City of Waukesha
Application for Development Review

Last Revision Date: 6/18/2018

City of Waukesha Community Development Department - 201 Delafield Street, Suite 200, Waukesha, WI 53188 262-524-3750
City of Waukesha Department of Public Works Engineering Division—130 Delafield Street, Waukesha, WI 53188 262-524-3600
www.waukesha-wi.gov

APPLICANT INFORMATION

Applicant Name: Kate Egan
Applicant Company Name: Bray Architects
Address: 829 S 1st Street
City, State: Milwaukee, WI Zip: 53228
Phone: 414-615-7679
E-Mail: kegan@brayarch.com

PROPERTY OWNER INFORMATION

Applicant Name: School District of Waukesha
Applicant Company Name: School District of Waukesha
Address: 222 Maple Ave
City, State: Waukesha, WI Zip: 53186
Phone: 414-615-7679
E-Mail: dclark@waukesha.k12.wi.us

ARCHITECT/ENGINEER/SURVEYOR INFORMATION

Name: Kate Egan
Company Name: Bray Architects
Address: 829 S 1st Street
City, State: Milwaukee, WI Zip: 53228
Phone: 414-615-7679
E-Mail: kegan@brayarch.com

PROJECT & PROPERTY INFORMATION

Project Name: Butler Middle School
Property Address 310 N Hine Ave, Waukesha, 53188
Tax Key Number(s): WAKC 1309.086
Zoning: Institutional - 1
Total Acreage: 8.674 Existing Building Square Footage 124,324
Proposed Building/Addition Square Footage: 12,654
Current Use of Property: Middle School

PROJECT SUMMARY (please provide a brief project description)

Addition (1-2 story, with basement) to the southern elevation to create a secure entry / new main entrance with an elevator. Addition includes new main office, classrooms and support space. Renovations include student services, science labs, kitchen/cafeteria, library / media center and classrooms. Updated finishes in a large portion of the building. Parking lot and access drive improvements, Stormwater Management improvements - Bioretention Basin.

All submittals require a complete scaled set of digital plans (Adobe PDF) and shall include a project location map showing a 1/2 mile radius, a COLOR landscape plan, COLOR building elevation plans, and exterior lighting photometric maps and cut sheets. A pre-application meeting is required prior to submittal of any applications for Subdivisions, Planned Unit Developments, and Site and Architectural Plan Review. **The deadline for all applications requiring Plan Commission Reviews is at 4:00 P.M, 30 days prior to the meeting date. The Plan Commission meets the Second and Fourth Wednesday of each month.**

APPLICATION ACKNOWLEDGEMENT AND SIGNATURES

I hereby certify that I have reviewed the City of Waukesha Development Handbook, City Ordinances, Submittal Requirements and Checklists and have provided one PDF of all required information. Any missing or incomplete information may result in a delay of the review of your application. By signing this I also authorize The City of Waukesha or its agents to enter upon the property for the purpose of reviewing this application.

Applicant Signature Kate Egan
Applicant Name (Please Print) Kate Egan
Date: 11/08/19

For Internal Use Only:

Amount Due (total from page 2): _____ Amount Paid: _____ Check #: _____
Trakit ID(s) _____ Date Paid: _____

City of Waukesha Application for Development Review

TYPE OF APPLICATION & FEES (CHECK ALL THAT APPLY) **Fees**

Please note that each application type has different submittal requirements. Detailed submittal checklists can be found in Appendix A of the Development Handbook.

☐Plan Commission Consultation **$200** _____

☐Traffic Impact Analysis _____

- ☐Commercial, Industrial, Institutional, and Other Non-Residential **$480**
- ☐Residential Subdivision or Multi-Family **$480**
- ☐Resubmittal (3rd and all subsequent submittals **$480**

☐Preliminary Site Plan Review _____

- ☐Level 1: Buildings/additions less than 10,000 sq.ft. or sites less than 1 acre **$2,200**
- ☐Level 2: Buildings/additions between 10,001-50,000 sq.ft. or sites between 1.01 and 10 acres **$2,320**
- ☐Level 3: Buildings/additions between 50,001-100,000 sq.ft. or sites between10.01 and 25 acres **$2,440**
- ☐Level 4: Buildings/additions over 100,001sq.ft. or sites greater than 25.01 acres. **$2,560**
- ☐Resubmittal Fees (after 2 permitted reviews) **$750**

☒Final Site Plan Review $1,440

- ☐Level 1: Buildings/additions less than 10,000 sq.ft. or sites less than 1 acre **$1,320**
- ☒Level 2: Buildings/additions between 10,001-50,000 sq.ft. or sites between 1.01 and 10 acres **$1,440**
- ☐Level 3: Buildings/additions between 50,001-100,000 sq.ft. or sites between10.01 and 25 acres **$1,560**
- ☐Level 4: Buildings/additions over 100,001sq.ft. or sites greater than 25.01 acres. **$1,680**
- ☐Resubmittal Fees (3rd and all subsequent submittals) **$750**

☐Minor Site or Architectural Plans _____

- ☐Projects that do not require site development plans **$330**
- ☐Resubmittal Fees (3rd and all subsequent submittals) **$330**

☐Certified Survey Map (CSM) _____

- ☐1-3 Lots **$500**
- ☐4 lots or more **$560**
- ☐Resubmittal (3rd and all subsequent submittals) **$180**
- ☐Extra-territorial CSM **$260**

☐Preliminary Subdivision Plat _____

- ☐Up to 12 lots **$1,270**
- ☐13 to 32 lots **$1,390**
- ☐36 lots or more **$1,510**
- ☐Resubmittal (3rd and all subsequent submittals) **$630**

☐Final Subdivision Plat _____

- ☐Up to 12 lots **$660**
- ☐13 to 32 lots **$780**
- ☐36 lots or more **$900**
- ☐Resubmittal (3rd and all subsequent submittals) **$480**
- ☐Extra-territorial Plat **$540**

☐Rezoning and/or Land Use Plan Amendment _____

- ☐Rezoning **$630**
- ☐Land Use Plan Amendment: **$630**

☐Conditional Use Permit

- ☐Conditional Use Permit with no site plan changes **$480**
- ☐Conditional Use Permit with site plan changes **$480** plus applicable preliminary and final site plan fees above _____

☐Planned Unit Development or Developer's Agreement (Site Plan Review is also required) _____

- ☐New Planned Unit Development or Developer's Agreement **$1,760**
- ☐Planned Unit Development or Developer's Agreement Amendment **$610**

TOTAL APPLICATION FEES: $1,440

City of Waukesha
Development Review Submittal Requirements

PLAN COMMISSION CONSULTATION SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

A Plan Commission Consultation my be submitted for review and comment for the owner/developer to ascertain the feasibility of a proposed project. A consultation is not required but may be submitted in advance of an actual submittal for a preliminary plat, CSM, Planned Unit Development, rezoning, conditional use or site plan. The Plan Commission will only provide feedback, no approvals will be given. Prior to applying for a Plan Commission Consultation you must discuss your project with the Planning Division to determine if a Plan Commission Consultation is recommended.

