



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

1. Project Address: 4114 Donald Drive
Project Title (if any): Sandburg 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: _____

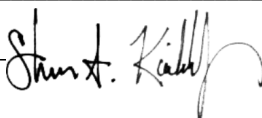
Project Owner (if not applicant) : Rick Hopke
 Street Address: 4711 Pflaum Road City/State: Madison, WI Zip: 53718
 Telephone: (608) 204-7912 Fax: () Email: rhopke@madison.k12.wi.us

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  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
Sandburg Elementary School
4114 Donald Drive, Madison, WI
PRA Project No. 140248-09

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:	Snyder & Associates 5010 Voges Road Madison, WI 53718 Contact: Brian Biwer bbiwer@snyder-associates.com	Landscape:	Ziegler Design 4797 Capital View Dr Middleton, WI 53562 Contact: Steve Ziegler steve@zda-inc.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 classroom space, and new gymnasium space. Adding the classroom space will not increase the capacity of the building, but will alleviate the existing overcrowded classrooms spaces. Additional parking spaces will be provided as well as exterior play space.

Building Elements

An addition to the building will be constructed on the east side with exterior face brick and fiber cement 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.

Site Development Statistics

Lot Area	~8.24 acres
Current building Gross Floor Area	38,288 s.f.
Proposed addition of Gross Floor Area	<u>14,742 s.f.</u>
New total Gross Floor Area	53,030.f.

Vehicle Parking

Existing On-site surface Parking	53 spaces	3 accessible
New On-site surface Parking	<u>12 spaces</u>	<u>0 accessible</u>
Total On-site surface Parking	65 spaces	3 accessible

Bike Parking



Bike Storage available to students, ~40 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 \$2,900,000

Public Subsidy:

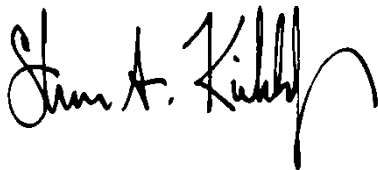
This project will be funded totally with public bonds issued to the District through the approval of the successful referendum vote.



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

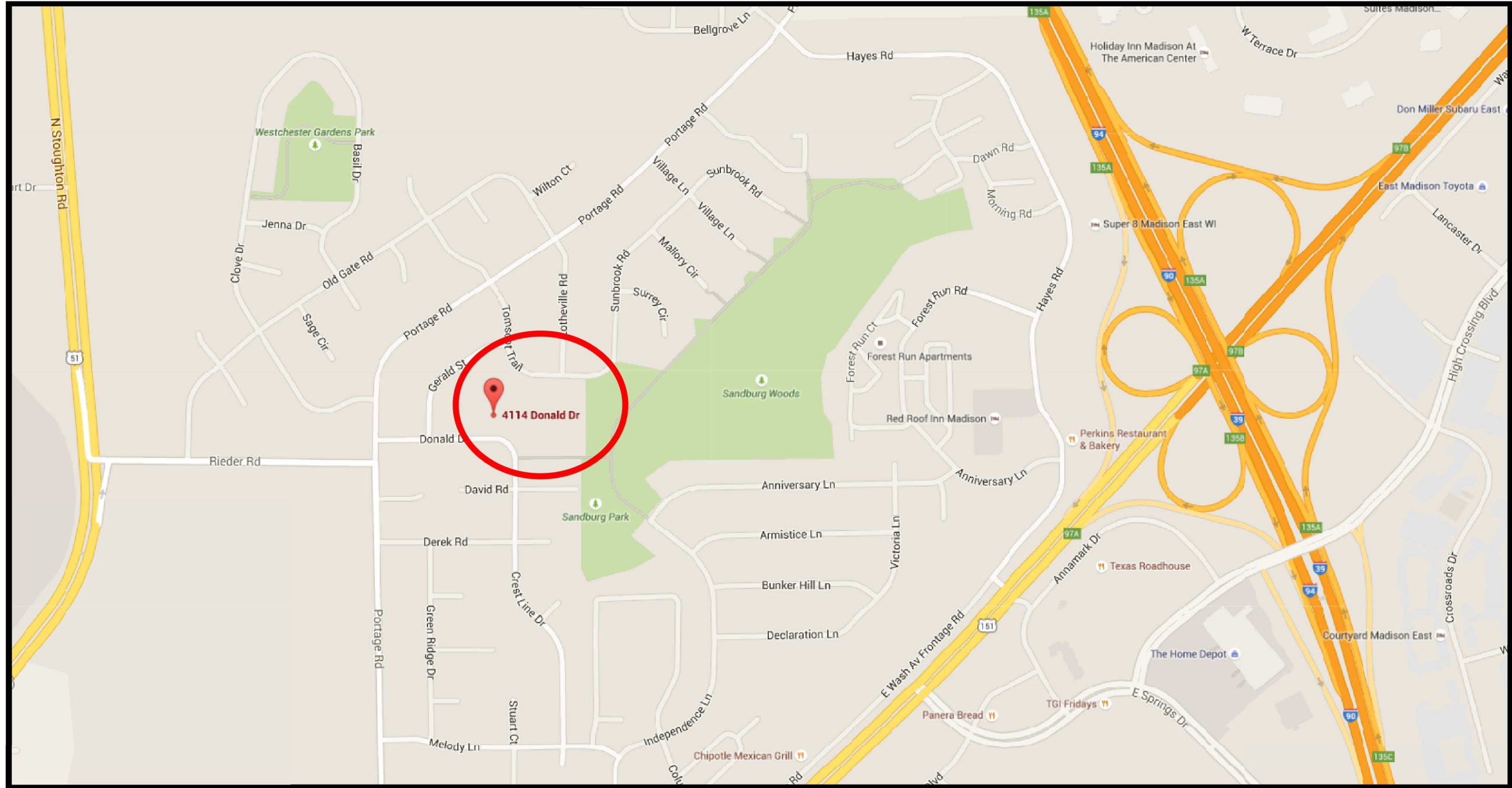
Thank you for your time in reviewing our proposal.

