

Locator Map





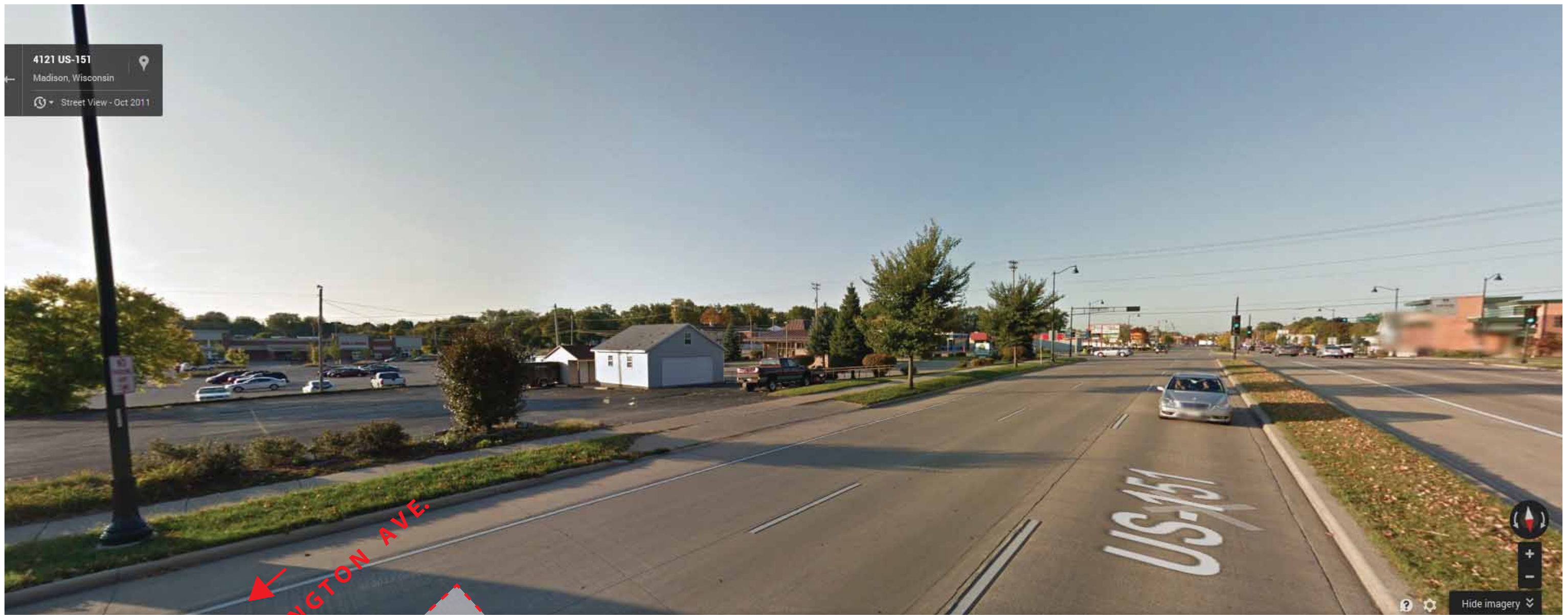
**EAST WASHINGTON AVE.**

**Project Site**

**MENDOTA**

Context Photo  
Looking South-West #1





**EAST WASHINGTON AVE.**

**Project Site**

**MENDOTA**

Context Photo  
Looking South-West #2

**ERIK'S**  
BIKES • SKIS • BOARDS

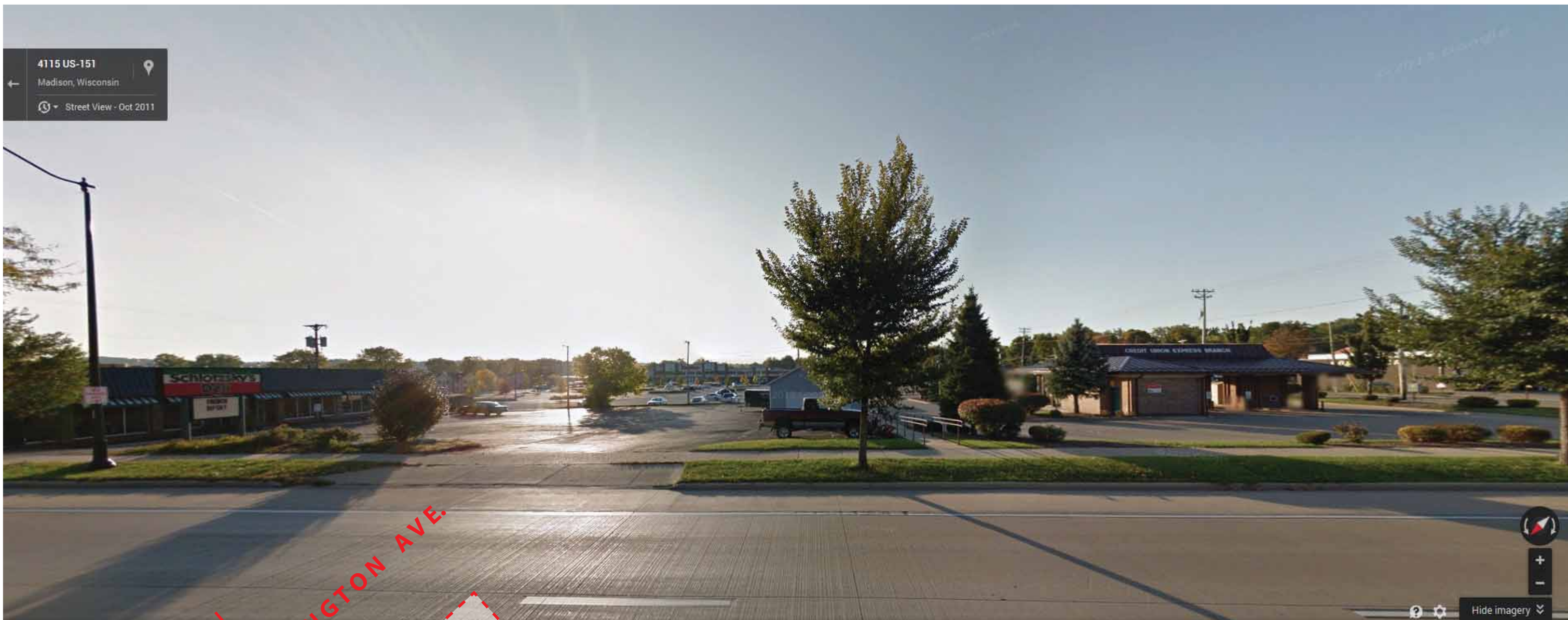
**ICONICA**



MENDOTA

Context Photo  
Looking North - East





**EAST WASHINGTON AVE.**

**Project Site**

**MENDOTA**

Context Photo  
Looking South





Storage buildings



Deli photo #1



Deli interior photo



Deli photo #2



Deli photo #3



Deli photo #4

Buildings To Be Demolished

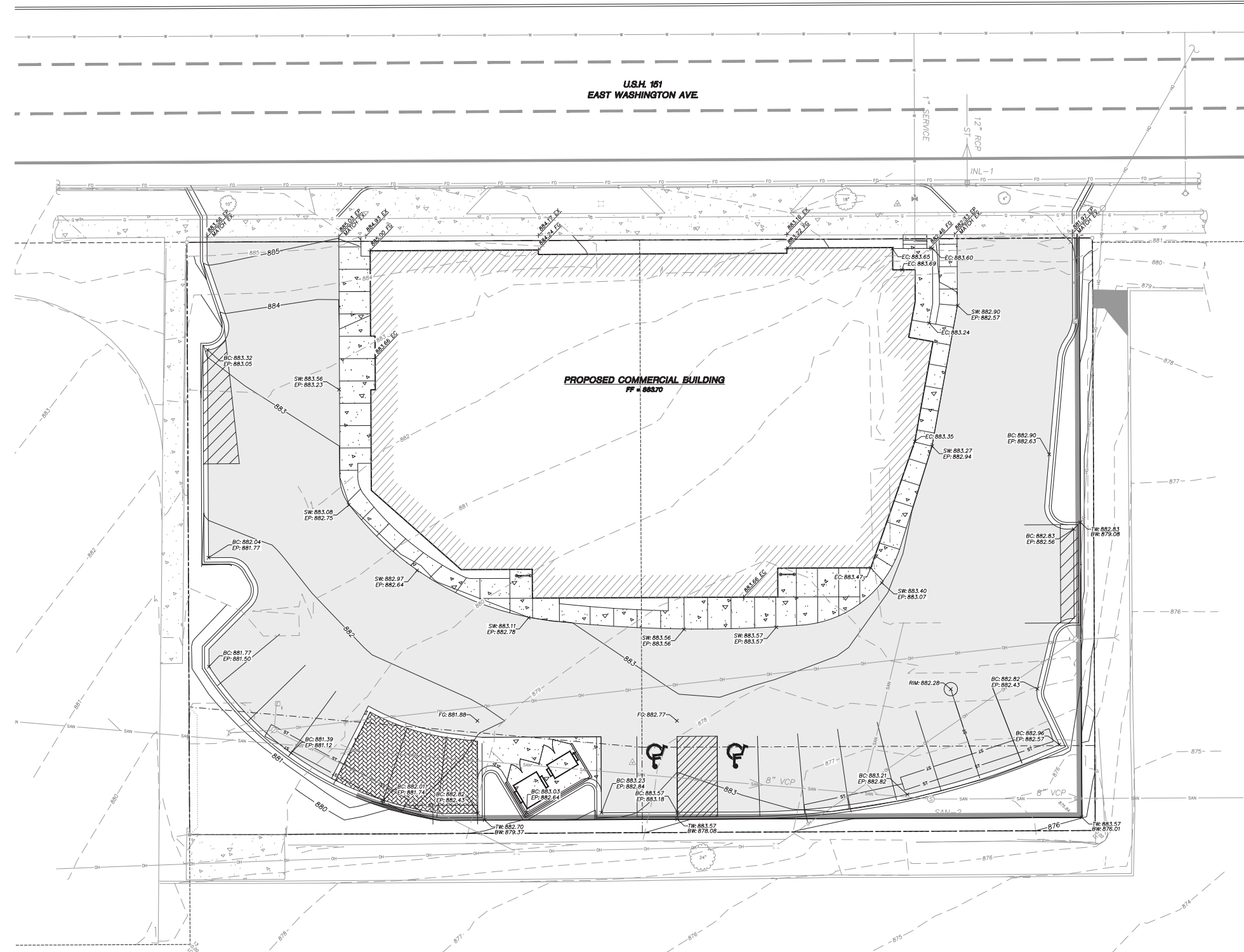








File: I:\2014\146475\DWG\146475-Construction Drawings.dwg Layout: C2.0 User: mprzak Plotfile: Jan 21, 2014 8:53am xref:



