



URBAN DESIGN COMMISSION APPLICATION CITY OF MADISON

This form may also be completed online at:

<http://www.cityofmadison.com/planning/documents/UDCapplcation.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

Company: Plunkett Raysich Architects

Street Address: 2310 Crossroads Dr, Madison, WI

City/State: Madison, WI Zip: 53718

Telephone: (608) 240-9900 x357 Fax: (____)

Email: SKieckhafer@prarch.com

Project Contact Person: _____

Company: _____

Street Address: _____

City/State: _____ Zip: _____

Telephone: (____) Fax: (____)

Email: _____

Project Owner (if not applicant) : Rick Hopke

City/State: Madison, WI Zip: 53718

Street Address: 4711 Pflaum Road

Email: rhopke@madison.k12.wi.us

Telephone: (608) 204-7912 Fax: (____)

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 (name of staff person) on Feb. 23, 2015 and June 9, 2015 (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 29th, 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	71,667 s.f.

Vehicle Parking

On-site surface Parking 21 spaces 1 accessible



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:

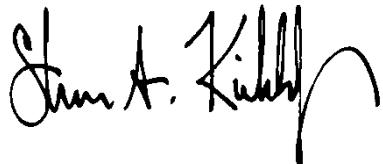
This project will be funded totally with public bonds issued to the District through the approval of the successful referendum vote.



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

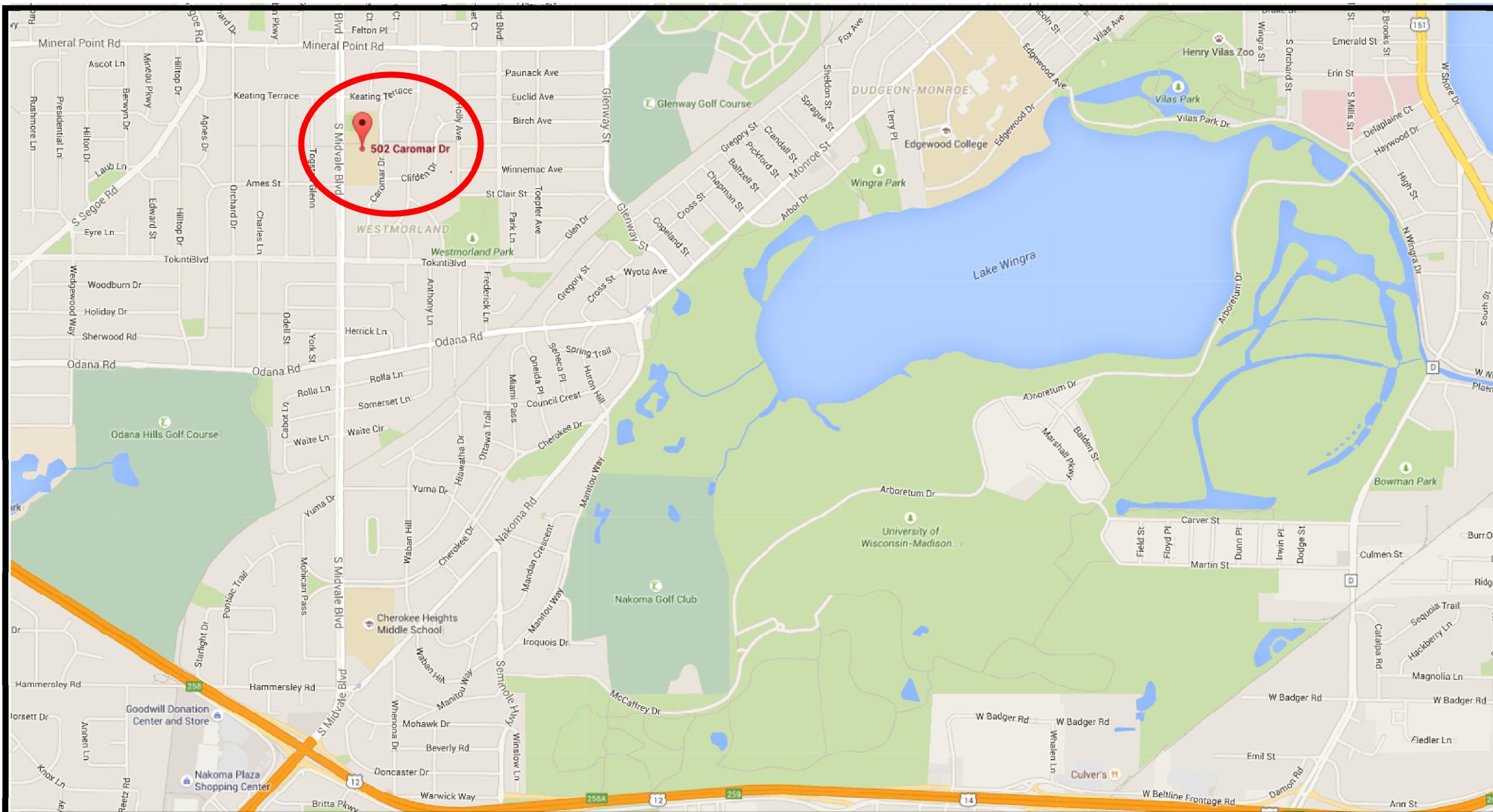
Thank you for your time in reviewing our proposal.