Best regards,

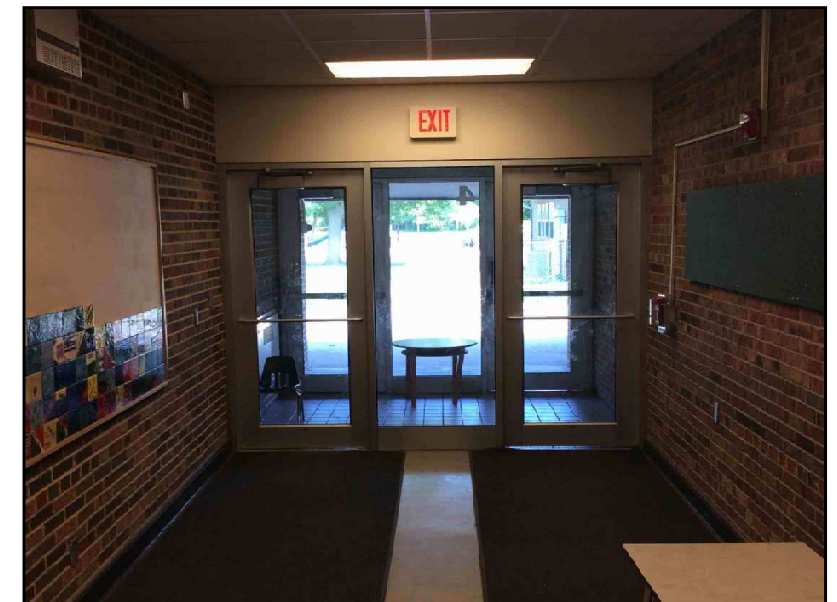
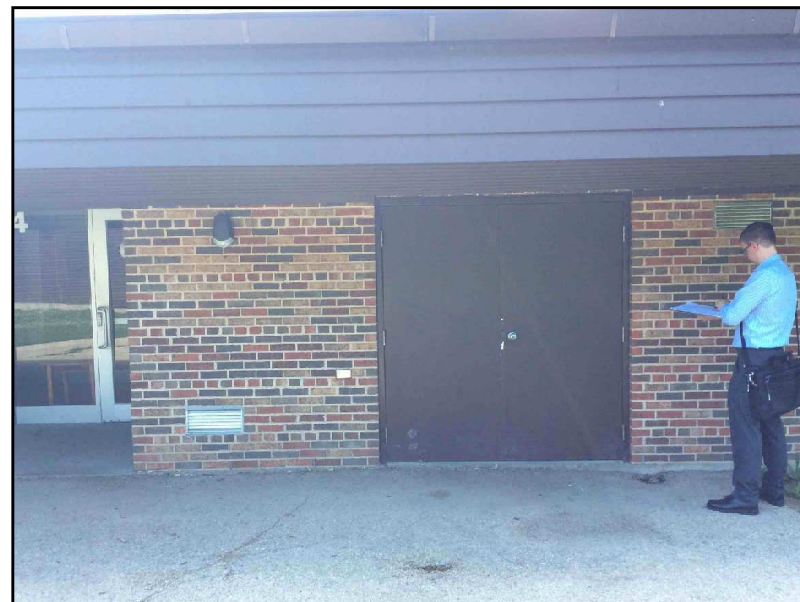