**LEGEND (PROPOSED)**

---	PROPERTY LINE
---	PROPOSED 1 FOOT CONTOUR
---	PROPOSED 5 FOOT CONTOUR
---	REJECT CURB AND GUTTER
---	STANDARD CURB AND GUTTER
---	ASPHALTIC PAVEMENT
---	CONCRETE PAVEMENT
---	SILT FENCE
---	SPOT ELEVATION
---	BC - BACK OF CURB
---	EC - EDGE OF CONCRETE
---	FC - FINAL GRADE
---	HP - HIGH POINT
---	SW - SIDEWALK
---	TW - TOP OF WALL
---	BW - BOTTOM OF WALL

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

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO CLIENT SATISFACTION THROUGH TRUST, QUALITY AND EXPERIENCE"

MADISON REGIONAL OFFICE  
 161 HORIZON DRIVE, SUITE 101  
 VERONA, WISCONSIN 53593  
 608.848.5060 PHONE | 608.848.2255 FAX

MADISON | MILWAUKEE  
 KENOSHA | APPLETON  
 www.jsdinc.com

**GENERAL NOTES**

- REFER TO THE BOUNDARY, TOPOGRAPHIC AND UTILITY SURVEY DATED 10-17-2014 AND FOR EXISTING CONDITIONS NOTES AND LEGEND.
- ALL WORK IN THE ROW SHALL BE IN ACCORDANCE WITH WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION.
- 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.
- DRAWING FOR REVIEW - NOT FOR CONSTRUCTION UNLESS OTHERWISE NOTED IN THE TITLE BLOCK.

**CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS**

- ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE DESIGNED AND IMPLEMENTED IN ACCORDANCE WITH THE CURRENT DEPARTMENT OF NATURAL RESOURCES EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS WHICH ARE AVAILABLE AT: <http://www.dnr.state.wi.us/runoff/stormwater/techstds.htm>
- INSTALL EROSION CONTROL MEASURES PRIOR TO ANY SITE WORK, INCLUDING GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIALS AS SHOWN ON PLAN. MODIFICATIONS TO SEDIMENT CONTROL DESIGN MAY BE CONDUCTED TO MEET UNFORESEEN FIELD CONDITIONS IF MODIFICATIONS CONFORM TO WISDOT TECHNICAL STANDARDS.
- 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. ONLINE REPORTING OF INSPECTIONS AND MAINTENANCE IS REQUIRED TO BE SUBMITTED TO THE CITY OF MADISON.
- INSPECT EROSION CONTROL MEASURES AFTER EACH 1/2" OR GREATER RAINFALL. REPAIR ANY DAMAGE OBSERVED DURING THE INSPECTION.
- EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER.
- INSTALL A TRACKING PAD, 50' LONG AND NO LESS THAN 12" THICK BY USE OF 3" CLEAR STONE. TRACKING PADS ARE TO BE MAINTAINED BY THE CONTRACTOR IN A CONDITION WHICH WILL PREVENT THE TRACKING OF MUD OR DRY SEDIMENT ONTO THE ADJACENT PUBLIC STREETS AFTER EACH WORKING DAY OR MORE FREQUENTLY AS REQUIRED BY THE CITY OF MADISON.
- INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES AND PROVIDE TEMPORARY SEEDING ON STOCKPILES WHICH ARE TO REMAIN IN PLACE FOR MORE THAN 7 DAYS.
- INSTALL CHECK DAMS WITHIN DRAINAGE DITCHES AND IN FRONT OF SILT FENCING IN ANY LOW AREA ALL IN ACCORDANCE WITH WISDOT TECHNICAL STANDARDS.
- EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.):  
 A. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.  
 B. BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.  
 C. DISCHARGE TRENCH WATER INTO A SEDIMENTATION BASIN OR FILTERING TANK IN ACCORDANCE WITH THE DEWATERING TECHNICAL STANDARD NO. 1061 PRIOR TO RELEASE INTO THE STORM SEWER, RECEIVING STREAM, OR DRAINAGE DITCH.
- INSTALL TYPE D INLET PROTECTION AROUND ALL STORM SEWER INLETS AND CATCH BASINS THAT MAY RECEIVE RUNOFF FROM AREAS UNDER CONSTRUCTION. REFER TO WISDOT FDM FOR RESPECTIVE DETAILS.
- APPLY ANIONIC POLYMER TO DISTURBED AREAS IF EROSION BECOMES PROBLEMATIC.
- ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED BY STATE INSPECTORS, LOCAL INSPECTORS, AND/OR ENGINEER SHALL BE INSTALLED WITHIN 24 HOURS OF REQUEST.
- ALL SLOPES EXCEEDING 5:1 (20%) SHALL BE STABILIZED WITH A CLASS II, TYPE B EROSION MATTING AND DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS I, TYPE B EROSION MATTING OR APPLICATION OF A WOOD APPROVED POLYMER SOIL STABILIZATION TREATMENT OR A COMBINATION THEREOF, AS REQUIRED. CONTRACTOR SHALL PROVIDE PRODUCT SPECIFICATIONS TO PROJECT ENGINEER FOR APPROVAL.
- CONTRACTOR/OWNER SHALL FILE A NOTICE OF TERMINATION UPON VEGETATIVE STABILIZATION AND/OR PROPERTY SALE IN ACCORDANCE WITH WISDOT REQUIREMENTS.
- CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO CONTROL DUST ARISING FROM CONSTRUCTION OPERATIONS. REFER TO WISDOT TECHNICAL STANDARD 1068.
- CONTRACTOR TO PROVIDE SEALED OR SOLID LID, OR FILTER BAGS ON ALL OPEN MANHOLES DURING CONSTRUCTION TO MINIMIZE SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM.
- BUILDING AND WASTE MATERIAL SHALL BE HANDLED TO PREVENT RUNOFF OF MATERIAL INTO WATERS OF THE STATE.
- NO SOLID MATERIAL IS DISCHARGED IN VIOLATION OF WISCONSIN STATUTES CHAPTERS 30 OR 31, OR USC 1344 PERMITS.
- SHOULD GRANULAR SOIL SEAMS BE ENCOUNTERED BELOW PLANNED WATER LEVELS DURING EXCAVATION OF THE POND, THESE SOILS SHALL BE OVER EXCAVATED A MINIMUM OF 2 FEET AND REPLACED WITH COMPACTED CLAY MATERIALS TO SERVE AS A PLAG.

**GRADING AND SEEDING NOTES**

- ALL DISTURBED AREAS SHALL BE SEED AND MULCHED IMMEDIATELY FOLLOWING GRADING ACTIVITIES. SEED MIX TO BE IN ACCORDANCE WITH LANDSCAPE PLAN.
- CONTRACTOR SHALL STABILIZE ANY EXPOSED SOIL SURFACES ON THE SITE WITH MULCH PRIOR TO WATER.
- 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.
- CONTRACTOR SHALL PROTECT ADJACENT PROPERTIES WITH SILT FENCING FOR EROSION CONTROL UNTIL CONSTRUCTION IS COMPLETED AND NOTICE OF TERMINATION FILED.
- CONTRACTOR SHALL WATER ALL NEWLY SEEDING AREAS DURING THE SUMMER MONTHS WHENEVER THERE IS A 7 DAY LARSE WITH NO SIGNIFICANT RAINFALL.
- CONTRACTOR TO DEEP TILL ALL COMPACTED PERVIOUS SURFACES PRIOR TO SEEDING AND MULCHING. THIS MUST BE VERIFIED BY THE ENGINEER AS PART OF THE AS-BUILT CERTIFICATION.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF MADISON A MINIMUM OF TWO (2) WORKING DAYS IN ADVANCE OF ANY SOIL DISTURBING ACTIVITY.

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

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO CLIENT SATISFACTION THROUGH TRUST, QUALITY AND EXPERIENCE"

• CIVIL ENGINEERING  
 • SURVEYING & MAPPING  
 • CONSTRUCTION SERVICES  
 • WATER RESOURCES  
 • PLANNING & DEVELOPMENT  
 • TRANSPORTATION ENGINEERING  
 • STRUCTURAL ENGINEERING  
 • LANDSCAPE ARCHITECTURE

MADISON REGIONAL OFFICE  
 161 HORIZON DRIVE, SUITE 101  
 VERONA, WISCONSIN 53593  
 608.848.5060 PHONE | 608.848.2255 FAX

MADISON | MILWAUKEE  
 KENOSHA | APPLETON  
 www.jsdinc.com

SERVICES PROVIDED TO:  
**ICONICA**

PROJECT:  
**ERIK'S BIKE SHOP  
 E. WASHINGTON AVE.**

PROJECT LOCATION:  
 CITY OF MADISON  
 DANE COUNTY, WI

JSD PROJECT NO.: 14-6475

SEALS/SIGNATURE:

ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKING THEM FOR ACCURACY, THE CONTRACTOR AND SUBCONTRACTORS MUST CHECK ALL DETAIL AND DIMENSIONS OF THEIR TRADE AND BE RESPONSIBLE FOR THE SAME.