Best regards,

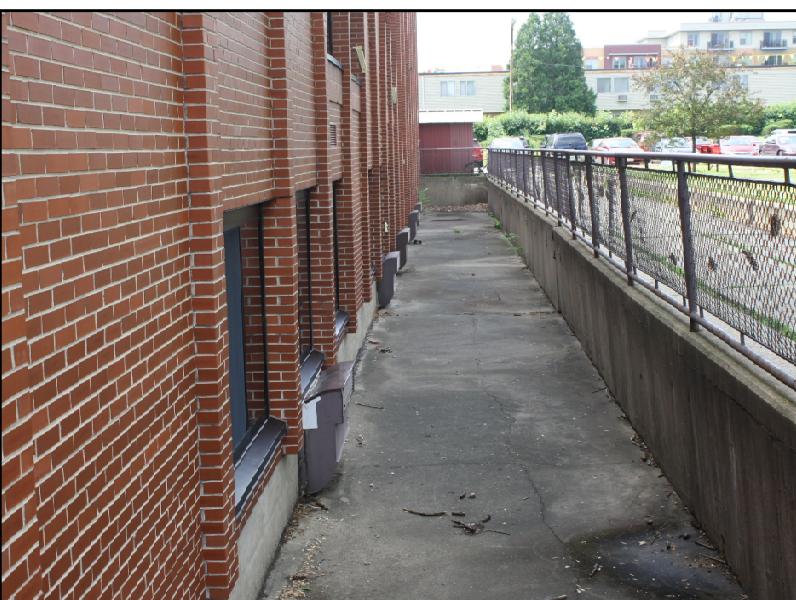


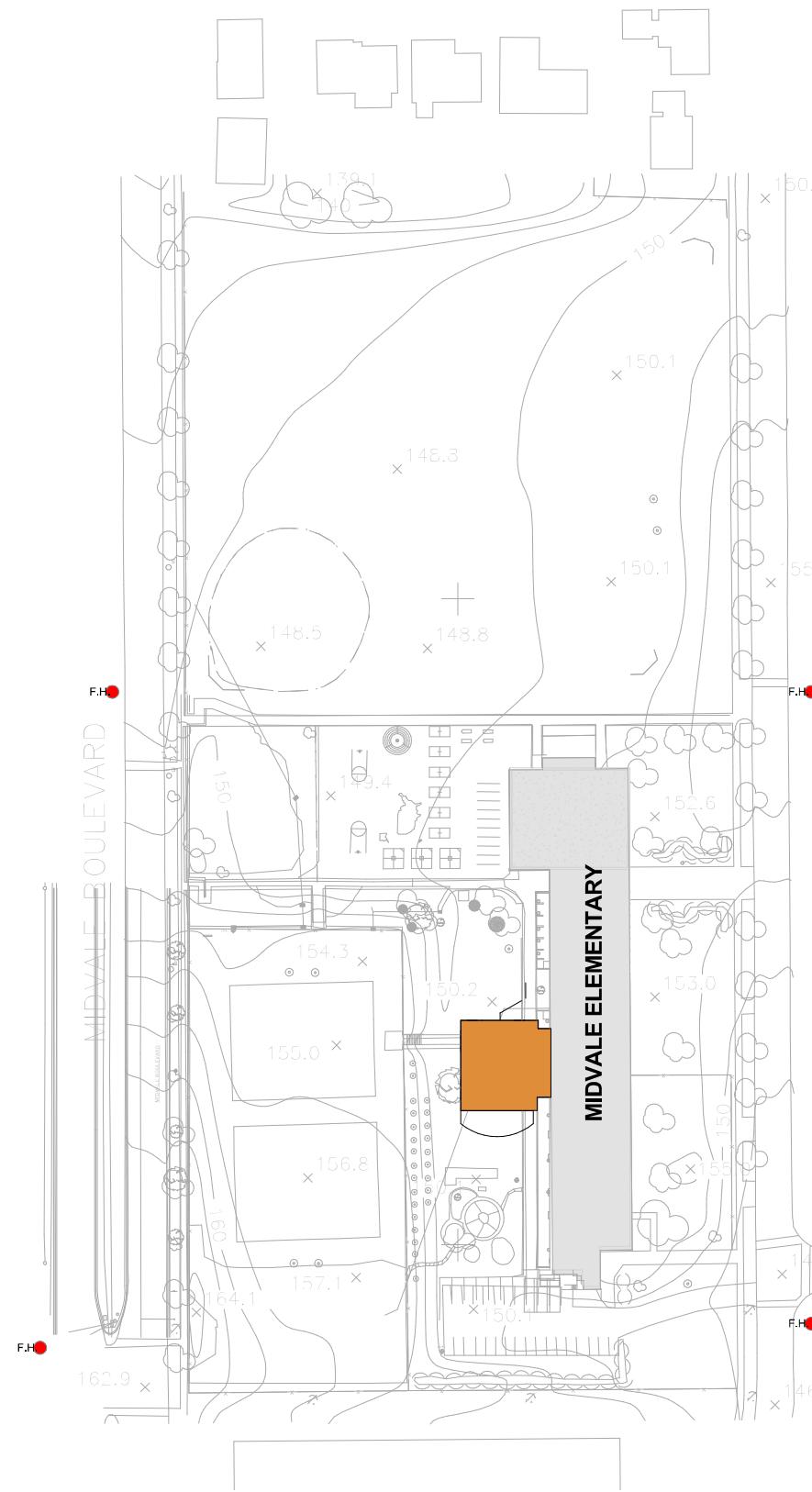