Steven A. Kieckhafer, AIA
Architect

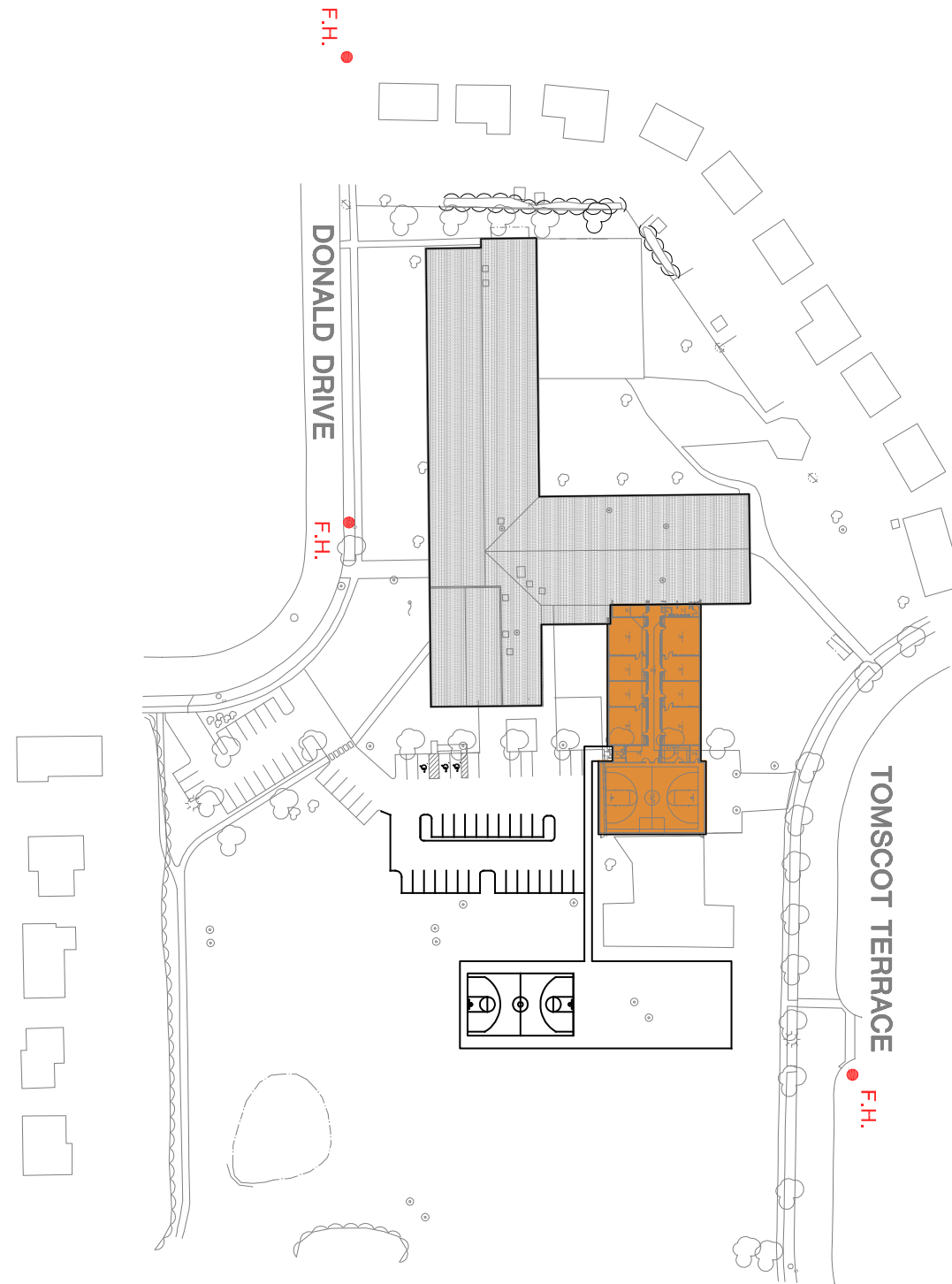




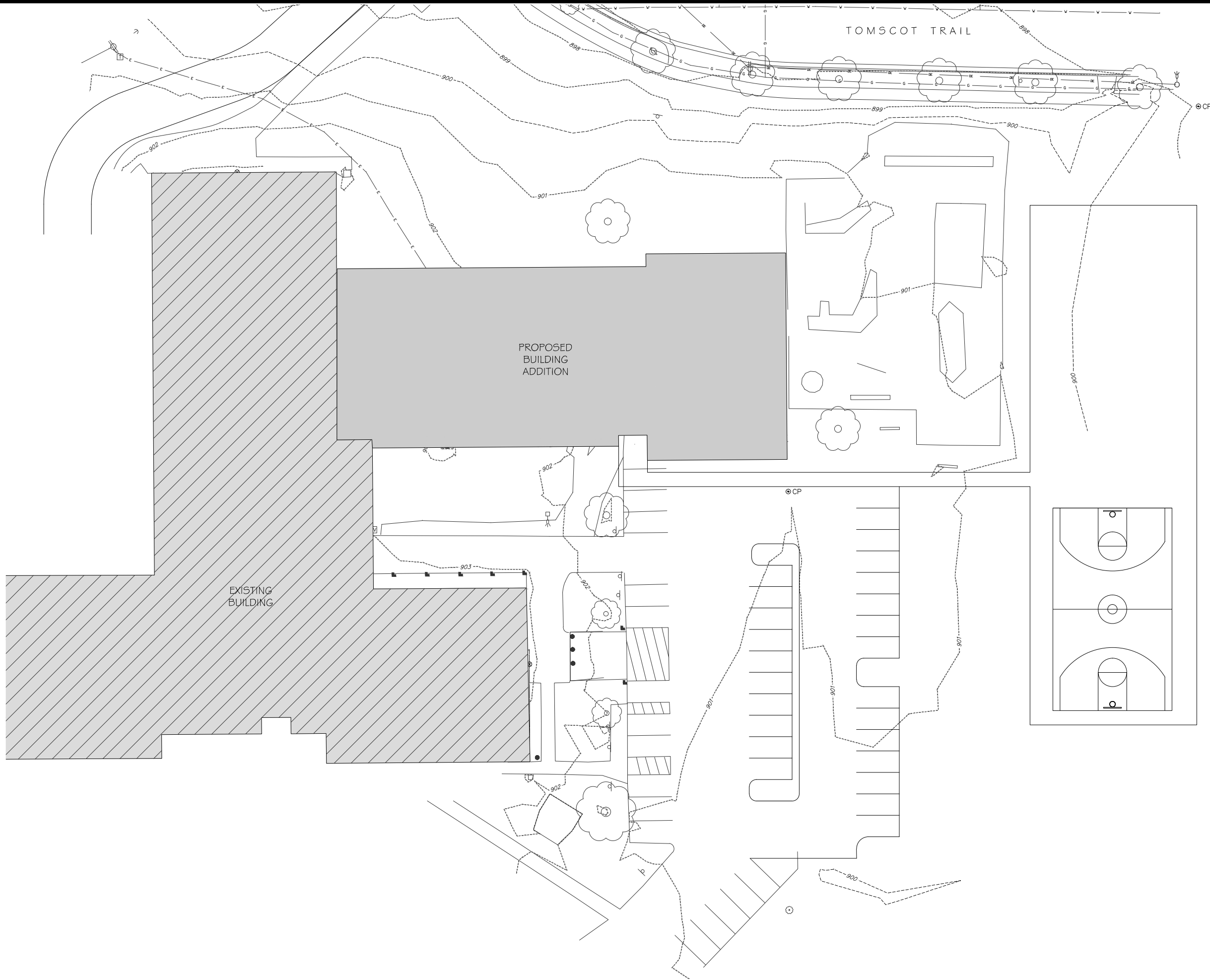
Location Map



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



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WIS. STATUTE 182.0175 (1974)
 REQUIRES MIN. OF 3 WORK DAYS
 NOTICE BEFORE YOU EXCAVATE

MARK	REVISION	DATE	BY
Engineer: BDB	Checked By: MW	Scale: AS SHOWN	Field Bk:
Technician: MW	Date: JUNE 2015		

PROJECT No. 115.0449.30

SANDBURG ELEMENTARY
 GRADING & EROSION CONTROL PLAN
 MADISON, WISCONSIN

5010 VOEGES ROAD
 MADISON, WISCONSIN 53718
 608-838-0444 | www.snyder-associates.com

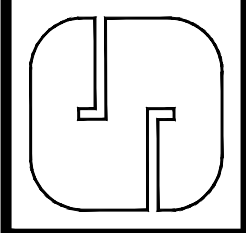
SNYDER & ASSOCIATES, INC.



