



# URBAN DESIGN COMMISSION APPLICATION CITY OF MADISON

This form may also be completed online at:

<http://www.cityofmadison.com/planning/documents/UDCapplication.pdf>

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

Please complete all sections of the application, including the desired meeting date and the type of action requested.

Date Submitted: <u>July 22, 2015</u>	<input checked="" type="checkbox"/> Informational Presentation
UDC Meeting Date: <u>July 29, 2015</u>	<input checked="" type="checkbox"/> Initial Approval
Combined Schedule Plan Commission Date (if applicable): _____	<input checked="" type="checkbox"/> Final Approval

1. Project Address: 502 Caromar Drive  
Project Title (if any): Midvale Elementary School - Addition and Renovation

2. This is an application for (Check all that apply to this UDC application):

☐ New Development ☒ Alteration to an Existing or Previously-Approved Development

**A. Project Type:**

- ☐ Project in an Urban Design District\* (public hearing-\$300 fee)  
☐ Project in the Downtown Core District (DC) or Urban Mixed-Use District (UMX) (\$150 fee, Minor Exterior Alterations)  
☐ Suburban Employment Center (SEC) or Campus Institutional District (CI) or Employment Campus District (EC)  
☐ Planned Development (PD)  
☐ General Development Plan (GDP)  
☐ Specific Implementation Plan (SIP)  
☐ Planned Multi-Use Site or Planned Residential Complex

**B. Signage:**

- ☐ Comprehensive Design Review\* (public hearing-\$300 fee) ☐ Street Graphics Variance\* (public hearing-\$300 fee)  
☐ Signage Exception(s) in an Urban Design District (public hearing-\$300 fee)

**C. Other:**

☒ Please specify: Public Building

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

Applicant Name: Steven Kieckhafer, Architect  
Street Address: 2310 Crossroads Dr, Madison, WI  
Telephone: (608) 240-9900 x357 Fax: ( )

Company: Plunkett Raysich Architects  
City/State: Madison, WI Zip: 53718  
Email: SKieckhafer@prarch.com

Project Contact Person: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
Telephone: ( ) Fax: ( )

Company: \_\_\_\_\_  
City/State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Email: \_\_\_\_\_

Project Owner (if not applicant): Rick Hopke  
Street Address: 4711 Pflaum Road  
Telephone: (608) 204-7912 Fax: ( )

City/State: Madison, WI Zip: 53718  
Email: rhopke@madison.k12.wi.us

**4. Applicant Declarations:**

A. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Al Martin on Feb. 23, 2015 and June 9, 2015  
(name of staff person) (date of meeting)

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

Name of Applicant Steven Kieckhafer, Architect

Relationship to Property \_\_\_\_\_

Authorized Signature Steven Kieckhafer

Date July 22, 2015

July 22, 2015

Mr. Al Martin, Urban Design Commission  
Department of Planning & Community Development  
City of Madison  
215 Martin Luther King Jr. Blvd.  
Madison, WI 53701

Re: Letter of Intent  
Midvale Elementary School  
502 Caromar St, Madison, WI  
PRA Project No. 140248-08

Dear Mr. Martin:

The following submittal is our request for an Initial/Final Approval presentation to the Urban Design Commission on July 29<sup>th</sup>, 2015.

Organizational Structure:

Owner:	Madison Metropolitan School District 545 W Dayton Street Madison, WI 53703 Contact: Rick Hopke rhopke@madison.k12.wi.us	Architect:	Plunkett Raysich Architects, LLP 2310 Crossroads Dr., Ste. 2000 Madison, WI 53718 Contact: Steve Kieckhafer SKieckhafer@prarch.com
Site/Civil:	Wyser Engineering 201 ½ E Main Street Mt. Horeb, WI 53572 Contact: Wade Wise wade.wyse@wyserengineering.com	Landscape:	Ziegler Design 4797 Capital View Dr Middleton, WI 53562 Contact: Steve Ziegler steve@zdainc.com
Lighting:	KJWW Engineering 802 West Broadway Madison, WI 53713 Contact: Scott Hole holess@kjww.com		

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2310 crossroads drive suite 2000 madison, wisconsin 53718 608 240 9900  
1613 fruitville road suite 3 sarasota, florida 34236 941 348 3618

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Partners: Michael P. Brush, Martin P. Choren, Gregg R. Golden, Mark C. Herr, John J. Holz, Nicholas D. Kent,  
Steven A. Kieckhafer, Scott A. Kramer, David J. Raysich, Michael H. Scherbel, Michael J. Sobczak

### Introduction:

The Madison Metropolitan School District developed a plan to present to the tax payers of the Madison Metropolitan School District that would update existing school facilities with the following categories; accommodate student capacity, handicap accessibility within buildings and safe/secure environment. The plan that was developed affects additions/renovations and infrastructure upgrades to 16 school buildings for a total of \$39 Million dollars. That plan, accepted by the School Board to take to referendum, went to vote on April 7, 2015, and was successful with 82% of approval.