Steven A. Kieckhafer, AIA
Architect



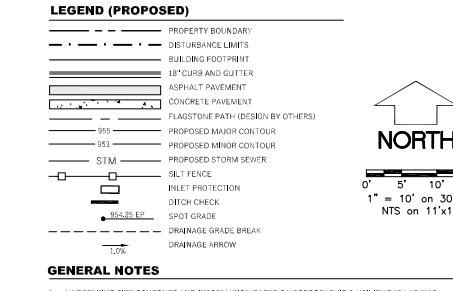
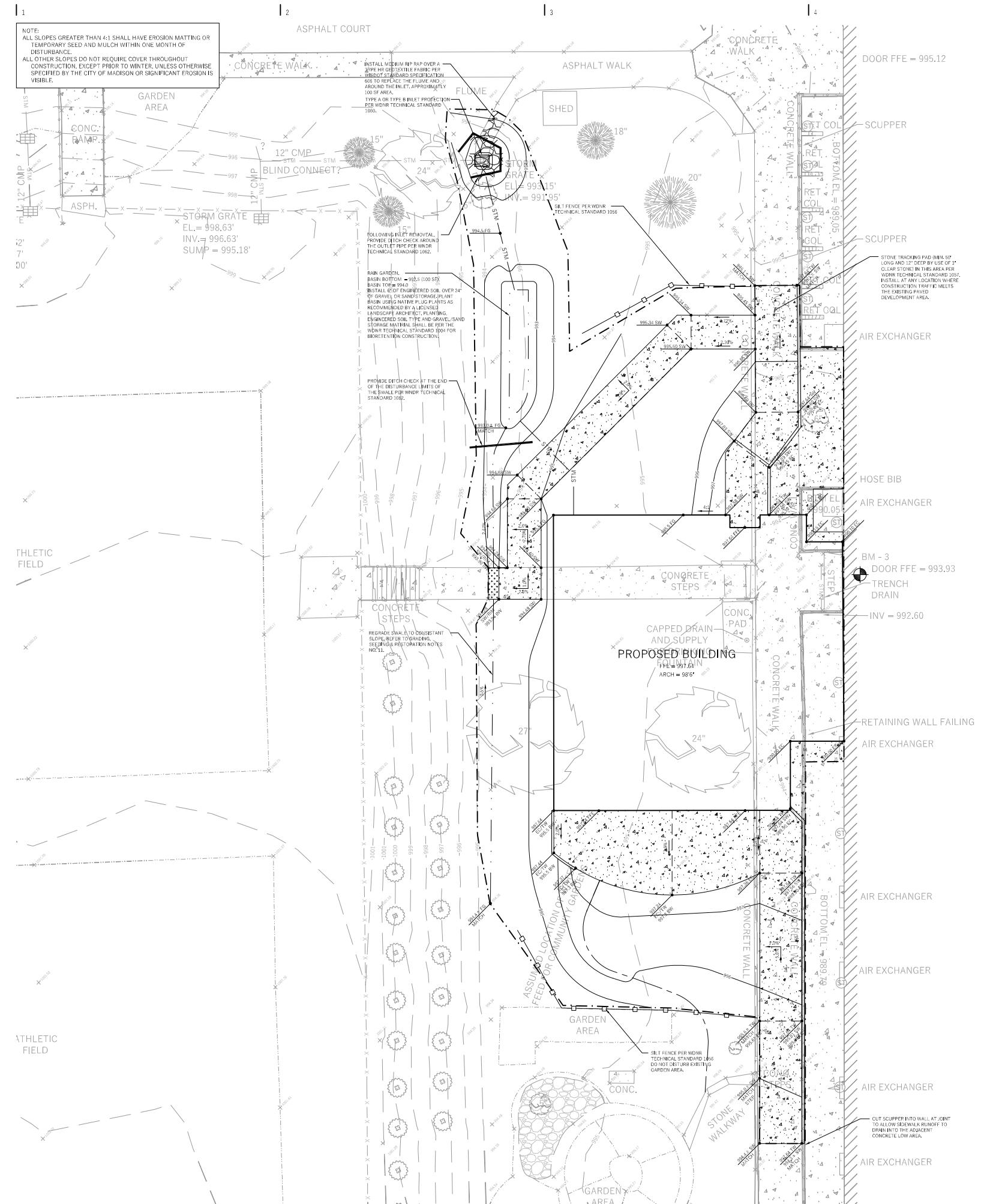