DESIGN:	MDS	11/18/14
DRAWN:	MDS	11/18/14

APPROVED:

PLAN MODIFICATIONS:	
LOC. SUBMITTAL:	02/15/14

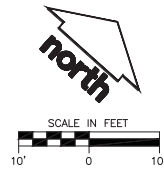
**DIGGERS & HOTLINE**

Toll Free (800) 242-8511  
 Milwaukee Area (414) 259-1181  
 Hearing Impaired TDD (800) 545-2289  
 www.DiggerandHotline.com

SHEET TITLE:  
**GRADING AND  
 EROSION CONTROL  
 PLAN**

SHEET NUMBER:  
**C-2.0**

**PRELIMINARY  
 GRADING AND EROSION CONTROL PLAN**





Erik's - Multi Tenant Retail  
Perspective view from East Washington  
looking South East





Erik's - Multi Tenant Retail  
Perspective view from East Washington  
looking South West





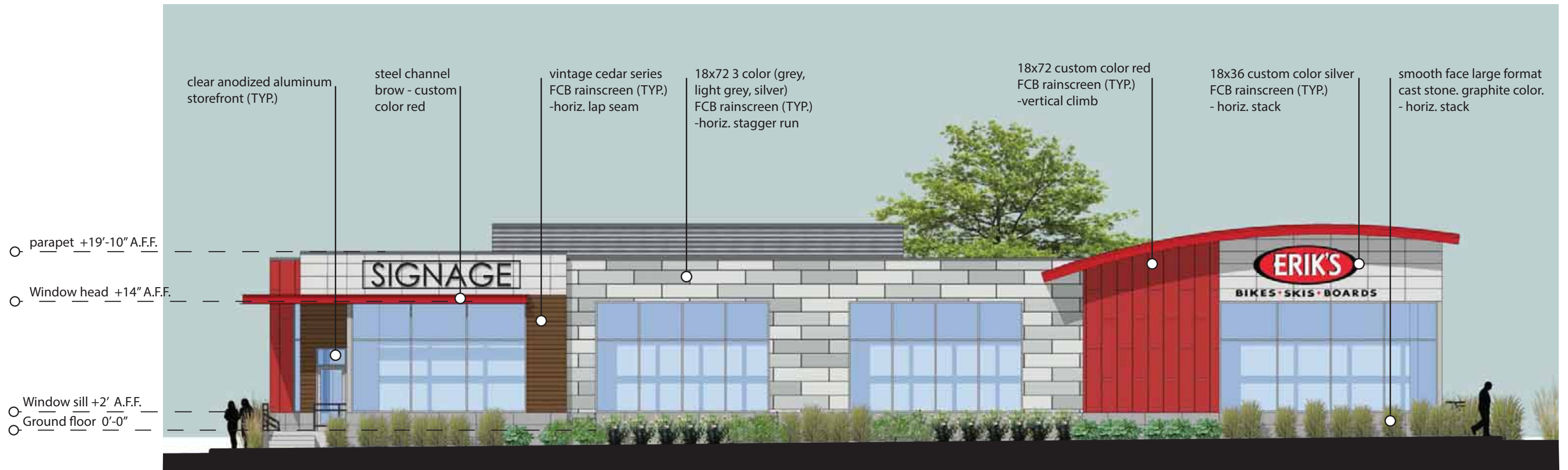
Erik's - Multi Tenant Retail  
Perspective view looking North West





Erik's - Multi Tenant Retail  
Perspective view looking North East





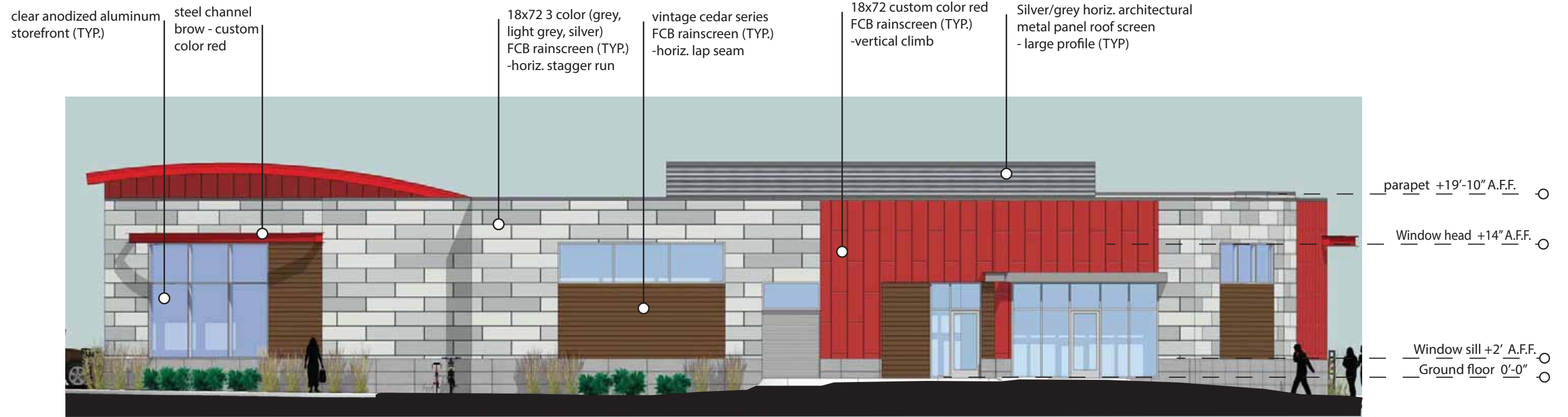
## Erik's - Multi Tenant Retail North Elevation





## Erik's - Multi Tenant Retail West Elevation





## Erik's - Multi Tenant Retail South Elevation







18x72 3 color (grey,  
light grey, silver)  
FCB rainscreen (TYP.)  
-horiz. stagger run

Silver/grey horiz. architectural  
metal panel roof screen  
- large profile (TYP)

18x72 custom color red  
FCB rainscreen (TYP.)  
-vertical climb

standing seam metal roof canopy  
custom color red

parapet +19'-10" A.F.F. ○

Window head +14" A.F.F. ○


Window sill +2' A.F.F. ○


Ground floor 0'-0" ○



## Erik's - Multi Tenant Retail East Elevation



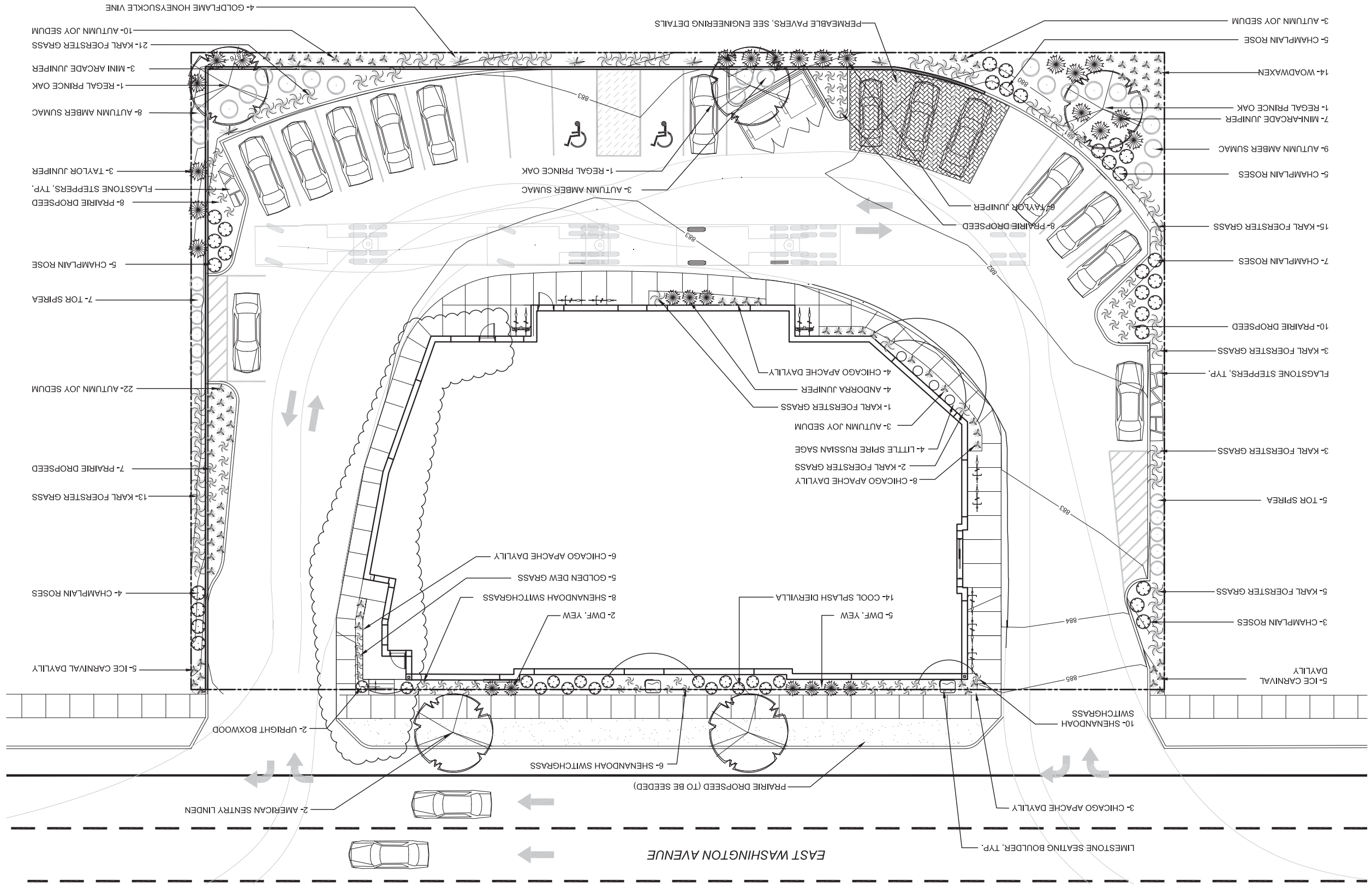

  
 SHEET NUMBER  
 1 OF 2  
 CAD FILE  
 14\_1121 Landscape  
 DATE  
 Revised 01.20.15  
 PROJECT NUMBER  
 ERIK'S BIKES  
 DRAWN BY  
 Eric Seidel

Drawing Title  
**Landscape Plan**  


**ERIK'S BIKES**  
**SKIS AND BOARDS**  
 MADISON, WISCONSIN

THOMAS G. LANSCH  
 L.A. 159  
 WATERLOO  
 WI  
 LANDSCAPE ARCHITECT

**MCKAY**  
**NURSERY COMPANY**  
 Since 1897 • An Employee Owned Company  
 PO Box 185  
 750 S. Monona Street  
 Waterloo, WI 53594  
 (7) 920.478.2121  
 (7) 920.238.4242  
 (F) 920.478.3515  
 www.mckaynursery.com