### Project Description:

The proposed addition is for a new cafeteria and kitchen space, elevator and support spaces. Current cafeteria/kitchen spaces will be converted to classroom spaces, which will accommodate the overcrowding of existing classroom space and address the student capacity. Adding the classroom space will not increase the capacity of the building, but will alleviate the existing overcrowded classrooms spaces. The current cafeteria space located in the lower level (which will be renovated to classrooms) is not accessible, the new addition will provide for handicap accessibility from the lower level to the first and second floor levels.

### Building Elements

An addition to the building will be constructed on the west side with exterior face brick and metal panels. The architecture will be complementary to the existing building by incorporating similar design elements and materials that are part of the existing building. Windows and entrances will be aluminum that will match existing finishes. An exterior plaza will be constructed with retaining walls and complementary landscaping. Sustainable features; green roof, water capture, photovoltaic, will be implemented for functional and educational purposes.

### Site Development Statistics

Lot Area ~9.00 acres

Current building Gross Floor Area	64,982 s.f.
Proposed addition of Gross Floor Area	<u>6,685 s.f.</u>
New total Gross Floor Area	71,667s.f.

### Vehicle Parking

On-site surface Parking	21 spaces	1 accessible
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Bike Parking

Bike Storage available to students, ~49 spaces

Moped Parking

Moped parking not provided

Project Schedule:

This project is anticipated to start construction in September, 2015 with completion scheduled for early 2016.

City Planning, Urban Design (UDC), Alderperson and Neighborhoods:

The following is a list of dates of which meetings were held to discuss the proposed project

February 23, 2015- City Zoning to provide notification of District progressing to referendum

April 14-June 7, 2015- Community/Parents to review project

June 9, 2015- City Zoning and UDC

June 25, 2015- DAT to present project

July 22, 2015 - Alder and Neighborhood notification

July 29, 2015 - UDC, Initial/Final Approval

Estimated Project Costs:

The project costs are estimated to be \$2,180,000

Public Subsidy:

This project will be funded totally with public bonds issued to the District through the approval of the successful referendum vote.

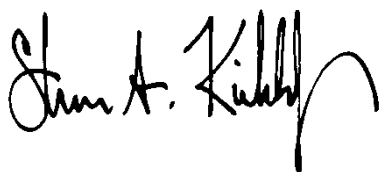




Please contact us with any questions or for additional information that you request.

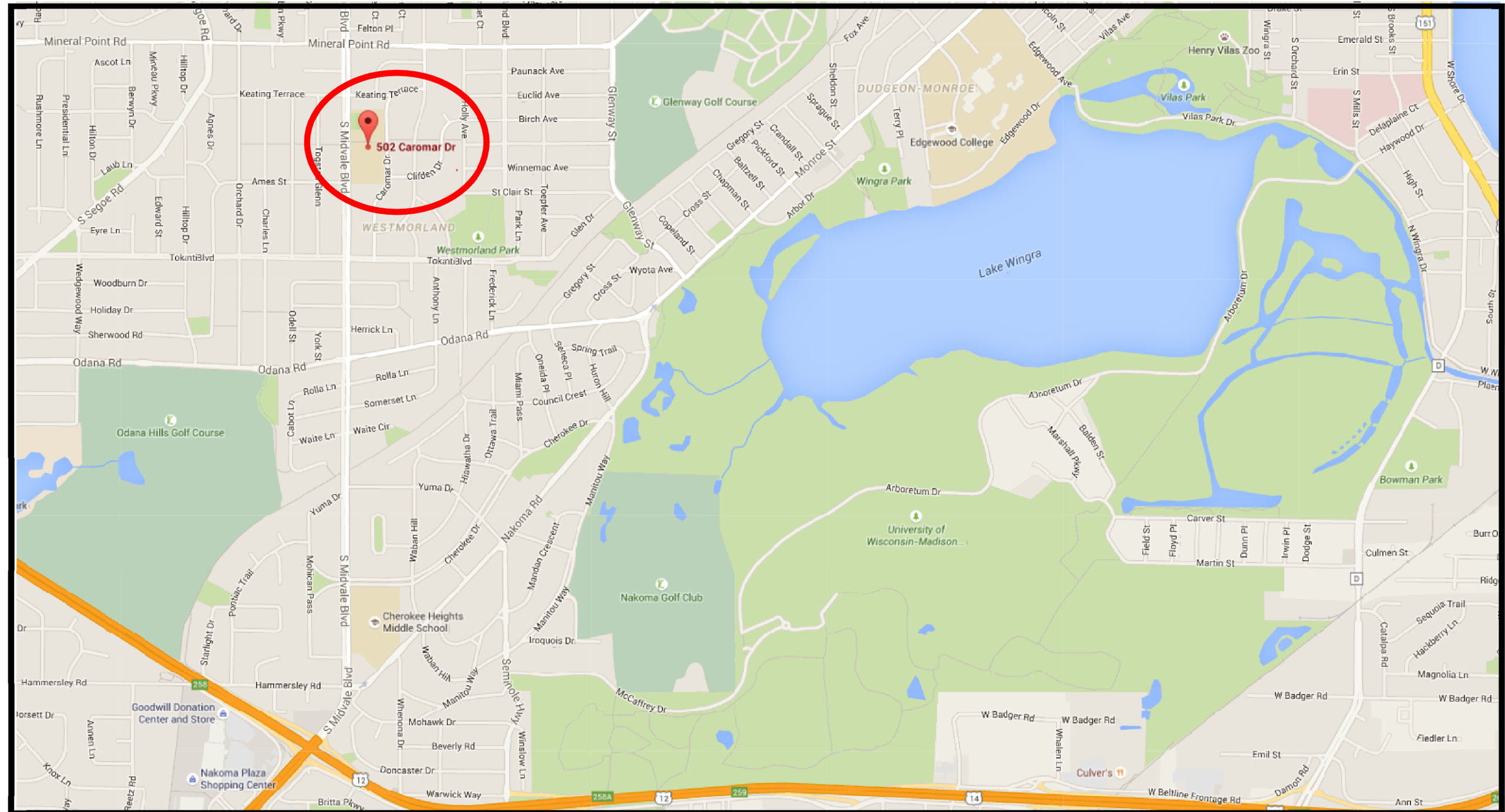
Thank you for your time in reviewing our proposal.