Location Map





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



GENERAL NOTES

- Underlying site contours and information based on topographic & utility data as was shot in the field the week of June 8th, 2015. WYER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF EROSION OR INLET PROTECTION. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
- BENCHMARK INFORMATION CAN BE FOUND ON THE EXISTING SITE MAP. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES HER ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
- CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & WORK WITHIN THE CITY'S LAND USE.
- WYER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY ELEVATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCREPANCIES BY REGULATORY AGENCIES.
- IF ANY ERRORS, DISCREPANCIES OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REVISION MAY OCCUR.
- ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN BOW, PUBLIC OUTLETS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION- LATEST EDITION.

CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

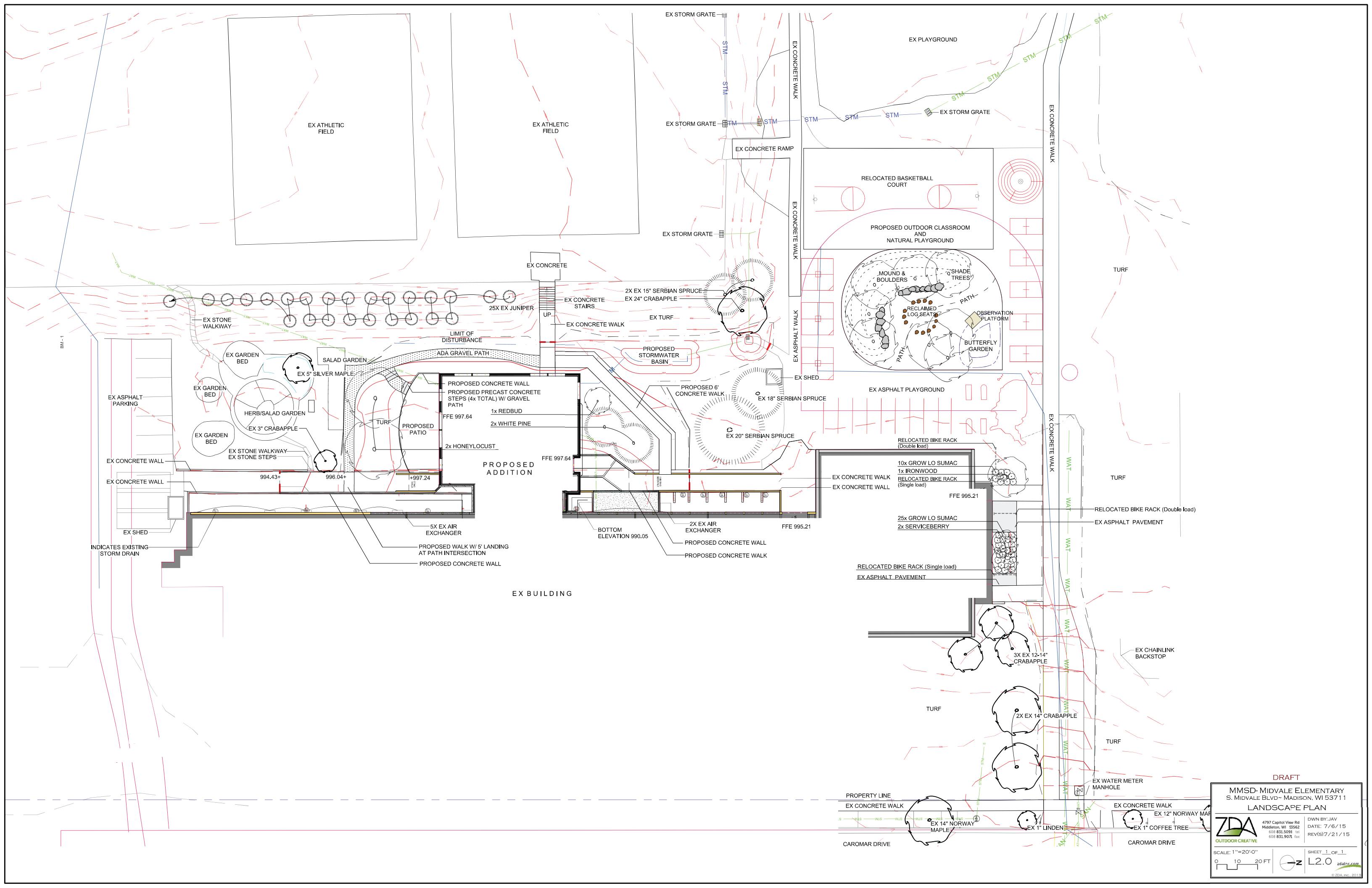
- ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE CURRENT WISCONSIN DEPARTMENT OF NATURAL RESOURCES (DNR) EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS (TDS-106).
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE.
- ENGINEER / OWNER / CITY OF MADISON HAS THE RIGHT TO REQUIRE CONTRACTOR TO IMPLEMENT ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY. CONTRACTOR MUST NOTIFY THE CITY OF MADISON BUILDING INSPECTOR TWO (2) WORKING DAYS IN ADVANCE OF ANY EROSION CONTROL MEASURES.
- EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSPECTED ONCE PER WEEK AND FOLLOWING EACH RAINFALL EVENT. INSPECTION REPORTING SHALL BE IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- IF THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES IN WORKING ORDER, EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AT THE END OF CONSTRUCTION, COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER.
- DEWATERING PRACTICES SHALL COMPLY WITH TECHNICAL STANDARD 1061.
- ALL SLOPES EXCEEDING 25% (4:1) SHALL BE STABILIZED WITH A CLASS I TYPE EROSION MAT.
- DUST CONTROL SHALL BE MITIGATED IN ACCORDANCE WITH WDR TECHNICAL STANDARD 1065.
- ALL DISTURBED AREAS SHALL BE SEADED AND MULCHED IMMEDIATELY FOLLOWING FINAL GRAVING ACTIVITIES.
- SEED MIX AND RATE SHALL BE AT A MINIMUM, IN ACCORDANCE WITH WDR TECHNICAL STANDARD 1059.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE VEGETATION PLAN FOR ENGINEER / OWNER FOR APPROVAL.