Review Time: Approximately 30 days

Reviewing Departments: Community Development Planning Division, Public Works Engineering Division, Fire Department, Water Utility.

Reviewing Boards: Plan Commission (optional)

In addition to this application and corresponding application fee you will also need:

☐One (1) digital (PDF) copy of the plans you want conceptual review of

☐Attachment A: Development Review Checklist . You should also review all other corresponding checklists that relate to the project that you are seeking conceptual review of and include as much information as possible.

☐ Cover letter outlining project details.

TRAFFIC IMPACT ANALYSIS SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

A Traffic Impact Analysis is required for projects that meet certain criteria. Please refer to the Developer's Handbook Section 4.4 to determine if your project requires a Traffic Impact Analysis

Review Time: Approximately 30 days

Reviewing Departments: Public Works Engineering Division

Reviewing Boards: None, however the Plan Commission may require a copy as part of site plan review process.

In addition to this application and corresponding application fee you will also need:

☐One (1) digital (PDF) copy of the Traffic Impact Analysis

PRELIMINARY SITE AND ARCHITECTURAL PLAN SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

Preliminary site and architectural plans are required for any new residential development with 4 or more units and all non-residential developments. Preliminary site plan approval is also required for additions or modifications to existing developments and projects where a stormwater management plan is needed. Preliminary approval is required unless it is determined by City staff in the Pre-Application meeting that the project only needs Final Site and Architectural Review.

Review Time: Approximately 30 days (45 if Common Council review is needed)

Reviewing Departments: Community Development Planning Division, Public Works Engineering Division, Fire Department, Water Utility.

Reviewing Boards: Plan Commission. Common Council and Board of Public Works review may be required for certain projects.

In addition to this application and corresponding application fee you will also need:

☐ One (1) digital (PDF) that includes of items listed below

- ☐ Cover letter outlining project details.
- ☐ Color architectural elevations of all sides of the building and color perspective renderings
- ☐ Conceptual Landscape Plan
- ☐ Attachment A: Development Review Checklist
- ☐ Site Plan (see Attachment B: Engineering Plan Checklist)
- ☐ Grading Plan (see Attachment C: Site Grading and Drainage Plan Checklist)
- ☐ Stormwater Management Plan (see Attachment D: Stormwater Management Plan Checklist)
- ☐ Utility Plans (see Attachment H: Sewer Plan Review Checklist)
- ☐ Any other attachments as applicable.

FINAL SITE AND ARCHITECTURAL PLAN SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

Final site and architectural plans are submitted only after the Plan Commission has approved Preliminary Site Plans for any new residential development with 4 or more units and all non-residential developments, including modifications to existing developments. Some projects may bypass Preliminary approval but only if it is determined by City staff in the Pre-Application meeting.

Review Time: Approximately 30 days (45 if Common Council review is needed)

Reviewing Departments: Community Development Planning Division, Public Works Engineering Division, Fire Department, Water Utility.

Reviewing Boards: Plan Commission. Common Council and Board of Public Works review may be required for certain projects.

In addition to this application and corresponding application fee you will also need:

☒ One (1) digital (PDF) that includes of items listed below

- ☒ Cover letter outlining project details.
- ☒ Color architectural elevations of all sides of the building and color perspective renderings
- ☒ Landscape Plan (see Attachment I: Landscape Plan Checklist)
- ☒ Attachment A: Development Review Checklist
- ☒ Site Plan (see Attachment B: Engineering Plan Checklist)
- ☒ Grading Plan (see Attachment C: Site Grading and Drainage Plan Checklist) * (Note: Checklist not needed per Dave Buechl)
- ☒ Stormwater Management Plan (see Attachment D: Stormwater Management Plan Checklist)
- ☒ Utility Plans (see Attachment H: Sewer Plan Review Checklist) * (Note: Checklist not needed per Dave Buechl)

MINOR SITE AND ARCHITECTURAL PLAN SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

Minor Site and Architectural review is intended for projects that may not need the extensive submittal requirements for Preliminary and Final Site Plan approval. Projects that qualify for Minor Site Plan submittal may include landscape, façade and building changes or minor site modifications that don't result in the addition of impervious surface.

Review Time: Approximately 30 days (45 if Common Council review is needed)

Reviewing Departments: Community Development Planning Division, Public Works Engineering Division, Fire Department, Water Utility.

Reviewing Boards: Plan Commission. Common Council and Board of Public Works review may be required for certain projects.

In addition to this application and corresponding application fee you will also need:

☐ One (1) digital (PDF) that includes of items listed below

- ☐ Cover letter outlining project details.
- ☐ Architectural elevations of all sides of the building being modified

☐ In addition, depending on the type of project, you may also need the following items:

- ☐ Site Plan (see Attachment B: Engineering Plan Checklist)
- ☐ Landscape Plan (see Attachment I: Landscape Plan Checklist)

CERTIFIED SURVEY MAP SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

A Certified Survey Map may be used to divide up to eight (8) lots in Commercial, Industrial, and Mixed Use zoning districts and up to four (4) lots in all other zoning districts.

Review Time: Approximately 45-60 days. An extension letter will be required if the approval process will take more than 90 days.

Reviewing Departments: Community Development Planning Division, Public Works Engineering Division, Fire Department, Water Utility.

Reviewing Boards: Plan Commission. Common Council and Board of Public Works review may be required for certain projects.

In addition to this application and corresponding application fee you will also need:

☐ One (1) digital (PDF) that includes of items listed below

- ☐ Attachment E: Certified Survey Map Checklist
- ☐ Attachment A: Development Review Checklist and other attachments as applicable.

**Please note If any exterior architectural, landscape, or site plan changes are required you must also go through Site Plan Review and meet all of those submittal requirements.*

PRELIMINARY PLAT SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

A Preliminary Plat shall be used to subdivide land in the City. The applicant is responsible for submitting the Preliminary Plat to Waukesha County and the State of Wisconsin for review.

Review Time: Approximately 45-60 days. An extension letter will be required if the approval process will take more than 90 days.

