

URBAN DESIGN COMMISSION APPLICATION

UDC

City of Madison
Planning Division
Madison Municipal Building, Suite 017
215 Martin Luther King, Jr. Blvd.
P.O. Box 2985
Madison, WI 53701-2985
(608) 266-4635



Complete all sections of this application, including the desired meeting date and the action requested.

If you need an interpreter, translator, materials in alternate formats or other accommodations to access these forms, please call the phone number above immediately.

FOR OFFICE USE ONLY:

Paid _____ Receipt # _____

Date received _____

Received by _____

Aldermanic District _____

Zoning District _____

Urban Design District _____

Submittal reviewed by _____

Legistar # _____

1. Project Information

Address: 2222 E. Washington Avenue

Title: East High School - Fieldhouse Entrance Addition

2. Application Type (check all that apply) and Requested Date

UDC meeting date requested 2/13/2019

New development Alteration to an existing or previously-approved development
 Informational Initial approval Final approval

3. Project Type

Project in an Urban Design District
 Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MXC)
 Project in the Suburban Employment Center District (SEC), 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 Residential Building Complex

Signage

Comprehensive Design Review (CDR)
 Signage Variance (i.e. modification of signage height, area, and setback)

Other

Please specify

4. Applicant, Agent, and Property Owner Information

Applicant name Ken Turba

Street address 2310 Crossroads Drive

Telephone 608-327-5502

Project contact person Ken Turba

Street address 2310 Crossroads Drive

Telephone 608-327-5502

Property owner (if not applicant) Chad Wiese

Street address 4711 Pfleum Road

Telephone 608-204-7909

Company Plunkett Raysich Architects, LLP

City/State/Zip Madison, WI 53718

Email kturba@prarch.com

Company Plunkett Raysich Architects, LLP

City/State/Zip Madison, WI 53718

Email kturba@prarch.com

City/State/Zip Madison, WI 53718

Email cwiese@madison.k12.wi.us

5. Required Submittal Materials

- Application Form
- Letter of Intent
 - If the project is within an Urban Design District, a summary of how the development proposal addresses the district criteria is required
 - For signage applications, a summary of how the proposed signage is consistent with the applicable CDR or Signage Variance review criteria is required.
- Development plans (Refer to checklist on Page 4 for plan details)
- Filing fee (Not Applicable Zoned as CI)
- Electronic Submittal*

Each submittal must include fourteen (14) 11" x 17" collated paper copies. Landscape and Lighting plans (if required) must be full-sized and legible. Please refrain from using plastic covers or spiral binding.

Both the paper copies and electronic copies must be submitted prior to the application deadline before an application will be scheduled for a UDC meeting. Late materials will not be accepted. A completed application form is required for each UDC appearance.

For projects also requiring Plan Commission approval, applicants must also have submitted an accepted application for Plan Commission consideration prior to obtaining any formal action (initial or final approval) from the UDC. All plans must be legible when reduced.

**Electronic copies of all items submitted in hard copy are required. Individual PDF files of each item submitted should be compiled on a CD or flash drive, or submitted via email to udcapplications@cityofmadison.com. The email must include the project address, project name, and applicant name. Electronic submittals via file hosting services (such as Dropbox.com) are not allowed. Applicants who are unable to provide the materials electronically should contact the Planning Division at (608) 266-4635 for assistance.*

6. Applicant Declarations

1. Prior to submitting this application, the applicant is required to discuss the proposed project with Urban Design Commission staff. This application was discussed with Janine Glaser on 1/10/2019.
2. 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 Ken Turba

Relationship to property Architect

Authorizing signature of property owner KT

Date 1/23/2019

7. Application Filing Fees

Fees are required to be paid with the first application for either initial or final approval of a project, unless the project is part of the combined application process involving the Urban Design Commission in conjunction with Plan Commission and/or Common Council consideration. Make checks payable to City Treasurer. Credit cards may be used for application fees of less than \$1,000.

Please consult the schedule below for the appropriate fee for your request:

- Urban Design Districts: \$350 (per §33.24(b) MGO)
- Minor Alteration in the Downtown Core District (DC) or Urban Mixed-Use District (UMX): \$150 (per §33.24(b) MGO)
- Comprehensive Design Review: \$500 (per §31.041(3)(d)(1)(a) MGO)
- Minor Alteration to a Comprehensive Sign Plan: \$100 (per §31.041(3)(d)(1)(c) MGO)
- All other sign requests to the Urban Design Commission, including, but not limited to: appeals from the decisions of the Zoning Administrator, requests for signage variances (i.e. modifications of signage height, area, and setback), and additional sign code approvals: \$300 (per §31.041(3)(d)(2) MGO)

A filing fee is not required for the following project applications if part of the combined application process involving both Urban Design Commission and Plan Commission:

- Project in the Downtown Core District (DC), Urban Mixed-Use District (UMX), or Mixed-Use Center District (MUC)
- Project in the Suburban Employment Center District (SEC), Campus Institutional District (CI), or Employment Campus District (EC)
- Planned Development (PD): General Development Plan (GDP) and/or Specific Implementation Plan (SIP)
- Planned Multi-Use Site or Residential Building Complex

23 January 2019

Department of Planning & Community & Economic
Development Planning Division
215 Martin Luther King, Jr. Blvd.
Madison, WI 53701

RE: Madison Metropolitan School District
East High School – Fieldhouse Entrance Addition
Urban Design Commission - Letter of Intent

COMMISSIONERS, on behalf of the Madison Metropolitan School District, we are seeking approval from the Urban Design Commission for an addition to East High School.

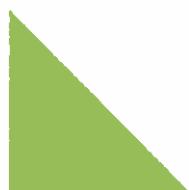
Proposed Single Story Building – The proposed single-story addition is approximately 6,000 gross square feet (GSF) in size and will serve as the main entrance to the existing fieldhouse. This addition adds an additional element of security to the existing school as well as an access point to the fieldhouse in lieu of having to travel through the entire school. The location of the proposed addition is on the southwest side of the existing school, and is accessed from N 4th Street. Although portions of the existing high school are historically significant, this addition is not located adjacent to the historically significant building elements and has been approved by the Landmarks Commission.

The major exterior materials will be brick, metal panels and aluminum curtain wall system. The intent is to bring in a modern element and mesh it with the existing context of the building to provide a new largely glass entrance to the school that will invoke excitement for those entering for sporting events. The space will function as the main entrance for larger events to be held in either the adjacent fieldhouse or pool. There will be concessions and new toilet facilities added to help support these events.

Best regards,



Ken Turba, AIA
Architect



209 south water street milwaukee, wisconsin 53204 414 359 3060
2310 crossroads drive suite 2000 madison, wisconsin 53718 608 240 9900
205 north orange avenue suite 202 sarasota, florida 34236 941 444 8845

