

SHEE           SITE           C-1.1           C-1.2           C-1.3           C-1.4           C-1.5           C-0.1           C-1.0           C-2.0           C-3.0           C-4.0           C-4.1           C-5.0           C-6.1           L-1.0           L-2.1           ARCH           A-1.0           L-1.1           L-2.0           L-2.1           ARCH           A-1.0           L-1.1           L-2.0           L-2.1           ARCH           A-1.0           L-1.1           L-2.0           L-2.1           ARCH           A-1.2           A-1.1           A-1.2           A-1.3           A-1.4           A-1.5           A-2.1           A-2.2           A-2.3           A-2.4           A-2.5           A-2.6           A-5.1	T INDEX SITE PLAN SITE LIGHTING FIRE DEPARTMENT ACCESS FIRE DEPARTMENT EXHIBIT USABLE OPEN SPACE LOT COVERAGE EXISTING CONDITIONS NOTES DEMOLITION PLAN CIVIL SITE PLAN GRADING & EROSION CONTROL PLAN DETAILED GRADING PLAN UTILITY PLAN DETAILS LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE DETAILS & NOTES LANDSCAPE MUNICIPAL REQUIREMENTS ITECTURAL BASEMENT PLAN FIRST FLOOR PLAN SECOND FLOOR PLAN HIRD FLOOR PLAN FOURTH FLOOR PLAN FOURTH FLOOR PLAN EXTERIOR ELEVATIONS EXTERIOR	Total University Ave. Ste 20 Total Stevensor Total University Ave. Ste 20 Total Stevensor Middleton, VVI 53563
Site Development Dat	<u>:a:</u>	
Zoning District: TR-U2 Densities:		
Lot Area Dwelling Units	<u>Conditional Use</u> 42,650 S.F./.98 acres 53 units	
Lot Area / D.U. Density	805 S.F./unit 53 units/Acre	ISSUED Issued for Land Lise Submittal: Nov. 6, 2019
Usable Open Space Lot Coverage	12,221 S.F. (230 S.F./unit) 28,435 S.F. (67%)	
Building Height Dwelling Unit Mix:	4 stories	
Studio One bedroom <u>Two Bedroom</u>	11 32 10	
Total Dwelling Units Vehicle Parking Stalls:	53	
Underground Garage Surface Total	48 	
Parking Katio Bicycle Parking:	1.15 stalls/unit	
Garage - wall mount Garage - floor mount Surface-Guest	18 35 <u>6</u>	
GENERAL NOTES:	57	
I. THE APPLICANT SHAL THAT ABUTS THE PROP ANY SIDEWALK AND C DETERMINES NEEDS TO GRADE, REGARDLESS O BEGINNING CONSTRUC	L REPLACE ALL SIDEWALK AND CURB AND GUTTER ERTY THAT IS DAMAGED BY THE CONSTRUCTION, OR URB AND GUTTER WHICH THE CITY ENGINEER BE REPLACED BECAUSE IT IS NOT AT A DESIRABLE F WHETHER THE CONDITION EXISTED PRIOR TO CTION.	PROJECT TITLE Prime Urban
2. ALL WORK IN THE PU CITY-LICENSED CONTR	JBLIC RIGHT OF WAY SHALL BE PERFORMED BY A ACTOR.	Properties
3. ALL DAMAGE TO THE DEVELOPMENT SHALL B MADISON'S PAVEMENT I	E PAVEMENT ON CITY STREETS, AND ADJACENT TO THIS E RESTORED IN ACCORDANCE WITH THE CITY OF PATCHING CRITERIA.	Development
4. EXISTING STREET TRI INSTALL TREE PROTECT SIDEWALK AND EXTENI ALONG THE LENGTH O WITHIN 5 FEET OF THE WITHIN 5 FEET OF ANY CITY FORESTRY (266-48) THE TREE AND ROOT S CITY FORESTRY. TREE PI SECTION 107.13 OF CITY WORKS CONSTRUCTIO	EES SHALL BE PROTECTED. CONTRACTOR SHALL ION FENCING IN THE AREA BETWEEN THE CURB AND D IT AT LEAST 5 FEET FROM BOTH SIDES OF THE TREE OF THE TERRACE. NO EXCAVATION IS PERMITTED OUTSIDE EDGE OF THE TREE TRUNK. IF EXCAVATION TREE IS NECESSARY, CONTRACTOR SHALL CONTACT 16) PRIOR TO EXCAVATION TO ASSESS THE IMPACT TO YSTEM. TREE PRUNING SHALL BE COORDINATED WITH ROTECTION SPECIFICATIONS CAN BE FOUND IN Y OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC DN.	
5. APPROVAL OF PLANS APPROVAL TO PRUNE, F RIGHT-OF-WAY. PERMIS THE CITY FORESTER (26	FOR THIS PROJECT DOES NOT INCLUDE ANY REMOVE, OR PLANT TREES IN THE PUBLIC SION FOR SUCH ACTIVITIES MUST BE OBTAINED FROM 6-4816).	6225 University Avenue
6. THE PUBLIC RIGHT-O MADISON AND IS SUBJE THIS SITE PLAN IN THE I REMOVED AT THE APPLI	F-WAY IS THE SOLE JURISDICTION OF THE CITY OF CT TO CHANGE AT ANY TIME. NO ITEMS SHOWN ON RIGHT-OF-WAY ARE PERMANENT AND MAY NEED TO BE ICANTS EXPENSE UPON NOTIFICATION BY THE CITY.	SHEET TITLE Site Plan
BIKE RACKS:		
IN "IN SA	TERIOR & EXTERIOR FLOOR MOUNTED: NVERTED U" TYPE. MADRAX UX OR RIS BIKE DOCK	Sheet NUMBER
IN VE	TERIOR WALL MOUNTED: MADRAX RTICAL RACK OR SARIS BIKE TRACK	<b>C-I.I</b> PROJECT NO. 1540

GRAPHIC SCALE

STATISTICS						
DESCRIPTION	SYMBOL	AVG.	MAX.	MIN.	MAX. / MIN.	AVG. / MIN.
Parking Area Lighting	+	0.8 fc	5.8 fc	0.2 fc	29.0: I	4.0:I

LUMI	NAIR	E SO	CHEDULI				
SYMBOL	LABEL	. QTY	. MANUF.	CATALOG	DESCRIPTION	FILE	MOUNTING
	A	Ι	LITHONIA LIGHTING	DSX0 LED PI 30K T2S MVOLT HS	DSX0 LED PI 30K T2S MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_PI_30K_T2S _MVOLT_HS.ies	18'-0" POLE ON FLUSH CONC. BASE
	В	3	LITHONIA LIGHTING	DSX0 LED PI 30K T4M MVOLT HS	DSX0 LED PI 30K T4M MVOLT WITH HOUSE SIDE SHIELD	DSX0_LED_PI_30K_T4M _MVOLT_HS.ies	16'-0" POLE ON 2'-0" TALL CONC. BASE
	С	I	LITHONIA LIGHTING	LIL LED 30K MVOLT	LIL WALLPACK (STANDARD)	LIL_LED_30K_MVOLT.ies	ON BUILDING 8'-0" ABOVE GRADE
				EXAMPLE LIGHT	FIXTURE DISTRIE	SUTION         FOUR = 0.25 FC         FOUR = 0.5 FC         FOUR = 1.0 FC         IE	





ISSUED Issued for Land Use Submittal: Nov. 6, 2019

PROJECT TITLE Prime Urban Properties Development

6225 University Avenue SHEET TITLE Site Lighting Plan

SHEET NUMBER

C-1.2 PROJECT NO. 1546

© Knothe & Bruce Architects, LLC





Issued for Land Use Submittal: Nov. 6, 2019

ISSUED

PROJECT TITLE Prime Urban Properties Development

6225 University Avenue SHEET TITLE Fire Department Access Plan

SHEET NUMBER

GRAPHIC SCALE

I INCH = 20 FT (24X36 SHEET)

C-1.3 PROJECT NO.

PROJECT NO. **I546** © Knothe & Bruce Architects, LLC





	314 W Dayton Street, Madison, WI 53703-2506 Phone: 608-266-4420 • Fax: 608-267-1100 • E-mail: fire@cityofmadison.com			
	Project Address: 6225 University Avenue			
	Contact Name & Phone #: Kevin Yeska, 608-848-5060			
	FIRE APPARATUS ACCESS AND FIRE HYDRANT WORKSI	<u>HEET</u>		
1. Is the building comp If non-sprinklere If sprinklered, fin	bletely protected by an NFPA 13 or 13R automatic fire sprinkler system? ed, fire lanes extend to within 150-feet of all portions of the exterior wall? re lanes are within 250-feet of all portions of the exterior wall?	Yes Yes Yes	☐ No ☐ No ☐ No	□ N/A ■ N/A □ N/A
<ul> <li>2. Is the fire lane constant a) Is the fire lane a b) Is the fire lane a c) Is the fire lane a c) Is the minimum d) Is the grade of t e) Is the fire lane p f) Is a roll-able cun g) Is part of a side</li> </ul>	ructed of concrete or asphalt, designed to support a minimum load of 85,000 lbs? minimum unobstructed width of at least 20-feet? mobstructed with a vertical clearance of at least 13½-feet? inside turning radius of the fire lane at least 28-feet? he fire lane not more than a slope of 8%? posted as fire lane? (Provide detail of signage.) b used as part of the fire lane? (Provide detail of curb.) walk used as part of the required fire lane? (Must support +85,000 lbs.)	Yes	<ul> <li>No</li> </ul>	□ N/A □ N/A □ N/A □ N/A □ N/A □ N/A □ N/A
<ul><li>3. Is the fire lane obstrained a) Is the gate a minute b) Is an approved a</li></ul>	ucted by security gates or barricades? If yes: nimum of 20-feet clear opening? means of emergency operations installed, key vault, padlock or key switch?	☐ Yes ☐ Yes ☐ Yes	<ul> <li>■ No</li> <li>□ No</li> <li>□ No</li> </ul>	<ul> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ul>
4. Is the Fire lane dead If yes, does the are	-ended with a length greater than 150-feet? ea for turning around fire apparatus comply with IFC D103?	Yes Yes	No No	N/A N/A
5. Is any portion of the If yes, see IFC 320	building to be used for high-piled storage in accordance with IFC Chapter 3206.6 06.6 for further requirements.	Yes Yes	No	N/A
6. Is any part of the built first of the built of the bui	ilding greater than 30-feet above the grade plane? following questions:	Yes	🗌 No	N/A
a) Is the aerial app 25% of the per	aratus fire lane parallel to one entire side of the building and covering at least imeter?	Yes	🗌 No	N/A
<ul><li>b) Is the near edge</li><li>c) Are there any or</li><li>d) Are there any tr</li></ul>	of the aerial apparatus fire lane between 15' and 30' from the building? verhead power or utility lines located across the aerial apparatus fire lane? ee canopies expected to grow across the aerial fire lane? (Based on mature	Yes Yes	□ No ■ No	$\square N/A  \square N/A  \square N/A $
canopy width c e) Does the aerial a	of tree species) apparatus fire lane have a minimum unobstructed width of 26-feet?	Yes Yes	No	$\square$ N/A $\square$ N/A $\square$ N/A
7. Are all portions of th	e required fire lanes within 500-feet of at least (2) hydrants?	Yes		N/A
Note: Distances sh a) Is the fire lane b) Is there at least c) Are the hydran	<ul> <li>at least 26' wide for at least 20-feet on each side of the hydrants?</li> <li>40' between a hydrant and the building?</li> <li>t(s) setback no less than 5-feet nor more than 10-feet from the curb or edge of the</li> </ul>	Yes Yes	□ No □ No	$\square$ N/A $\square$ N/A $\square$ N/A
d) Are hydrants lo e) Are there no ob located, or grac Note: Hydrants shall be	ne? boated in parking lot islands a minimum of 3½-feet from the hydrant to the curb? bostructions, including but not limited to: power poles, trees, bushes, fences, posts le changes exceeding 1½-feet, within 5-feet of a fire hydrant? c installed and in-service prior to combustible construction on the project site	Yes	I No	■ N/A ■ N/A □ N/A
is with shall of	Attach an additional sheet if further explanation is required for any answers.			