GRADING, SEEDING & RESTORATION NOTES

- ALL GRADES SHOWN ARE FINAL FINISHED SURFACE GRADES.
- AREAS TO BE SEADED SHALL HAVE A MINIMUM 6 INCHES TOPSOIL UNLESS OTHERWISE NOTED.
- RESTORATION SHALL OCCUR AS SOON AS PRACTICABLE AFTER THE DISTURBANCE, WITHIN 7 DAYS OF TOPSOIL.
- AREAS NOT RESTORED WITH EROSION MATTING OR OTHER STABILIZATION MEASURES SHALL BE STABILIZED WITH MULCH.
- APPLY ANTIMICROBIAL POLYMER TO DISTURBED AREAS IF EROSION BECOMES PROBLEMATIC.
- 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.
- CONTRACTOR TO DEEP TILL ALL COMPACTED PERVERIOUS SURFACES PRIOR TO SEEDING AND MULCHING.
- MULCH SHALL BE WEED-FREE STRAW AND SHALL BE INSTALLED AT THE RATE OF 1 TONS PER ACRE PER SECTION 627 OF STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION (WISDOT 2014).
- PERMANENT SEEDING SHALL NOT OCCUR BETWEEN SEPTEMBER 15TH AND APRIL 15TH. ALTERNATE SEEDING/PLANTING METHODS AND/OR EROSION PROTECTION MAY BE NECESSARY FOR PLANTING THAT OCCURS DURING THAT TIME, COORDINATE WITH THE OWNER AS NECESSARY.
- TEMPORARY STABILIZATION SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING OPTIONS:
 - TEMPORARY SEEDING CONSISTING OF ANNUAL RYE GRASS APPLIED AT A RATE OF 1.5 LBS PER 1000 SQ FT.
 - WATER BOUND CLAY, TYPE B URBAN EROSION CONTROL MAT.
- ALL SLOPES EXCEEDING 4:1 SHALL BE STABILIZED WITHIN ONE MONTH OF DISTURBANCE WITH TEMPORARY SEEDING AND CLASS I TYPE B URBAN EROSION MATTING AND ALL DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II TYPE B MATTING.

EROSION CONTROL CONSTRUCTION SCHEDULE

- 9/1/2015 - INITIAL LAND DISTURBANCE - INSTALL ALL PERIMETER EROSION CONTROL BARRIERS, INCLUDING STONE TRUCKING PAD, SILT FENCE AND INLET PROTECTION OF EXISTING INLETS, INCLUDING PUBLIC INLETS WITHIN THE PUBLIC STREET.
- DURING CONSTRUCTION:
 - WHEN EROSION ACTIVITIES ALLOW, ADD STONE BERMS WHERE SHOWN AND WHERE BURROWING ANIMALS CONCENTRATED.
 - AS INLETS ARE INSTALLED, INSTALL INLET PROTECTION.
 - SOIL STOCKPILES WHICH ARE LEFT UNUSED FOR MORE THAN 7 DAYS SHALL BE STABILIZED AND EROSION CONTROL MEASURE REINSTATED.
 - ALL SLOPES GREATER THAN 4:1 SHALL BE STABILIZED WITHIN ONE MONTH (30 DAYS) OF BEING DISTURBED.
- 10/15/2015 - PRIOR TO WINTER, MULCH AND/OR TEMPORARY SEED TO SITE.
- 10/15/2015 - FINAL SITE STABILIZATION - ALL PERVERIOUS AREAS DISTURBED DURING CONSTRUCTION WILL BE RESTORED WITH A MINIMUM OF 6" OF TOPSOIL, FERTILIZER, SEED, AND MULCH WITHIN SEVEN (7) DAYS OF FINAL GRAVING.