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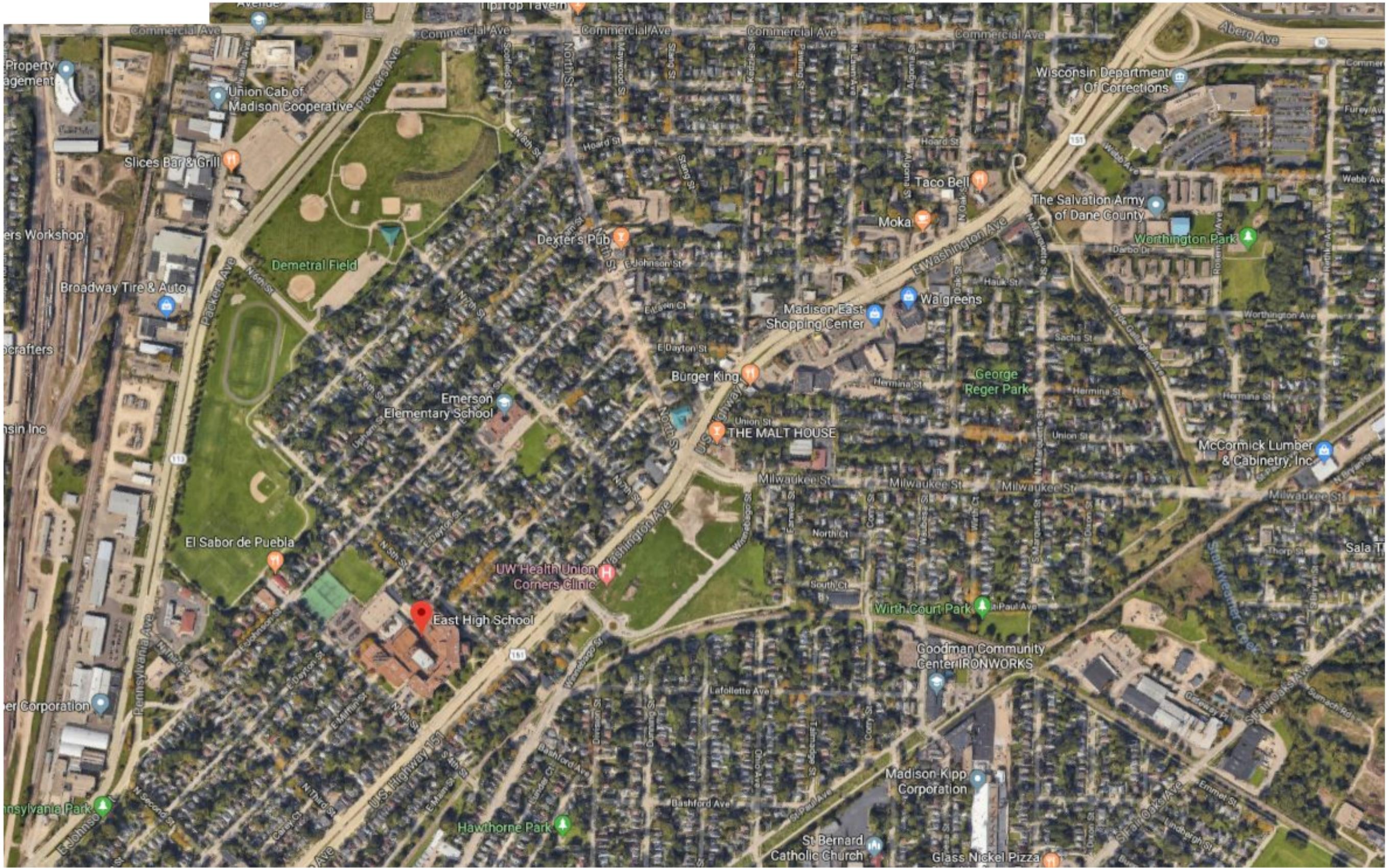
Partners Michael P. Brush, Martin P. Choren, Gregg R. Golden, Mark C. Herr, John J. Holz, Nicholas D. Kent, Steven A. Kieckhafer, Scott A. Kramer, Jason W. Puestow, David J. Raysich, Michael H. Scherbel, Larry A. Schneider, Michael J. Sobczak



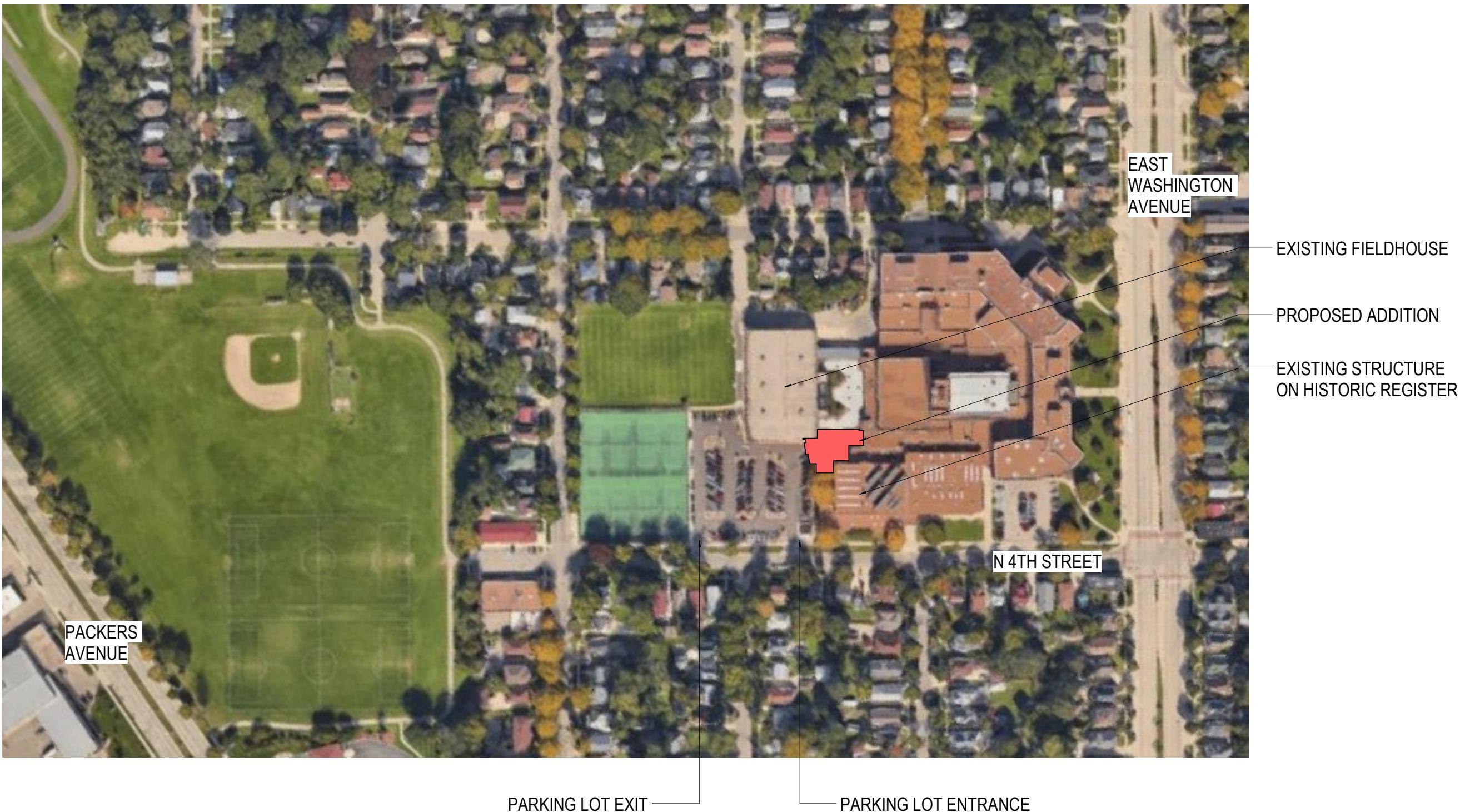
**Madison Metropolitan School District
East High School
Fieldhouse Entrance Addition**

January 23, 2019

East High School - Fieldhouse Entrance Addition - 2222 E. Washington Ave. Madison, WI 53704



East High School - Fieldhouse Entrance Addition - 2222 E. Washington Ave. Madison, WI 53704



East High School - Fieldhouse Entrance Addition - 2222 E. Washington Ave. Madison, WI 53704