Reviewing Departments: Community Development Planning Division, Public Works Engineering Division, Fire Department, Water Utility.

Reviewing Boards: Plan Commission. Common Council and Board of Public Works review may be required for certain projects.

In addition to this application and corresponding application fee you will also need:

☐ One (1) digital (PDF) that includes of items listed below

- ☐ Attachment F: Preliminary Plat Checklist
- ☐ Cover letter outlining project details.
- ☐ Attachment A: Development Review Checklist and other attachments as applicable
- ☐ Stormwater Management Plan (see Attachment D: Stormwater Management Plan Checklist)

FINAL PLAT SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

A Final plat shall be used to subdivide land in the City. The applicant is responsible for submitting the Final Plat to Waukesha County and the State of Wisconsin for review.

Review Time: Approximately 45-60 days. An extension letter will be required if the approval process will take more than 90 days.

Reviewing Departments: Community Development Planning Division, Public Works Engineering Division, Fire Department, Water Utility.

Reviewing Boards: Plan Commission. Common Council and Board of Public Works review may be required for certain projects.

In addition to this application and corresponding application fee you will also need:

☐ One (1) digital (PDF) that includes of items listed below

- ☐ Attachment G: Final Plat Checklist
- ☐ Cover letter outlining project details.
- ☐ Attachment A: Development Review Checklist and other attachments as applicable.
- ☐ Stormwater Management Plan (see Attachment D: Stormwater Management Plan Checklist)

REZONING & COMPREHENSIVE PLAN AMENDMENT SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

This review is for any requests to rezone land or amend the City's Comprehensive Master Plan. For rezonings all property owners within 300 feet of the property will be notified of your request.

Review Time: 45-60 Days

Reviewing Departments: Community Development Planning & Building Inspection Divisions, Public Works Engineering Division, Fire Department, Water Utility.

Reviewing Boards: Plan Commission, Common Council

Additional Information: Rezonings must be done in accordance with the Comprehensive Plan. Please consult with Planning staff to determine if a Comprehensive Plan Amendment is also required prior to submitting a rezoning application.

In addition to this application and corresponding application fee you will also need:

☐ One (1) digital (PDF) that includes of items listed below

- ☐ Cover letter outlining project details and rationale for rezoning
- ☐ Rezoning Form including legal description and notarized owner(s) signatures (rezoning applications only)
- ☐ Conceptual Plan (if applicable)

**Please note this application fee only covers the rezoning and/or Comprehensive Plan Amendment. If you are proposing site plan changes or are subdividing land you will also need to meet the applicable submittal requirements for those proposals.*

CONDITIONAL USE PERMIT SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

Any use listed as a Conditional Use in Chapter 22 (Zoning Code) requires a Public Hearing in front of the Plan Commission prior to building or occupancy permits being issued. All property owners within 300 feet of the property will be notified of your request.

Review Time: 30-45 days

Reviewing Departments: Community Development Planning & Building Inspection Divisions, Public Works Engineering Division, Fire Department, Water Utility.

Reviewing Boards: Plan Commission

In addition to this application and corresponding application fee you will also need:

☐ One (1) digital (PDF) that includes of items listed below

- ☐ Conditional Use Permit Application

**Please note If any exterior architectural, landscape, or site plan changes are required you must also go through Site Plan Review and meet all of those submittal requirements.*

PLANNED UNIT DEVELOPMENT OR DEVELOPER'S AGREEMENT SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

The PUD Overlay District is intended to permit development that will, over a period of time, be enhanced by coordinated area site planning, diversified location of structures, diversified building heights and types, and/or mixing of compatible uses. The PUD Overlay District under this Chapter will allow for flexibility of overall development design with benefits from such design flexibility intended to be derived by both the developer and the community, while at the same time maintaining insofar as possible the standards or use requirements set forth in the underlying basic zoning district.

Developer's Agreements are used for any project that require public infrastructure improvements (sewer, storm sewer, sidewalks, etc) and other off-site improvements such as median openings, traffic signals, street widening, etc..

Review Time: 45-60 days

Reviewing Departments: Community Development Planning & Building Inspection Divisions, Public Works Engineering Division, Fire Department, Water Utility.

Reviewing Boards: Plan Commission, Common Council. Some projects will also require Board of Public Works review.

In addition to this application and corresponding application fee you will also need:

☐ One (1) digital (PDF) that includes of items listed below

- ☐ Cover letter/statement that outlining project details and all of the required information set forth in the Zoning Ordinance Section 22.52 (4)(a)
- ☐ Rezoning Form including legal description and notarized owner(s) signatures (rezoning applications only)
- ☐ General Development Plan
- ☐ Proposed Supplemental Design Elements (required for all PUDs under the minimum required acreage)

**Please note in addition to the PUD submittal requirements your project will also need additional application fees and submittal materials based on the project type. This may include Preliminary and Final Plats, Preliminary and Final Site and Architectural Plans, Certified Survey Maps, Traffic Impact Analysis. Staff will inform you of any additional submittal requirements at the Pre-Application meeting, which is required prior to submitting your application.*

ANNEXATION SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION

Requests for annexation as permitted under Section 66.0217 Wisconsin Statutes.

Review Time: 45-60 days

Reviewing Departments: Community Development Planning & Building Inspection Divisions, Public Works Engineering Division, Fire Department, Water Utility.

Reviewing Boards: Plan Commission, Common Council

In addition to this application and corresponding application fee you will also need:

☐ One (1) digital (PDF) that includes of items listed below

- ☐ Copy of your State of Wisconsin Request for Annexation Review Application
- ☐ Signed City of Waukesha Direct Annexation Petition
- ☐ Map of property of property to be annexed.
- ☐ A boundary description (legal description of property to be annexed)
- ☐ Any additional information on the annexation.