# LEGEND

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•••••
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X
o
0-0 0-0-0 «
<u> </u>
—

PROPERTY LINE RIGHT-OF-WAY EASEMENT LINE FIRST FLOOR BUILDING OUTLINE BASEMENT BUILDING OUTLINE BUILDING SETBACK LINE EDGE OF PAVEMENT STANDARD CURB AND GUTTER REJECT CURB AND GUTTER ASPHALT PAVEMENT HEAVY DUTY ASPHALT PAVEMENT CONCRETE PAVEMENT HEAVY DUTY CONCRETE PAVEMENT RETAINING WALL RAILING FENCE LIGHT POLE (REFER TO PHOTOMETRIC PLAN) ADA PARKING SIGN



# **City of Madison Fire Department**

BIKE RACK

This worksheet is based on MGO 34.503 and IFC 2015 Edition Chapter 5 and Appendix D; please see the codes for further information.

Revised 1/21/2016

PLAN MODIFICATIONS:

11.06.19

Date:

Design/Drawn:

SHEET TITLE:

SHEET NUMBER:

JSD PROJECT NO:

FIRE ACCESS EXHIBIT

C-1.3a

Approved:

Description:

UDC INITIAL / FINAL





EXHIBIT

ABł

KJY









# **EXISTING CONDITIONS MAP**



ALL OF LOT 1, CERTIFIED SURVEY MAP NUMBER 8227, IN THE SOUTHEAST QUARTER OF SECTION 12 AND IN THE NORTHEAST QUARTER OF SECTION 13, TOWNSHIP 07 NORTH, RANGE 09 EAST, CITY OF MADISON, DANE COUNTY, WISCONSIN

> CONIFEROUS TREE PROPERTY BOUNDARY CONCRETE CURB & GUTTER

— он ——	OVERHEAD LINE
— Е ——	UNDERGROUND ELECTRIC
— т —	UNDERGROUND TELEPHONE
$\sim$	EDGE OF WOODS OR BRUSH
////////	BUILDING
	WALL LINE
-875	INDEX CONTOUR
-874	INTERMEDIATE CONTOUR
×814.29	SPOT ELEVATION
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	BITUMINOUS PAVEMENT
4	CONCRETE PAVEMENT
	EDGE OF BITUMINOUS
	PAVEMENT STRIPING
$\sim$	END OF FLAGGED UTILITIES
( )	DENOTES RECORD DATA DEPICTING THE SAME LINE ON THE GROUND AS RETRACED BY THIS SURVEY

1. FIELD WORK PERFORMED BY JSD PROFESSIONAL SERVICES, INC. ON FEBRUARY 20, MARCH 4, AND MARCH 19, 2009, AND REVISTED ON

2. BEARINGS FOR THIS SURVEY AND MAP ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, DANE COUNTY ZONE. THE

5. SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFICIAL FEATURES AND APPURTENANCES, LOCATING DIGGERS HOTLINE FIELD MARKINGS AND BY REFERENCE TO UTILITY RECORDS AND MAPS. DIGGER'S HOTLINE

> AT&T UNIVERSITY HOSPITAL – MADISON CENTURYLINK

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

8. THE ACCURACY OF THE BENCHMARKS SHOWN ON THIS MAP SHALL BE VERIFIED BEFORE BEING UTILIZED. JSD PROFESSIONAL

LOT 1, CERTIFIED SURVEY MAP NUMBER 8227, RECORDED IN VOLUME 44 OF CERTIFIED SURVEY MAPS ON PAGES 175-178 AS DOCUMENT NO. 2766591; LOCATED IN THE SOUTHEAST 1/4 (SE 1/4) OF SECTION 12 AND IN THE NORTHEAST 1/4 (NE 1/4) OF SECTION 13, ALL IN T7N, R8E, CITY OF MADISON, DANE COUNTY, WI.







# **GENERAL NOTES**

- . 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.
- . 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**

- 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.
- CONTRACTOR SHALL KEEP ALL STREETS AND PRIVATE DRIVES FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT, DUST AND DEBRIS.
- 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.
- ABANDONED/REMOVED ITEMS SHALL BE DISPOSED OF OFF SITE UNLESS OTHERWISE NOTED.
- 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.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR: 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.
- NOTIFYING ALL UTILITIES PRIOR TO THE REMOVAL OF ANY UNDERGROUND UTILITIES. 7.3.
- 7.4. NOTIFYING THE DESIGN ENGINEER AND LOCAL CONTROLLING MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION.
- 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.
- 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.
- 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.
- SEWER ABANDONMENT SHALL BE IN ACCORDANCE WITH SECTION 3.2.24. OF THE STANDARD 15. SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN WISCONSIN, LATEST ADDITION, AND CITY OF MADISON SPECIFICATIONS.
- 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.
- 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.
- 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.
- 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".
- RESTORATION OF THE EXISTING ROADWAY RIGHT-OF-WAYS ARE CONSIDERED INCIDENTAL AND 20. SHOULD BE PART OF THE COST OF THE UNDERGROUND IMPROVEMENTS, DEMOLITION AND REMOVAL. THIS INCLUDES CURB & GUTTER, SIDEWALK, TOPSOIL, SEEDING AND MULCHING.
- PRESERVE AND PROTECT EXISTING STREET TREES WITHIN RIGHT OF WAY AS LABELED ON PLAN. CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING AS RECOMMENDED ON THE L2.0 DETAIL. NO EXCAVATION IS PERMITTED WITHIN 5 FT OF THE OUTSIDE EDGE OF A TREE TRUCK. IF EXCAVATION WITHIN 5 FT OF ANY TREE IS NECESSARY, CONTRACTOR SHALL CONTACT CITY FORESTRY (266-4816) PRIOR TO EXCAVATION TO ASSESS THE IMPACT TO THE TREE AND ROOT SYSTEM. TREE PRUNING SHALL BE COORDINATED WITH CITY FORESTRY PRIOR TO THE START OF CONSTRUCTION. TREE PROTECTION SPECIFICATIONS CAN BE FOUND IN SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION. ANY TREE REMOVALS THAT ARE REQUIRED FOR CONSTRUCTION AFTER THE DEVELOPMENT PLAN IS APPROVED WILL REQUIRE AT LEAST A 72 HOUR WAIT PERIOD BEFORE A TREE REMOVAL PERMIT CAN BE ISSUED BY FORESTRY, TO NOTIFY THE ALDER OF THE CHANGE IN THE TREE PLAN

# CONSTRUCTION SEQUENCING

- INSTALL PERIMETER SILT FENCE, INLET PROTECTION AND TEMPORARY CONSTRUCTION ENTRANCE.
- STRIP AND STOCKPILE TOPSOIL, INSTALL SILT FENCE AROUND PERIMETER OF STOCKPILE.
- CONDUCT ROUGH GRADING EFFORTS AND INSTALL CHECK DAMS WITHIN DRAINAGE DITCHES AS NFFDFD
- INSTALL UTILITY PIPING AND STRUCTURES, IMMEDIATELY INSTALL INLET PROTECTION.
- COMPLETE FINAL GRADING, INSTALLATION OF GRAVEL BASE COURSES, PLACEMENT OF CURBS, PAVEMENTS, WALKS, ETC.
- PLACE TOPSOIL AND IMMEDIATELY STABILIZE DISTURBED AREAS WITH EROSION CONTROL MEASURES AS INDICATED ON PLANS.
- EROSION CONTROLS SHALL NOT BE REMOVED UNTIL SITE IS FULLY STABILIZED OR 70% VEGETATIVE COVER IS ESTABLISHED.

CONTRACTOR MAY MODIFY SEQUENCING AFTER ITEM NO. 1 AS NEEDED TO COMPLETE CONSTRUCTION IF EROSION CONTROLS ARE MAINTAINED IN ACCORDANCE WITH THE CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS.

# **PAVING NOTES**

- 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 PREPARED BY FIRM DATED DATE.
- 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  $30^{\circ}$  F ( $-1^{\circ}$  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.
- 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
- 8. CONTRACTOR SHALL WATER ALL NEWLY SODDED/SEEDED AREAS DURING THE SUMMER MONTHS
- 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.

2.7. ASPHALTIC MATERIALS - THE ASPHALTIC MATERIALS SHALL CONFORM TO SECTION 455 AND 460,

- FACILITIES JUST PRIOR TO SODDING AND/OR SEEDING AND MULCHING TO PROMOTE INFILTRATION.
- WHENEVER THERE IS A 7 DAY LAPSE WITH NO SIGNIFICANT RAINFALL.