STANDING AT PARKING LOT ENTRANCE, LOOKING DOWN 4TH STREET TOWARDS EAST WASHINGTON AVENUE



STANDING AT PARKING LOT EXIT, LOOKING DOWN 4TH STREET TOWARDS EAST JOHNSON STREET



STANDING AT PARKING LOT EXIT, LOOKING PAST TENNIS COURTS TOWARDS THE PRACTICE FIELDS



STANDING IN PARKING LOT, LOOKING AT WEST ELEVATION OF THE EXISTING FIELDHOUSE



STANDING IN PARKING LOT, LOOKING AT THE LOCATION FOR THE PROPOSED ADDITION, EXISTING FIELDHOUSE ON THE LEFT



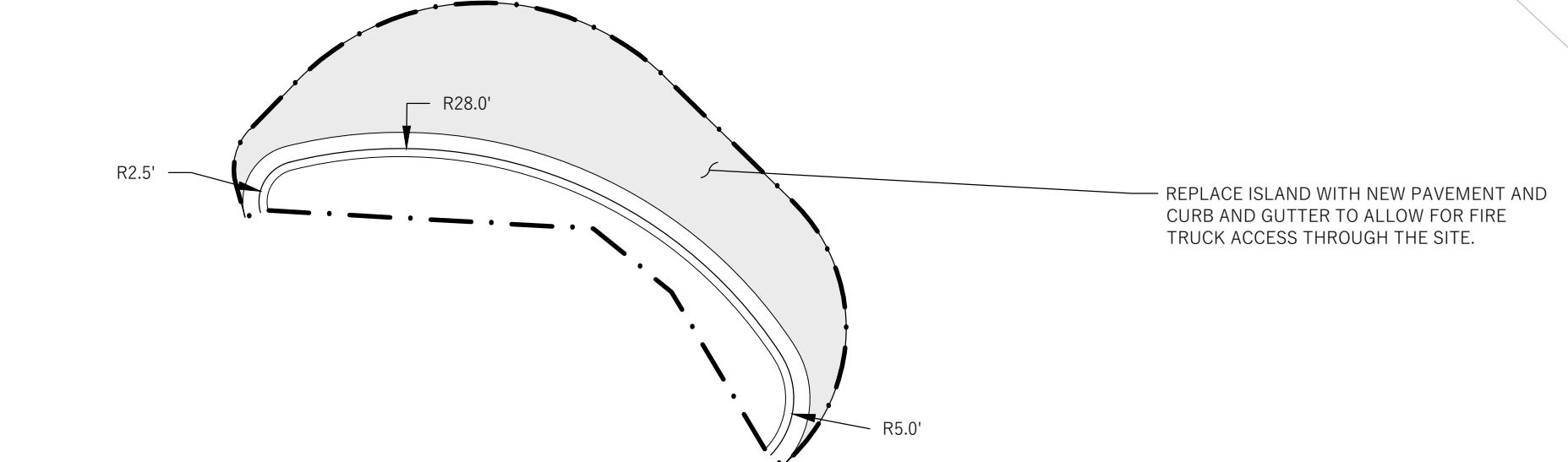
STANDING IN PARKING LOT ENTRANCE, LOOKING AT THE LOCATION FOR THE PROPOSED ADDITION, EXISTING FIELDHOUSE ON THE LEFT

UTILITY NOTES

1. DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
2. LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
3. CONTRACTOR SHALL VERIFY ALL ELEVATIONS, LOCATIONS, AND SIZES OF SANITARY, WATER AND STORM LATERALS AND CHECK ALL UTILITY CROSSINGS FOR CONFLICTS.
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH ENGINEERING PLANS, DESIGN STANDARDS, ORDINANCES AND REQUIREMENTS OF THE MUNICIPALITY AND WISCONSIN, MISSISSIPPI, AND DODGE COUNTIES.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
 - EXAMINING ALL SITES CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER FOR RESOLUTION. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS, INCLUDING PERMIT COSTS, TAP FEES, METER DEPOSITS, BONDS, AND ALL OTHER FEES REQUIRED FOR PROPOSED WORK TO OBTAIN OCCUPANCY. BONDS, PERMIT FEES, AND OTHER FEES ARE THE CONTRACTOR'S RESPONSIBILITY.
 - VERIFYING UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL DISCREPANCY IS RESOLVED.
 - NOTIFYING ALL UTILITIES PRIOR TO THE INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.
 - NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED. IF REQUIRED, ANY CHANGES TO THE DRAWINGS OR ADDITIONAL INFORMATION IS TO BE PROVIDED BY THE CONTRACTOR.
7. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTOR, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
8. ALL PRIVATE INTERCEPTOR WATER MAIN AND WATER SERVICES SHALL BE INSTALLED WITH A 6" MINIMUM BUR. PROVIDE INSULATION ABOVE PIPES WITH LESS THAN 5' OF GROUND COVER.
9. GRANULAR BACKFILL MATERIALS ARE REQUIRED IN ALL UTILITY TRENCHES UNDER SIDEWALKS AND PROPOSED PAVED AREAS UNLESS OTHERWISE SPECIFIED BY A GEOTECHNICAL ENGINEER. ALL UTILITY TRENCH BACKFILL SHALL BE COMPAKTED PER SPECIFICATIONS. ALL PAVER PATCHING SHALL CONFORM WITH THE CITY OF MADISON STANDARDS. SPECIFICATIONS ADDITIONAL PAVEMENT MILLING AND OVERLAY MAY BE REQUIRED BY PERMIT.
10. CONTRACTOR SHALL NOTIFY THE MUNICIPAL PUBLIC WORKS DEPARTMENT A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.
11. ALL NON-METALLIC BUILDING SEWER AND WATER SERVICES MUST BE ACCOMPANIED BY MEANS OF LOCATING UNDERGROUND PIPE. TRACER WIRE VALVE BOXES SHALL BE INSTALLED ON ALL LATERALS AND AS INDICATED ON THESE PLANS.
12. ALL EXTERIOR CLEANOUTS SHALL BE PROVIDED WITH A FROST SLEEVE IN ACCORDANCE WITH SPS 382.45(5)(b) AND SPS 384.3(2)(c).
13. ALL PRIVATE PLUMBING MATERIALS SHALL CONFORM TO SPS 384.40.
14. ALL PRIVATE PIPE JOINTS SHALL BE INSTALLED PER SPS 384.40.
15. THE CONTRACTOR SHALL ALLOW 10 WORKING DAYS FOR THE CONSTRUCTION OF GAS MAINS WHEN SCHEDULING THE WORK AND SHALL NOT RESTRICT ACCESS TO THE GAS MAIN CONTRACTOR OR OTHER UTILITY COMPANIES.
20. CONTRACTOR SHALL VERIFY AND COORDINATE ALL UTILITY CONNECTIONS WITH THE BUILDING PRIOR TO CONSTRUCTION.
21. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO BE IN CONFORMANCE WITH THE CITY EROSION CONTROL ORDINANCE AT ALL TIMES.

GRADING, SEEDING & RESTORATION NOTES

1. ALL GRADES SHOWN ARE FINAL FINISHED SURFACE GRADES.
2. AREAS TO BE SEEDED SHALL HAVE A MINIMUM 6 INCHES TOPSOIL UNLESS OTHERWISE NOTED.
3. RESTORATION SHALL OCCUR AS SOON AS PRACTICABLE AFTER THE DISTURBANCE, WITHIN 7 DAYS OF TOPSOILING.
4. AREAS NOT RESTED WITH EROSION MATTING OR OTHER STABILIZATION MEASURES SHALL BE STABILIZED WITH MULCH.
5. APPLY ANODIC POLYMER TO DISTURBED AREAS IF EROSION BECOMES PROBLEMATIC.
6. 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.
7. CONTRACTOR TO DEEP TILL ALL COMPACTED PERVIOUS SURFACES PRIOR TO SEEDING AND MULCHING.
8. MULCH SHALL BE WEED-FREE STRAW AND SHALL BE INSTALLED AT THE RATE OF 2 TONS PER ACRE PER SECTION 627 OF "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" (WISDOT 2014)
9. PERMANENT SEEDING SHALL NOT OCCUR BETWEEN SEPTEMBER 15TH AND APRIL 15TH.
10. ALTERNATE SEEDING/PLANTING METHODS AND/OR EROSION PROTECTION MAY BE NECESSARY FOR SEEDING/PLANTING THAT OCCURS DURING THAT TIME. COORDINATE WITH THE OWNER AS NECESSARY.
11. TEMPORARY STABILIZATION SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING OPTIONS:
 - a. TEMPORARY SEEDING CONSISTING OF ANNUAL RYE GRASS APPLIED AT A RATE OF 1.5 LBS PER 1000 SQUARE FEET.
 - b. HUSKERS, BAGGERS, OR URBAN EROSION CONTROL MAT.
12. ALL SLOPES EXCEEDING 6:1'SHALL USE PRESCRIBED SLOPE LANCE INCLUDING SLOPE INTERUPTION PER WIS. TECH. STD. 1071, SOIL STABILIZATION (PERMANENT SEEDING AND CLASS I, TYPE B EROSION MATTING ON SLOPES OR CLASS II, TYPE B MATTING IN DRAINAGE SWALES) AND LIMITING THE MAX PERIOD OF BARE SOIL TO 60 DAYS FOR LAND DISTURBANCE BETWEEN SEPTEMBER 16 AND MAY 1 AND 30 DAYS FOR LAND DISTURBANCE BETWEEN MAY 2 AND SEPTEMBER 15.