Attachment A - Application for Development Review Checklist

Project Name: Butler Middle School

Engineering Design Firm: Kapur Inc. - Civil Engineers

Muermann Engineering - Electrical Engineers

Checklist Items	CSM	Preliminary Plat	Final Plat	Property Survey for Bldg Permit	Storm Water Plan	Erosion Control Plan	Site, Grading, Drainage Plan	Street Plan	Utility Plan	Landscape Plan	Traffic Control Plan	Traffic Impact Analysis	Conditional Use or Home Indus.	PUD or Developer's Ag.	Minor site or Arch. Change	Conditional Use	Rezoning & Comp. Plan Change
Followed Construction Drawing Sheet Layout standards in Development Handbook						X	X	N/A	X	X							
Followed Development Handbook and Storm Water Ordinance standards for Erosion control plans						X											
Obtained geotechnical evaluation for storm water and pavement design					X		X	N/A	X								
Followed Development Handbook standards, and Wisconsin Administrative Code for Property Survey				X													
Verified proposed basement floor elevation is at least 1 foot above the highest seasonal high water table elevation				X													
Followed Development Handbook standards and Ordinance for Preliminary Plat		N/A															
Followed Site, Grading, and Drainage Plan design standards in Development Handbook and Storm Water Ordinance							X						N/A		N/A	N/A	N/A
Followed Traffic impact analysis standards in Development Handbook												N/A					
Specifications conform to current City Standard Specifications					X	X	X	N/A	X	X	N/A			N/A			
Followed Lighting Plan standards in Development Handbook									X								
Development site contains Contaminated Waste							NO										
Followed storm water management requirements in Development Handbook, and Ordinance					X												
Site contains mapped FEMA floodplain or a local 100-year storm event high water limits							NO										
Site contains wetlands or Natural Resource limits (ie. Primary, Secondary, Isolated , shoreland limits)							NO (Delineation was completed in August 2019 and no wetlands were found)										
CSM follows standards in Development Handbook, City Ordinance, and State Statutes	N/A																
Followed Development Handbook standards for Street plans and profiles								N/A									
Followed Development Handbook standards for utility plans and profiles									X								
Existing sanitary sewer lateral has been televised							N/A		N/A				N/A		N/A	N/A	N/A

Checklist Items	CSM	Preliminary Plat	Final Plat	Property Survey for Bldg Permit	Storm Water Plan	Erosion Control Plan	Site, Grading, Drainage Plan	Street Plan	Utility Plan	Landscape Plan	Traffic Control Plan	Traffic Impact Analysis	Conditional Use or Home Indus.	PUD or Developer's Ag.	Minor site or Arch. Change	Conditional Use	Rezoning & Comp. Plan Change
Development Agreement needed for Public Infrastructure														N/A			
Followed Development Handbook standards for Landscape plans										X							
Followed Development Handbook standards, State Statures and Ordinance for Final Plat			N/A														
A-E 2.02(4): Each sheet of plans, drawings, documents, specifications and reports for architectural, landscape architectural, professional engineering, design or land surveying practice should be signed, sealed, and dated by the	N/A	N/A	N/A	X	X	X	X	N/A	X	X		N/A	N/A	N/A	N/A	N/A	N/A
32.10(e)(12.)H. A cover sheet stamped and signed by a professional engineer registered in the State of Wisconsin indicating that all plans and supporting documentation have been reviewed and approved by the engineer and certifying that they have read					X												
City, DNR, County or State Permits are needed					X		X	N/A	X		N/A	NOI will be submitted after PC approval					
Complete and submit Plan Sheet and Submittal Specific checklists in Development Handbook	N/A	N/A	N/A	N/A	X	X	N/A	N/A	N/A	X		N/A					
Proposed easements needed are shown.	N/A		N/A		N/A		N/A	N/A	N/A								
All Existing easements are shown	N/A	N/A	N/A	X	X	X	X	N/A	X	X			N/A	N/A	N/A	N/A	N/A

City of Waukesha
Department of Public Works
130 Delafield Street
Waukesha, WI 53188
Waukesha-wi.gov

Engineering Plan Checklist

Attachment B
(Rev 12/18)

Project Name: Butler School

Engineering & Design Firm: Kapur Inc. - Civil Engineers
Muermann Engineering - Electrical Engineers

General Information

Plans shall include the seal and signature of the Wisconsin licensed professional engineer responsible for the preparation of the construction plans on the cover sheet or on each sheet

YES	NO	N/A	
☐	☐	☒	Provide a copy of the WisDOT permit for any work in the State of Wisconsin right of way.
☐	☐	☒	Provide a copy of the Waukesha County Department of Public Works permit for any work in right of way of Waukesha County.
☐	☒	☐	Provide a copy of Wisconsin Department of Natural Resources Water Resources Application for Project Permits (WRAPP) for all sites greater than one acre.
☐	☐	☒	Provide a copy of US Army Corps of Engineers 404 permit.
☐	☐	☒	Provide cross access agreements for use of entrances.
☐	☐	☒	Provide off-site utility easements.
☐	☐	☒	Provide hydraulic gradeline calculations for all storm sewer pipes signed and sealed by a professional engineer licensed in the State of Wisconsin.
☒	☐	☐	Provide a storm water management plan and calculations signed and sealed by a professional engineer licensed in the State of Wisconsin.

All Plan Sheets

YES	NO	N/A	
☒	☐	☐	Plans prepared on sheets measuring 11” high by 17” wide or no larger than 24" high by 36" wide.
☐	☐	☒	Sanitary Sewer, watermain and storm sewer system plans for the entire development are included.
☐	☐	☒	A profile view is located below a plan view on plan and profile sheets and both views are aligned by stationing whenever possible. In general, stationing is from left to right.
☐	☐	☒	Plan and profile sheets start and terminate at match lines.
☒	☐	☐	The assumed bearing base, control monuments and stationing reference line(s)
☒	☐	☐	Right-of-way limits and easement limits
☒	☐	☐	Edge of pavement or flange, face and back of curb
☒	☐	☐	Name of each existing, proposed, and future roadway and any intersecting roadways
☒	☐	☐	Lot lines, lot and block numbers
☒	☐	☐	Addresses and names of Owners for existing parcels

☒	☐	☐	All obstructions located within the project limits including, but not limited to: trees, signs, utilities, fences, light poles, structures, etc.
☒	☐	☐	A note warning that underground utilities must be located by “Diggers Hotline” prior to start of construction
☒	☐	☐	Legend (relevant to each sheet) showing all special symbols, line types and hatch used
☒	☐	☐	Title block includes at a minimum, the following information: Name and address of engineering (design) firm and owner/developer Date of the drawing and last revision Scale Plan sheet number (# of #) Name and location description of development
☒	☐	☐	North to the top or right of the sheet and shown by a north arrow, clearly shown without intrusion.
☒	☐	☐	Scale of the plans 1" = 40' horizontally and 1" = 8' vertically for 11” by 17” plan sheets and 1" = 20' horizontally and 1" = 4' vertically for 22” by 34” sheets. Partial site plans have a scale of 1" = 20' or larger. The scale of details is such that the detail is clearly shown. The scale is shown with a line scale and text.
☒	☐	☐	Existing surface objects indicated with screened lines and clearly labeled.