Best regards,

A handwritten signature in black ink, reading "Steven A. Kieckhafer". The signature is fluid and cursive, with a large, sweeping flourish at the end.

Steven A. Kieckhafer, AIA  
Architect



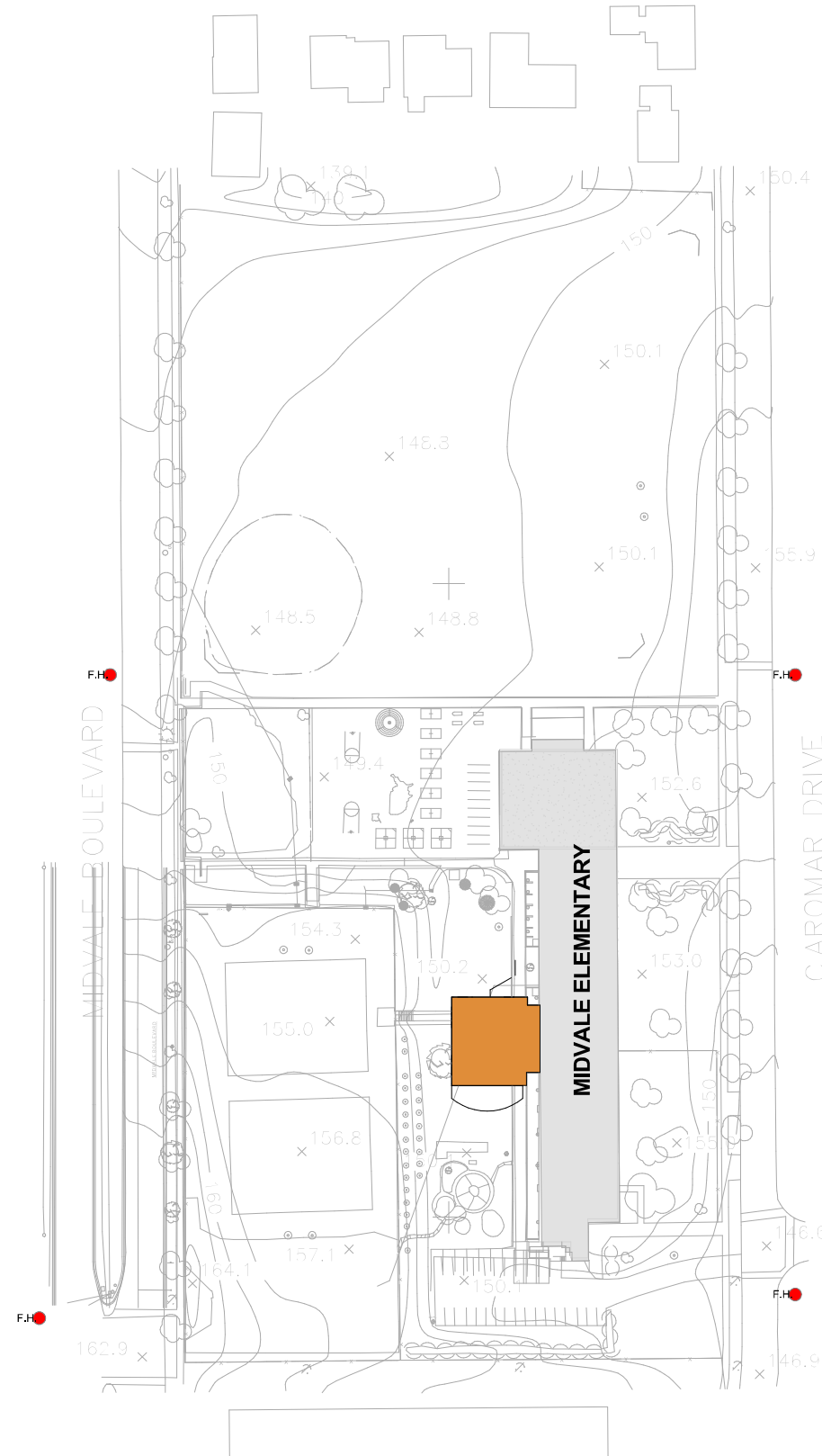


Location Map

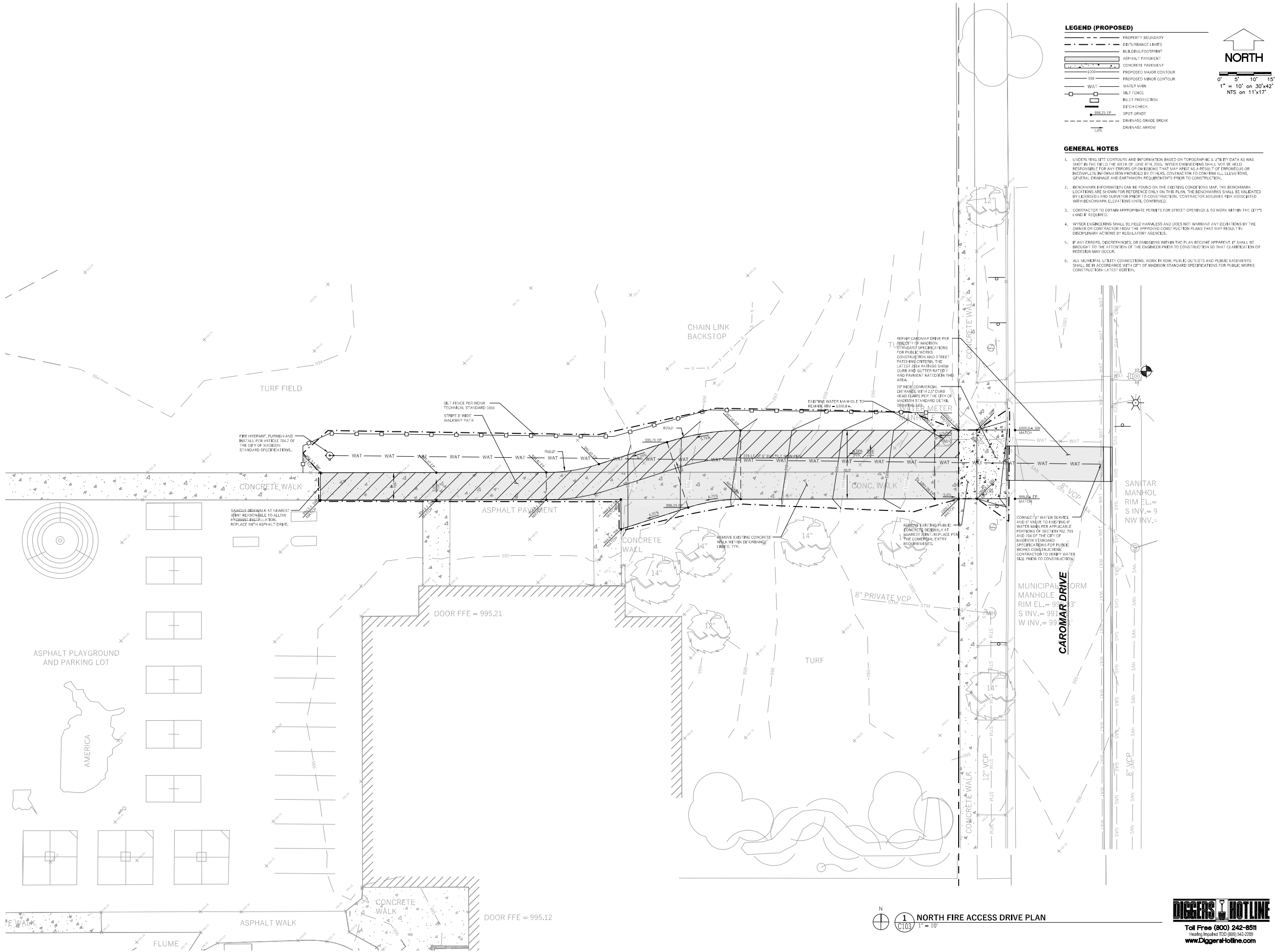








**Proposed Site Conditions**  
1" = 50'



PROGRESS PLOT DATE: 7-02-2015  
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1100 West Park Drive, Milwaukee, Wisconsin 53224 414.353.3540 2310 Cassville Drive, Suite 200, Madison, Wisconsin 53718 608.240.9900 1619 Franklin Ave, Suite 3, Sarasota, Florida 94236 941.548.8918	
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prai PLUNKETT RAYISCH ARCHITECTS, LLP	
MMSD - Midvale Elementary School - Building Expansion 502 Caromar Drive Madison, WI 53711	
Revisions:	
Drawn By:	DOS
Date:	06-25-2015
Job No.:	15-0238
Sheet No.:	C103