SITE INFORMATION BLOCK:

SITE ADDRESS: 2222 E. WASHINGTON AVE.
LOT ACREAGE: 11.07 AC
PERCENT OF SITE DISTURBANCE AS PART OF THIS PROJECT: 12.475 SQ.FT.
PERCENT OF SITE DISTURBANCE TO LOT ACREAGE: 2.6%
USE OF PROPERTY: INSTITUTIONAL
EXISTING IMPERVIOUS AREA WITHIN SITE DISTURBANCE LIMITS: 9,938 SQ.FT.
PAVEMENT: 9,938 SQ.FT.
REDEVELOPMENT IMPERVIOUS AREA: 8,668 SQ.FT.
PAVEMENT: 5,189 SQ.FT.
PAVEMENT (SIDEWALK, PATIO AND UTILITY TRENCH): 3,480 SQ.FT.
RESURFACING IMPERVIOUS AREA: 1,407 SQ.FT.
PAVEMENT: 0 SQ.FT.
PAVEMENT: 1,407 SQ.FT.
NEW IMPERVIOUS SURFACE AREA: 1,890 SQ.FT.
PAVEMENT: 736 SQ.FT.
PAVEMENT (SIDEWALK, PATIO, DUMPSTER AND DRIVEWAY): 1,154 SQ.FT.
FINAL SITE DISTURBANCE AREA IMPERVIOUS SURFACE AREA: 11,965 SQ.FT.
PAVEMENT: 5,924 SQ.FT.
PAVEMENT: 6,041 SQ.FT.

CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE CURRENT WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS (dnr.wis.gov).
2. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE.
3. ENGINEER / CITY OF MADISON HAS THE RIGHT TO REQUIRE CONTRACTOR TO IMPLEMENT ADDITIONAL EROSION CONTROL. CONTRACTOR MUST NOTIFY THE CITY OF MADISON BUILDING INSPECTOR TWO (2) WORKING DAYS IN ADVANCE OF ANY SOIL DISTURBANCE.
4. 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. REPORTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES IN WORKING ORDER. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER.
6. Dewatering practices shall comply with technical standard 1061.
7. DUST CONTROL SHALL BE MITIGATED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1068.
8. ALL DISTURBED AREAS SHALL BE SEDED AND MULCHED IMMEDIATELY FOLLOWING FINAL GRADING ACTIVITIES.
9. SEED MIX AND RATE SHALL BE, AT A MINIMUM, IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1059.
10. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE VEGETATION PLAN FOR ENGINEER / OWNER APPROVAL. VEGETATION PLAN AND BIOTERRAIN INSTALLATION SHALL BE IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1004.
11. CONTRACTOR TO PROVIDE SOLID LID OR METAL PLATE ON ALL OPEN MANHOLES DURING CONSTRUCTION TO MINIMIZE SEDIMENT FROM ENTERING THE STORM SEWER SYSTEM.
12. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THE MUNICIPAL EROSION CONTROL PERMIT AND FOLLOWING ALL APPLICABLE REQUIREMENTS.

LEGEND (PROPOSED)

PROPOSED PROPERTY BOUNDARY
EASEMENT
BUILDING FOOTPRINT
ASPHALT PAVEMENT
CONCRETE PAVEMENT
MINOR CONTOUR
SPOT ELEVATION
DRAINAGE BREAK
1.0%

NORTH
1" = 10' ON 30'X42'
NTS ON 11"X17"

200' south water street, madison, wisconsin 53704
230' crosswalks, drive side, 600' median, elevation 5371.14
200' north, orange, fence, utility, 202' median, elevation 5370.94
0' 5' 10'
14 309 2000
16 240 2000
16 340 2000
www.pronch.com

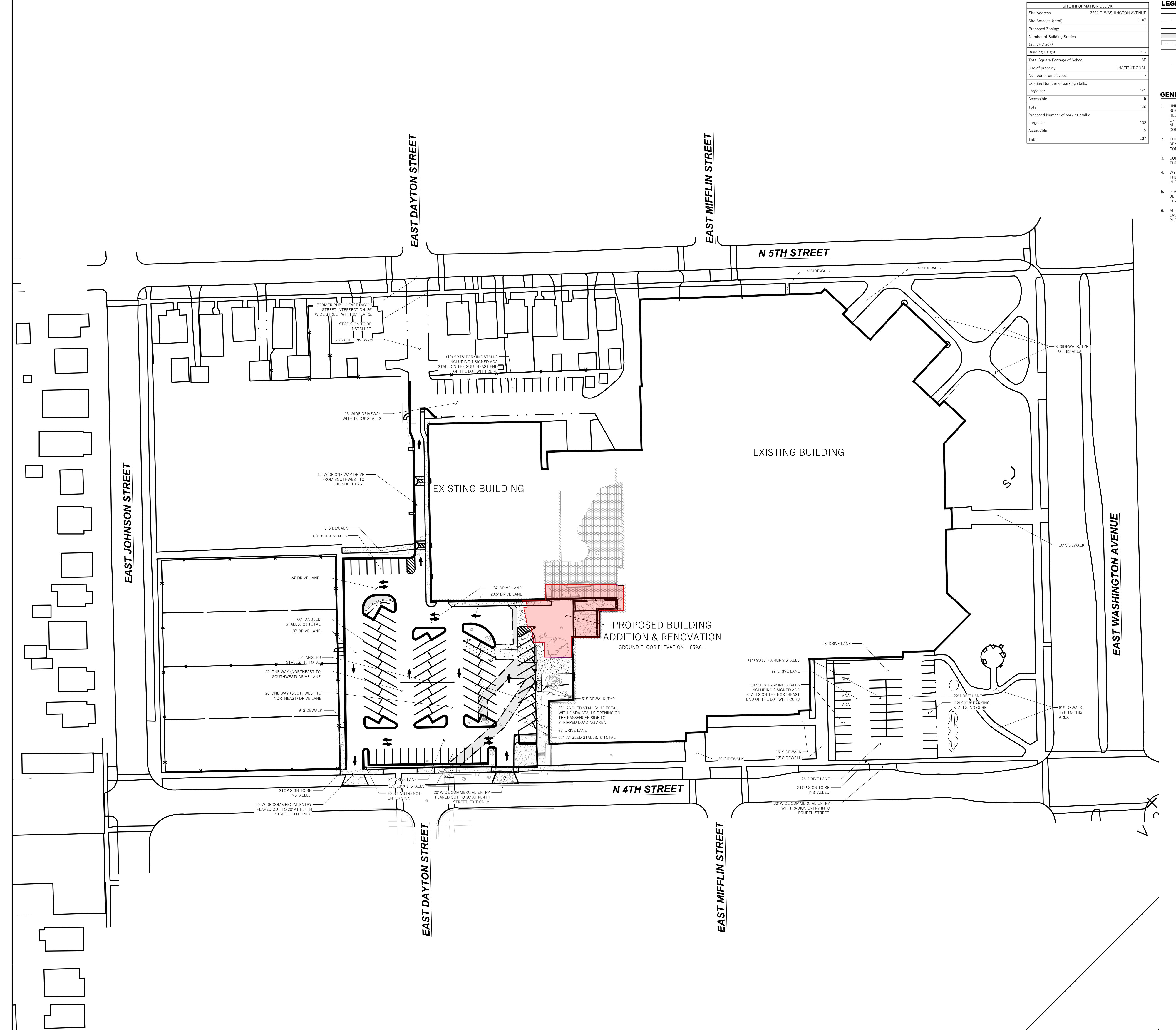
Madison Metropolitan School District
Madison East High School - Fieldhouse Entrance Addition
2222 E. Washington Ave, Madison, WI 53704

Revisions:

Date: 01/07/2019
Job No: 170258-01
Sheet No: 1

SITE, GRADING & UTILITY PLAN

C100



NORTH

1" = 40' ON 30"X42" NTS ON 11"X17"

0' 20' 40'

LEGEND (PROPOSED)

PROPOSED PROPERTY BOUNDARY
EASEMENT
BUILDING FOOTPRINT
ASPHALT PAVEMENT
CONCRETE PAVEMENT
MINOR CONTOUR
SPOT ELEVATION
DRAINAGE BREAK
DRAINAGE ARROW

GENERAL NOTES

- UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS SURVEYED BY WYSER ENGINEERING ON AUGUST 9-10, 2018. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRORS IN THE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
- THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
- CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND USE PLANNING PROCESS.
- WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS 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 REDESIGN MAY OCCUR.
- ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