NORTH

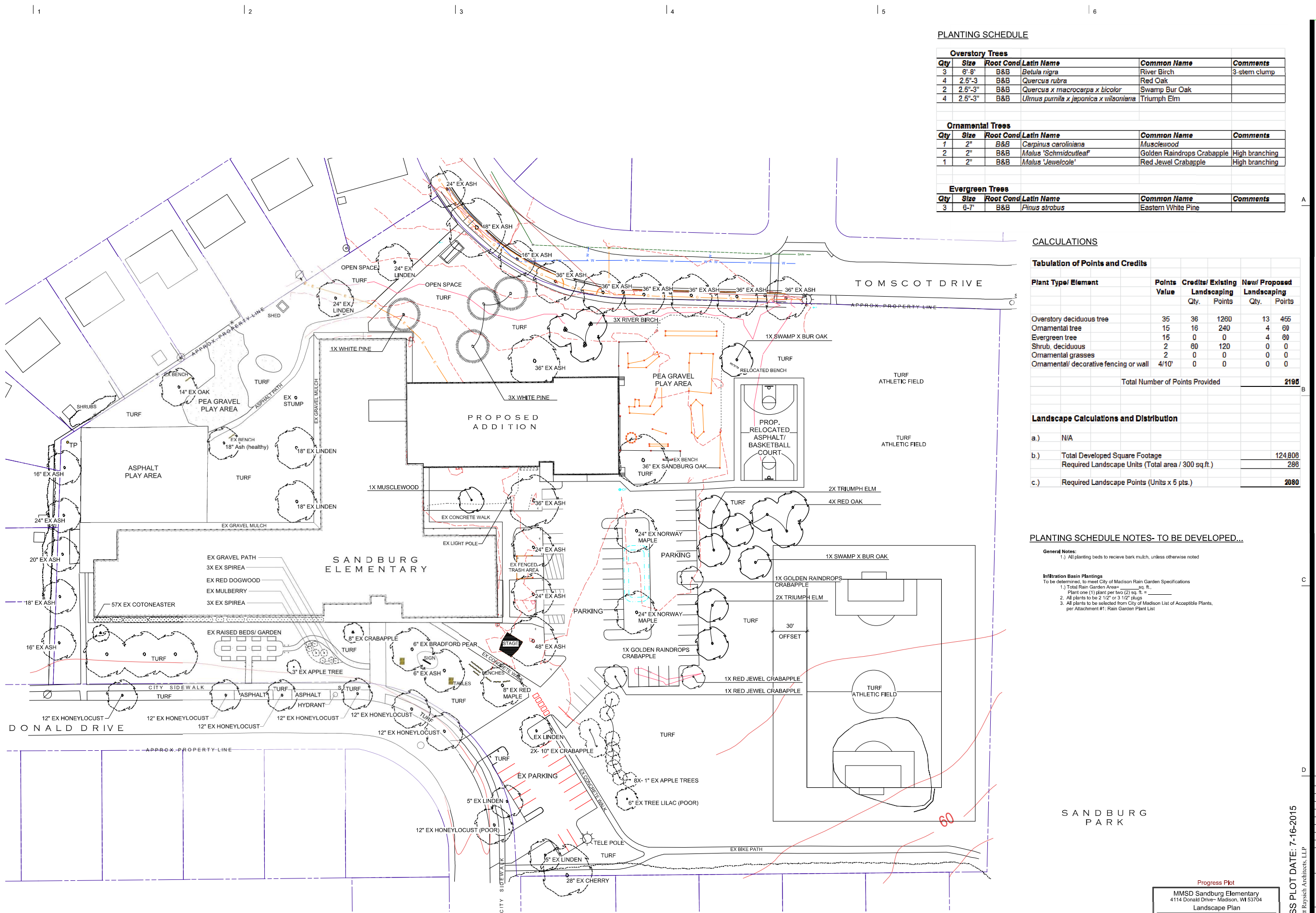


SCALE: 1" = 40' (11X17)
 1" = 20' (22X34)



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PLANTING SCHEDULE

Overstory Trees						
Qty	Size	Root Cond	Latin Name	Common Name	Comments	
3	6'-8"	B&B	<i>Betula nigra</i>	River Birch		
4	2.5'-3'	B&B	<i>Quercus rubra</i>	Red Oak		3-stem clump
2	2.5'-3"	B&B	<i>Quercus x macrocarpa x bicolor</i>	Swamp Bur Oak		
4	2.5'-3"	B&B	<i>Ulmus pumila x japonica x wilsoniana</i>	Triumph Elm		

Ornamental Trees						
Qty	Size	Root Cond	Latin Name	Common Name	Comments	
1	2"	B&B	<i>Carpinus caroliniana</i>	Musclewood		
2	2"	B&B	<i>Malus 'Schmidcutleaf'</i>	Golden Raindrops Crabapple		High branching
1	2"	B&B	<i>Malus 'Jewelcole'</i>	Red Jewel Crabapple		High branching