7/14/2015 11:59:08 AM



**BASEMENT FLOOR PLAN - AREA OF WORK**



## KEY PLAN



## ADDITION

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Date:	07-09-2015
Job No.:	140248-08
Sheet No.:	A201


Date:  
07-09-2015

Job No.:  
140248-08

Sheet No.:


A201

**Madison Metropolitan School District  
1st Addition & Interior Renovation - Midvale Elementary School  
502 Caromar Drive, Madison, WI 53711**

**pro**  PLUNKETT RAYSC-  
ARCHITECTS, LLP

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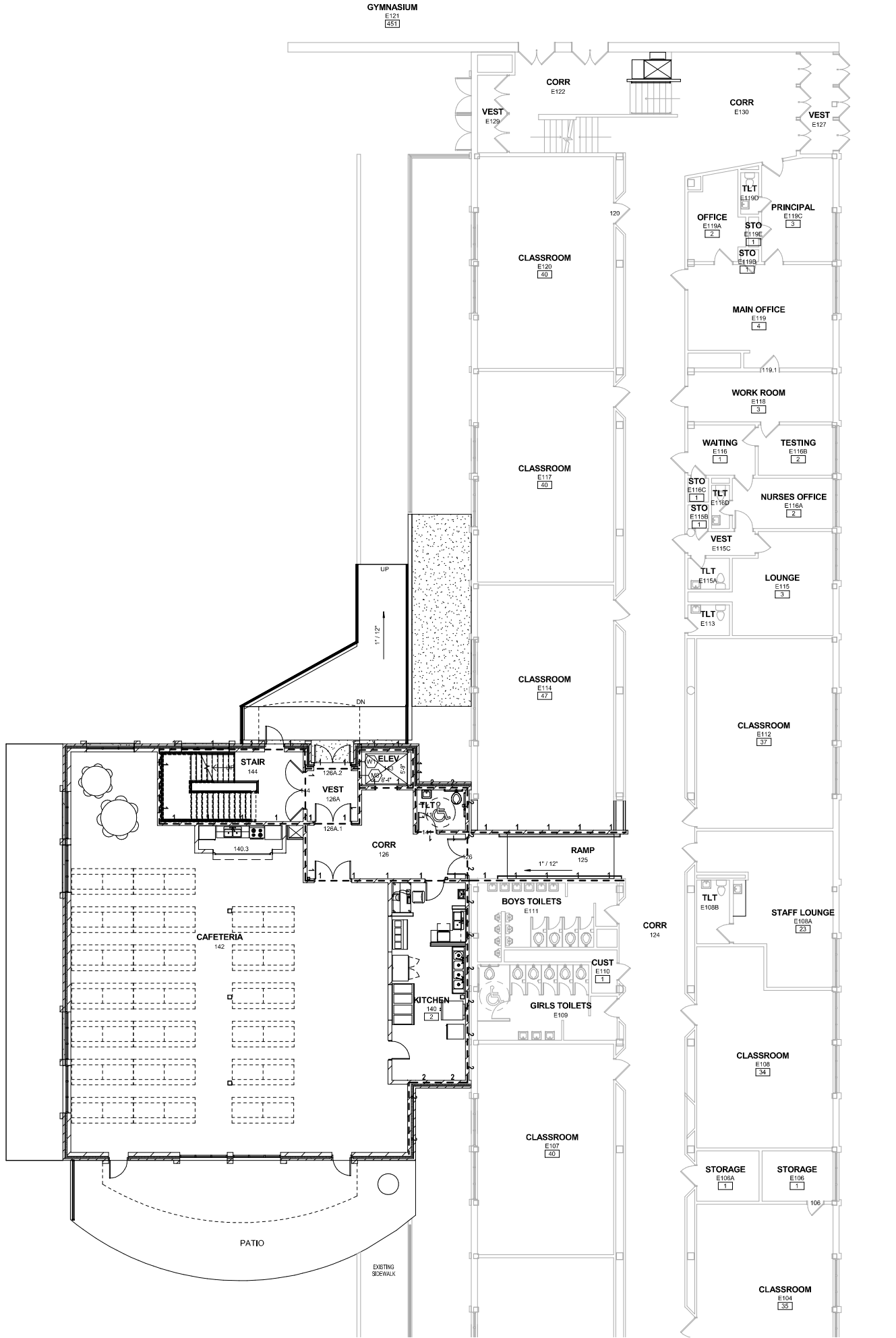




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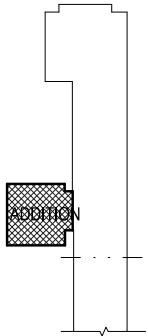
FIRST FLOOR PLAN - AREA OF WORK