200 south water street, madison, wisconsin 53704
2310 crossroads drive, suite 2000 madison, wisconsin 53714
200 north orange avenue, madison, wisconsin 53703
414-369-2000
608-240-8000
941-340-3400
1" = 40' ON 30"X42" NTS ON 11"X17"

0' 20' 40'

LEGEND (PROPOSED)

PROPOSED PROPERTY BOUNDARY
EASEMENT
BUILDING FOOTPRINT
ASPHALT PAVEMENT
CONCRETE PAVEMENT
MINOR CONTOUR
SPOT ELEVATION
DRAINAGE BREAK
DRAINAGE ARROW

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prk
PLUNKETT RAYSICH
ARCHITECTS, LLP

Madison Metropolitan School District
Madison East High School - Fieldhouse Entrance Addition
2222 E. Washington Ave. Madison, WI 53704

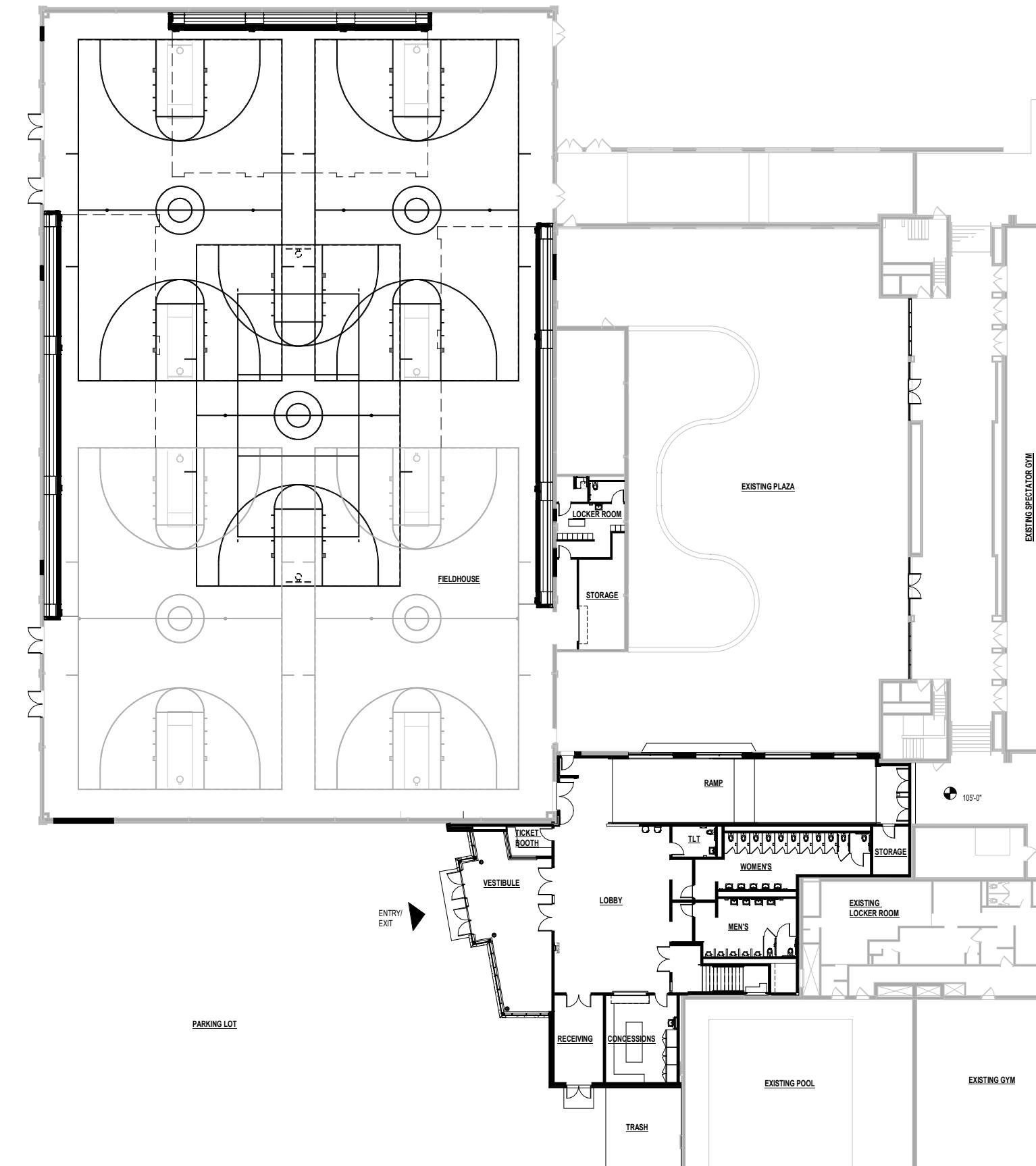
Revisions:

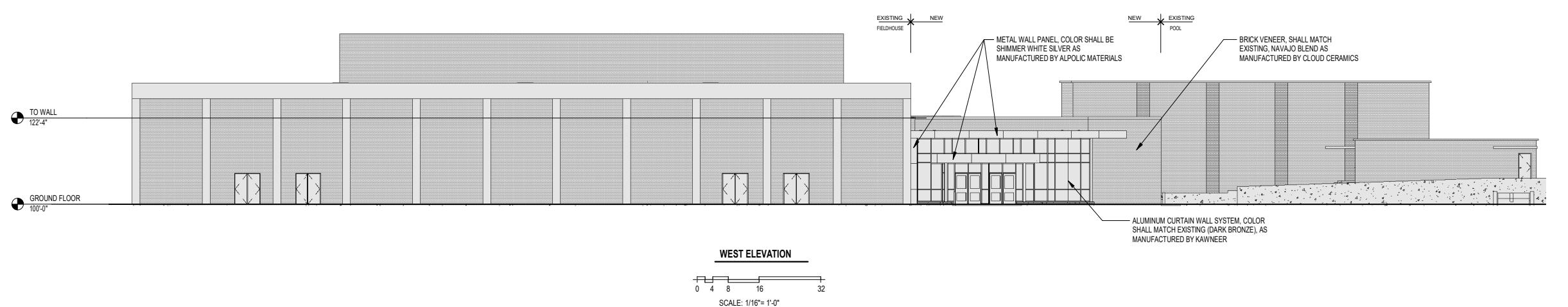
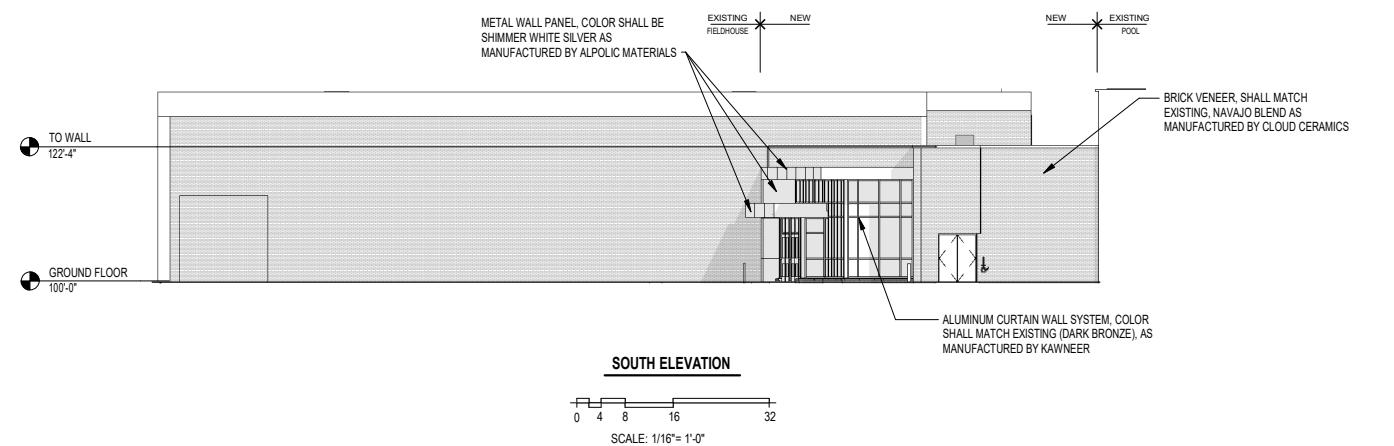
Date: 01/07/2019
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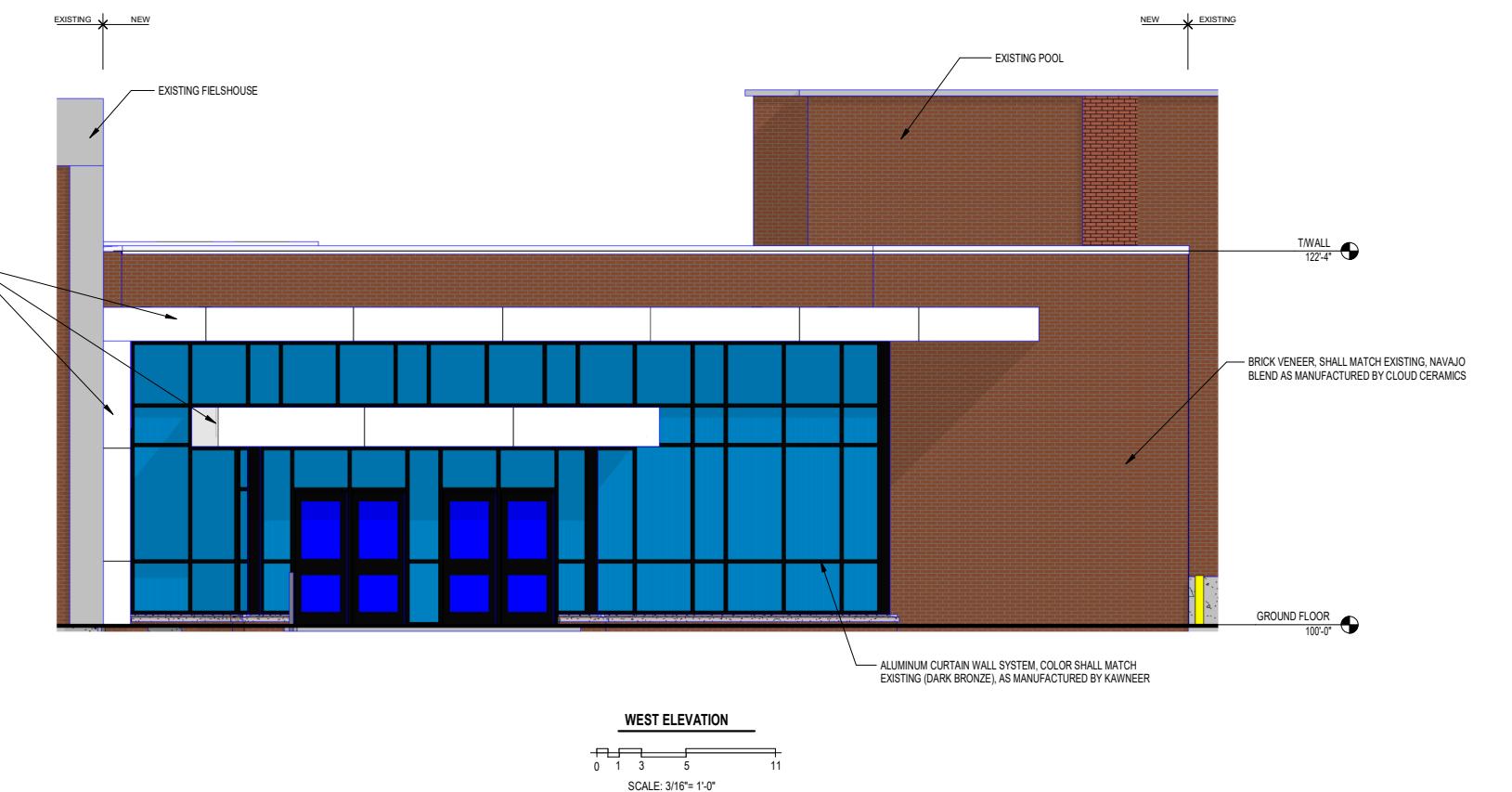
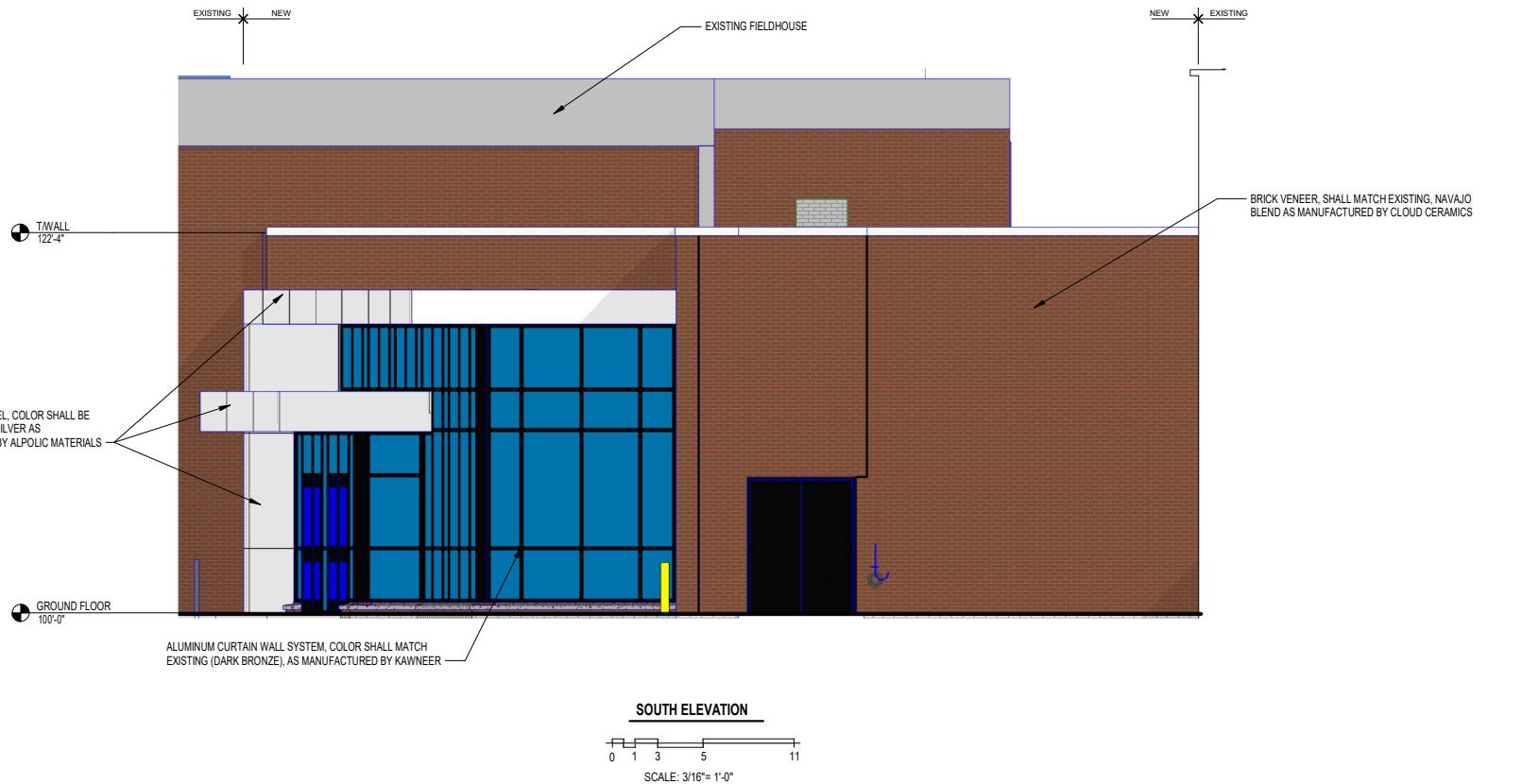
OVERALL SITE PLAN

C101

East High School - Fieldhouse Entrance Addition - 2222 E. Washington Ave. Madison, WI 53704