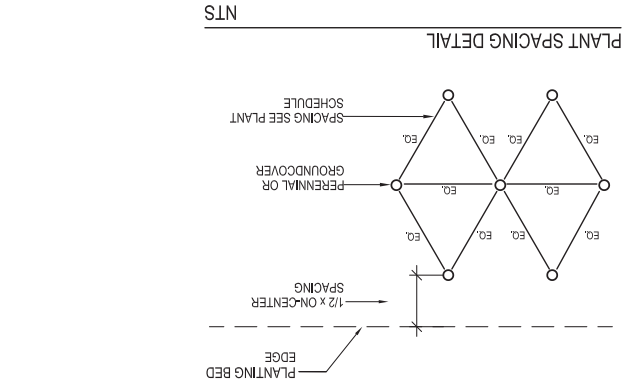
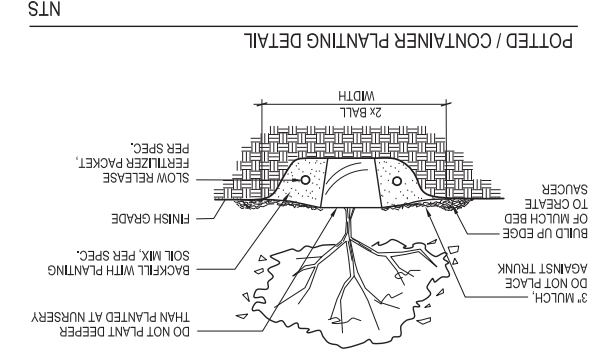
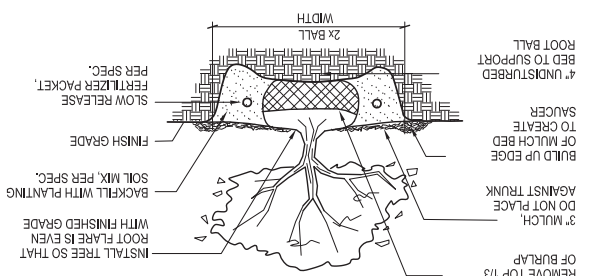
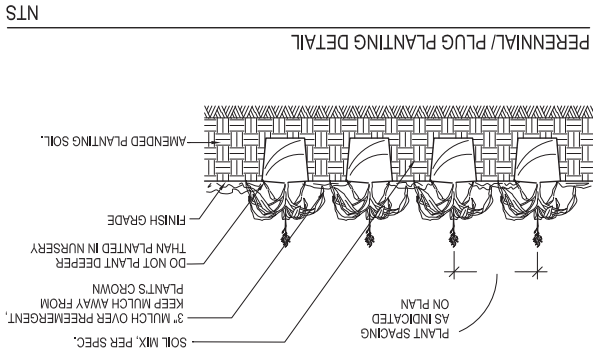
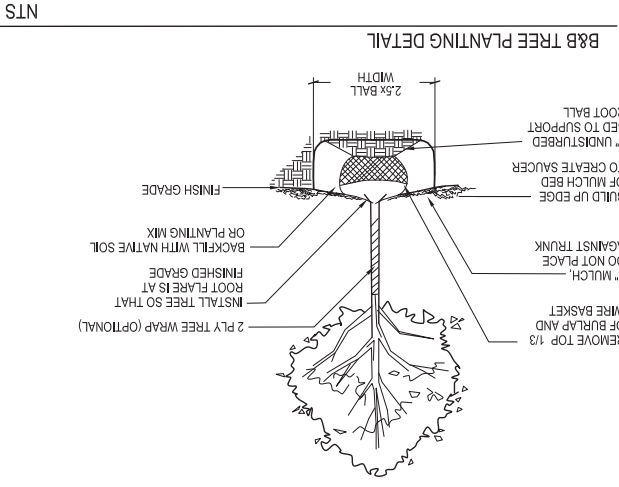
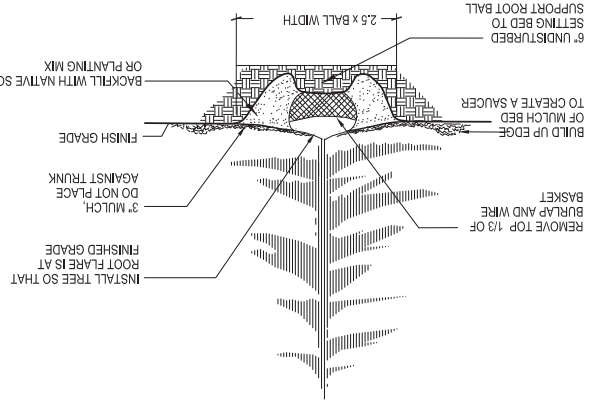
OVERALL LANDSCAPE CALCULATIONS

DEVELOPED AREA 18,315 SF  
 REQUIRED LANDSCAPE UNITS 61 UNITS  
 LANDSCAPE POINTS REQUIRED 305 POINTS  
 LANDSCAPE POINTS PROVIDED 965 POINTS

PLANT SCHEDULE - PROPOSED PLANTINGS

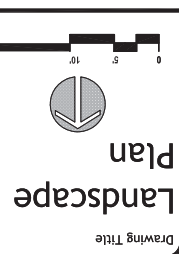
DECIDUOUS TREES	Qty	Size	Points
Regal Prince Oak	3	2 1/2" B&B	105
DECIDUOUS SHRUBS	29	3 gal. Cont.	87
Champlain Rose			
Rosa 'Champlain'	14	1 gal. Cont.	42
Woodoxen			
Gensia tinctoria	14	1 gal. Cont.	42
Autumn Amber Sumac			
Rhus trilobata 'Autumn Amber'	21	3 gal. Cont.	63
Birchleaf Spiraea			
Spiraea betulifolia 'Tor'	10	3 gal. Cont.	30
Cool Spash Diervilla			
Diervilla sessifolia 'LPDC Podaras'	14	3 gal. Cont.	42
EVERGREEN SHRUBS	10	5 gal. Cont.	40
Mini Arcade Juniper			
Juniperus sabinna 'Mini Arcade'	10	5 gal. Cont.	40
Andorra Juniper			
Juniperus horizontalis 'Pumosa'	4	5 gal. Cont.	16
Dwarf Yew			
Taxus cuspidata 'Nana'	6	5 gal. Cont.	24
UPRIGHT EVERGREEN	9	5' B&B	90
Taylor Juniper			
Juniperus virginiana 'Taylor'	9	5' B&B	90
HERBACEOUS PLANTS			
Karl Foerster Reed Grass			
Calamagrostis acutiflora 'Karl Foerster'	64	1 gal. Cont.	128
Prairie Dropseed			
Sporobolus heterolepis	31	1 gal. Cont.	62
Golden Dew Grass			
Deschampsia cespitosa 'Goldtau'	5	1 gal. Cont.	10
Shenandoah Switchgrass			
Panicum virgatum 'Shenandoah'	20	1 gal. Cont.	40
Cordinal Flower			
Labelia cordalis	12	1 gal. Cont.	24
Autumn Joy Sedum			
Sedum x Herbstruede'	36	1 gal. Cont.	72
Chicago Apache Daylily			
Hemerocallis 'Chicago Apache'	23	1 gal. Cont.	46
Ice Carnival Daylily			
Hemerocallis 'Ice Carnival'	10	1 qt. Cont.	20
Little Spire Russian Sage			
Perovskia 'Little Spire'	4	1 qt. Cont.	8
Gold Dew Grass			
Deschampsia 'Gold Dew'	8	1 gal. Cont.	16
<b>TOTAL POINTS</b>			<b>965</b>

1. Contractor shall contact Diggers Hotline prior to starting work and shall be responsible for verification of all utilities.
2. Upon completion of the work, remove all excess materials, debris tools, and equipment from the site. Contractor shall repair any damage to plant material and lawn areas resulting from mobilization, storage, or construction.
3. Final layout and materials shall be approved by landscape architect prior to installation.
4. Contractor shall be responsible of clean-up of all disturbed areas. Disturbed lawn areas shall be seeded.
5. All turf areas shall be covered with Futera Erosion Netting.
6. Existing plants to remain will be flagged by Landscape Architect. Planting layout shall be adjusted on-site to accommodate existing plantings.
7. All planting beds shall be mulch with 1.5" diameter washed stone over filter fabric.

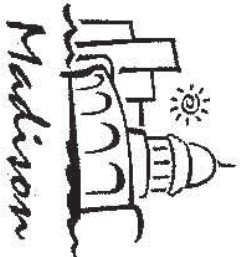


**MCKAY NURSERY COMPANY**  
 Since 1897 - An Employee Owned Company  
 PO Box 185  
 750 S. Monona Street  
 Watertown, WI 53594  
 (7) 920.478.2121  
 (7) 920.298.4242  
 (F) 920.478.3515  
 www.mckaynursery.com

**ERIK'S BIKES SKIS AND BOARDS**  
 MADISON, WISCONSIN



DRAWN BY  
 ETRC Seidl  
 PROJECT NUMBER  
 ERIK'S BIKES  
 DATE  
 Revised 01.20.15  
 CAD FILE  
 14\_1121 Landscape  
 SHEET  
 2 OF 2  
**L2**  
 SHEET NUMBER



**CITY OF MADISON**  
**LANDSCAPE WORKSHEET**

Section 28.142 Madison General Ordinance

Project Location / Address 3025 E. WASHINGTON AVE  
Name of Project ERIK'S BIKES SKIS BOARDS  
Owner / Contact ERIK SALYD  
Contact Phone 920-351-8345 Contact Email erik@enksbikeshop.com

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

Applicability

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.

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.

Total square footage of developed area 18315 SF

Total landscape points required 305

- (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 = 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.