1/8" = 1'-0"



KEY PLAN

1" = 80'-0"



NOT FOR CONSTRUCTION

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Madison Metropolitan School District  
1st Addition & Interior Renovation - Midvale Elementary School

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Revisions

Drawn By:

ALS

Date:

07-09-2015

Job No.:

140248-08

Sheet No.:

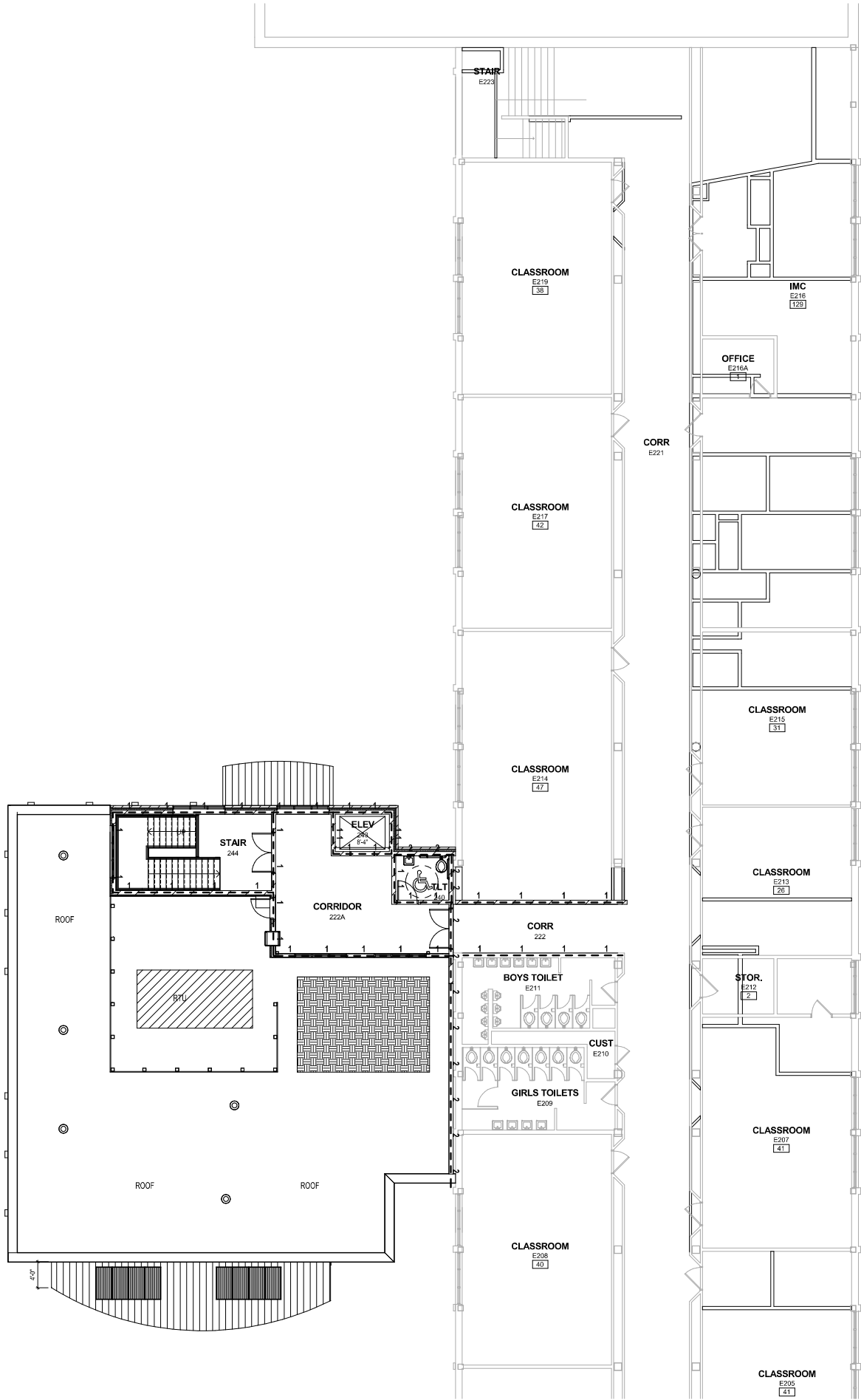
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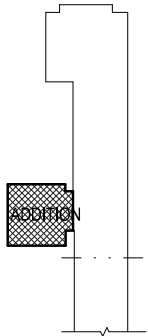
SECOND FLOOR PLAN - AREA OF WORK

1/8" = 1'-0"



KEY PLAN

1" = 80'-0"



REVISIONS

Revisions
Drawn By: ALS
Date: 07-09-2015
Job No.: 140248-08
Sheet No.: A203

Madison Metropolitan School District  
1st Addition & Interior Renovation - Midvale Elementary School  
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- 