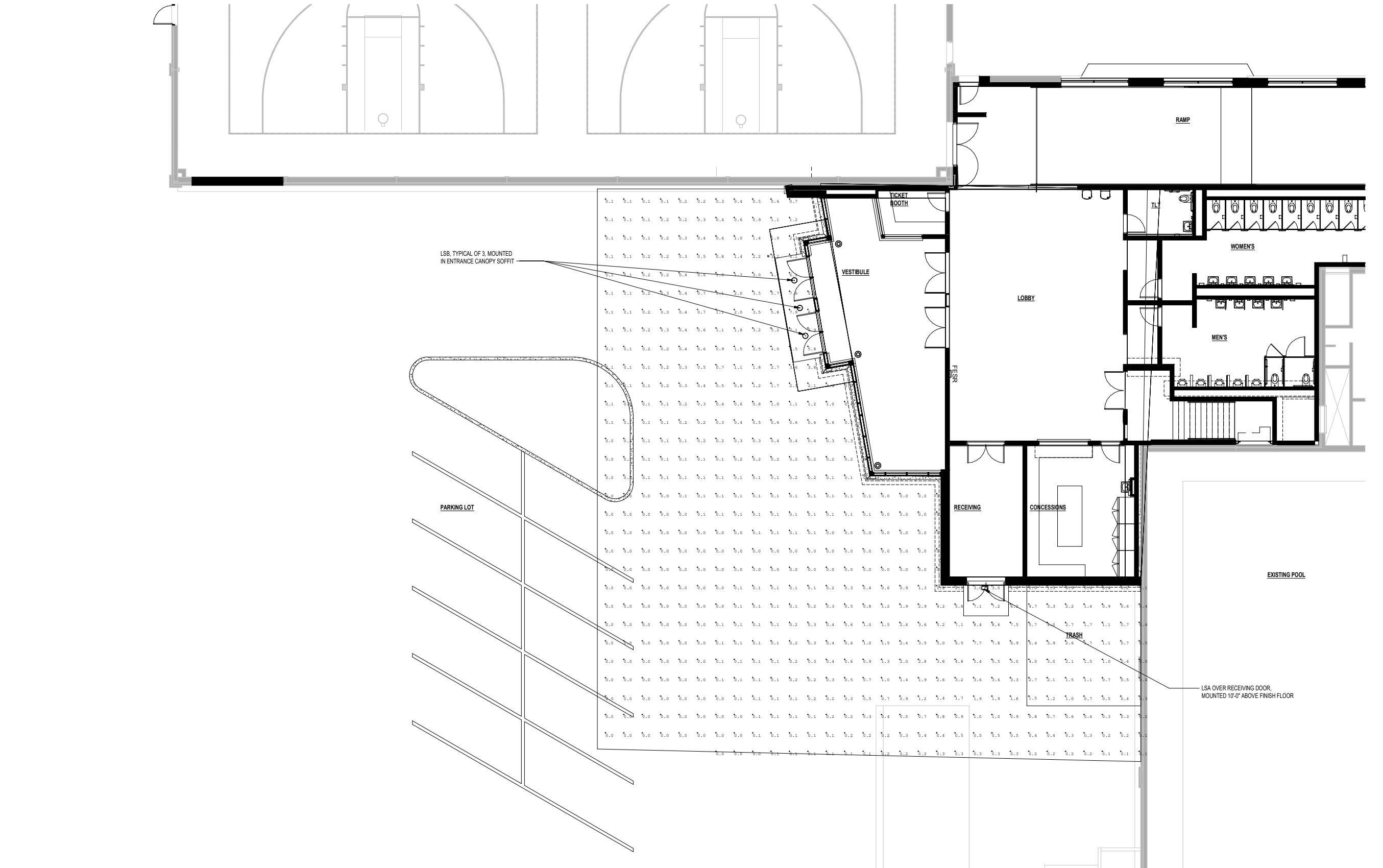






East High School - Fieldhouse Entrance Addition - 2222 E. Washington Ave. Madison, WI 53704







WST LED

Architectural Wall Sconce



Catalog Number

Notes

Type

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

Specifications

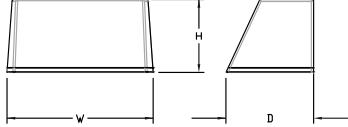
Luminaire

Height: 8-1/2"
(21.59 cm)

Width: 17"
(43.18 cm)

Depth: 10-3/16"
(25.9 cm)

Weight: 20 lbs
(9.1 kg)

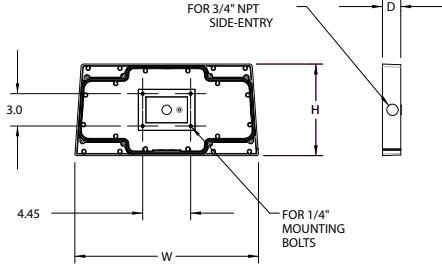


Optional Back Box (PBBW)

Height: 8.49"
(21.56 cm)

Width: 17.01"
(43.21 cm)

Depth: 1.70"
(4.32 cm)

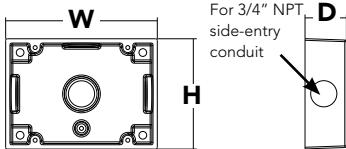


Optional Back Box (BBW)

Height: 4"
(10.2 cm)

Width: 5-1/2"
(14.0 cm)

Depth: 1-1/2"
(3.8 cm)



Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a **shaded background**. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a **shaded background**¹

To learn more about A+, visit www.acuitybrands.com/aplus.

See ordering tree for details.

A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)



A+ Capable options indicated
by this color background.

Ordering Information

EXAMPLE: WST LED P1 40K VF MVOLT DDBTXD

WST LED									
Series	Performance Package	Color temperature	Distribution	Voltage			Mounting		
WST LED	P1 1,500 Lumen package	27K 2700 K	VF Visual comfort forward throw VW Visual comfort wide	MVOLT ¹	277 ²		Shipped included		
	P2 3,000 Lumen package	30K 3000 K		120 ²	347 ²		(blank) Surface mounting bracket		
	P3 6,000 Lumen package	40K 4000 K		208 ²	480 ²		Shipped separately		
		50K 5000 K		240 ²			BBW Surface-mounted back box ³		
							PBBW Premium surface-mounted back box ^{3,4}		

Options						Finish (required)	
PE	Photoelectric cell, button type ⁵	E7WC	Emergency battery backup, Non CEC compliant (cold, 7W) ^{10,11}	DDBXD	Dark bronze		
PER	NEMA twist-lock receptacle only (controls ordered separate) ⁶	E7WHR	Remote emergency battery backup, Non CEC compliant (remote 7W) ^{10,12}	DBLXD	Black		
PERS	Five-wire receptacle only (controls ordered separate) ⁶	E20WH	Emergency battery pack 18W constant power, CEC compliant ¹⁰	DNAXD	Natural aluminum		
PER7	Seven-wire receptacle only (controls ordered separate) ⁶	E20WC	Emergency battery pack -20°C 18W constant power, CEC compliant ^{10,11}	DWHXD	White		
PIR	Motion/Ambient Light Sensor, 8-15' mounting height ^{7,8}	E23WHR	Remote emergency battery backup, Non CEC compliant (remote 20W) ^{10,11,13}	DSSXD	Sandstone		
PIR1FC3V	Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{7,8}	LCE	Left side conduit entry ¹⁴	DDBTXD	Textured dark bronze		
PIRH	180° motion/ambient light sensor, 15-30' mounting height ^{7,8}	RCE	Right side conduit entry ¹⁴	DBLBXD	Textured black		
PIRH1FC3V	Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{7,8}			DNATXD	Textured natural aluminum		
SF	Single fuse (120, 277, 347V) ²			DWHGXD	Textured white		
DF	Double fuse (208, 240, 480V) ²			DSSTXD	Textured sandstone		
DS	Dual switching ⁹						
E7WH	Emergency battery backup, Non CEC compliant (7W) ¹⁰						

Accessories

Ordered and shipped separately.

WSTVCPBBW DDBXD U	Premium Surface - mounted back box
WSBBW DDBTXD U	Surface - mounted back box
RBPW DDBXD U	Retrofit back plate

NOTES

- 1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 2 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- 3 Also available as a separate accessory; see accessories information.
- 4 Top conduit entry standard.
- 5 Need to specify 120, 208, 240 or 277 voltage.
- 6 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
- 7 Not available with VG or WG. See PER Table.

8 Reference Motion Sensor table.

9 Not available with Emergency options, PE or PER options.

10 Not available with 347/480V.

11 Battery pack rated for -20° to 40°C.

12 Comes with PBBW.

13 Warranty period is 3-years.

14 Not available with BBW.

15 Must order with fixture; not an accessory.

Emergency Battery Operation

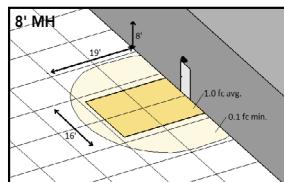
The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product.