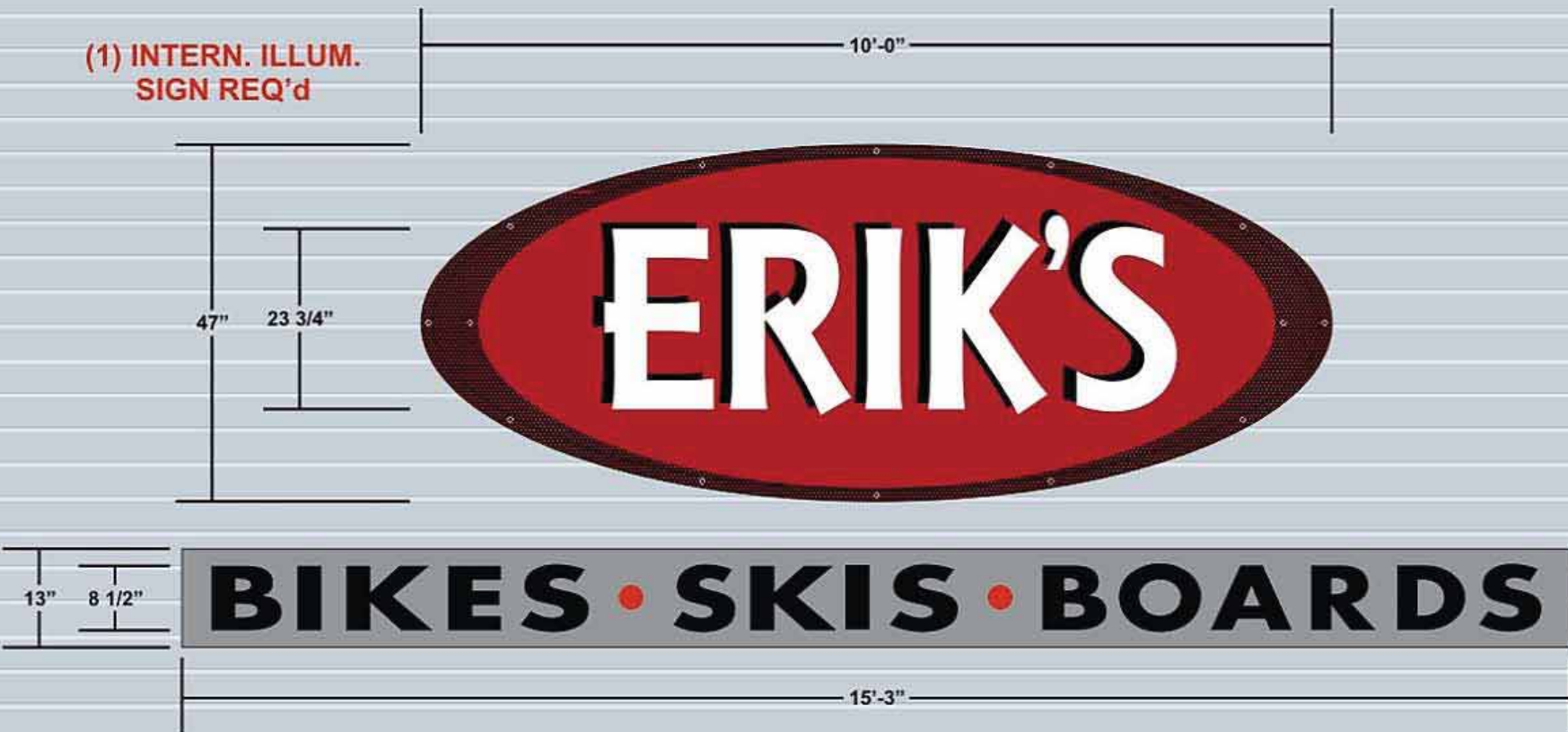
Plant Type/ Element	Minimum Size at Installation	Points	Credits/ Existing Landscaping		New/ Proposed Landscaping	
			Quantity	Points Achieved	Quantity	Points Achieved
Overstory deciduous tree	2 1/2 inch caliper measured diameter at breast height (dbh)	35			3	105
Tall evergreen tree (i.e. pine, spruce)	5-6 feet tall	35				
Ornamental tree	1 1/2 inch caliper	15				
Upright evergreen shrub (i.e. arborvitae)	3-4 feet tall	10			9	90
Shrub, deciduous	#3 gallon container size, Min. 12"-24"	3			88	264
Shrub, evergreen	#3 gallon container size, Min. 12"-24"	4			20	80
Ornamental grasses/ perennials	#1 gallon container size, Min. 8"-18"	2			213	426
Ornamental/ decorative fencing or wall	n/a	4 per 10 lineal ft.				
Existing significant specimen tree	Minimum size: 2 1/2 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				
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"				
<b>Sub Totals</b>					—	965

**Total Number of Points Provided** 965

\* 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.

- (1) S/F INTERN. ILLUM. WALL SIGN
- \* SIGN CABINETS ARE TO BE FORMED OF ALUM. PAINTED BLACK.
- \* FACE IS TO BE WHITE POLYCARBONATE. ALL COPY IS TO BE WHITE w/ #3630-22 BLACK VINYL SHADOW & OPAQUE #8500-031 RED VINYL BACKGROUND.
- \* PERFORATED METAL (.063" ALUM.) IS TO BE PAINTED BLACK & MOUNTED 1" OFF FACE OF SIGN.
- \* "BIKES - SKIS - BOARDS" CABINET IS TO BE FORMED OF ALUM. PAINTED METALLIC SILVER. ALL COPY IS TO BE ROUTED OUT & BACKED w/ MILK WHITE ACRYLIC. COPY IS TO HAVE 3M DUAL COLOR PERFORATED VINYL (BLACK/WHITE). CIRCLES ARE TO HAVE #8500-031 RED VINYL. SIGN IS TO BE INTERN. ILLUM. w/ WHITE LED's & MOUNTED FLUSH TO BUILDING.

(1) INTERN. ILLUM. SIGN REQ'd



WHITE "ERIK'S" & DUAL COLOR WHITE "BIKES - SKIS - BOARDS" WILL LIGHT DIFFERENTLY AT NIGHT

APPROX. NIGHT VIEW



"Erik's" sign - 47" x 120" = 39.2 SqFt  
Secondary cabinet - 13" x 183" = 16.5 SqFt  
TOTAL = 55.7 SqFt



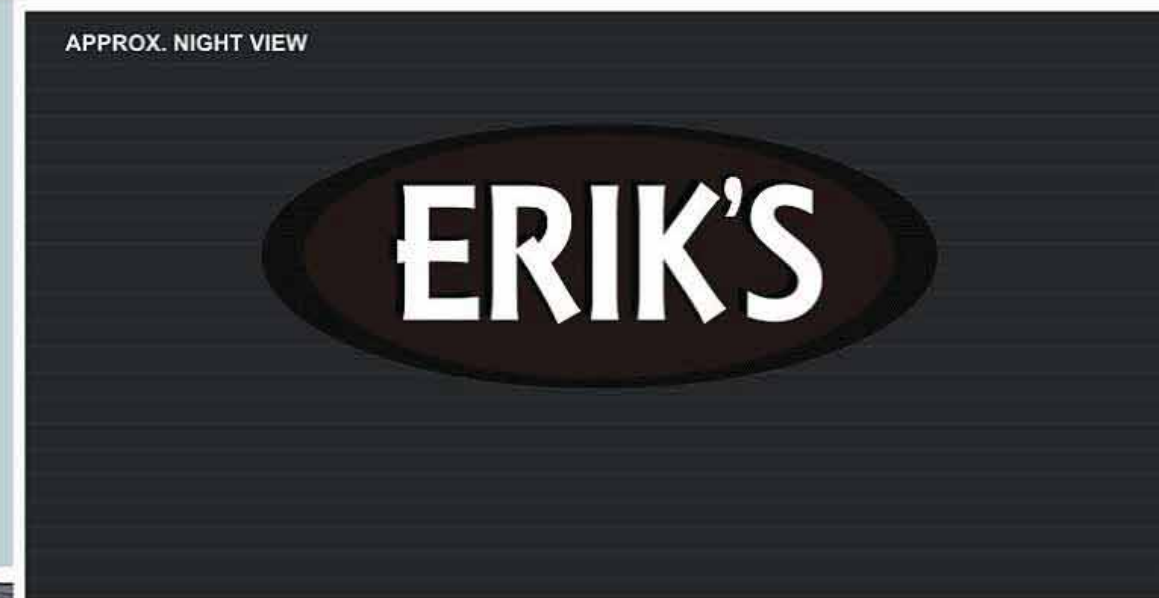
CLIENT HAS IDENTIFIED THE LOCATION IN WHICH THE SIGNAGE IS TO BE INSTALLED. THE CLIENT HAS THE SOLE RESPONSIBILITY FOR THE STRUCTURAL INTEGRITY OF ALL EXISTING STRUCTURES TO SUPPORT THE SIGNAGE.

- (1) S/F INTERN. ILLUM. INTERIOR HANGING SIGN
- \* SIGN CABINET IS TO BE FORMED OF ALUM. PAINTED BLACK.
- \* FACE IS TO BE WHITE POLYCARBONATE. ALL COPY IS TO BE WHITE w/ #3630-22 BLACK VINYL SHADOW & OPAQUE #8500-031 RED VINYL BACKGROUND.
- \* PERFORATED METAL (.063" ALUM.) IS TO BE PAINTED BLACK & MOUNTED 1" OFF FACE OF SIGN.
- \* SIGN IS TO BE HUNG FROM INTERIOR CEILING w/ SQUARE TUBE FRAME PAINTED BLACK.