Cover Sheet

YES	NO	N/A	
☒	☐	☐	Project title.
☒	☐	☐	Location Map (Proximity to two main streets minimum).
☒	☐	☐	Index of all plan sheets
☐	☐	☒	For large or phased subdivisions, a key map of layout and phases.
☐	☐	☒	A minimum of two (2) current SEWRPC reference benchmarks. Survey documentation of tie to Wisconsin State Plane Coordinate System, South Zone (horizontal) and City of Waukesha datum (vertical) provided. Elevations shown based on City of Waukesha datum.
☒	☐	☐	All permanent or temporary benchmarks and elevations.
☒	☐	☐	A description of the locations of the benchmarks; and the basis or origin of the vertical control network.
☒	☐	☐	Date of plan preparation and applicable revision date(s)
☒	☐	☐	The following statement: “*All site improvements and construction shown on the plans shall conform to the City of Waukesha Development Handbook & Infrastructure Specifications. Where the plans do not comply, it shall be the sole responsibility and expense of the Developer to make revisions to the plans and/or constructed infrastructure to comply.*”

Roadway

YES	NO	N/A	
☐	☐	☒	For all new streets, a site specific geotechnical evaluation and pavement design submitted with the plans.
☐	☐	☒	A separate detail sheet showing typical cross-sections for each roadway standard width and cul-de-sac if applicable.

Plan View

YES	NO	N/A	
☐	☐	☒	The assumed bearing base, control monuments and stationing reference line along the centerline of the roadway, including cul-de-sacs.
☒	☐	☐	At least one clearly labeled benchmark or control point per sheet.
☒	☐	☐	Pavement and median dimensions.
☒	☐	☐	Final grade elevations at 25’ intervals at the right-of-way including at the edge of pavement for rural sections or at the flange of curb for urban sections.
☐	☐	☒	Final grade elevations for cul-de-sacs at 25’ intervals at the right-of-way including at the edge of pavement for rural sections or at the flange of curb for urban sections.
☒	☐	☐	Label all PVC’s, PVT’s, and PC’s, PT’s for vertical and horizontal curves. Radii of all intersections (edge of pavement or flange of curb, with note indicating which is referenced).
☒	☐	☐	Driveways for all lots adjacent to storm inlets and intersections.
☒	☐	☐	Sidewalks labeled and dimensioned.
☒	☐	☐	Existing, proposed, future streets and drives labeled and dimensioned.
☐	☐	☒	All roadside ditch locations, flowline elevations at 50’ intervals of the ditches.
☒	☐	☐	Slope intercepts.
☐	☐	☒	Invert profile for 200’ downstream for any existing ditches receiving flow from a proposed road or street.
☒	☐	☐	Limits of any areas which need special stabilization techniques.
☒	☐	☐	Specific details of all existing connected roadways. Pavement, shoulders, ditches, curb alignment, and grades shall be shown as needed to adequately make the transition.

Intersection Details

YES	NO	N/A	
☐	☐	☒	Radii of all intersections (edge of pavement or flange of curb, with note indicating which is referenced).
☐	☐	☒	Sidewalks and accessible ramps labeled and dimensioned.
☐	☐	☒	Right of way corner clips and sight visibility easements.
☐	☐	☒	Spot grades as necessary to ensure proper drainage and compliant ADA slopes.
☐	☐	☒	Spot grades shall be shown at end of radius for all curb and gutter and the end radius for all back of sidewalk.
☐	☐	☒	Drainage clarified by flow arrows, high points, sags, ridges, etc. Slope intercepts shall be clearly labeled by station, elevation to the nearest 0.1’, and offset distance (left or right) from the reference line.
☐	☐	☒	Invert elevation of ditches (for rural roadway).
☐	☐	☒	Final subgrade elevation at the centerline of the street or roadway.

Cross Sections

YES	NO	N/A	
☐	☐	☒	Right of way limits.
☐	☐	☒	Slope intercepts clearly labeled.
☐	☐	☒	Elevations to the nearest 0.01'.
☐	☐	☒	Offset distance (left or right) from the reference line.
☐	☐	☒	Final grade elevations at back of walk, face of walk, top of curb, flange elevation (edge of pavement for rural section), and the centerline of the street or roadway.
☐	☐	☒	Cross slope of sidewalk, terrace area, and roadway.
☐	☐	☒	Invert elevation of ditches (for rural section)

City of Waukesha
Department of Public Works
130 Delafield Street
Waukesha, WI 53188
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Stormwater Management Plan

Attachment D
(Rev 12/18)

Project Name: Butler Middle School

Engineer & Design Firm: Kapur Inc. - Civil Engineers

STORM WATER MANAGEMENT PLAN WORKSHEET			
The City of Waukesha requires a Stormwater Management Plan to be submitted with the proposed development plans for site plan review. A Stormwater Management Plan is a document describing the storm water management practices constructed and implemented within the proposed development to ensure compliance with the storm water management criteria, as set forth by the City of Waukesha. The purpose of a Stormwater Management Plan is to protect the safety and health of the public, property and aquatic environment from the threats due to storm water from land development activity. The worksheet will provide a basis to the information that shall be provided when preparing a Stormwater Management Plan for a proposed development. This Plan shall include a set of complete plans and calculations, stamped by a registered professional engineer. Stormwater Management Plans are required as listed in City Code Book Chapter 32.06(b)			
Exemptions for Design and Plan Requirements			
YES	**NO**	**N/A**	
☐	☒	☐	Site is associated with agricultural or sylvicultural activities
Design Requirements: Total Suspended Solids			
YES	**NO**	**N/A**	
☐	☒	☐	Site is a New Development – 80% Reduction must be met
☐	☒	☐	Site is an Infill Development – 80% Reduction must be met
☒	☐	☐	Site is a Redevelopment – 40% Reduction must be met
☐	☒	☐	Site has areas of New Development and Redevelopment
☒	☐	☐	Calculations for % Reduction are included in the plan (WinSLAMM input and output)
☒	☐	☐	Storm water Management Facilities to address TSS removal are designed according to Chapter 32 of the City Code Book and DNR Technical Standards – Check all that apply: ☐ Wet Detention Basin ☒ Bio Retention Basin ☐ Swales ☐ Proprietary Devices ☐ Other (specify): _____
Design Requirements: Peak Discharge			
YES	**NO**	**N/A**	
☒	☐	☐	Storm water Management Facilities to address Peak Discharge are designed according to Chapter 32 of City Code Book and DNR Technical Standards – Check all that apply: ☐ Wet Detention Basin ☒ Bio Retention Basin ☐ Swales ☐ Other (specify): _____
☒	☐	☐	Downstream Capacity for 2-year, 10-year and 100-year, 24-hour design storms are met
☒	☐	☐	Calculations of available capacity, proportional share, and proposed utilized capacity under all design storms are included in plan
☒	☐	☐	Calculations of Peak Discharge are included in the plan