# **UTILITY NOTES**

- ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATIONS OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. CONTRACTOR/OWNER SHALL CALL "DIGGER'S HOTLINE" PRIOR TO ANY CONSTRUCTION.
- 2. PRIOR TO CONSTRUCTION, THE PRIME CONTRACTOR IS RESPONSIBLE FOR: \* EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE
  - ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION. \* OBTAINING ALL PERMITS INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND
  - ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY. \* VERIFYING ALL ELEVATIONS, LOCATIONS AND SIZES OF SANITARY, WATER AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS. NOTIFY ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.
  - \* NOTIFYING ALL UTILITIES PRIOR TO INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS. \* NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF
  - CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION. COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
- 3. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN - AND ALL STATE AND LOCAL CODES AND SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE WHICH SPECIFICATIONS AND CODES APPLY, AND TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE APPROPRIATE LOCAL AND STATE AUTHORITIES.
- 4. SPECIFICATIONS SHALL COMPLY WITH THE CITY OF MADISON SPECIAL PROVISIONS.
- 5. LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
- 6. CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.
- 7. CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVER NIGHT AS REQUIRED IN CONSTRUCTION SITES WHERE THE POTENTIAL FOR PEDESTRIAN INJURY EXISTS
- 8. CONTRACTOR SHALL ADJUST AND/OR RECONSTRUCT ALL UTILITY COVERS (SUCH AS MANHOLE COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS EFFECTED BY THE CONSTRUCTION.
- THE PRIME CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
- 10. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
- 11. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED, IF REQUIRED. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.
- 12. STORM SEWER SPECIFICATIONS -
- PIPE REINFORCED CONCRETE PIPE (RCP) SHALL MEET THE REQUIREMENTS OF ASTM CLASS III (MINIMUM) C-76 WITH RUBBER GASKET JOINTS CONFORMING TO ASTM C-443. HIGH DENSITY DUAL-WALL POLYETHYLENE CORRUGATED PIPE SHALL BE AS MANUFACTURED BY ADS OR EQUAL WITH WATER TIGHT JOINTS, AND SHALL MEET THE REQUIREMENTS OF AASHTO DESIGNATION M-294 TYPE
- INLETS INLETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE. NO. 28 OF THE "STANDARD SPECIFICATIONS", OR APPROVED EQUAL WITH A 1'-8" X 2'-6" MAXIMUM OPENING. CURB FRAME & GRATE SHALL BE NEENAH R-3067 WITH TYPE R GRATE, OR EQUAL.
- BACKFILL AND BEDDING STORM SEWER SHALL BE CONSTRUCTED WITH GRAVEL BACKFILL AND CLASS "B" BEDDING IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE "STANDARD SPECIFICATIONS".
- MANHOLE FRAMES AND COVERS MANHOLE FRAMES AND COVERS SHALL BE PER STRUCTURE TABLE IN SHEET C5.0.
- FIELD TILE CONNECTION ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION SHALL BE INCLUDED IN THE UNIT PRICE(S) FOR STORM SEWER. TILE LINES CROSSED BY THE TRENCH SHALL BE REPLACED WITH THE SAME MATÉRIAL AS THE STORM SEWER.
- 13. WATER MAIN SPECIFICATIONS -
- PIPE DUCTILE IRON PIPE SHALL BE CLASS 52 CONFORMING TO AWWA C151 AND CHAPTER 8.18.0 OF THE "STANDARD SPECIFICATIONS". POLYVINYL CHLORIDE (PVC) PIPE SHALL MEET THE REQUIREMENTS OF AWWA STANDARD C-900, CLASS 150, DR-18, WITH CAST IRON O.D. AND INTEGRAL ELASTOMERIC BELL AND SPIGOT JOINTS. NON-METALLIC WATER MAINS SHALL BE INSTALLED WITH BLUE INSULATION TRACER WIRE AND CONFORM WITH SPS 382.30(11)(h).
- VALVES AND VALVE BOXES GATE VALVES SHALL BE AWWA GATE VALVES MEETING THE REQUIREMENTS OF AWWA C-500 AND CHAPTER 8.27.0 OF THE "STANDARD SPECIFICATIONS". GATE VALVES AND VALVE BOXES SHALL CONFORM TO LOCAL PLUMBING ORDINANCES.
- HYDRANTS HYDRANTS SHALL CONFORM TO THE SPECIFICATIONS OF THE CITY OF MADISON. THE DISTANCE FROM THE GROUND LINE TO THE CENTERLINE OF THE LOWEST NOZZLE AND THE LOWEST CONNECTION OF THE FIRE DEPARTMENT SHALL BE NO LESS THAN 18-INCHES AND NO GREATER THAN 23-INCHES (SEE DETAIL).
- BEDDING AND COVER MATERIAL PIPE BEDDING AND COVER MATERIAL SHALL BE SAND, CRUSHED STONE CHIPS OR CRUSHED STONE SCREENINGS CONFORMING TO CHAPTER 8.43.2 OF THE "STANDARD SPECIFICATIONS"
- BACKFILL BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE WITH CHAPTER 2.6.0 OF THE "STANDARD SPECIFICATIONS". GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE "STANDARD SPECIFICATIONS".
- 14. SANITARY SEWER SPECIFICATIONS -
- PIPE SANITARY SEWER PIPE MATERIAL SHALL BE POLYVINYL CHLORIDE (PVC) MEETING REQUIREMENTS OF ASTM D 3034, SDR-35, WITH INTEGRAL BELL TYPE FLEXIBLE ELASTOMERIC JOINTS, MEETING THE REQUIREMENTS OF ASTM D-3212.
- BEDDING AND COVER MATERIAL BEDDING AND COVER MATERIAL SHALL CONFORM TO THE APPROPRIATE SECTIONS OF THE "STANDARD SPECIFICATION" WITH THE FOLLOWING MODIFICATION: "COVER MATERIAL SHALL BE THE SAME AS USED FOR BEDDING AND SHALL CONFORM TO SECTION 8.43.2 (A). BEDDING AND COVER MATERIAL SHALL BE PLACED IN A MINIMUM OF THREE SEPARATE LIFTS, OR AS REQUIRED TO INSURE ADEQUATE COMPACTING OF THESE MATERIALS, WITH ONE LIFT OF BEDDING MATERIAL ENDING AT OR NEAR THE SPRINGLINE OF THE PIPE. THE CONTRACTOR SHALL TAKE CARE TO COMPLETELY WORK BEDDING MATERIAL UNDER THE HAUNCH OF THE PIPE TO PROVIDE ADEQUATE SIDE SUPPORT."
- BACKFILL BACKFILL MATERIAL AND INSTALLATION SHALL BE IN ACCORDANCE CHAPTER 2.6.0 OF THE "STANDARD SPECIFICATIONS." GRAVEL BACKFILL IS REQUIRED IN ALL PAVED AREAS AND TO A POINT 5 FEET BEYOND THE EDGE OF PAVEMENT. TRENCHES RUNNING PARALLEL TO AND LESS THAN 5 FEET FROM THE EDGE OF PAVEMENT SHALL ALSO REQUIRE GRAVEL BACKFILL. LANDSCAPED AREAS MAY BE BACKFILLED WITH EXCAVATED MATERIAL IN CONFORMANCE WITH SECTION 8.43.5 OF THE "STANDARD SPECIFICATIONS."
- MANHOLES MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FILE NOS. 12, 13 AND 15 OF THE "STANDARD SPECIFICATIONS" AND ALL SPECIAL PROVISIONS OF THE CITY OF MADISON. MANHOLE FRAMES AND COVERS - MANHOLE FRAMES AND COVERS SHALL BE PER STRUCTURE TABLE IN SHEET C5.0.
- 15. WATERMAIN AND SANITARY SEWER SHALL BE INSULATED WHEREVER THE DEPTH OF COVER IS LESS THAN 6 FEET. INSULATION AND INSTALLATION OF INSULATION SHALL BE CONFORMING WITH CHAPTER 4.17.0 "INSULATION" OF THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN 6TH EDITION UPDATED WITH ITS LATEST ADDENDUM (TYP.).

# **EROSION CONTROL NOTES**

- THE APPROVED PLANS.
- UNFORESEEN FIELD CONDITIONS.
- PRIOR TO DEVIATION OF THE APPROVED PLAN.
- REQUEST.
- REPLACED IMMEDIATELY UPON INSPECTION.
- AND AS REQUESTED BY THE CITY OF MADISON.
- 9. DEPOSITION WITHIN STORM SEWER SYSTEMS.
- "TACKIFIFR."

- 1052 AND 1053.
- OPERATIONS, REFER TO WONR TECHNICAL STANDARD 1068.
- MEASURES.
- REQUIREMENTS.
- 17. STABILIZATION PRACTICES:
- PORTION OF THE SITE HAS CEASED UNLESS: 17.2. 17.3. 17.4 ACCEPTABLE STABILIZATION MEASURES:
  - OR CEREAL RYE (150LB/ACRE) \* HYDRO-MULCHING WITH A TACKIFIER
  - \* SODDING

# STORMWATER FACILITIES CONSTRUCTION NOTES

- THE ENGINEER, OR AN OWNER'S REPRESENTATIVE.
- FINAL SITE GRADING AND SOILS HAVE BEEN STABILIZED.
- CONSTRUCTION OF STORMWATER MANAGEMENT FACILITIES.

- MATERIALS CONFORMING TO SPECIFICATIONS PER WDNR TECH STANDARD 1004.

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

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

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 CITY OF MADISON

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

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

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

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

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

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. 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

14. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO CONTROL DUST ARISING FROM CONSTRUCTION

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

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

> \*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 \*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.

\*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

\* PERMANENT SEEDING; IN ACCORDANCE WITH APPROVED CONSTRUCTION SPECIFICATION \* TEMPORARY SEEDING; MAY CONSIST OF SPRING OATS(100LBS/ACRE) AND/OR WHEAT

\* GEOTEXTILE EROSION MATTING

ENGINEER SHALL BE NOTIFIED PRIOR TO INSTALLATION OF STORMWATER MANAGEMENT FACILITIES. CONSTRUCTION OF STORMWATER MANAGEMENT FACILITIES SHALL BE OBSERVED AND DOCUMENTED BY

2. STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AFTER SUBSTANTIAL COMPLETION OF

3. AREAS USED FOR TEMPORARY SEDIMENT BASINS SHALL BE REMOVED IN THEIR ENTIRETY AFTER

4. CONSTRUCTION TRAFFIC, HEAVY EQUIPMENT AND SOIL STOCKPILES SHALL NOT BE PLACED IN AREAS WHERE PROPOSED STORMWATER MANAGEMENT FACILITIES ARE LOCATED.

NATIVE SOIL INFILTRATION RATES BELOW STORMWATER FACILITIES SHALL BE VERIFIED BY THE OWNER'S GEOTECHNICAL ENGINEER PRIOR INSTALLATION OF FACILITIES. NATIVE SOIL INFILTRATION RATES SHALL BE EQUAL TO OR GREATER THAN DESIGN INFILTRATION RATES.

6. NATIVE SOILS SHALL BE BLENDED A MINIMUM OF TWO FEET PRIOR TO INSTALLATION OF STORMWATER INFILTRATION FACILITIES TO BREAKUP ANY LOWER PERMEABILITY SEAMS THAT MAY BE PRESENT. 7. THICKER SILT OR CLAY LAYERS SHALL BE OVER-EXCAVATED AND BACKFILLED WITH GRANULAR

Toll Free (800) 242-8511

JSD PROJECT NO:





	PROPERTY LINE
	RIGHT-OF-WAY
··_	EASEMENT LINE
	DEMOLITION - REMOVAL OF RETAINING WALL
XXXXX	DEMOLITION – REMOVAL OF CONCRETE/CURB & GUTTER/ ASPHALT SURFACES
	DEMOLITION - REMOVAL OF BUILDINGS/STRUCTURES
// // // //	DEMOLITION - REMOVAL OF UTILITIES
X	TREE REMOVAL
$\otimes$	SHRUB REMOVAL
— x——	PROTECT EXISTING TREE - REFER TO L2.0

# **EXISTING TREE SCHEDULE**

<u>DE</u>	TREE SPECIES (Common Name)	<u>QUANTIT</u>
С	Maple	2
Ą	Norway Spruce	1
Р	Blue Spruce	1
N	Austrian Pine	23
U	Oak	2
Р	Black Locust	5
С	Hemlock	1
L	Elm	1
PS	DEAD Austiran Pine	1
QU	DEAD Oak	1



north





(2019/199357)DWG/Civil/Civil Sheets/199357 DEMO-SITE SHEET.dwg Layout: C3.0 - SITE User: msiniscalchi Plotted: Nov 05, 2019 - 3:50pm Xref's: 19-9357 Prime Urban Properties Develop

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PROPERTY LINE RIGHT-OF-WAY EASEMENT LINE FIRST FLOOR BUILDING OUTLINE BASEMENT BUILDING OUTLINE BUILDING SETBACK LINE EDGE OF PAVEMENT STANDARD CURB AND GUTTER REJECT CURB AND GUTTER ASPHALT PAVEMENT HEAVY DUTY ASPHALT PAVEMENT CONCRETE PAVEMENT HEAVY DUTY CONCRETE PAVEMENT RETAINING WALL RAILING FENCE LIGHT POLE (REFER TO PHOTOMETRIC PLAN) ADA PARKING SIGN BIKE RACK

![](_page_9_Picture_5.jpeg)

MADISON MILWAUKEE KENOSHA APPLETON WAUSAU

MADISON REGIONAL OFFICE 161 HORIZON DRIVE, SUITE 101 VERONA, WISCONSIN 53593

P 608.848.5060

CLIENT: PRIME URBAN PROPERTIES, LLC

CLIENT ADDRESS: 2010 EASTWOOD DRIVE SUITE 201 MADISON, WI 53704

SITE INFORMATION E	BLOCK
SITE ADDRESS	6225 UNIVERSITY AVE.
PROPERTY ACREAGE .9	8 ACRES (42,640 SF)
NUMBER OF BUILDING STORIES	4 (+BASEMENT)
NUMBER OF PARKING STALLS	
SURFACE	
LARGE	12
ACCESSIBLE	1
UNDERGROUND	48
TOTAL STALLS	61
NUMBER OF SURFACE BICYCLE STALLS:	6
EXISTING VS. PROPOSED SITE COVERAGE	
EXISTING IMPERVIOUS SURFACE AREA	30,345 SF
EXISTING PERVIOUS SURFACE AREA	12,295 SF
EXISTING IMPERVIOUS SURFACE AREA RATIO	0.71
PROPOSED IMPERVIOUS SURFACE AREA	31,659 SF
PROPOSED PERVIOUS SURFACE AREA	10,981 SF
PROPOSED IMPERVIOUS SURFACE AREA RA	TIO 0.74