All emergency backup configurations include an independent secondary driver with an integral relay to immediately detect AC power loss, meeting interpretations of [NFPA 70/NEC 2008 - 700.16](#)

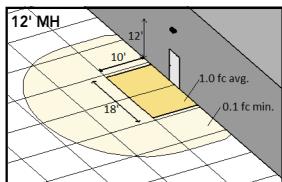
The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per [International Building Code Section 1006](#) and [NFPA 101 Life Safety Code Section 7.9](#), provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.

The examples below show illuminance of 1 fc average and 0.1 fc minimum of the P1 power package and VF distribution product in emergency mode.

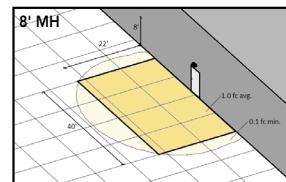
10' x 10' Gridlines
8' and 12' Mounting Height



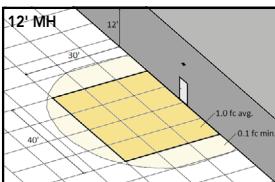
WST LED P1 27K VF MVOLT E7WH



WST LED P1 27K VF MVOLT E7WH



WST LED P1 27K VF MVOLT E7WH



WST LED P1 27K VF MVOLT E7WH

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	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

Projected LED Lumen Maintenance

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.95	>0.92	>0.87

Electrical Load

Performance package	System Watts	Current (A)					
		120	208	240	277	347	480
P1	11	0.1	0.06	0.05	0.04	---	---
	14	---	---	---	---	0.04	0.03
P1 DS	14	0.12	0.07	0.06	0.06	---	---
	25	0.21	0.13	0.11	0.1	---	---
P2	25	0.21	0.13	0.11	0.1	---	---
	30	---	---	---	---	0.09	0.06
P2 DS	25	0.21	0.13	0.11	0.1	---	---
	50	0.42	0.24	0.21	0.19	---	---
P3	56	---	---	---	---	0.16	0.12
	52	0.43	0.26	0.23	0.21	---	---
P3 DS	52	0.43	0.26	0.23	0.21	---	---

Motion Sensor Default Settings

Option	Dimmed State	High Level (when triggered)	Photocell Operation	Ramp-up Time	Dwell Time	Ramp-down Time
*PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	3 sec	5 min	5 min
PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	3 sec	5 min	5 min

*for use with centralize Dusk to Dawn

PER Table

Control	PER (3 wire)	PER5 (5 wire)			PER7 (7 wire)		
			Wire 4/Wire5		Wire 4/Wire5	Wire 6/Wire7	
Photocontrol Only (On/Off)	✓	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture	
ROAM	🚫	✓	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture	
ROAM with Motion	🚫	⚠	Wired to dimming leads on driver	⚠	Wired to dimming leads on driver	Wires Capped inside fixture	
Futureproof*	🚫	⚠	Wired to dimming leads on driver	✓	Wired to dimming leads on driver	Wires Capped inside fixture	
Futureproof* with Motion	🚫	⚠	Wired to dimming leads on driver	✓	Wired to dimming leads on driver	Wires Capped inside fixture	

 Recommended

 Will not work

 Alternate

*Futureproof means: Ability to change controls in the future.

Lumen Output

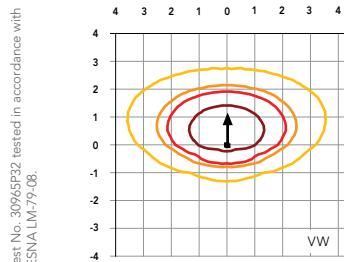
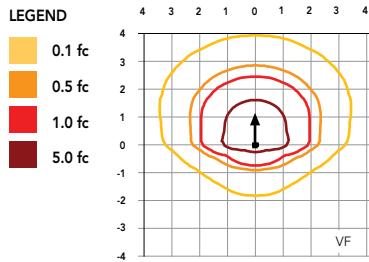
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts.

Performance Package	System Watts (MVOLT)	Dist. Type	27K (2700K, 70 CRI)					30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	12W	VF	1,494	0	0	0	125	1,529	0	0	0	127	1,639	0	0	0	137	1,639	0	0	0	137
		VW	1,513	0	0	0	126	1,548	0	0	0	129	1,659	0	0	0	138	1,660	0	0	0	138
P2	25W	VF	3,163	1	0	1	127	3,237	1	0	1	129	3,469	1	0	1	139	3,468	1	0	1	139
		VW	3,201	1	0	0	128	3,276	1	0	0	131	3,512	1	0	0	140	3,512	1	0	0	140
P3	50W	VF	6,025	1	0	1	121	6,165	1	0	1	123	6,609	1	0	1	132	6,607	1	0	1	132
		VW	6,098	1	0	1	122	6,240	1	0	1	125	6,689	1	0	1	134	6,691	1	0	1	134

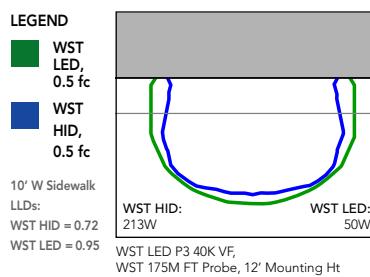
Photometric Diagrams

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

Isofootcandle plots for the WST LED P3 40K VF and VW. Distances are in units of mounting height (10').



Distribution overlay comparison to 175W metal halide.



FEATURES & SPECIFICATIONS

INTENDED USE

The classic architectural shape of the WST LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long life LEDs and driver make this luminaire nearly maintenance-free.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

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. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WST LED 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(s) consist of 98 high-efficacy LEDs mounted to a metal core circuit board and integral aluminum heat sinks to maximize heat dissipation and promote long life (100,000 hrs at 40°C, L87). Class 2 electronic driver has a power factor >90%, THD <20%. Easily-serviceable surge protection device meets a minimum Category B (per ANSI/IEEE C62.41.2).

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. PIR and back box options are rated for wet location. Rated for -30°C to 40°C ambient.

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

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

FEATURES & SPECIFICATIONS

INTENDED USE — The OLCFM provides years of maintenance-free general illumination for residential and commercial outdoor applications such as porches, covered walkways and store entrances.

CONSTRUCTION — Rugged cast-aluminum top-plate and outer-ring are protected by a 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.

Polycarbonate LED lens/cover protects LEDs.

Fixture weight = 2.98 lbs.

OPTICS — 96 high-performance LEDs produces up to 1077 lumens and maintain 70% of light output at 50,000 hours of service.

(LED lifespan based on IESNA LM-80-08 results and calculated per IESNA TM-21-11 methodology.)

White acrylic diffuser provides a soft white light at 4000K CCT

See Lighting Facts Labels for specific fixture performance.

ELECTRICAL — Fixture operates at 120 volts, 60 Hz.

Standard input = 16.6 watts

Operating temperature -40°C to 40°C.

Amps @ 120V = .131.

Surge protection = 2.5kV.

INSTALLATION — Mounts easily to existing junction box (by others).

LISTINGS — UL Listed to U.S. and Canadian safety standards for wet locations.

Designed for ceiling or wall mounting more than 4' above the ground.

Tested in accordance with IESNA LM-79 and LM-80 standards.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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.

Note: Specifications subject to change without notice.

Catalog
Number

Notes

Type

Outdoor General Purpose

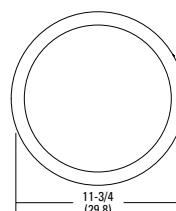
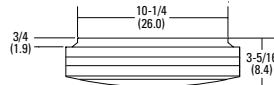
OLCFM



OUTDOOR LED CAST FLUSH MOUNT



LED
lighting
facts
LED Product Partner



All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

All configurations of this product are considered "standard" and have short lead times.

Example: OLCFM 15 DDB

OLCFM	Light Engine	Color Temperature (CCT) ¹	Voltage	Finish
OLCFM	15	(blank) 4000K	(blank) 120V	DDB Dark bronze WH White

Notes

¹ Nominal Correlated Color Temperature (CCT) per ANSI C78.377-2008.

OLCFM Outdoor LED Cast Flush Mount

PHOTOMETRIC DIAGRAMS

To see complete photometric reports or download .ies files for this product, visit www.Lithonia.com. Tested in accordance with IESNA LM 79 and LM 80 standards.