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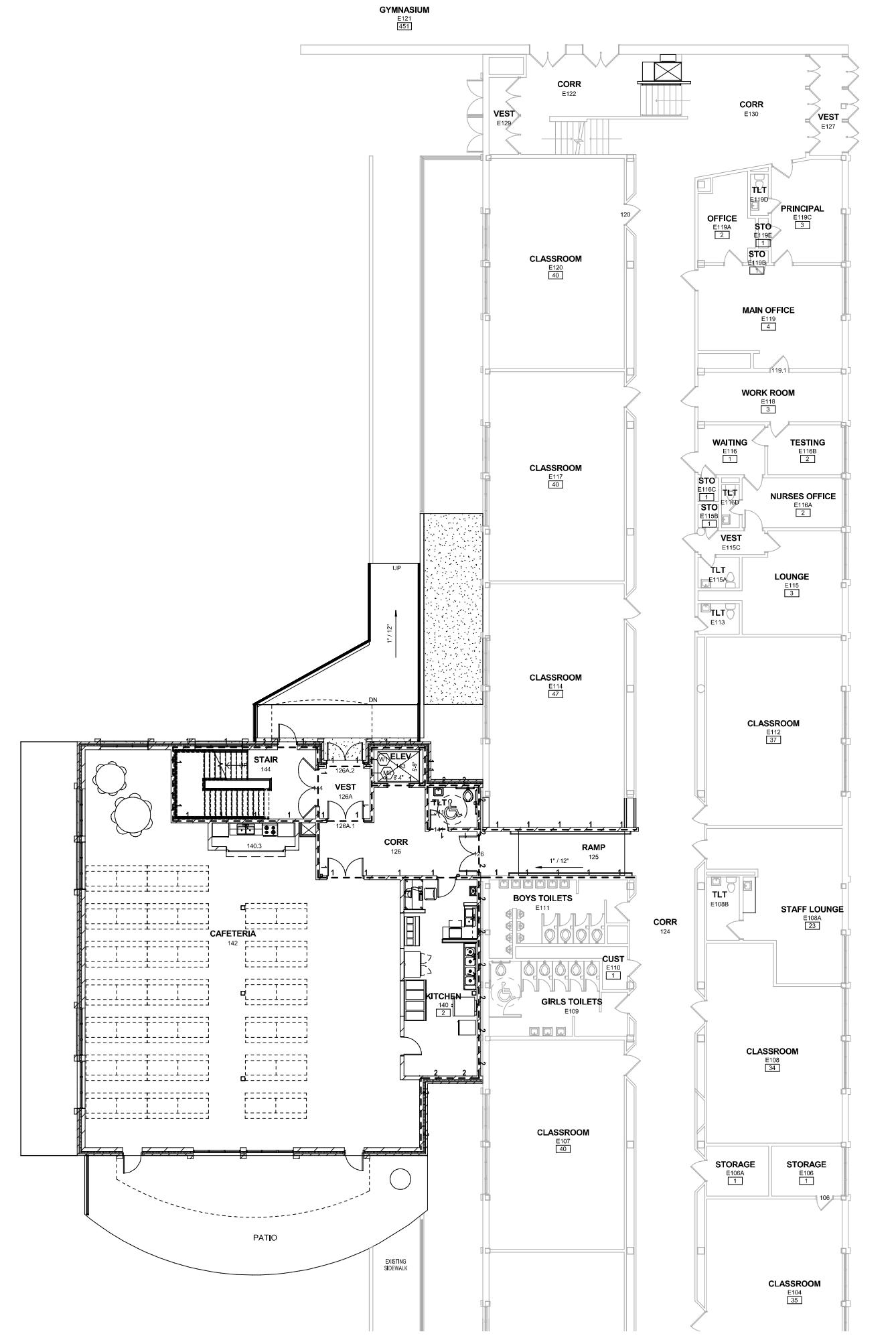
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A201 BASEMENT FLOOR PLAN - AREA OF WORK
1/8" = 1'-0"

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**Madison Metropolitan School District
1st Addition & Interior Renovation - Midvale Elementary School**
5000 Concourse Drive, Madison, WI 53711