Design Requirements: Infiltration			
YES	**NO**	**N/A**	
☐	☐	☒	Hydraulic Soil Type: "C" and "D" soils, refer to Geotechnical Report ☐ Soil Type A – Proceed ☐ Soil Type B – Proceed ☒ Exemption or Exclusion – Provide documentation
☒	☐	☐	Site and Soil Evaluation Report per DNR Technical Standard 1002
☐	☐	☒	Low Imperviousness. Ex: low density residential parks, cemeteries Post-Development Infiltration Performance Standards: ☐ Up to 40% Connected Impervious Surface ☐ 90% of Pre-Development Infiltration volume met ☐ 1% of site – Maximum Effective Infiltration Area
☐	☐	☒	Medium Imperviousness. Ex: Medium and high density residential, multi-family, industrial, institutional, office park. Post-Development Infiltration Performance Standards: ☐ 40%-80% Connected Impervious Surface ☐ 75% of Pre-Development Infiltration volume met ☐ 2% of site – Maximum Effective Infiltration Area
☐	☐	☒	High Imperviousness. Ex: commercial strip malls, shopping centers, commercial downtowns Post-Development Infiltration Performance Standards: ☐ Greater than 80% Connected Impervious Surface ☐ 60% of Pre-Development Infiltration volume met ☐ 2% of site – Maximum Effective Infiltration Area
☐	☐	☒	Site has parking lots and new road construction: ☐ Pretreatment included ☐ 10% Infiltration of the runoff from the tow-year, 24-hour design storm with Type II Distribution
☒	☐	☐	Calculations of Infiltration Volumes are included in the plan and model input and output (WinSLAMM)
☒	☐	☐	Exclusions for Infiltration: ☐ Tier 1 Industrial Facility ☐ Storage and Loading Areas of Tier 2 Industrial Facility ☐ Fueling and Vehicle Maintenance Facility ☐ Areas within 1,000 feet up gradient of Karst Features ☐ Areas within 100 feet downgradient of Karst Features ☐ Areas with < 3 feet of separation from bottom of Infiltration System to seasonal high groundwater or top of bedrock (does not prohibit roof runoff) ☐ Areas with runoff from industrial, commercial and institutional parking lots and roads with < 5 feet separation from bottom of infiltration system to elevation of seasonal high groundwater or top of bedrock ☐ Areas within 400 feet of community water system well ☐ Areas within 100 feet of private well ☐ Areas where contaminants of concern (defined by NR720.03(2) are present in the soil through which infiltration will occur) ☒ Area where soil does not meet any of the following characteristics between bottom of infiltration system and seasonal high groundwater and top of bedrock: ☐ *At least 3-foot soil layer with 20% fines or greater* ☒ *At least 5-foot soil layer with 10% fines or greater*

YES	NO	N/A	
☒	☐	☐	Exemptions for Infiltration: ☒ Areas where infiltration rate < 0.6 inches/hour ☐ Parking Areas and Access Roads less than 5,000 square feet for commercial and industrial ☐ Redevelopment Post-Construction Sites ☐ Infill Development < 5 acres ☐ Infiltration during periods when soil on the site is frozen ☐ Roads in commercial, industrial and institutional land uses ☐ Arterial Roads in Residential land uses
☐	☐	☒	Storm water Management Facilities to address Infiltration are designed according to Chapter 32 of the City Code Book and DNR Technical Standards – Check all that apply: ☐ Bioretention Basin (1004) ☐ Infiltration Basin (1003) ☐ Infiltration Trench (1007) ☐ Permeable Pavement (1008) ☐ Rain Garden (1000) ☐ Other (specify): _____
Design Requirements: Protective Areas			
YES	**NO**	**N/A**	
☐	☐	☒	Impervious areas are outside protective area. If not, provide a written explanation.
☐	☒	☐	Land disturbing activities are within a protective area. If **Yes**, check all that apply: ☐ If no impervious area is within protective area, adequate sod or self-sustaining vegetative cover of 70% or greater shall be established. ☐ Adequate sod or self-sustaining vegetative cover is sufficient for bank stability, maintenance of fish habitat and filtering of pollutants from upslope overland flow areas under sheet flow conditions. ☐ Non-Vegetative materials are employed on the bank as necessary to prevent erosion (steep slopes, high velocity areas).
☐	☒	☐	Best Management Practices are located within the protective area – Check all that apply: ☐ Filter Strips ☐ Swales ☐ Wet Detention Basins ☐ Other (specify): _____
☐	☐	☒	Non-Applicable Areas Apply: ☐ Structures that cross or access surface water (boat landing, bridge, culvert) ☐ Structures constructed in accordance with Section 59.692(1v) Wisconsin Statutes: ☐ Post-Construction Runoff does not enter surface water except to the extent that vegetative groundcover necessary for bank stability
Design Requirements: Fuel and Maintenance Facilities			
YES	**NO**	**N/A**	
☐	☐	☒	Are Fuel and Maintenance Facilities on the Site?
☐	☐	☒	Are Best Management Practices designed to reduce petroleum within runoff (no visible sheen)?

Design Requirements: Swale Treatment for Transportation Facilities			
YES	**NO**	**N/A**	
☐	☐	☒	Does the site use swales for runoff conveyance and pollutant removal for transportation facilities? If **Yes**, must have the following: *Groundcover:* ☐ Vegetated ☐ Non-Vegetated where appropriate to prevent erosion or provide runoff treatment (riprap, check dams) *Swale Velocity Control:* ☐ Swale is 200 feet or more in length with a velocity no greater than 1.5 feet per second for the two-year, 24-hour design storm or two-year storm with duration equal to time of concentration ☐ Swale is 200 feet or more in length with velocity > 1.5 feet per second then velocity is reduced to maximum extent practicable. Written explanation stating why requirement of > 1.5 feet per second cannot be met
☐	☐	☒	Exemptions Apply: Average Daily Vehicles > 2,500 and initial surface water of the state that runoff directly enters is any of the following: ☐ An outstanding resource of water (ORW) ☐ An exceptional resource water (ERW) ☐ Water is listed in Section 303(d) of the Federal Clean Water Act and is identified as impaired in whole or in part due to non-point source impacts ☐ Water where targeted performance standards are developed under NR 151.004 of the Wisconsin Administrative Code to meet water quality standards
Plan Requirements			
YES	**NO**	**N/A**	
☒	☐	☐	Provide permit application form, including contact information (name, address, telephone number) for the landowner, developer, land operator, certified project engineering, responsible party for installation of storm water management practices, responsible party for long-term maintenance of the storm water management practices.
☒	☐	☐	Legal Description of proposed development.
☒	☐	☐	Narrative describing the proposed development.
☒	☐	☐	Brief summary of Design Criteria and methods used for development of Storm Water Management Practices.
☒	☐	☐	Storm Water Management Maintenance Agreement shall be included with the Storm Water Management Plan (see Storm Water Management Maintenance Agreement template for additional information required).
☒	☐	☐	Certification by a Wisconsin registered professional engineer.
☐	☒	☐	Financial Guarantee.