NOTFOR CONSTRUCTIC PROJECT: PRIME URBAN PROPERTIES DEVELOPMENT PROJECT LOCATION: 6225 University Avenue Madison, WI PLAN MODIFICATIONS: Date: Description: UDC INITIAL / FINAL 11.06.19 Design/Drawn: ABK KJY Approved: SHEET TITLE: SITE PLAN SHEET NUMBER: **C3.0** 

JSD PROJECT NO:

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EROSION MATTING 

PROPERTY LINE RIGHT-OF-WAY EASEMENT LINE BUILDING OUTLINE EDGE OF PAVEMENT STANDARD CURB AND GUTTER REJECT CURB AND GUTTER ASPHALT PAVEMENT CONCRETE PAVEMENT HEAVY DUTY CONCRETE PAVEMENT PROPOSED 1 FOOT CONTOUR PROPOSED 5 FOOT CONTOUR EXISTING 1 FOOT CONTOUR EXISTING 5 FOOT CONTOUR RETAINING WALL

DITCH CHECK

INLET PROTECTION

CONSTRUCTION ENTRANCE

SILT SOCK

![](_page_10_Picture_13.jpeg)

![](_page_10_Picture_14.jpeg)

![](_page_10_Picture_15.jpeg)

19-9357

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PROPERTY LINE RIGHT-OF-WAY EASEMENT LINE BUILDING OUTLINE EDGE OF PAVEMENT STANDARD CURB AND GUTTER REJECT CURB AND GUTTER ASPHALT PAVEMENT CONCRETE PAVEMENT HEAVY DUTY CONCRETE PAVEMENT PROPOSED 1 FOOT CONTOUR PROPOSED 5 FOOT CONTOUR EXISTING 1 FOOT CONTOUR EXISTING 5 FOOT CONTOUR RETAINING WALL 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

![](_page_11_Picture_6.jpeg)

![](_page_11_Picture_8.jpeg)

19-9357

JSD PROJECT NO:

![](_page_12_Figure_0.jpeg)

PROPOSED PIPE TABLE								
LABEL	EL FROM TO Length INVERT EL. (FT) DISCHAGRE EL. (FT) Slope SIZE & M							
STO A-1	STO INL A-1	EX STO INL A	31'	909.93	908.99	3.06%	18 IN HDPE (HP)	
STO A-2	STO NULL A-1.1	STO INL A-1	35'	912.00	910.93	3.06%	18 IN HDPE (HP)	
STO A-3	STO INL A-3	STO NULL A-1.2	12'	912.36	912.00	3.00%	12 IN HDPE (HP)	
STO A-4	STO INL A-4	STO INL A-3	134'	918.39	914.36	3.00%	12 IN HDPE (HP)	
STO A-5	STO INL A-5	STO INL A-4	60'	922.20	920.39	3.00%	12 IN HDPE (HP)	
STO A-6	STO INL A-6	STO INL A-5	48'	924.65	923.20	3.00%	12 IN HDPE (HP)	
EX STO B-1.1	EX STO EW B-1.1	STO MH B-1	30'	930.63	930.29	1.12%	12 IN - CMP	
STO B-2	STO EW B-2	STO MH B-1	27'	927.50	927.45	0.18%	18 IN RCP	
STO B-1	STO MH B-1	STO EW B	16'	927.15	927.00	0.94%	18 IN RCP	

PROPOSED STRUCTURES TABLE							
LABEL	LABEL RIM EL. (FT) INVERT EL. (FT)		DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE		
EX STO EW B-1.1	931.83	NW INV: 930.63 (12")	N/A	12 IN CMP FES	N/A		
EX STO INL A	914.62	S INV: 908.99 (18")	5.6	2 x 3 INLET	R-3067 TYPE R		
STO EW B	928.71	S INV: 927.00 (18")	N/A	18 IN RCP FES	N/A		
STO EW B-2	929.21	NE INV: 927.50 (18")	N/A	18 IN RCP FES	N/A		
STO INL A-1	916.43	N INV: 909.93 (18") SW INV: 910.93 (18")	6.5	2 x 3 INLET	R–3067 TYPE R		
STO INL A-3	919.16	SE INV: 912.36 (12") S INV: 914.36 (12")	6.8	2 x 3 INLET	R-3067 TYPE R		
STO INL A-4	925.04	N INV: 918.39 (12") SE INV: 920.39 (12")	6.6	2 x 3 INLET	R–3067 TYPE R		
STO INL A-5	926.97	NW INV: 922.20 (12") SE INV: 923.20 (12")	4.8	2 x 3 INLET	R-3067 TYPE R		
STO INL A-6	929.16	NW INV: 924.65 (12")	4.5	2 x 3 INLET	R–3067 TYPE R		
STO MH B-1	931.89	N INV: 927.15 (18") SE INV: 930.29 (12") SW INV: 927.45 (18")	4.7	48 IN MH (FLAT)	R-1550 SOLID LID		

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STANDARD CURB AND GUTTER
REJECT CURB AND GUTTER
ASPHALT PAVEMENT
CONCRETE PAVEMENT
HEAVY DUTY CONCRETE PAVEMENT
RETAINING WALL
SANITARY SEWER
WATERMAIN
STORM SEWER

![](_page_12_Picture_10.jpeg)

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JSD PROJECT NO:

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CREATE THE VISION
MADISON MILWAUKEE KENOSHA APPLETON WAUSAU
MADISON REGIONAL OFFICE 161 HORIZON DRIVE, SUITE 101 VERONA, WISCONSIN 53593 P. 608.848.5060
CLIENT: PRIME URBAN PROPERTIES, LLC
CLIENT ADDRESS: 2010 EASTWOOD DRIVE SUITE 201 MADISON, WI 53704
NOTFOR CONSTRUCTION
PROJECT: PRIME URBAN PROPERTIES DEVELOPMENT
PROJECT LOCATION: 6225 University Avenue Madison, WI
PLAN MODIFICATIONS:
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JSD PROJECT NO: 19-9357

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PROPERTY LINE RIGHT-OF-WAY EASEMENT LINE BUILDING OUTLINE EDGE OF PAVEMENT STANDARD CURB AND GUTTER REJECT CURB AND GUTTER 8" CONCRETE RIBBON CURB ASPHALT PAVEMENT CONCRETE PAVEMENT HEAVY DUTY CONCRETE PAVEMENT PROPOSED 1 FOOT CONTOUR PROPOSED 5 FOOT CONTOUR EXISTING 1 FOOT CONTOUR EXISTING 5 FOOT CONTOUR SANITARY SEWER WATERMAIN STORM SEWER EXISTING SANITARY SEWER EXISTING WATERMAIN EXISTING STORM SEWER RETAINING WALL EXISTING FENCE LIGHT POLE (REFER TO PHOTOMETRIC PLAN) ADA PARKING SIGN BIKE RACK POLYETHYLENE EDGING PRAIRIE SEED MIX FENCING

TANICAL / COMMON NAME	CONT	SIZE	LS POINTS	ΟΤΥ
iperus chinensis `Blue Point` / Blue Point Juniper	B & B	Min. 5` tall	10	7
ja occidentalis `Holmstrup` / Holmstrup Cedar	B & B	Min. 5` tall	10	18
	CONT			
ANICAL / COMMON NAME	2011	SIZE		QIY
elanchier x grandiflora `Autumn Brilliance` / Autumn Brilliance viceberry	B & B	1.5" Cal (Multi-Stem)	15	3
TANICAL / COMMON NAME	CONT	SIZE	LS POINTS	QTY
r x freemanii `Marmo` / Marmo Maple	B & B	2.5"Cal	35	3
ıla nigra `Heritage` / Heritage River Birch	B & B	2.5" Cal (Multi-Stem)	35	3
kgo biloba `Autumn Gold` TM / Maidenhair Tree	B & B	2.5"Cal	35	3
TANICAL / COMMON NAME	CONT	SIZE	LS POINTS	QTY
a glauca `Densata` / Black Hills Spruce	B & B	5 ft tall min.	35	3
TANICAL / COMMON NAME	CONT	SIZE	LS POINTS	QTY
nus alba `lvory Halo` TM / Tatarian Dogwood	3 gal	Min. 18-24" Ht.	3	9
rangea paniculata `Little Quick Fire` / Little Quick Fire Hydrangea	3 gal	Min. 18-24" Ht.	3	7
socarpus opulifolius `Little Devil` TM / Dwarf Ninebark	3 gal	Min. 18-24" Ht.	3	9
aea x bumalda `Goldmound` / Gold Mound Spirea	3 gal	Min. 18-24" Ht.	3	24
FANICAL / COMMON NAME	CONT	SIZE	LS POINTS	QTY
us x media `Hicksii` / Hicks Yew	3 gal	Min. 18-24" Ht.	4	8
us x media `Tauntonii` / Tauton Yew	3 gal	Min. 18-24" Ht.	4	21
TANICAL / COMMON NAME	CONT	SIZE	LS POINTS	QTY
ım x `Millenium` / Millenium Ornamental Onion	1 gal	Cont.	2	52
amintha nepeta `Montrose White` / White Catmint	1 gal	Cont.	2	47
inacea x `Cheyenne Spirit` / Cheyenne Spirit Coneflower	1 gal	Cont.	2	41
ta x `Hadspen Blue` / Plantain Lily	1 gal	Cont.	2	21
icum virgatum `Shenandoah` / Switch Grass	1 gal	Cont.	2	26
robolus heterolepis `Tara` / Prairie Dropseed	1 gal	Cont.	2	140

![](_page_15_Picture_5.jpeg)

JSD PROJECT NO:

![](_page_15_Picture_8.jpeg)

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![](_page_16_Figure_3.jpeg)

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PROPERTY LINE RIGHT-OF-WAY EASEMENT LINE BUILDING OUTLINE EDGE OF PAVEMENT STANDARD CURB AND GUTTER REJECT CURB AND GUTTER 8" CONCRETE RIBBON CURB ASPHALT PAVEMENT HEAVY DUTY ASPHALT PAVEMENT CONCRETE PAVEMENT HEAVY DUTY CONCRETE PAVEMENT PROPOSED 1 FOOT CONTOUR PROPOSED 5 FOOT CONTOUR EXISTING 1 FOOT CONTOUR EXISTING 5 FOOT CONTOUR SANITARY SEWER WATERMAIN STORM SEWER EXISTING SANITARY SEWER EXISTING WATERMAIN EXISTING STORM SEWER RETAINING WALL EXISTING FENCE LIGHT POLE (REFER TO PHOTOMETRIC PLAN) ADA PARKING SIGN BIKE RACK POLYETHYLENE EDGING PRAIRIE SEED MIX FENCING

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nchier x grandiflora `Autumn Brilliance` / Autumn Brilliance eberry	B & B	1.5" Cal (Multi-Stem)	15	3
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nigra `Heritage` / Heritage River Birch	B & B	2.5" Cal (Multi-Stem)	35	3
o biloba ʿAutumn Goldʿ TM / Maidenhair Tree	B & B	2.5"Cal	35	3
NICAL / COMMON NAME	CONT	SIZE	LS POINTS	QTY
glauca `Densata` / Black Hills Spruce	B & B	5 ft tall min.	35	3
NICAL / COMMON NAME	CONT	SIZE	LS POINTS	QTY
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ngea paniculata `Little Quick Fire` / Little Quick Fire Hydrangea	3 gal	Min. 18-24" Ht.	3	7
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acea x `Cheyenne Spirit` / Cheyenne Spirit Coneflower	1 gal	Cont.	2	41
x `Hadspen Blue` / Plantain Lily	1 gal	Cont.	2	21
ım virgatum `Shenandoah` / Switch Grass	1 gal	Cont.	2	26
bolus heterolepis `Tara` / Prairie Dropseed	1 gal	Cont.	2	140

![](_page_16_Picture_8.jpeg)

![](_page_16_Picture_9.jpeg)