# TWP LED

## LED Wall Luminaire



F8

Catalog  
Number

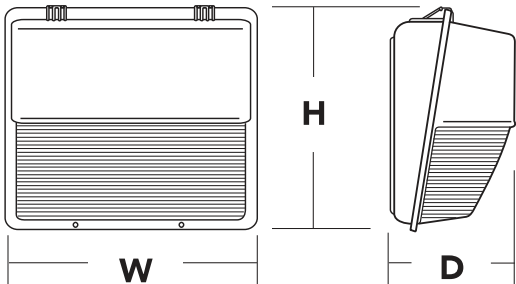
Notes

Type

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

### Specifications

- Width:** 16-1/8"  
(41.0 cm)
- Height:** 15-1/2"  
(39.4 cm)
- Depth:** 7-3/4"  
(19.7 cm)
- Weight:** 15 lbs  
(6.8kg)



### Introduction

The popular TWP luminaire is now available with LED technology. Cast in a traditional dayform, the TWP LED offers a classic appearance and is powered by advanced LEDs. A one-piece polycarbonate cover delivers enhanced durability and is vandal resistant, making the TWP LED ideal for lower mounting heights or high-traffic areas.

The new TWP LED luminaire is powerful yet energy efficient, capable of replacing up to a 250W metal halide luminaire while saving up to 77% in energy costs. Offering an expected service life of more than 20 years, the TWP LED eliminates frequent lamp and ballast replacements associated with traditional technologies.

### Ordering Information

EXAMPLE: TWP LED 30C 700 50K T3M MVOLT DDBXD

TWP LED						
Series	Performance Package	Distribution	Voltage	Control Options	Other Options	Finish <i>(required)</i>
TWP LED	<b>LEDs</b> <b>10C</b> 10 LEDs (one engine) <b>20C</b> 20 LEDs (two engines) <b>30C</b> 30 LEDs (one engine)  <b>Drive current</b> <b>700</b> 700 mA  <b>Color temperature</b> <b>50K</b> 5000 K (standard) <b>40K</b> 4000 K (optional)	T3M Type III Medium	MVOLT <sup>1</sup> 120 <sup>1</sup> 208 <sup>1</sup> 240 <sup>1</sup> 277 <sup>1</sup> 347 <sup>2</sup> 480 <sup>2</sup>	<b>Shipped installed</b> <b>DMG</b> 0-10V dimming driver (no controls) <b>PE</b> Photoelectric cell, button type <sup>3</sup>	<b>Shipped installed</b> <b>SF</b> Single fuse (120, 277, 347V) <sup>4</sup> <b>DF</b> Double fuse (208, 240, 480V) <sup>4</sup> <b>TP</b> Tamper proof screws <b>NOM</b> NOM Certified <b>SPD</b> Separate surge protection <sup>5</sup>  <b>Shipped separately</b> <b>WG</b> Wire guard <sup>6</sup>	<b>DDBXD</b> Dark bronze <b>DBLXD</b> Black <b>DWHXD</b> White <b>DDBTXD</b> Textured dark bronze  <b>DBLBXD</b> Textured black <b>DWHGXD</b> Textured white

Stock configurations are offered for shorter lead times:

Standard Part Number	Stock Part Number
TWP LED 10C 700 50K T3M MVOLT DDBXD	TWP LED 10C 50K
TWP LED 20C 700 50K T3M MVOLT DDBXD	TWP LED 20C 50K
TWP LED 30C 700 50K T3M MVOLT DDBXD	TWP LED 30C 50K

### Accessories

Ordered and shipped separately.

TWPWG U

Wire guard accessory <sup>7</sup>

### NOTES

- <sup>1</sup> 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) or photocontrol (PE).
- <sup>2</sup> Not available with 10C option.
- <sup>3</sup> Must specify voltage; not available with MVOLT or 480 voltage options.
- <sup>4</sup> Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- <sup>5</sup> See the electrical section on page 2 for more details.
- <sup>6</sup> Also available as a separate accessory; see Accessories information at left.
- <sup>7</sup> Requires field modification (only when ordered as a separate accessory).



Performance Data

Lumen Output

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

LEDs	Drive Current (mA)	Performance Package	System Watts	Dist. Type	40K (4000 K, 70 CRI)					50K (5000 K, 65 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
10C (10 LEDs)	700	10C 700 –K	26 W	T3M	1,478	0	3	2	57	1,614	0	3	2	62
20C (20 LEDs)	700	20C 700 –K	45 W	T3M	2,877	0	3	3	64	3,149	0	3	3	70
30C (30 LEDs)	700	30C 700 –K	67 W	T3M	4,157	0	3	3	62	4,377	0	3	3	65

Lumen Ambient Temperature (LAT) Multipliers

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

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **TWP LED 30C 700** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number 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	0.97	0.96	0.94