Evergreen Trees						
Qty	Size	Root Cond	Latin Name	Common Name	Comments	
3	6-7"	B&B	<i>Pinus strobus</i>	Eastern White Pine		

CALCULATIONS

Tabulation of Points and Credits

Plant Type/Element	Points Value	Credits/ Existing		New/ Proposed	
		Qty.	Points	Qty.	Points
Overstory deciduous tree	35	36	1260	13	465
Ornamental tree	15	16	240	4	60
Evergreen tree	15	0	0	4	60
Shrub, deciduous	2	80	120	0	0
Ornamental grasses	2	0	0	0	0
Ornamental decorative fencing or wall	4/10'	0	0	0	0
Total Number of Points Provided					2198

Landscape Calculations and Distribution

a.)	N/A		
b.)	Total Developed Square Footage		124,808
	Required Landscape Units (Total area / 300 sq.ft.)		288
c.)	Required Landscape Points (Units x 5 pts.)		2080

PLANTING SCHEDULE NOTES- TO BE DEVELOPED...

- General Notes:**
- All planting beds to receive bark mulch, unless otherwise noted.
- Infiltration Basin Plantings**
To be determined, to meet City of Madison Rain Garden Specifications
- Total Rain Garden Area = _____ sq. ft.
 - Plant one (1) plant per two (2) sq. ft. = _____
 - All plants to be 2-1/2" or 3-1/2" plugs
 - All plants to be selected from City of Madison List of Acceptable Plants, per Attachment #1: Rain Garden Plant List

SANDBURG PARK

Progress Plot

MMSD Sandburg Elementary
4114 Donald Drive - Madison, WI 53704
Landscape Plan

4797 Capitol View Rd
Madison, WI 53762
(608) 833-2098 (F)
(608) 833-9075 (T)

DRAWN BY: JAV
DATE: 7/16/2015
REVISIONS:

Scale: 1"=30'-0"
SHEET: 1 OF 1

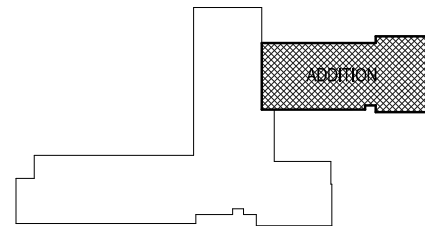
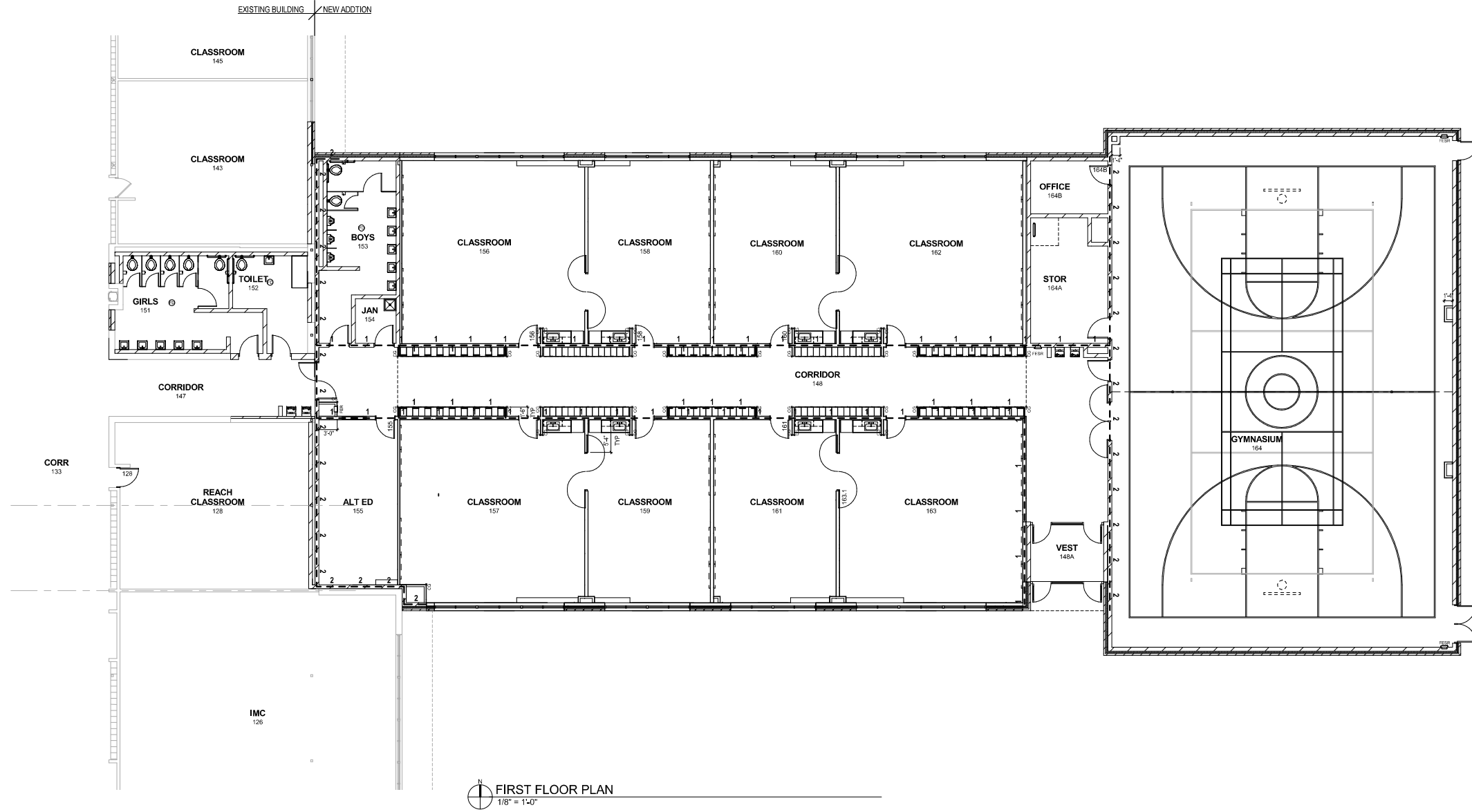
PROGRESS PLOT DATE: 7-16-2015