JSD PROJECT NO:

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# **GENERAL NOTES**

- HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN 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. ALL FINE GRADING AND RESTORATION WITH THE GRADING CONTRACTOR.
- STORAGE IS PROVIDED AND APPROVED BY OWNER'S REPRESENTATIVE. AT ALL TIMES, PROTECT ALL PLANT MATERIALS FROM WIND AND DIRECT SUN. MATERIALS ADEQUATELY WATERED TO PREVENT ROOT DESICCATION. DO NOT REMOVE CONTAINER GROWN STOCK FROM CONTAINERS BEFORE TIME OF THE CONTAINER OR BALL. PERFORM ACTUAL PLANTING ONLY WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE IN ACCORDANCE WITH LOCALLY ACCEPTED BEST HORTICULTURAL PRACTICES.
- 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 HARVEST 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 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, AT PLANTING. PRUNING SHALL CONFORM TO THE LATEST VERSION OF THE AMERICAN STANDARD FOR TREE CARE OPERATIONS, ANSI A300. PRUNE 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. 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 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 SHREDDED HARDWOOD BARK MULCH: ALL PLANTING AREAS LABELED ON PLAN SHALL RECEIVE CERTIFIED WEED FREE SHREDDED REQUIREMENTS. SHREDDED HARDWOOD BARK MULCH AREAS SHALL NOT RECEIVE WOVEN WEED BARRIER FABRIC.
- 4. 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 INSTALLATION OF TREE RING.
- 5. MATERIALS POLYETHYLENE EDGING: EDGING SHALL BE 5" DEEP, POLYETHYLENE EDGING. OWNER'S REPRESENTATIVE SHALL APPROVE PRODUCT SPECIFICATION PROVIDED BY LANDSCAPE CONTRACTOR.
- 6. 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.
- 7. MATERIALS (ALTERNATE 1): TREE WATERING BAGS: ALL TREES TO BE INSTALLED WITH ONE (1) WATER BAG. PRODUCT TO BE "TREE GATOR ORIGINAL SLOW RELEASE WATERING BAG," PRODUCT NO. 98183-R OR APPROVED EQUAL. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

# **SEEDING NOTES**

- 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
- MATERIALS PRAIRIE SEED MIX: DISTURBED LAWN AREAS LABELED ON PLAN AS SUCH. SHALL BE BROADCAST SEEDED WITH "DIVERSE PRAIRIE FOR MEDIUM SOILS" SEED MIX, AS PROVIDED BY PRAIRIE NURSERY, P.O. BOX 306, WESTFIELD, WISCONSIN, 53964, TEL. 608-296-3679 (OR APPROVED EQUIVALENT). INSTALL SEED WITH SUPPLEMENTAL MATERIALS AND AMENDMENTS AS RECOMMENDED BY SEED SUPPLIER AND AT RATES AND OPTIMUM TIMES OF THE YEAR AS RECOMMENDED BY THE SEED SUPPLIER TO ENSURE SUCCESSFUL GERMINATION AND SEED/ROOT ZONE GROWTH DEVELOPMENT. REFER TO PRODUCT SPECIFICATIONS AND MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION.

# 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.

1. GENERAL: ALL WORK IN THE R-O-W AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH LOCAL MUNICIPAL REQUIREMENTS. JSD SHALL BE HELD DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES. LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR CONTRACTOR IS RESPONSIBLE FOR STAKING THE PLANT MATERIALS FOR REVIEW BY OWNER PRIOR TO DIGGING AND PLACEMENT AND SHALL COORDINATE

2. DELIVERY AND HANDLING: DO NOT DELIVER MORE PLANT MATERIALS THAN CAN BE PLANTED IN ONE DAY, UNLESS ADEQUATE, APPROPRIATE AND SECURE 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 PLANTING. DO NOT PICK UP CONTAINER OR BALLED PLANTS BY STEM OR ROOTS. ALL PLANTS SHALL BE LIFTED AND HANDLED FROM THE BOTTOM OF

3. MATERIALS - PLANTS: ALL PLANTS SHALL CONFORM TO THE LATEST VERSION OF THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1. PLANTS 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 OUALITY. POSSESS TYPICAL GROWTH HABITS AND FORM FOR THEIR SPECIES AND BE FREE OF INJURY. PARKWAY TREES AND PARKING LOT TREES SHALL

DEAD BRANCHES, AND LIMBS DAMAGED OR BROKEN DURING THE PLANTING PROCESS, SHALL BE PRUNED. THIS SHALL BE THE ONLY PRUNING ALLOWED 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

SOIL AND BRANCHES. BIND AND WRAP THESE MATERIALS, ANY REJECTED PLANTS, AND ANY OTHER DEBRIS RESULTING FROM ALL PLANTING TASKS AND

BE TESTED TO ENSURE CONFORMANCE WITH THESE SPECIFICATIONS AND SHALL BE AMENDED TO MEET THESE SPECIFICATIONS. PROVIDE TEST RESULTS

HARDWOOD BARK MULCH 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

GRANULAR HERBICIDE WEED-PREVENTER SHOULD BE MIXED WITH MULCH USED TO INSTALL TREE RING AS WELL AS TOPICALLY APPLIED TO COMPLETED

MATERIALS - TURFGRASS SEED: DISTURBED LAWN AREAS LABELED ON PLAN AS SUCH, SHALL RECEIVE 6" OF TOPSOIL AND EARTH CARPET'S "MADISON

![](_page_17_Picture_46.jpeg)

![](_page_17_Picture_47.jpeg)

JSD PROJECT NO:

![](_page_18_Picture_1.jpeg)

Project Location Name of Proje Owner / Conta Contact Phone

<u>Applicability</u>

Landscape Calculations and Distribution 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.

10/2013

![](_page_18_Picture_10.jpeg)

# CITY OF MADISON LANDSCAPE WORKSHEET

Section 28.142 Madison General Ordinance

Address _	6225 UNIVERSIT	Y AVENUE	
PRIME (	JRBAN PROPER	TIES REAL ESTATE	
KEVIN Y	(ESKA		
608-848-5	060	Contact Email	KEVIN.YESKA@JSDINC.COM

\*\* Landscape plans for zoning lots greater than ten thousand (10,000) square feet in size MUST be prepared by a registered landscape architect. \*\*

The following standards apply to all exterior construction and development activity, including the expansion of existing buildings, structures and parking lots, except the construction of detached single-family and two-family dwellings and their accessory structures. The entire development site must be brought up to compliance with this section unless **all** of the following conditions apply, in which case only the affected areas need to be brought up to compliance:

(a) The area of site disturbance is less than ten percent (10%) of the entire development site during any ten-(10) year period.

(b) Gross floor area is only increased by ten percent (10%) during any ten-(10) year period.

(c) No demolition of a principal building is involved.

(d) Any displaced landscaping elements must be replaced on the site and shown on a revised landscaping plan.

Total square footage of developed area \_\_\_\_\_\_20,617

Total landscape points required \_\_\_\_\_ 347

(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 =  $\underline{217,800}$  square feet

First five (5) developed acres = 3,630 points

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 Points and Credits**

Use the table to indicate the quantity and points for all existing and proposed landscape elements.

Diant True / Flowent	Minimum Size at	Points	Credits/ Existing Landscaping		New/ Proposed Landscaping	
Plant Type/ Element	Installation		Quantity	Points Achieved	Quantity	Points Achieved
Overstory deciduous tree	2 <sup>1</sup> / <sub>2</sub> inch caliper measured diameter at breast height (dbh)	35			9	315
Tall evergreen tree (i.e. pine, spruce)	5-6 feet tall	35			4	140
Ornamental tree	1 1/2 inch caliper	15			5	75
Upright evergreen shrub (i.e. arborvitae)	3-4 feet tall	10			26	260
Shrub, deciduous	#3 gallon container size, Min. 12"-24"	3			58	174
Shrub, evergreen	#3 gallon container size, Min. 12"-24"	4			46	184
Ornamental grasses/ perennials	#1 gallon container size, Min. 8"-18"	2			352	704
Ornamental/ decorative fencing or wall	n/a	4 per 10 lineal ft.				
Existing significant specimen tree	Minimum size: 2 <sup>1</sup> / <sub>2</sub> inch caliper dbh. *Trees must be within developed area and cannot comprise more than 30% of total required points.	14 per caliper inch dbh. Maximum points per tree: 200	2	400		
Landscape furniture for public seating and/or transit connections	* Furniture must be within developed area, publically accessible, and cannot comprise more than 5% of total required points.	5 points per "seat"				
Sub Totals				400		1,852

\* As determined by ANSI, ANLA- American standards for nursery stock. For each size, minimum plant sizes shall conform to the specifications as stated in the current American Standard for Nursery Stock.

10/2013

1

Total Number of Points Provided \_\_\_\_\_2,252

2

![](_page_18_Picture_41.jpeg)

Professional Services, Inc. Englineers · Surveyors · Planners					
CREATE THE VISION TELL THE STORY					
MADISON MILWAUKEE KENOSHA APPLETON WAUSAU					
MADISON REGIONAL OFFICE 161 HORIZON DRIVE, SUITE 101 VERONA, WISCONSIN 53593 P. 608.848.5060					
CLIENT: PRIME URBAN PROPERTIES, LLC					
<sup>CLIENT ADDRESS:</sup> 2010 EASTWOOD DRIVE SUITE 201 MADISON, WI 53704					
NOTFOR CONSTRUCTION					
PROJECT: PRIME URBAN PROPERTIES DEVELOPMENT					
PROJECT LOCATION: 6225 University Avenue Madison, WI					
PLAN MODIFICATIONS: # Date: Description:					
1 11.06.19 UDC INITIAL / FINAL					
$\frac{3}{4}$					
<u>-</u>					
<u>6</u>					
8					
<u>12</u>					
<u>13</u>					
<u>15</u>					
Design/Drawn: MWS Approved: MAS					
SHEET TITLE: LANDSCAPE MUNICIPAL REQUIREMENTS					
SHEET NUMBER:					

![](_page_19_Picture_0.jpeg)

![](_page_19_Picture_1.jpeg)

![](_page_19_Figure_2.jpeg)

![](_page_19_Picture_3.jpeg)

PROJECT TITLE Prime Urban Properties Development

6225 University Avenue SHEET TITLE Basement Floor Plan

SHEET NUMBER

A-1.0 PROJECT NO. 1546

© Knothe & Bruce Architects, LLC

![](_page_20_Figure_0.jpeg)

![](_page_20_Picture_1.jpeg)

![](_page_20_Picture_2.jpeg)

# PROJECT TITLE PRIME URBAN PROPERTIES DEVELOPMENT

2 A-2.1

6225 UNIVERSITY AVENUE SHEET TITLE FIRST FLOOR PLAN

A-1.1 project number 1546 © Knothe & Bruce Architects, LLC

![](_page_21_Figure_0.jpeg)

![](_page_21_Picture_1.jpeg)

![](_page_21_Picture_3.jpeg)

![](_page_21_Figure_4.jpeg)

PROJECT TITLE PRIME URBAN PROPERTIES DEVELOPMENT

6225 UNIVERSITY AVENUE SHEET TITLE SECOND FLOOR PLAN

A-1.2 project number 1546 © Knothe & Bruce Architects, LLC

![](_page_22_Figure_0.jpeg)

![](_page_22_Picture_1.jpeg)

![](_page_22_Picture_2.jpeg)

![](_page_22_Figure_3.jpeg)

# PROJECT TITLE PRIME URBAN PROPERTIES DEVELOPMENT

6225 UNIVERSITY AVENUE SHEET TITLE THIRD FLOOR PLAN

![](_page_22_Picture_8.jpeg)

![](_page_23_Figure_0.jpeg)

![](_page_23_Picture_1.jpeg)

![](_page_23_Picture_3.jpeg)

PROJECT TITLE PRIME URBAN PROPERTIES DEVELOPMENT

6225 UNIVERSITY AVENUE SHEET TITLE FOURTH FLOOR PLAN

A-1.4 project number 1546 © Knothe & Bruce Architects, LLC

![](_page_24_Picture_0.jpeg)

![](_page_24_Picture_1.jpeg)

![](_page_24_Picture_2.jpeg)

KEY PLAN

ISSUED Issued for Land Use Submittal - November 06, 2019

PROJECT TITLE PRIME URBAN PROPERTIES DEVELOPMENT

6225 UNIVERSITY AVENUE SHEET TITLE ROOF PLAN

A-1.5 project number 1546 © Knothe & Bruce Architects, LLC

![](_page_25_Picture_0.jpeg)

![](_page_25_Figure_2.jpeg)

# ONE BEDROOM 765 S.F.

# TWO BEDROOM 1125 S.F.

![](_page_25_Figure_5.jpeg)

STUDIO 552 S.F.