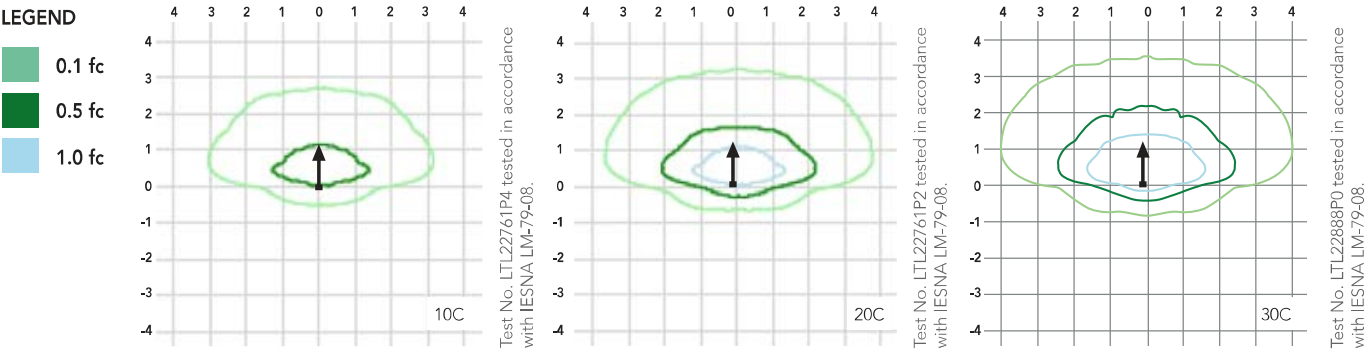
Electrical Load

LEDs	Drive Current (mA)	System Watts	Current (A)					
			120V	208V	240V	277V	347V	480V
10C	700	26 W	0.24	0.14	0.12	0.10	-	-
20C	700	45 W	0.42	0.24	0.21	0.18	0.14	0.10
30C	700	67 W	0.62	0.36	0.31	0.27	0.21	0.16

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting’s [TWP LED homepage](#).

Isofootcandle plots for the TWP LED --- 700 50K T3M. Distances are in units of mounting height (15').



FEATURES & SPECIFICATIONS

INTENDED USE

The energy savings, long life and easy-to-install design of the TWP LED make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

CONSTRUCTION

Die-cast aluminum rear housing has an impact-resistant, UV-stabilized polycarbonate front housing and refractor that is fully gasketed. Modular design allows for ease of maintenance. The LED driver is mounted to the front casting to thermally isolate it from the light engine for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants.

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 textured and non-textured finishes.

OPTICS

Protective polycarbonate lens covers the light engine’s precision-molded proprietary acrylic lenses. Light engines are available in 5000 K (65 min. CRI) configurations.

ELECTRICAL

Light engine(s) consist of 10 or 30 high-efficacy LEDs mounted to a metal-core circuit board and integral aluminum heat sink to maximize heat dissipation and promote long life (L94/100,000 hrs at 25°C). The electronic driver has a power factor of >90%, THD <20%, and a minimum 2.5 KV

surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Top 3/4” threaded wiring access. Back access through removable 3/4” knockout. Feed-thru wiring can be achieved by using a conduit tee. Mount on any flat, vertical surface.

LISTINGS

UL listed for wet locations. Rated for -40°C minimum ambient.

WARRANTY

Five year limited warranty. Full 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.



PROMO CODE: EMERALD10\*

10% OFF

Ends May 8th

SHOP NOW!

\*Receive 10% off your purchase with promotion code EMERALD10. Offer expires 5/8/2015 at 11:59pm CDT. Excludes Poles & Bullhorns and Cree® LED Lamps. One-time use only. Maximum discount of \$2,000.

Home / Indoor Lighting / Exit & Emergency



Cold Location LED  
Emergency Light, Wet-  
listed, Dark Bronze

\$84.99

SKU: E-XML4CWZ

Quantity

ADD TO CART

ADD TO QUOTE

OUT OF STOCK  
Available 5/25/2015

RATINGS

WRITE A REVIEW

ASK A QUESTION

DETAILS	SPECS & GUIDE	ACCESSORIES	REVIEWS	Q&A
<div>OVERVIEW</div> <div>Wet-listed, cold location LED emergency light in dark bronze with input of 120V or 277V</div> <div><div>FEATURES</div><ul style="list-style-type: none"><li>• Die-cast aluminum housing with durable powder-coated finish</li><li>• Polycarbonate prismatic refractor</li><li>• Charge/power on indicator LED</li><li>• Push-to-test</li><li>• Sealed, 4.8V maintenance-free nickel cadmium battery provides up to 90 minutes of emergency operation</li><li>• Battery recharges within 24 hours via internal solid-state, two-rate charger</li><li>• Includes back plate for wall mount. Universal knockout pattern on back plate provides for easy installation over most standard junction boxes</li><li>• Fully gasketed</li><li>• Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA codes</li><li>• 5-year limited warranty on housing and electronics</li></ul></div> <div><div>APPLICATIONS</div><p>For general purpose exit identification in indoor commercial, retail, or industrial applications.</p></div>				