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Madison Metropolitan School District
 3rd Addition & Interior Renovation - Sandburg Elementary School
 4114 Donald Dr., Madison, WI 53704

Revisions:	Drawn By:	Date:	Job No.:	Sheet No.:
	JAV	07/15/15	140248-09	L100



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Drawn By:
KTB

Date:
07-13-15

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Madison Metropolitan School District
3rd Addition & Interior Renovation - Sandburg Elementary School
4114 Donald Dr., Madison, WI 53704

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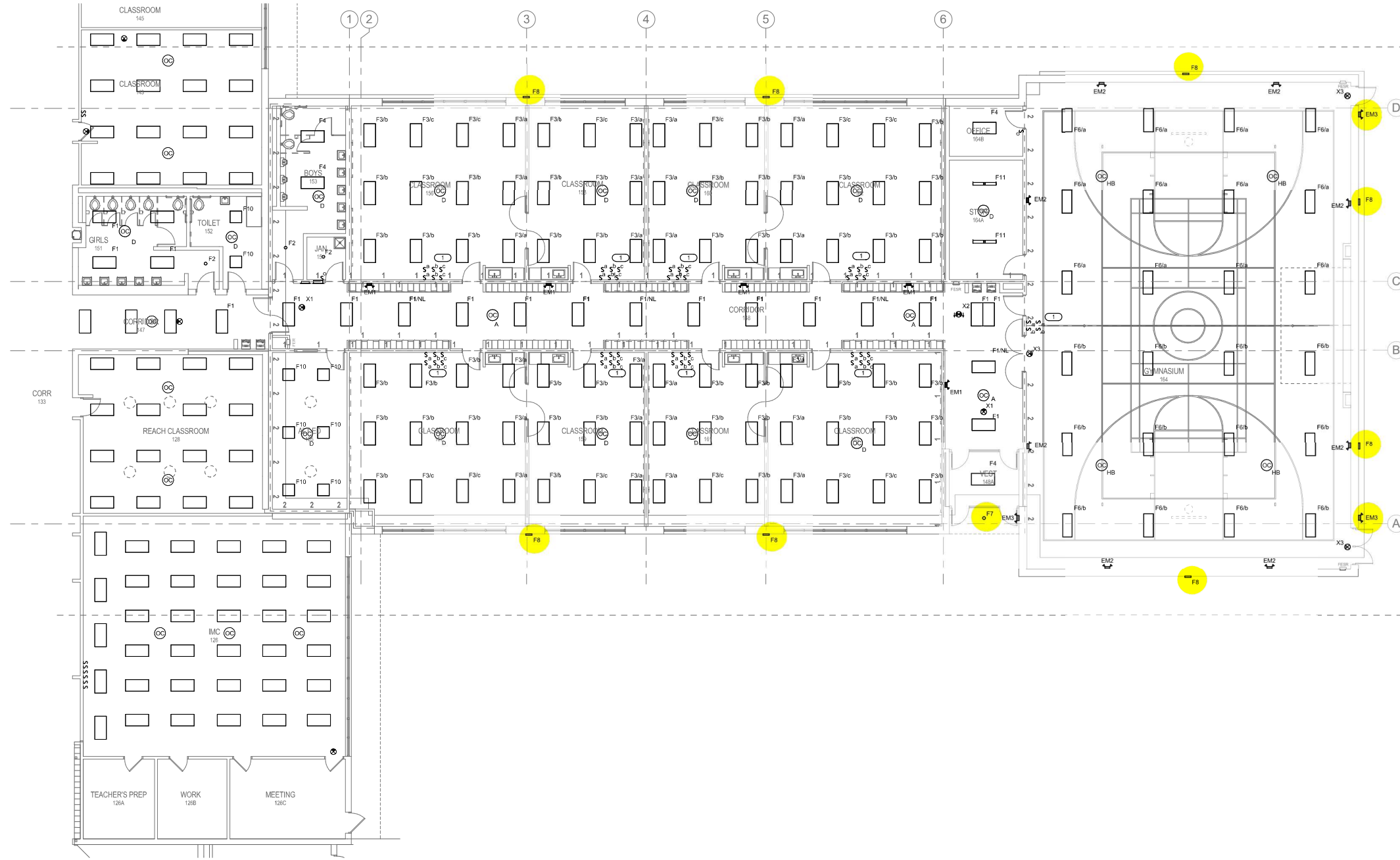
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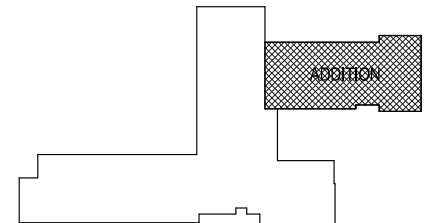
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KEYNOTES: #
 1. SWITCHES ARE TAGGED IN PAIRS FOR MULTILEVEL SWITCHING. SWITCHES SHALL SWITCH FIXTURES AS TAGGED.