![](_page_25_Picture_7.jpeg)

![](_page_25_Picture_8.jpeg)

ISSUED Issued for Land Use Submittal - Nov. 6 ,2019

PROJECT TITLE Prime Urban Properties Development

6225 University Avenue SHEET TITLE Typical Unit Plans

A-5.1 PROJECT NO. 1546 © Knothe & Bruce Architects, LLC

# 2 EAST ELEVATION A-2.1 1/8" = 1'-0"

![](_page_26_Figure_1.jpeg)

1 NORTH ELEVATION A-2.1 1/8" = 1'-0"

![](_page_26_Figure_3.jpeg)

<u>]                                      </u>		

![](_page_26_Figure_5.jpeg)

![](_page_26_Figure_6.jpeg)

ISSUED Issued for Land Use Submittal - November 06, 2019

PROJECT TITLE PRIME URBAN PROPERTIES DEVELOPMENT

6225 UNIVERSITY AVENUE SHEET TITLE EXTERIOR ELEVATIONS

![](_page_26_Picture_11.jpeg)

![](_page_27_Figure_0.jpeg)

# 1 SOUTH ELEVATION - B

EXTERIOR MATERIAL SCHEDULE						
BUILDING ELEMENT	MANUFACTURER	COLOR				
ALT. WIDTH COMPOSITE LAP SIDING - (#1)	JAMES HARDIE	NIGHT GRAY				
ALT. WIDTH COMPOSITE LAP SIDING - (#2)	JAMES HARDIE	SLATE GRAY				
COMPOSITE PANELS	LONGBOARD	DARK CHERRY				
COMPOSITE TRIM - (#T1)	JAMES HARDIE	NIGHT GRAY				
COMPOSITE TRIM - (#T2)	JAMES HARDIE	SLATE GRAY				
BRICK VENEER	ACME BRICK	CONFEDERATE BLEND				
WINDOWS	ANDERSON	BLACK				
ALUM. STOREFRONT	N/A	MATCH WINDOWS				
METAL DOORS/FRAMES	N/A	MATCH WINDOWS				
STONE SILLS & BANDS	EDWARDS	COLOR TO MATCH BRICK VENEER				
SOFFITS & FASCIA	N/A	SW 6126 - NAVAJO WHITE				
RAILINGS	SUPERIOR	BLACK				

![](_page_27_Figure_5.jpeg)

# 2 SOUTH ELEVATION - A A-2.2 1/8" = 1'-0"

# ROOF ELEVATION 147'-0"

FOURTH FLOOR 133'-5 5/8"

\_<u>SECOND FLOOR</u> 111'-1 7/8"

\_FIRST\_FLOOR 100'-0"

BASEMENT 90'-0"

ROOF ELEVATION 147'-0"

EOURTH FLOOR 133'-5 5/8"

\_ <u>THIRD</u> FLOOR 122'-3 3/4"

SECOND FLOOR 111'-1 7/8"

FIRST FLOOR 100'-0"

BASEMENT 90'-0"

![](_page_27_Picture_21.jpeg)

KEY PLAN

ISSUED Issued for Land Use Submittal - November 06, 2019

PROJECT TITLE PRIME URBAN PROPERTIES DEVELOPMENT

6225 UNIVERSITY AVENUE SHEET TITLE EXTERIOR ELEVATIONS

![](_page_27_Picture_27.jpeg)

![](_page_28_Figure_0.jpeg)

![](_page_28_Figure_1.jpeg)

# 2 WEST ELEVATION - B A-2.3 1/8" = 1'-0"

![](_page_28_Picture_6.jpeg)

KEY PLAN

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ \_\_ \_\_ \_\_ \_\_ \_\_

- \_\_\_\_ \_\_ \_\_ \_\_ \_\_ \_\_\_

- \_\_\_\_ \_\_ \_\_\_ \_\_\_ \_\_\_

ISSUED Issued for Land Use Submittal - November 06, 2019

PROJECT TITLE PRIME URBAN PROPERTIES DEVELOPMENT

6225 UNIVERSITY AVENUE SHEET TITLE EXTERIOR ELEVATIONS

![](_page_28_Picture_14.jpeg)

![](_page_29_Picture_0.jpeg)

# PRIME URBAN PROPERTIES DEVELOPMENTS

6225 UNIVERSITY AVENUE RENDER IMAGE 1 A-2.4

![](_page_29_Picture_3.jpeg)

![](_page_30_Picture_0.jpeg)

# PRIME URBAN PROPERTIES DEVELOPMENTS

6225 UNIVERSITY AVENUE RENDER IMAGE 2 A-2.5

![](_page_30_Picture_3.jpeg)

![](_page_31_Picture_0.jpeg)

# PRIME URBAN PROPERTIES DEVELOPMENTS

6225 UNIVERSITY AVENUE RENDER IMAGE 3 A-2.6

![](_page_31_Picture_3.jpeg)

![](_page_32_Figure_0.jpeg)

TWO BEDROOM 1125 S.F.

![](_page_32_Figure_2.jpeg)

ONE BEDROOM 765 S.F.

![](_page_32_Figure_4.jpeg)

STUDIO 552 S.F.

![](_page_32_Picture_6.jpeg)

![](_page_32_Figure_7.jpeg)

![](_page_32_Figure_8.jpeg)

PROJECT TITLE Prime Urban Properties Development

6225 University Avenue SHEET TITLE Typical Unit Plans

A-5.1 PROJECT NO. 1546 © Knothe & Bruce Architects, LLC

# **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<sup>®</sup> or XPoint<sup>™</sup> Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background<sup>1</sup>

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

### FEATURES & SPECIFICATIONS

#### INTENDED USE

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

#### CONSTRUCTION

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

#### FINISH

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

#### OPTICS

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

#### ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted to metalcore circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

#### STANDARD CONTROLS

The DSX0 LED area luminaire has a number of control options. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensors with on-board photocells feature field-adjustable programing and are suitable for mounting heights up to 30 feet.

### nLIGHT AIR CONTROLS

The DSX0 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here.

#### INSTALLATION

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

#### LISTINGS

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

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

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

#### WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/resources/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.

![](_page_33_Picture_34.jpeg)

![](_page_34_Picture_0.jpeg)

**Specifications** 

Width:

Height:

Depth:

Weight:

![](_page_34_Picture_1.jpeg)

![](_page_34_Picture_2.jpeg)

![](_page_34_Picture_3.jpeg)

Catalog Number Notes

Туре

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

# Introduction

LIL LED is a compact and energy efficient wall luminaire ideal for replacing small incandescent and CFL luminaires. Photocell and battery pack options make LIL LED great for installations above doors, balconies, garage or warehouse entrances, and security applications. Whether directly mounting to a recessed junction box, or using the back box accessory for conduit entry/through wiring, LIL LED has you covered!

# Ordering Information

Standard

5-1/8"

2-3/4"

1.5 lbs

5'

### EXAMPLE: LIL LED 40K MVOLT WH

LIL LED						
Series	Color Temperature	Voltage	Controls	Mounting	Finish	
LIL LED	<b>30K</b> 3000 K <b>40K</b> 4000 K	<b>MVOLT</b> 120 / 277V <sup>1</sup>	(blank) None PE MVOLT button photocell <sup>1,2</sup> EL Battery pack <sup>2</sup>	(blank) None BB Back box accessory for conduit wiring <sup>3</sup>	DDBTXD Textured dark bronze WH White	

Accessories						
LIL LED BB DDBTXD	Back box for conduit entry applications, dark bronze - CI Code *249WXH					
LIL LED BB WH	Back box for conduit entry applications, white - CI Code *249WXJ					

With Battery

Pack(EL)

5-7/8"

6-1/8"

4-1/4"

3 lbs

# FEATURES & SPECIFICATIONS

#### INTENDED USE

The versatility of LIL LED combines a sleek, compact profile with photocell and emergency battery pack options to provide a great solution for wall mount applications. LIL LED is ideal for replacing up to 100W incandescent or 32W CFL luminaires in installations above doors, balconies, garage or warehouse entrances, and security applications. It can also be used for decorative and general lighting in outdoor environments.

#### CONSTRUCTION

Aluminum housing with white or textured dark bronze paint for lasting durability. The polycarbonate lens creates uniform light distribution, and it is UV resistant - great for outdoor environments!

#### OPTICS

Light engines are available in 3000K and 4000K CCTs. See Lighting Facts label and photometry reports for specific fixture performance.

#### ELECTRICAL

LED technology provides long operating life (L70/50,000 hours at 25°C). Electronic drivers have a power factor >90% and THD <20% and a minimum 2.5kV surge rating.

#### NOTES

1. MVOLT driver operates on 120V and 277V (50/60Hz).

- 2. PE and EL cannot be ordered together.
- Optional accessory for conduit entry wiring. Can be ordered with the luminaire or separately. Shipped separately. BB option is not available with emergency battery pack (EL) version.

#### INSTALLATION

Easily mounts to recessed junction boxes or for surface mounting and conduit entry — with the back box with two 1/2" threaded conduit entry hubs.

This luminaire is mounted with the lens facing down. Neutral wire is required for three phase input.

#### LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations. Rated for -40° C minimum to 40° C maximum ambient temperature. Battery pack versions are rated to 0° C minimum. Tested in accordance with IESNA LM-79 and LM-80 standards.

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

Eligible to be submitted for Title 20 and Title 24 compliance.

#### 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.

![](_page_34_Picture_36.jpeg)

One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.705.7378 • www.lithonia.com © 2017-2019 Acuity Brands Lighting, Inc. All rights reserved.

![](_page_35_Figure_0.jpeg)

A+ Capable options indicated by this color background.