PLUNKETT RAYSCHE ARCHITECTS, LLP
209 south water street milwaukee, wisconsin 53204
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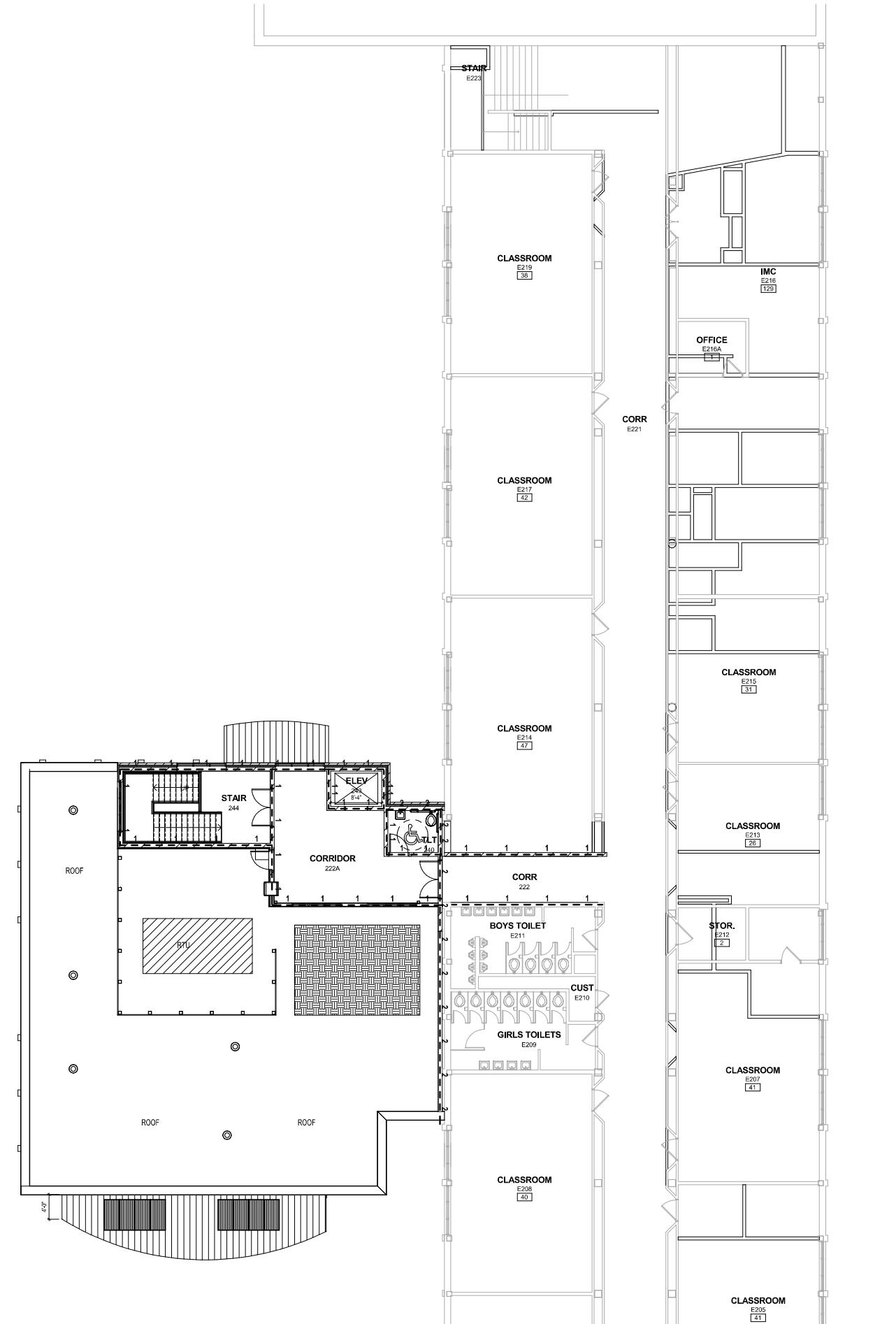
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KEY PLAN
1" = 80'-0"

NOT FOR CONSTRUCTION
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**Madison Metropolitan School District
1st Addition & Interior Renovation - Midvale Elementary School**
502 Catomar Drive, Madison, WI 53711
Revisions

**PLUNKETT RAYICH
ARCHITECTS LLP**
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1613 fruillani road, suite 3, sunosota, florida 34236
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E1 SECOND FLOOR PLAN - AREA OF WORK
A203 1/8" = 1'-0"

1

KEY PLAN

NESTLE BUILDS STRUCTURE
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**Madison Metropolitan School District
1st Addition & Interior Renovation - Midvale Elementary School**
5022 Caromar Drive, Madison, WI 53711

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

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A circular logo with a stylized arrow pointing upwards and to the right, with the word "NORTH" written in capital letters below it.