1 FIRST FLOOR PLAN - LIGHTING
 1/8" = 1'-0"



K J ENGINEERING CONSULTANTS
 103 WEST BROADWAY, SUITE 310
 MADISON, WISCONSIN 53703
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TWP LED LED Wall Luminaire



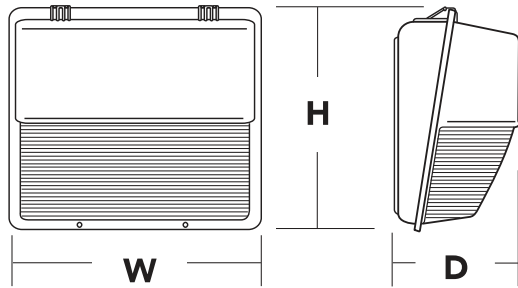
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Catalog Number	
Notes	
Type	

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



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

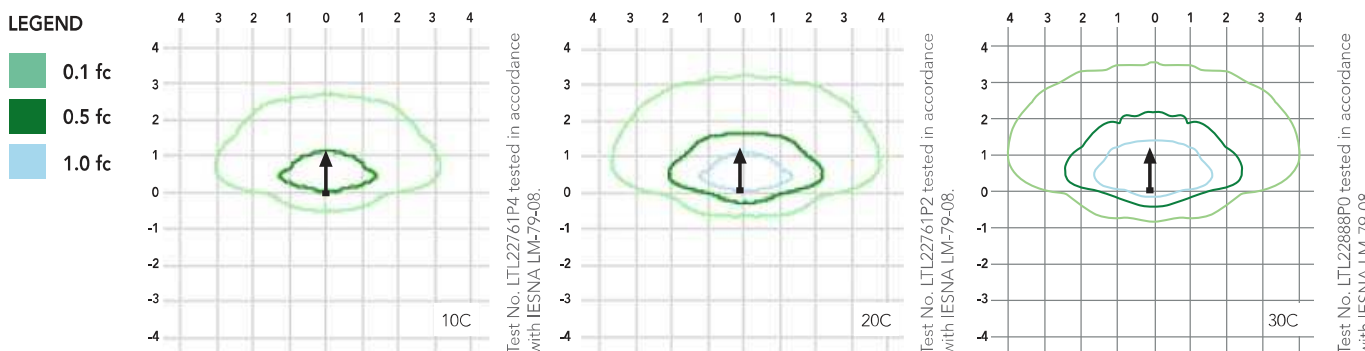
Electrical Load

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
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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.