*Guarantee will be submitted after approval of SWMP and BMP Cost Estimate.

Description and Site Characteristics for Pre/Post Development conditions shall be delineated by one (1) or more site maps at a scale of not less than one (1") inch equals two hundred (200') feet. The map(s) shall include, at minimum, the following information:			
YES	**NO**	**N/A**	
☒	☐	☐	Site Location and Legal Description.
☒	☐	☐	Pre-developed and revised topography by contours related to USGS survey datum or other datum approved by City. The topographic contours of the site shall not exceed 2 feet. The topography shall extend at minimum 100 feet outside the site boundaries to show runoff patterns onto, through and from the site.
☐	☐	☒	One hundred (100) year Floodplain boundary, shore land, environmental corridors, and wetland boundaries shall be delineated if applicable
☐	☐	☒	All lakes, streams, and other water bodies illustrated on map shall be named as defined on a USGS 7.5 minute topographic map.
☒	☐	☐	Predominant Soil Types and Hydraulic Soil Group Classifications per NRCS
☒ see Plat of Survey	☐	☐	Coordinates of all manhole and inlets with reference to two nearest reference point monuments which shall be Section or ¼ Section corners.
☒	☐	☐	Location, capacity, and dimensions/details of on-site Pre-developed and Post-developed storm water management facilities such as, but not limited to, the following: manholes, pipes, curbs, gutters, curb inlets, filter strips, swales, detention basins, curb cuts, and drainage gates.
☐	☐	☒	Location, extent, detailed drawings, typical cross sections and slope ratios of all pre-developed and post-developed storm water retention and detention areas and drainage ways – list inlet/outlet elevations, permanent water surface elevation, high water surface elevation, and emergency spillway elevation, if applicable.
☒	☐	☐	Location and Elevations at top and bottom of pre-developed and post-developed buildings and structures.
☒	☐	☐	Locations and names of pre-developed and post-developed streets and intersections and the location of parking lots, sidewalks, bike paths and impervious surfaces (excluding single family residences). Map(s) shall clearly differentiate pre-developed and post-developed surfaces.
☒	☐	☐	Delineation and dimensions of all pre-developed and post-developed property boundaries, easements, right-of-way, building setbacks, maintenance easements, and other restrictions.
☒	☐	☐	Pre-developed and post-developed land use boundaries, including cover type and condition.
☒	☐	☐	Post-developed land use cover totals for Impervious and Pervious areas as well as permanent water surface area of all storm water management facilities.
☒	☐	☐	Delineation of pre-developed and post-developed watershed and sub-watershed boundaries used in determination of Peak flow discharges and discharge volumes from the site. (If the watershed extends beyond the site boundaries, a separate watershed map can be supplied).
☒	☐	☐	Location of the pre-developed and post-developed discharge points.
☒	☐	☐	Pre/Post developed directional Flow Paths used to calculate existing/proposed time of concentrations.
☒	☐	☐	Location of the Emergency Overland Flow.
☐	☐	☒	Location of any Regional Treatment Options (if applicable).
☒	☐	☐	Identify all pre-developed land cover features, such as, natural swales, natural depressions, native soil infiltrating capacity and natural groundwater recharge areas.
☐	☐	☒	Location of any protective areas within the site.
☐	☐	☒	Location of wells located within 1,200 feet of pre-developed and post-developed Storm Water Detention Basins, Infiltration Basins, or Infiltration Trenches.
☐	☐	☒	Delineation of Wellhead protection areas defined under NR 811.16

Supportive Information and Calculation summaries shall be supplied for all storm water management requirements as dictated in the checklist under Design Requirements:			
YES	**NO**	**N/A**	
☒	☐	☐	Pre-developed and post-developed watershed, sub-watersheds, and land use areas (acres, watershed shall be delineated by property lines).
☒	☐	☐	Pre-developed and post-developed impervious areas (acres).
☒	☐	☐	Pre-developed and post-developed Runoff Curve Numbers.
☒	☐	☐	Pre-developed and post-developed Time of Concentration.
☒	☐	☐	Pre-developed and post-developed peak flows for the 2-year, 10-year and 100-year, 24-hour storm events for each discharge point.
☒	☐	☐	Total suspended solids removal computations to show compliance.
☒	☐	☐	Design computations for the runoff volume of the pre-developed and post-developed conditions to show compliance with the infiltration requirements.
☒	☐	☐	Design computations for all storm water drainage facilities such as, but not limited to, inflow/outflow rates, hydrographs, water surface elevations, outlet design computations, runoff discharge volume, velocities, and stage/storage data.
☒	☐	☐	Design computations for the 10-year Rational Method flows for all proposed storm conveyance systems.
☒	☐	☐	Computation of the available downstream capacity flowing full, overflow level of ditches and the top of the upstream end of the pipe for any culverts.
☒ (10-year)	☐	☐	Computation of the downstream capacity using the 5-year rational storm.
☐	☐	☒	Tail water analysis included in storm water design for 2-year, 10-year and 100-year storm events.
☒	☐	☐	Design computations to illustrate compliance with pollutant loading criteria (Storm Water Quality Management practices) with pre- and post-storm water management facilities.
☒	☐	☐	Narrative describing all assumptions that were deemed appropriate for design.
☒	☐	☐	Explanation of provisions to preserve and use natural topography and land cover features.
☐	☐	☒	Explanation of restrictions on Storm Water Management practices by wellhead protection plans (if applicable).
☒	☐	☐	Results of investigations of soil and groundwater required for installation of Storm Water Management practices.
☐	☐	☒	Impact assessment results on Wetland Functional Values (if applicable).
☒	☐	☐	Storm Water Management practices installation schedule. *refer to Sequence of Construction
☒	☐	☐	Cost estimate for the construction, operation and maintenance of each Storm Water Management practice.
☒	☐	☐	Any additional information that the City, or designee, may need to evaluate the impacts of the storm water discharge quality and quantity on the existing area and existing utilities.