Orde	ring Information		E	EXAMPLE: [	DSX0 LED P6 40	OK T3N	M N	VOLT SPA NLT	AIR2 PI	RHN DDBXD
DSX0 LED										
Series	LEDs	Color temperature	Distributio			Voltage		Mounting		
DSX0 LED	Forward optics           P1         P4         P7           P2         P5         P3         P6           Rotated optics         P101         P121           P111         P131         P131	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type T2S Type T2M Type T3S Type T3M Type T4M Type TFTM Forv mee T5VS Type	e I short T5S e II short T5M e II medium T5W e III short BLC e III medium LCCO e IV medium RCCO ward throw dium e V very short	Type V short Type V medium Type V wide Backlight control <sup>2</sup> Left corner cutoff <sup>2</sup> Right corner cutoff <sup>2</sup>	MVOLT <sup>3</sup> 120 <sup>4</sup> 208 <sup>4</sup> 240 <sup>4</sup> 277 <sup>4</sup> 347 <sup>4,5</sup> 480 <sup>4,5</sup>	,4	Shipped included SPA Squa RPA Rout WBA Wall SPUMBA Squa RPUMBA Rout Shipped separately KMA8 DDBXD U Mas (spe	are pole mount nd pole mounti bracket are pole univers nd pole univers t arm mounting cify finish)?	ing ng al mounting adaptor <sup>6</sup> al mounting adaptor <sup>6</sup> g bracket adaptor
Control opt	ions					Other	options	;	<b>Finish</b> (requ	ired)
Shipped installed         NLTAIR2       nLight AlR generation 2 enabled <sup>8,9</sup> PIRHN       Network, high/low motion/ambient sensor <sup>10</sup> PER       NEMA twist-lock receptacle only (control ordered separate) <sup>11</sup> PER5       Five-pin receptacle only (control ordered separate) <sup>11,12</sup> PER7       Seven-pin receptacle only (leads exit fixture) (control ordered separate) <sup>11,12</sup> DMG       0-10V dimming extend out back of housing for external control (control ordered separate) <sup>13</sup>		PIR       High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc <sup>14,15</sup> PIRH       High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc <sup>14,15</sup> PIR1FC3V       High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>14,15</sup> PIR1FC3V       High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc <sup>14,15</sup> PIR1FC3V       High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc <sup>14,15</sup> FAO       Field adjustable output <sup>16</sup>		Shipped installed         HS       House-side shield <sup>17</sup> SF       Single fuse (120, 277, 347V) <sup>4</sup> DF       Double fuse (208, 240, 480V) <sup>4</sup> L90       Left rotated optics <sup>1</sup> R90       Right rotated optics <sup>1</sup> DDL       Diffused drop lens <sup>17</sup> Shipped separately       BS		DDBXD DBLXD DNAXD DWHXD DDBTXD DBLBXD DNATXD DWHGXD	Dark bronze Black Natural aluminum White Textured dark bronze Textured black Textured natural aluminum Textured white			

EGS

External glare shield 18

![](_page_35_Picture_3.jpeg)

# Accessories

Ordered and shipped separately.					
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) 19				
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) 19				
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) 19				
DSHORT SBK U	Shorting cap <sup>19</sup>				
DSXOHS 20C U	House-side shield for P1,P2,P3 and P4 17				
DSXOHS 30C U	House-side shield for P10,P11,P12 and P13 $^{\rm 17}$				
DSX0HS 40C U	House-side shield for P5,P6 and P7 17				
DSXODDL U	Diffused drop lens (polycarbonate) 17				
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) 20				
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) <sup>6</sup>				
For more control	options, visit DTL and ROAM online. Link to nLight Air 2				

NOTES

- PTES P10, P11, P12 and P13 and rotated options (L90 or R90) only available together. Not available with H5 or DDL. WVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V. Not available with BL30, BL50 or PNMT options. Universal mounting brackets intended for retrofit on existing pre-drilled poles only. 1.5 G vibration load rating per ANCI C136.31. Must order fixture with SPA mounting. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included). Must be ordered with PIRN. Sensor cover available only in dark bronze, black, white and natural aluminum colors. Must be ordered with IRIAZ. For more information on nLight Air 2 visit this link Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included. If ROAM® node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included. BMG not available with PIRHN, PER5, PER7, PIR, PIRH, PIR1FC3V or PIRH1FC3V. Reference PET Table on page 3 to see functionality. Not available with Bret. ICCO and RCCO distribution. Must be ordered with fixture for factory pre-drilling. Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3. For retrofit use only.

- 2 3 4 5 6 7 8 9 10 11 12 13 14 5 16 7 18 9 20

# EGS – External Glare Shield

![](_page_36_Picture_20.jpeg)

![](_page_36_Figure_21.jpeg)

![](_page_36_Figure_22.jpeg)

# Drilling

**HANDHOLE ORIENTATION** (from top of pole)

![](_page_36_Figure_25.jpeg)

Handhole

![](_page_36_Figure_27.jpeg)

# **Tenon Mounting Slipfitter**

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

		•	<b>.</b>	L.		•	
Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	DM32AS	DM49AS
				Minimum Acceptable	Outside Pole Dimens	ion	
SPA	#8	2-7/8"	2-7/8"	3.5"	3.5"		3.5"
RPA	#8	2-7/8"	2-7/8"	3.5"	3.5"	3"	3.5"
SPUMBA	#5	2-7/8"	3"	4"	4"		4"
RPUMBA	#5	2-7/8"	3.5"	5"	5"	3.5"	5"

![](_page_36_Picture_31.jpeg)

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

![](_page_37_Figure_3.jpeg)

![](_page_37_Picture_4.jpeg)

# Lumen Ambient Temperature (LAT) Multipliers

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

Ambio	Lumen Multiplier	
0°C	32°F	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	50°F	1.02
20°C	68°F	1.01
25°C	77°C	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

		P1	20	530	38	0.32	0.18	0.15	0.15	0.10
		P2	20	700	49	0.41	0.23	0.20	0.19	0.14
		P3	20	1050	71	0.60	0.37	0.32	0.27	0.21
	Forward Optics (Non-Rotated)	P4	20	1400	92	0.77	0.45	0.39	0.35	0.28
		P5	40	700	89	0.74	0.43	0.38	0.34	0.26
		P6	40	1050	134	1.13	0.65	0.55	0.48	0.39
		P7	40	1300	166	1.38	0.80	0.69	0.60	0.50
-		P10	30	530	53	0.45	0.26	0.23	0.21	0.16
	Rotated Optics	P11	30	700	72	0.60	0.35	0.30	0.27	0.20
	or R90)	P12	30	1050	104	0.88	0.50	0.44	0.39	0.31
		P13	30	1300	128	1.08	0.62	0.54	0.48	0.37

Drive Current

120

208

240

277

347

480

0.08

0.11

0.15

0.20

0.20

0.29

0.37

0.12

0.16

0.23

0.27

**Electrical Load** 

Performance Package

# 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	Lumen Maintenance Factor
25,000	0.96
50,000	0.92
100,000	0.85

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 separate Dusk to Dawn or timer.										

### **Controls Options**

Nomenclature	Descripton	Functionality	Primary control device	Notes
FAO	Field adjustable output device installed inside the lumiaire; wired to the driver dimming leads.	Allows the lumiaire to be manually dimmed, effectively trimming the light output.	FAO device	Cannot be used with other controls options that need the 0-10V leads
DS	Drivers wired independantly for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two seperately switched circuits. Consider nLight AIR as a more cost effective alternative.
PER5 or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.	Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM.	Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire
PIR or PIRH	Motion sensors with integral photocell. PIR for 8-15' mounting; PIRH for 15-30' mounting	Luminaires dim when no occupancy is detected.	Acuity Controls SBOR	Also available with PIRH1FC3V when the sensor photocell is used for dusk-to-dawn operation.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclypse.	nLight Air rSDGR	nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app.

![](_page_38_Picture_12.jpeg)

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

Forward Optics																				
Power		Drive	System	Dist			30K					40K			50K					
Package	LED Count	Current	Watts	Туре		(3000 D	K, 70 (	CRI)	LDW	1	(4000	K, 70 (	CRI)	LDW	1	(5000	K, 70 (	CRI)		
				T15	Lumens	В 1		1	115	4 706	В 1	0	1	174	4 766	Б 1	0	1	125	
				T2S	4,364	1	0	1	115	4,701	1	0	1	124	4,761	1	0	1	125	
				T2M	4.387	1	0	1	115	4,726	1	0	1	124	4,785	1	0	1	126	
				T3S	4,248	1	0	1	112	4,577	1	0	1	120	4,634	1	0	1	122	
				T3M	4,376	1	0	1	115	4,714	1	0	1	124	4,774	1	0	1	126	
				T4M	4,281	1	0	1	113	4,612	1	0	2	121	4,670	1	0	2	123	
D1	20	520	2011/	TFTM	4,373	1	0	1	115	4,711	1	0	2	124	4,771	1	0	2	126	
r i	20	000	2014	T5VS	4,548	2	0	0	120	4,900	2	0	0	129	4,962	2	0	0	131	
				TSS	4,552	2	0	0	120	4,904	2	0	0	129	4,966	2	0	0	131	
				T5M	4,541	3	0	1	120	4,891	3	0	1	129	4,953	3	0	1	130	
				T5W	4,576	3	0	2	120	4,929	3	0	2	130	4,992	3	0	2	131	
				BLC	3,586	1	0	1	94	3,863	1	0	1	102	3,912	1	0	1	103	
					2,668	1	0	1	/0	2,8/4	1	0	2	/6	2,911	1	0	2	//	
				KLLU T1C	2,668	1	0	1	/0	2,8/4	1	0	2	/0	2,911	1	0	2	124	
					5,570	1	0	1	114	5,001	1	0	1	122	6,070	2	0	2	124	
				125	5,304	1	0	1	114	5,994	1	0	2 1	122	6,070	2 1	0	1	124	
				T20	5,393	1	0	2	114	5 835	1	0	2	125	5 000	2	0	2	125	
				T3M	5 580	1	0	2	114	6.011	1	0	2	173	6.087	1	0	2	121	
				T4M	5 458	1	0	2	111	5 880	1	0	2	120	5 955	1	0	2	124	
					TFTM	5,576	1	0	2	114	6.007	1	0	2	120	6.083	1	0	2	122
P2	P2 20 700	700	49W	TSVS	5,799	2	0	0	118	6,247	2	0	0	127	6.327	2	0	0	129	
				TSS	5,804	2	0	0	118	6.252	2	0	0	128	6.332	2	0	1	129	
				T5M	5,789	3	0	1	118	6.237	3	0	1	127	6.316	3	0	1	129	
				T5W	5,834	3	0	2	119	6,285	3	0	2	128	6,364	3	0	2	130	
				BLC	4,572	1	0	1	93	4,925	1	0	1	101	4,987	1	0	1	102	
				LCC0	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76	
				RCCO	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76	
				T1S	7,833	2	0	2	110	8,438	2	0	2	119	8,545	2	0	2	120	
					T2S	7,825	2	0	2	110	8,429	2	0	2	119	8,536	2	0	2	120
				T2M	7,865	2	0	2	111	8,473	2	0	2	119	8,580	2	0	2	121	
				T3S	7,617	2	0	2	107	8,205	2	0	2	116	8,309	2	0	2	117	
				T3M	7,846	2	0	2	111	8,452	2	0	2	119	8,559	2	0	2	121	
				T4M	7,675	2	0	2	108	8,269	2	0	2	116	8,373	2	0	2	118	
P3	20	1050	71W	TFTM	7,841	2	0	2	110	8,447	2	0	2	119	8,554	2	0	2	120	
				TSVS	8,155	3	0	0	115	8,785	3	0	0	124	8,896	3	0	0	125	
				155	8,162	3	0	1	115	8,792	3	0	1	124	8,904	3	0	1	125	
				15M	8,141	3	0	2	115	8,//0	3	0	2	124	8,881	3	0	2	125	
					6,204	3	0	2	01	8,838 6,036	4	0	2	124	8,950	4	0	2	00	
					0,429	1	0	2	91	5 152	1	0	2	90 72	5 210	1	0	2	72	
				RCCO	4,/04	1	0	2	67	5 153	1	0	2	73	5 218	1	0	2	73	
				T1S	9 791	2	0	2	106	10 547	2	0	2	115	10 681	2	0	2	116	
				T25	9 780	2	0	2	106	10,54/	2	0	2	115	10,001	2	0	2	116	
				T2M	9,831	2	0	2	107	10,550	2	0	2	115	10,005	2	0	2	117	
				T3S	9,521	2	0	2	103	10,256	2	0	2	111	10,386	2	0	2	113	
				T3M	9,807	2	0	2	107	10,565	2	0	2	115	10.698	2	0	2	116	
				T4M	9,594	2	0	2	104	10,335	2	0	3	112	10,466	2	0	3	114	
DA		0.211/	TFTM	9,801	2	0	2	107	10,558	2	0	2	115	10,692	2	0	2	116		
ľ4	20	1400	92W	T5VS	10,193	3	0	1	111	10,981	3	0	1	119	11,120	3	0	1	121	
				T5S	10,201	3	0	1	111	10,990	3	0	1	119	11,129	3	0	1	121	
				T5M	10,176	4	0	2	111	10,962	4	0	2	119	11,101	4	0	2	121	
				T5W	10,254	4	0	3	111	11,047	4	0	3	120	11,186	4	0	3	122	
				BLC	8,036	1	0	2	87	8,656	1	0	2	94	8,766	1	0	2	95	
				LCC0	5,979	1	0	2	65	6,441	1	0	2	70	6,523	1	0	3	71	
				5,979	1	0	2	65	6,441	1	0	2	70	6,523	1	0	3	71		