1 FIRST FLOOR PLAN - LIGHTING

- SWITCHES ARE TAGGED IN PAIRS FOR ELEVATOR SWITCHING. SWITCHING SHALL SWITCH FIXTURES AS TAGGED. DAYLIGHT SENSOR SHALL CONTROL ONE SWITCH OF SWING LEG(s). OCCUPANCY SENSOR(s) SHALL OVERWRITE DAYLIGHT SENSOR.
- MOUNT SWITCH IN ELEVATOR HOISTWAY AT 3'-0" ABOVE FIRST FLOOR LANDING.
- INSTALL FIRE ALARM CONTROL SYSTEM ON SHAFT WALL CENTERED AT 48"-0" ABOVE FLOOR LANDING. COORDINATE PLACEMENT WITH ELEVATOR MANUFACTURER TO PERMIT CAB MOBILITY. REFER TO 911.1P.
- CONNECT TO CIRCUIT SERVING 120V GFI RECEPTACLE IN ELEVATOR MACHINE ROOM. PROVIDE SWITCH BREAK BETWEEN FIXTURE AND RECEPTACLE. REFER TO 911.1P FOR CONTINUATION.

Madison Metropolitan School District
1st Addition & Interior Renovation - Midvale Elementary School
5021 Coronado Drive, L Madison, WI 53711

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TWP LED

LED Wall Luminaire



F8

Catalog
Number

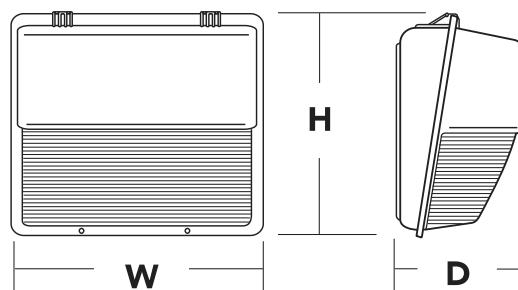
Notes

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

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 accessory⁷

NOTES

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



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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)	20C (20 LEDs)	30C (30 LEDs)	700	10C 700-K	26 W	T3M	1,478	0	3	2	57	1,614	0	3	2	62			
10C (10 LEDs)	700	10C 700-K	26 W	T3M	2,877	0	3	3	64	3,149	0	3	3	70	4,157	0	3	3	62	4,377	0	3	3	65
20C (20 LEDs)	700	20C 700-K	45 W	T3M	4,157	0	3	3	62	4,377	0	3	3	65	2,877	0	3	3	64	3,149	0	3	3	70
30C (30 LEDs)	700	30C 700-K	67 W	T3M	3,149	0	3	3	64	3,377	0	3	3	70	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-08-08 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

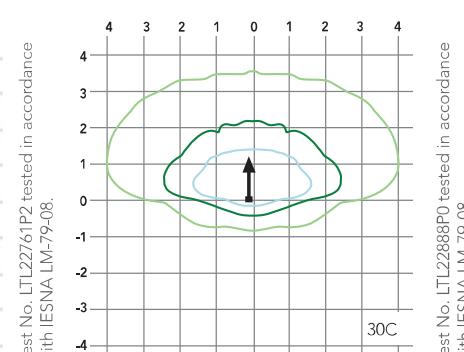
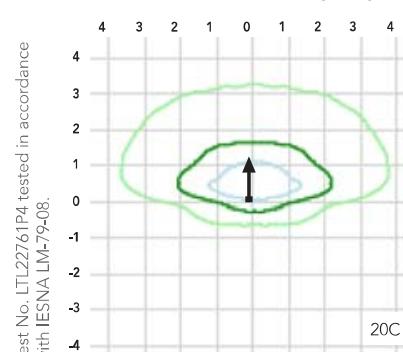
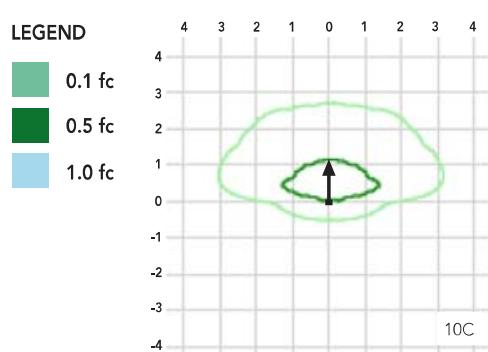
Electrical Load

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.

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Home / Indoor Lighting / Exit & Emergency



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

SKU: E-XML4CWZ

\$84.99

Quantity

1

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OVERVIEW

Wet-listed, cold location LED emergency light in dark bronze with input of 120V or 277V

FEATURES

- Die-cast aluminum housing with durable powder-coated finish
- Polycarbonate prismatic refractor
- Charge/power on indicator LED
- Push-to-test
- Sealed, 4.8V maintenance-free nickel cadmium battery provides up to 90 minutes of emergency operation
- Battery recharges within 24 hours via internal solid-state, two-rate charger
- Includes back plate for wall mount. Universal knockout pattern on back plate provides for easy installation over most standard junction boxes
- Fully gasketed
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA codes
- 5-year limited warranty on housing and electronics

APPLICATIONS

For general purpose exit identification in indoor commercial, retail, or industrial applications.