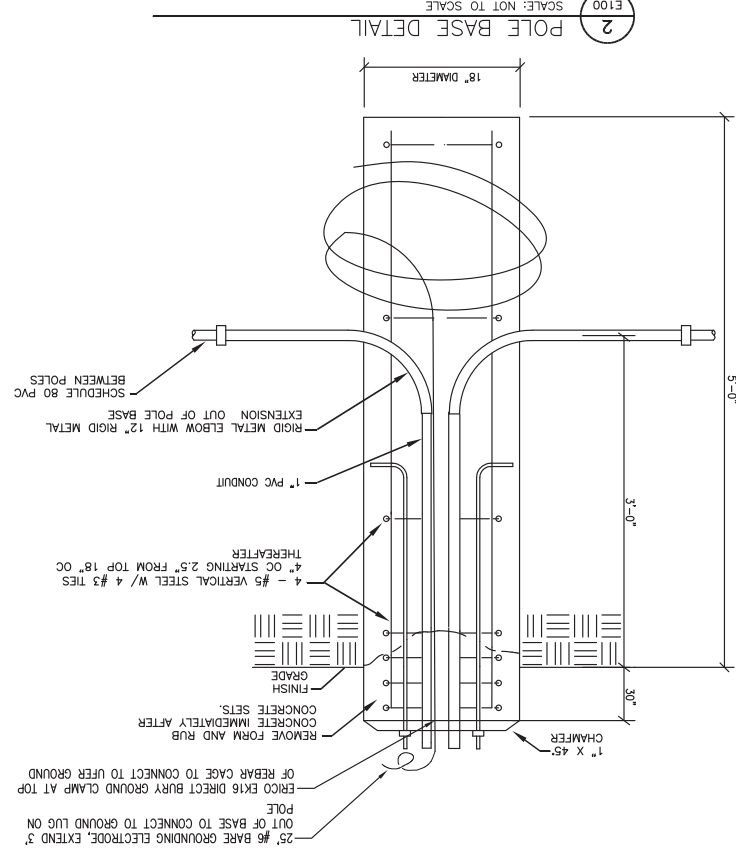
(1) INTERN. ILLUM. INTERIOR  
HANGING SIGN REQ'd



APPROX. NIGHT VIEW

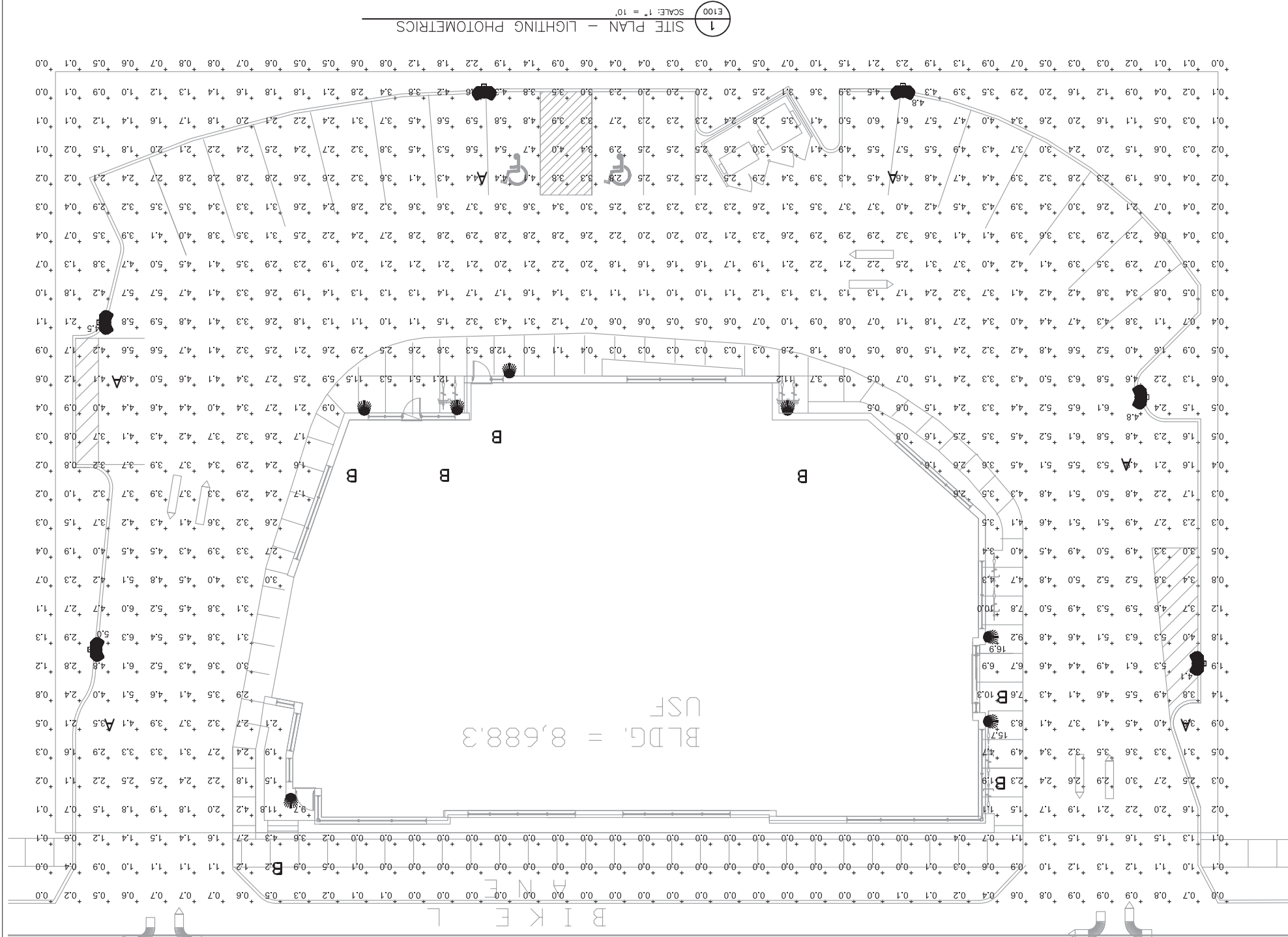


CLIENT HAS IDENTIFIED THE LOCATION IN WHICH THE SIGNAGE IS TO BE INSTALLED. THE CLIENT HAS THE SOLE RESPONSIBILITY FOR THE STRUCTURAL INTEGRITY OF ALL EXISTING STRUCTURES TO SUPPORT THE SIGNAGE.



ID	Description	Size	Manufacturer	Model #	Voltage	Lamps	Mounting	Remarks
A	LED POST MOUNTED AREA LIGHT, TYPE 4 DISTRIBUTION	3.3"x1.3"	LITHONIA	DSX1 LED 60C 700 40K 14W MVOLT HS	120	LED, 4000K, 131W, 80+CRM	15" SQUARE ALUMINUM POLE	
B	WALL MOUNTED ENTRY LIGHT, FULL CUTOFF		RAV	SLM12N	120	LED, 4000K, 14W, 80+CRM, WALL, 6" AFF		

EXTERIOR LIGHTING POWER CALCULATION		BUILDING TYPE: RETAIL		ZONE: 2	
Description	Code	Area (SF)	Allowable (W)	ID	Total Watts
BASE SITE ALLOWANCE	W	600	600	A	600
PARKING LOT & DRIVES	W/SF	13,135	788	B	788
MAIN ENTRY	W/LF	12	240		240
OTHER DOORS	W/LF	12	240		240
WALKWAYS < 10' WIDE	W/LF	260	182		182
TOTALS					
LIGHTING ALLOWANCE	>	884			
EXTERIOR COMPLIES WITH THE ENERGY CODE					
DESIGN TOTAL					884



2014 Iconica, Inc.

# E100

SHEET NUMBER

PROJECT #: 20140810

This document contains confidential or proprietary information of Iconica. Neither the document nor the information therein is to be reproduced, distributed, used or disclosed, either in whole or in part, except as specifically authorized by Iconica.

PROJECT # 20140810

ISSUE DATES:

RF/ISSUE DATE:

ERIK'S BIKE SHOP

3025 EAST WASHINGTON AVENUE  
MADISON, WISCONSIN

True Design-Build

ICONICA

901 Deming Way // Madison, WI 53717  
P: 608.664.3535 // F: 608.664.3535  
iconica@iconica.com



# D-Series Size 1

## LED Area Luminaire



**d-series**

**TYPE - A&B**

Catalog Number

Notes

Type

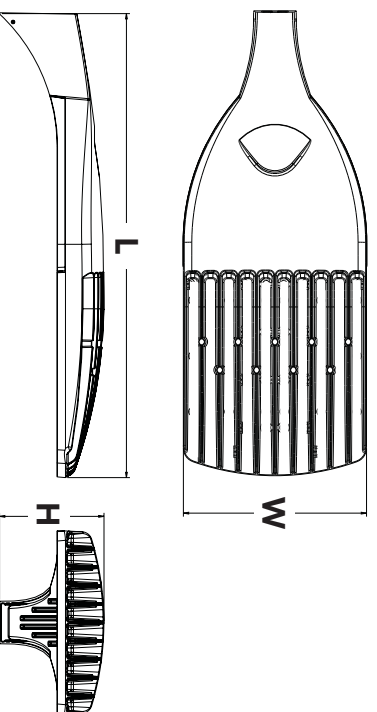
Hit the Tab key or mouse over the page to see all interactive elements.

### Introduction

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

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

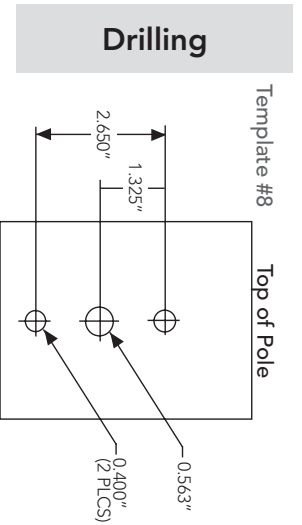
**EPA:** 1.2 ft<sup>2</sup> (0.11 m<sup>2</sup>)  
**Length:** 33" (83.8 cm)  
**Width:** 13" (33.0 cm)  
**Height:** 7-1/2" (19.0 cm)  
**Weight (max):** 27 lbs (12.2 kg)