![](_page_39_Picture_4.jpeg)

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

Forward Optics																							
Power Package	LED Count	Drive	System Watts	Dist. Type		(3	30K 8000 K, 70 CF	RI)			(4	40K 1000 K, 70 C	RI)			(	50K 5000 K, 70 Cl	RI)					
rackage		current	Watts	Type	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW				
				T1S	10,831	2	0	2	122	11,668	2	0	2	131	11,816	2	0	2	133				
				T2S	10,820	2	0	2	122	11,656	2	0	2	131	11,803	2	0	2	133				
				T2M	10,876	2	0	2	122	11,716	2	0	2	132	11,864	2	0	2	133				
			T3S	10,532	2	0	2	118	11,346	2	0	2	127	11,490	2	0	2	129					
				T3M	10,849	2	0	2	122	11,687	2	0	2	131	11,835	2	0	2	133				
				T4M	10,613	2	0	3	119	11,434	2	0	3	128	11,578	2	0	3	130				
P5	40	700	89W	TFTM	10,842	2	0	2	122	11,680	2	0	2	131	11,828	2	0	2	133				
		,		T5VS	11,276	3	0	1	127	12,148	3	0	1	136	12,302	3	0	1	138				
				T5S	11,286	3	0	1	127	12,158	3	0	1	137	12,312	3	0	1	138				
				T5M	11,257	4	0	2	126	12,127	4	0	2	136	12,280	4	0	2	138				
				T5W	11,344	4	0	3	127	12,221	4	0	3	137	12,375	4	0	3	139				
				BLC	8,890	1	0	2	100	9,576	1	0	2	108	9,698	1	0	2	109				
				LCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81				
				RCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81				
								T1S	14,805	3	0	3	110	15,949	3	0	3	119	16,151	3	0	3	121
											T2S	14,789	3	0	3	110	15,932	3	0	3	119	16,134	3
						T2M	14,865	3	0	3	111	16,014	3	0	3	120	16,217	3	0	3	121		
				135	14,396	3	0	3	107	15,509	3	0	3	116	15,705	3	0	3	117				
				T3M	14,829	2	0	3	111	15,975	3	0	3	119	16,177	3	0	3	121				
				T4M	14,507	2	0	3	108	15,628	3	0	3	117	15,826	3	0	3	118				
P6	40	1050	134W	IFIM	14,820	2	0	3	111	15,965	3	0	3	119	16,167	3	0	3	121				
				1585	15,413	4	0	1	115	16,604	4	0	1	124	16,815	4	0	1	125				
				155	15,426	3	0	1	115	16,618	4	0	1	124	16,828	4	0	1	126				
				15M	15,387	4	0	2	115	16,576	4	0	2	124	16,786	4	0	2	125				
				15W	15,506	4	0	3	116	16,704	4	0	3	125	16,915	4	0	3	126				
				BLC	12,151	1	0	2	91	13,090	1	0	2	98	13,255	1	0	2	99				
					9,041	1	0	3	67	9,740	1	0	3	73	9,863	1	0	3	74				
				RCCO	9,041	1	0	3	6/	9,/40	1	0	3	/3	9,863	1	0	3	/4				
				115	17,023	3	0	3	103	18,338	3	0	3	110	18,570	3	0	3	112				
				125	17,005	3	0	3	102	18,319	3	0	3	110	18,551	3	0	3	112				
				12M	17,092	3	0	3	103	18,413	3	0	3	107	18,646	3	0	3	112				
				135	10,553	3	0	3	100	17,832	3	0	3	10/	18,058	3	0	3	109				
				T AM	17,051	3	0	3	103	18,369	3	0	3	111	18,601	3	0	3	112				
				14M	16,681	3	0	3	100	17,969	3	0	3	108	18,197	3	0	3	110				
P7	<b>P7</b> 40	1300	166W	IFIM	17,040	3	0	3	103	18,357	3	0	4	111	18,590	3	0	4	112				
				1585	17,723	4	0	1	107	19,092	4	0	1	115	19,334	4	0	1	116				
				155	17,/3/	4	0	2	10/	19,108	4	0	2	115	19,349	4	0	2	11/				
				15M	17,692	4	0	2	107	19,059	4	0	2	115	19,301	4	0	2	116				
				15W	17,829	5	0	3	107	19,207	5	0	3	116	19,450	5	0	3	117				
				BLC	13,971	2	0	2	84	15,051	2	0	2	91	15,241	2	0	2	92				
				LCCO	10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68				
					10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68				

![](_page_40_Picture_5.jpeg)

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.

Rotated	Rotated Optics																			
Power	LED Count	Drive	System	Dist.		(3	30K 8000 K, 70 Ci	RI)			(4	40K 4000 K, 70 C	RI)			(!	50K 5000 K, 70 C	RI)		
Package		Current	Watts	Туре	Lumens	В	Ŭ	G	LPW	Lumens	В	U	G	LPW	Lumens	В	U	G	LPW	
				T1S	6,727	2	0	2	127	7,247	3	0	3	137	7,339	3	0	3	138	
				T2S	6,689	3	0	3	126	7,205	3	0	3	136	7,297	3	0	3	138	
				12M	6,809	3	0	3	128	7,336	3	0	3	138	7,428	3	0	3	140	
			T3M	6,202	3	0	2	124	7,094	3	0	3	134	7,105	3	0	3	130		
				T4M	6.677	3	0	3	120	7,193	3	0	3	136	7,424	3	0	3	137	
		53.0	5311/	TFTM	6,850	3	0	3	129	7,379	3	0	3	139	7,472	3	0	3	141	
P10	30	530	53W	T5VS	6,898	3	0	0	130	7,431	3	0	0	140	7,525	3	0	0	142	
				T5S	6,840	2	0	1	129	7,368	2	0	1	139	7,461	2	0	1	141	
				T5M	6,838	3	0	1	129	7,366	3	0	2	139	7,460	3	0	2	141	
				T5W	6,777	3	0	2	128	7,300	3	0	2	138	7,393	3	0	2	139	
				BLC	5,626	2	0	2	106	6,060	2	0	2	114	6,137	2	0	2	116	
				LCCO	4,018	1	0	2	76	4,328	<u> </u>	0	2	82	4,383	1	0	2	83	
				T1S	4,013	3	0	3	/0	4,323	3	0	3	82	4,3//	3	0	3	83 130	
				T25	8 545	3	0	3	119	9,200	3	0	3	129	9,370	3	0	3	129	
				T25	8.699	3	0	3	121	9.371	3	0	3	130	9.490	3	0	3	132	
				T3S	8.412	3	0	3	117	9.062	3	0	3	126	9,177	3	0	3	132	
				T3M	8,694	3	0	3	121	9,366	3	0	3	130	9,484	3	0	3	132	
				T4M	8,530	3	0	3	118	9,189	3	0	3	128	9,305	3	0	3	129	
D11	20	700	721/1	TFTM	8,750	3	0	3	122	9,427	3	0	3	131	9,546	3	0	3	133	
r II	50	700	/200	T5VS	8,812	3	0	0	122	9,493	3	0	0	132	9,613	3	0	0	134	
				T5S	8,738	3	0	1	121	9,413	3	0	1	131	9,532	3	0	1	132	
			T5M	8,736	3	0	2	121	9,411	3	0	2	131	9,530	3	0	2	132		
			15W	8,657	4	0	2	120	9,326	4	0	2	130	9,444	4	0	2	131		
			BLC	/,I8/ 5 122	3	0	3	100	7,742	3	0	3	108	7,840	3	0	3	109		
				RCCO	5 126	3	0	2	71	5,529	3	0	2	77	5,599	3	0	2	70	
				TIS	12,149	3	0	3	117	13.088	3	0	3	126	13,253	3	0	3	127	
					T2S	12,079	4	0	4	116	13,012	4	0	4	125	13,177	4	0	4	127
				T2M	12,297	3	0	3	118	13,247	3	0	3	127	13,415	3	0	3	129	
				T3S	11,891	4	0	4	114	12,810	4	0	4	123	12,972	4	0	4	125	
				T3M	12,290	3	0	3	118	13,239	4	0	4	127	13,407	4	0	4	129	
				T4M	12,058	4	0	4	116	12,990	4	0	4	125	13,154	4	0	4	126	
P12	30	1050	104W	TFTM	12,369	4	0	4	119	13,325	4	0	4	128	13,494	4	0	4	130	
				TSVS	12,456	3	0	1	120	13,419	3	0	1	129	13,589	4	0	1	131	
				155	12,351	3	0	1	119	13,306	3	0	1	128	13,4/4	3	0	1	130	
				TSW	12,349	4	0	2	119	13,303	4	0	2	128	13,4/1	4	0	2	130	
				BIC	10 159	3	0	3	98	10 944	3	0	3	127	11 083	3	0	3	120	
				100	7.256	1	0	3	70	7.816	1	0	3	75	7.915	1	0	3	76	
				RCCO	7,246	3	0	3	70	7,806	4	0	4	75	7,905	4	0	4	76	
				T1S	14,438	3	0	3	113	15,554	3	0	3	122	15,751	3	0	3	123	
				T2S	14,355	4	0	4	112	15,465	4	0	4	121	15,660	4	0	4	122	
				T2M	14,614	3	0	3	114	15,744	4	0	4	123	15,943	4	0	4	125	
				T3S	14,132	4	0	4	110	15,224	4	0	4	119	15,417	4	0	4	120	
	<b>P13</b> 30 1300 128V		T3M	14,606	4	0	4	114	15,735	4	0	4	123	15,934	4	0	4	124		
			T4M	14,330	4	0	4	112	15,438	4	0	4	121	15,633	4	0	4	122		
P13		128W	IFIM	14,701	4	0	4	115	15,836	4	0	4	124	16,037	4	0	4	125		
			1585	14,804	4	0	1	116	15,948	4	0	1	125	16,150	4	0	1	126		
			100 T5M	14,079	3 4	0	2	115	15,810	3	0	2	124	16,014	3 4	0	2	125		
				T5W	14.544	4	0	3	114	15,668	4	0	3	127	15,866	4	0	3	123	
				BLC	7919	3	0	3	62	8531	3	0	3	67	8639	3	0	3	67	
				LCCO	5145	1	0	2	40	5543	1	0	2	43	5613	1	0	2	44	
					5139	3	0	3	40	5536	3	0	3	43	5606	3	0	3	44	

![](_page_41_Picture_4.jpeg)

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.

Model Number	ССТ	Rated Power	Lumens	LPW
LIL LED	3000K	8.4W	800	95

# **Electrical Load**

		Input current at given input voltage (amps)						
Model Number	Rated Power	120V	208V	240V	277V			
LIL LED	8.4W	0.07	0.04	0.03	0.03			

### **Projected LED Lumen Maintenance**

Data references the extrapolated performance projections 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
LIL LED	1.00	0.92	0.85

**Photometric Diagrams** 

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

![](_page_42_Figure_12.jpeg)

### Accessories

LIL LED BBW DDBTXD LIL LED BBW WH Back box for conduit entry applications, dark bronze Back box for conduit entry applications, white

![](_page_42_Picture_16.jpeg)

![](_page_42_Picture_17.jpeg)

# Dimensions

![](_page_43_Figure_1.jpeg)

![](_page_43_Figure_2.jpeg)

![](_page_43_Picture_3.jpeg)