### Ordering Information

**EXAMPLE: DSX1 LED 60C 1000 40K T3M MVOLT SPA DDBXD**

Series	LEDs	Drive current	Color temperature	Distribution	Voltage	Mounting	Control options	Other options	Finish (required)
<b>DSX1 LED</b>									
<b>Forward optics</b>						<b>Shipped included</b>	<b>Shipped installed</b>	<b>Shipped installed</b>	
30C (one engine)	530 mA	30K (3000 K (80 CRI min))	T1S Type I short	MVOLT <sup>3</sup> 120 <sup>3</sup>	SPA Square pole mounting	PER NEMA twist-lock receptacle only (no controls) <sup>7</sup>	HS House-side shield <sup>14</sup>	DDBXD Dark bronze	
40C (two engines)	700 mA	400K (4000 K (70 CRI min), 5000 K (70 CRI))	T2M Type II medium	208 <sup>3</sup>	RPA Round pole mounting	DMG 0-10V dimming driver (no controls) <sup>8</sup>	WTB Utility terminal block <sup>15</sup>	DBLXD Black	
60C (two engines)	1000 mA (1 A)	50K (5000 K (70 CRI))	T3S Type III short	240 <sup>3</sup>	WBA Wall bracket mounting	DCR Dimmable and controllable via ROAM <sup>®</sup> (no controls) <sup>9</sup>	SF Single fuse (120, 277, 347V) <sup>16</sup>	DMAXD Natural aluminum	
<b>Rotated optics<sup>1</sup></b>						SPUMBA Square pole universal mounting adaptor <sup>5</sup>	DS Dual switching <sup>10,11</sup>	DWHXD White	
60C (two engines)	AMBPC	Amber phosphor converted <sup>2</sup>	T3M Type III medium	347 <sup>4</sup>	RPU MBA Round pole universal mounting adaptor <sup>5</sup>	PIR Motion sensor, 8-15' mounting height <sup>12</sup>	DF Double fuse (208, 240, 480V) <sup>16</sup>	DMATXD Textured natural aluminum	
60C (two engines)	TFTM	Forward throw medium	T4M Type IV medium	480 <sup>4</sup>	KMA8 Mast arm mounting bracket adaptor (specify finish)	PIRH Motion sensor, 15-30' mounting height <sup>12</sup>	L90 Left rotated optics <sup>17</sup>	DWHGXD Textured white	
	T5VS	Type V very short	T5S Type V short			BL30 Bi-level switched dimming, 30% <sup>11,13</sup>	R90 Right rotated optics <sup>17</sup>		
	T5S	Type V short	T5M Type V medium			BL50 Bi-level switched dimming, 50% <sup>11,13</sup>			
	T5W	Type V wide	T5W Type V wide						



DSX1 shares a unique drilling pattern with the AERIS<sup>™</sup> family. Specify this drilling pattern when specifying poles, per the table below.

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

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

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

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

Accessories	Ordered and shipped separately.
DL1127F-1.5 JU	Photocell - SSL twist-lock (120-277V) <sup>18</sup>
DL1347F-1.5 CUL JU	Photocell - SSL twist-lock (347V) <sup>18</sup>
DL1480F-1.5 CUL JU	Photocell - SSL twist-lock (480V) <sup>18</sup>
SCU	Shorting cap <sup>18</sup>
DSXHS 30C U	House-side shield for 30 LED unit
DSXHS 40C U	House-side shield for 40 LED unit
DSXHS 60C U	House-side shield for 60 LED unit
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish)
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) <sup>18</sup>

For more control options, visit [DTI](#) and [ROAM](#) online.

### 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

- NOTES**
- Rotated optics only available with 60C.
  - AMBPC only available with 530mA or 700mA.
  - MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options). Not available with single board 530mA product (30C 530, or 60C 530 DS). Not available with DCR, BL30 or BL50.
  - Available with DCR, BL30 or BL50.
  - Available as a separate combination accessory: PUMBA (finish) U.
  - Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
  - Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Not available with DS option.
  - DMG option for 347V or 480V requires 1000mA.
  - Specifies a ROAM<sup>®</sup> enabled luminaire with 0-10V dimming capability. PER option required. Not available with 347 or 480V. Additional hardware and services required for ROAM<sup>®</sup> deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net. N/A with BL30, BL50, DS, PIR or PIRH. Requires 40C or 60C. Provides 50/50 luminaire operation via two independent drivers on two separate circuits. N/A with PER, DCR, WTB, PIR, or PIRH.
  - Requires an additional switched circuit.
  - PIR specifies the **Sensorswitch SBGR-10-ODP** control; PIRH specifies the **Sensorswitch SBGR-6-ODP** control; see **Motion Sensor Guide** for details.
  - Dimming driver standard. Not available with DS or DCR.
  - Also available as a separate accessory; see Accessories information.
  - Dimming driver standard. MVOLT only. Not available with DCR.
  - Also available as a separate accessory; see Accessories information.
  - Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
  - Available with 60 LEDs (60C option) only.
  - Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Control.



One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • Fax: 770.918.1209 • [www.lithonia.com](http://www.lithonia.com)  
 © 2011-2014 Acuity Brands Lighting, Inc. All rights reserved.

## Performance Data

### Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/-10%. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 80 minimum CRI)						40K (4000 K, 70 minimum CRI)						50K (5000 K, 70 CRI)					
				Lumens		B	U	G	LPW	Lumens		B	U	G	LPW	Lumens		B	U	G	LPW
30C (30 LEDs)	700 mA	68 W	1000 mA	105 W	T1S	5,290	1	0	1	78	6,524	2	0	2	96	7,053	2	0	2	104	
					T2S	5,540	1	0	1	81	6,833	2	0	2	100	7,387	2	0	2	109	
					T2M	5,360	1	0	2	79	6,611	2	0	2	97	7,147	2	0	2	105	
					T3S	5,479	1	0	1	81	6,757	1	0	2	99	7,305	2	0	2	107	
					T3M	5,452	1	0	2	80	6,724	2	0	2	99	7,269	2	0	2	107	
					T4M	5,461	1	0	2	80	6,736	2	0	2	99	7,282	2	0	2	107	
					TFTM	5,378	1	0	2	79	6,633	1	0	2	98	7,171	1	0	2	105	
					T5VS	5,708	2	0	0	84	7,040	3	0	0	104	7,611	3	0	1	112	
					T5S	5,639	2	0	0	83	6,955	2	0	0	102	7,519	3	0	0	111	
					T5M	5,710	3	0	1	84	7,042	3	0	1	104	7,613	3	0	2	112	
					T5W	5,551	3	0	1	82	6,847	3	0	2	101	7,401	3	0	2	109	
					T1S	7,229	2	0	2	69	9,168	2	0	2	87	9,874	2	0	2	94	
					T2S	7,572	2	0	2	72	9,603	2	0	2	91	10,342	2	0	2	98	
					T2M	7,325	2	0	2	70	9,291	2	0	2	88	10,005	2	0	3	95	
					T3S	7,488	2	0	2	71	9,496	2	0	2	90	10,227	2	0	2	97	
T3M	7,451	2	0	2	71	9,450	2	0	2	90	10,177	2	0	2	97						
T4M	7,464	2	0	2	71	9,467	2	0	2	90	10,195	2	0	2	97						
TFTM	7,351	1	0	2	70	9,323	2	0	2	89	10,040	2	0	3	96						
T5VS	7,801	3	0	1	74	9,894	3	0	1	94	10,655	3	0	1	101						
T5S	7,803	3	0	2	74	9,774	3	0	1	93	10,526	3	0	1	100						
T5M	7,707	3	0	0	73	9,897	3	0	2	94	10,658	4	0	2	102						
T5W	7,586	3	0	2	72	9,621	4	0	2	92	10,363	4	0	2	99						
T1S	6,876	2	0	2	77	8,639	2	0	2	97	9,345	2	0	2	105						
T2S	7,202	2	0	2	81	9,049	2	0	2	102	9,788	2	0	2	110						
T2M	6,968	2	0	2	78	8,755	2	0	2	98	9,469	2	0	3	106						
T3S	7,122	2	0	2	80	8,948	2	0	2	101	9,679	2	0	2	109						
T3M	7,088	2	0	2	80	8,905	2	0	2	100	9,632	2	0	2	108						
T4M	7,100	2	0	2	80	8,920	2	0	2	100	9,649	2	0	2	108						
TFTM	6,992	1	0	2	79	8,785	2	0	2	99	9,502	2	0	2	107						
T5VS	7,421	3	0	0	83	9,323	3	0	1	105	10,085	3	0	1	113						
T5S	7,331	2	0	0	82	9,210	3	0	1	103	9,962	3	0	1	112						
T5M	7,423	3	0	2	83	9,326	3	0	2	105	10,087	4	0	2	113						
T5W	7,216	3	0	2	81	9,066	4	0	2	102	9,807	4	0	2	110						
T1S	9,521	2	0	2	69	11,970	2	0	2	87	12,871	3	0	3	93						
T2S	9,972	2	0	2	72	12,558	3	0	3	91	13,481	3	0	3	98						
T2M	9,648	2	0	3	70	12,149	3	0	3	88	13,043	3	0	3	95						
T3S	9,862	2	0	2	71	12,418	2	0	2	90	13,331	2	0	2	97						
T3M	9,814	2	0	2	71	12,358	3	0	3	90	13,267	3	0	3	96						
T4M	9,831	2	0	2	71	12,379	2	0	3	90	13,290	2	0	3	96						
TFTM	9,681	2	0	2	70	12,191	2	0	3	88	13,087	2	0	3	95						
T5VS	10,275	3	0	1	74	12,937	3	0	1	94	13,890	4	0	1	101						
T5S	10,150	3	0	1	74	12,782	3	0	1	93	13,721	3	0	1	99						
T5M	10,278	4	0	2	74	12,942	4	0	2	94	13,894	4	0	2	101						
T5W	9,991	4	0	2	72	12,582	4	0	2	91	13,507	4	0	2	98						
T1S	10,226	2	0	2	78	12,871	3	0	3	98	13,929	3	0	3	106						
T2S	10,771	2	0	2	82	13,481	3	0	3	103	14,589	3	0	3	111						
T2M	10,363	2	0	3	79	13,043	3	0	3	100	14,115	3	0	3	108						
T3S	10,592	2	0	2	81	13,331	2	0	2	102	14,427	3	0	3	110						
T3M	10,541	2	0	2	80	13,267	3	0	3	101	14,357	3	0	3	110						
T4M	10,559	2	0	2	81	13,290	2	0	3	101	14,382	3	0	3	110						
TFTM	10,398	2	0	3	79	13,087	2	0	3	100	14,163	2	0	3	108						
T5VS	11,036	3	0	1	84	13,890	4	0	4	106	15,032	4	0	1	115						
T5S	10,902	3	0	1	83	13,721	3	0	1	105	14,849	4	0	1	113						
T5M	11,039	4	0	2	84	13,894	4	0	2	106	15,036	4	0	2	115						
T5W	10,732	4	0	2	82	13,507	4	0	2	103	14,617	4	0	2	112						
T1S	14,017	3	0	3	67	17,632	3	0	3	84	19,007	3	0	3	91						
T2S	14,681	3	0	3	70	18,467	3	0	3	88	19,908	3	0	3	95						
T2M	14,204	3	0	3	68	17,867	3	0	3	85	19,260	3	0	3	92						
T3S	14,518	3	0	3	69	18,262	3	0	3	87	19,687	3	0	3	94						
T3M	14,448	3	0	3	69	18,173	3	0	4	87	19,591	3	0	4	94						
T4M	14,473	3	0	3	69	18,205	3	0	3	87	19,625	3	0	4	94						
TFTM	14,253	2	0	3	68	17,928	3	0	4	86	19,326	3	0	4	92						
T5VS	15,127	4	0	1	72	19,028	4	0	1	91	20,512	4	0	1	98						
T5S	14,943	4	0	1	71	18,797	4	0	1	90	20,263	4	0	1	97						
T5M	15,131	4	0	2	72	19,033	4	0	2	91	20,517	5	0	3	98						
T5W	14,710	4	0	2	70	18,503	5	0	3	89	19,946	5	0	3	95						

**Note:** Available with phosphor-converted amber LEDs (nomenclature AMBPC). These LEDs produce light with 97+% >530 nm. Output can be calculated by applying a 0.7 factor to 4000 K lumen values and photometric files.



One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • Fax: 770.918.1209 • [www.lithonia.com](http://www.lithonia.com)  
© 2011-2014 Acuity Brands Lighting, Inc. All rights reserved.

DSX1-LED  
Rev. 10/10/14

## Performance Data

### Lumen Ambient Temperature (LAT) Multipliers

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

Ambient	Lumen Multiplier
0°C	1.02
10°C	1.01
20°C	1.00
<b>25°C</b>	<b>1.00</b>
30°C	1.00
40°C	0.99

### Electrical Load

Number of LEDs	Drive Current (mA)	System Watts	Current (A)					
			120	208	240	277	347	480
30	530	52	0.52	0.30	0.26	0.23	--	--
	700	68	0.68	0.39	0.34	0.30	0.24	0.17
	1000	105	1.03	0.59	0.51	0.45	0.36	0.26
40	530	68	0.67	0.39	0.34	0.29	0.23	0.17
	700	89	0.89	0.51	0.44	0.38	0.31	0.22
	1000	138	1.35	0.78	0.67	0.58	0.47	0.34
60	530	99	0.97	0.56	0.48	0.42	0.34	0.24
	700	131	1.29	0.74	0.65	0.56	0.45	0.32
	1000	209	1.98	1.14	0.99	0.86	0.69	0.50

### Projected LED Lumen Maintenance

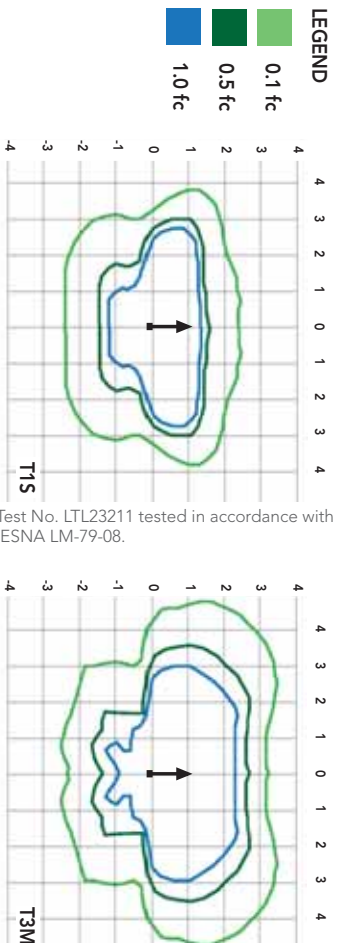
Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

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

Operating Hours	0	25,000	50,000	100,000
	Lumen Maintenance Factor	1.0	0.95	0.93
	1.0	0.99	0.98	0.96

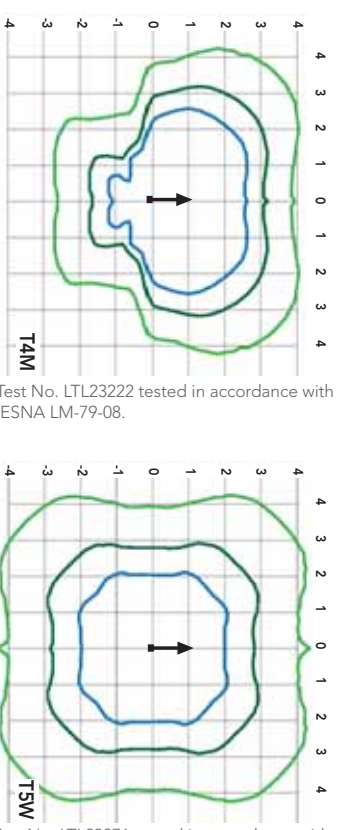
## Photometric Diagrams

Isofootcandle plots for the DSX1 LED 60C 1000 40K. Distances are in units of mounting height (20').



Test No. LTL23211 tested in accordance with IESNA LM-79-08.

Test No. LTL23164B tested in accordance with IESNA LM-79-08.



Test No. LTL23222 tested in accordance with IESNA LM-79-08.

Test No. LTL23271 tested in accordance with IESNA LM-79-08.

To see complete photometric reports or download .ies files for this product, visit [Lithonia Lighting's D-Series Area Size 1 homepage](#).

## FEATURES & SPECIFICATIONS

### INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

### 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 (1.2 ft9) 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 standard 4000 K (70 minimum CRI) or optional 3000 K (80 minimum CRI) or 5000 K (70 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

### ELECTRICAL

Light engine configurations consist of 30, 40 or 60 high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to 196/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an

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

### INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 1 utilizes the AERIS™ series pole drilling pattern. Optional terminal block, tool-less entry, and NEMA photocontrol receptacle are also available.

### LISTINGS

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

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

### WARRANTY

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

**Note:** Specifications subject to change without notice.



One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • Fax: 770.918.1209 • [www.lithonia.com](http://www.lithonia.com)  
© 2011-2014 Acuity Brands Lighting, Inc. All rights reserved.

DSX1-LED  
Rev. 10/10/14

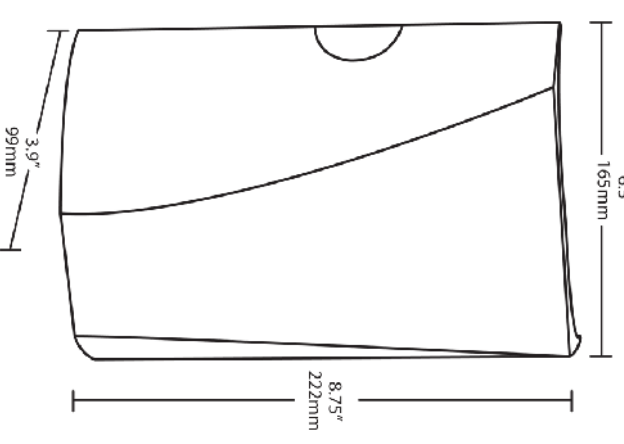
# SLIM12N

**TYPE - C**

12, 18 and 26 Watt SLIM wallpacks are ultra efficient and deliver impressive light distribution with a compact low-profile design that's super easy to install as a downlight or uplight.

Color: Bronze

Weight: 4.5 lbs



## LED Info

		Driver Info
Watts:	12W	Type: Constant Current
Color Temp:	4000K (Neutral)	120V: 0.12A
Color Accuracy:	82	208V: 0.08A
L70 Lifespan:	100000	240V: 0.07A
LM79 Lumens:	1372	277V: 0.06A
Efficacy:	99 LPW	Input Watts: 14W
		Efficiency: 86%

## Technical Specifications

### UL Listing:

Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

### IP Rating:

Ingress Protection rating of IP66 for dust and water.

### LED:

Multi-chip, long-life LED.

### Lifespan:

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

### Driver:

Constant Current, Class 2, 100-277V, 50/60 Hz., 4KV surge protection, 350mA, 100-240VAC 0.3-0.15 Amps, 277VAC 0.15Amps, Power Factor 99%.

### THD:

10.1% at 120V

### Cold Weather Starting:

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

### Ambient Temperature:

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

### Thermal Management:

Superior heat sinking with internal Air-Flow fins.

### Housing:

Precision die-cast aluminum housing.

### Mounting:

Heavy-duty mounting bracket with hinged housing for easy installation.

### Recommended Mounting Height:

Up to 8 ft.

### HID Replacement Range:

The SLIM12 can be used to replace 70W MH based on delivered lumens.

### Lens:

Tempered glass lens.

### Reflector:

Specular thermoplastic.

### Gaskets:

High-temperature silicone.

### Finish:

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

### ADA Compliant:

SLIM™ is ADA Compliant.

### DLC Listed:

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

### Dark Sky Approved:

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

### Color Consistency:

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

### Color Stability:

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

**RAB**  
LIGHTING

Tech Help Line: 888 RAB-1000

Email: sales@rabweb.com

On the web at: www.rabweb.com

SLIM12N - continued

**Color Uniformity:**

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

**Green Technology:**

Mercury and UV free, and RoHS compliant.

**California Title 24:**

SLIM12 complies with 2013 California Title 24 building and electrical codes as a residential outdoor fixture. See SLIM12/PC for a model that complies as a commercial outdoor non-pole-mounted fixture &#8804; 30 Watts.

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

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

**Patents:**

The design of the SLIM™ is protected by patents in U.S. Pat D681,864, and pending patents in Canada, China, Taiwan and Mexico.

**Country of Origin:**

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

**Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

**Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

**Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

**GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.



Tech Help Line: 888 RAB-1000

Email: [sales@rabweb.com](mailto:sales@rabweb.com)

On the web at: [www.rabweb.com](http://www.rabweb.com)

Copyright ©2014 RAB Lighting Inc. All Rights Reserved

Note: Specifications are subject to change without notice