City of Waukesha
Department of Public Works
130 Delafield Street
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Landscape Plan Checklist

Attachment I
(Rev 12/18)

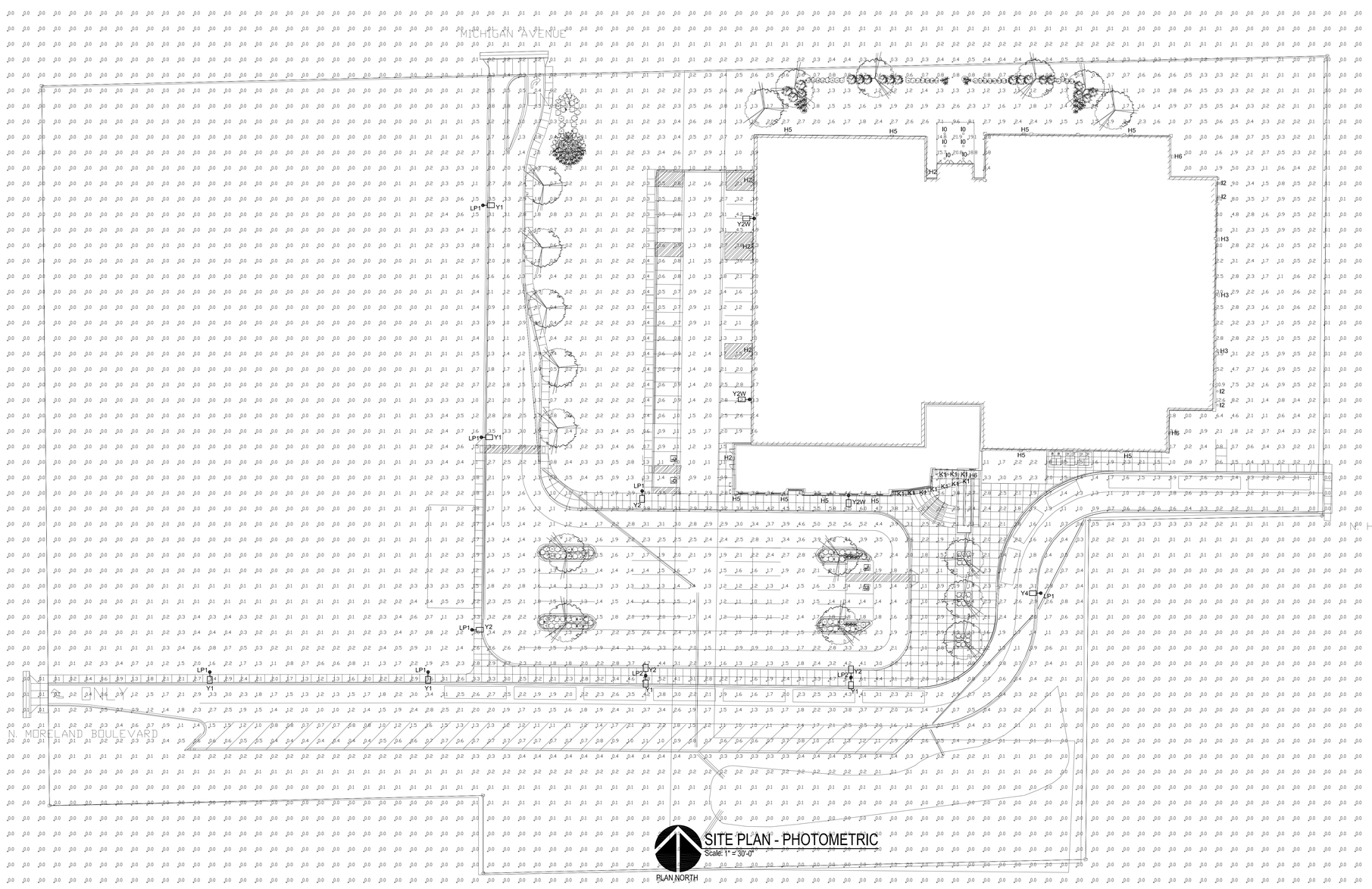
Project Name: Butler Middle School

Engineering & Design Firm: Kapur Inc. - Civil Engineers

☒ Contact Community Development Department for Requirements

Listed below are general design considerations only:

YES	NO	N/A	
☒	☐	☐	Show easements
☒	☐	☐	Location and footprint of any and all buildings
☒	☐	☐	Dimensions of development site along property line
☒	☐	☐	Existing and proposed streets
☒	☐	☐	Pedestrian and vehicular access points
☒	☐	☐	Location and dimensions of parking lots, etc.
☒	☐	☐	Location and dimensions of all existing or planned easements
☒	☐	☐	Location and dimensions of snow removal and storage areas
☒	☐	☐	Location and dimensions of outdoor lighting fixtures
☐	☐	☒	Interior parkway provided
☐	☐	☒	Parkway provided
☒	☐	☐	Buffer strip provided
☒	☐	☐	Dumpster enclosure details
☒	☐	☐	Parking lot landscaping
☒	☐	☐	Utility/mechanical equipment screened
☐	☐	☒	Service area screened
☒	☐	☐	Location of freestanding signs
☒	☐	☐	Walls and fences shown
☒	☐	☐	Location of utilities
☒	☐	☐	Existing and proposed contours and grades, including berm elevations
☒	☐	☐	Location, name and size of proposed plant materials
☒	☐	☐	Specifications of all types of all proposed ground cover, i.e., seed, sod, etc.
☒	☐	☐	Location, species, and size of existing trees
☒	☐	☐	Clear identification of trees to be removed
☒	☐	☐	Square footage of parking lot area
☒	☐	☐	Tree protection plan



SITE PLAN - PHOTOMETRIC

Scale: 1" = 30'-0"

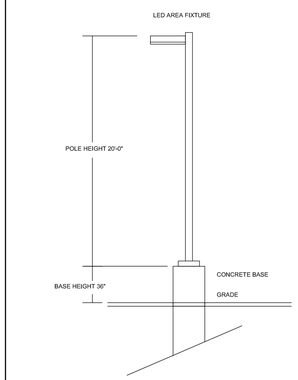
BUTLER MIDDLE SCHOOL SITE FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMP TYPE	VOLT	WATTS	MANUFACTURER	CATALOG NUMBER	NOTE
H2	SIZE 1 LED WALL PACK - FULL CUTOFF - TYPE 3 MEDIUM - 2774 LUMENS	5000K LED	120-277	26	LITHONIA	DSXW1LED-10C-700-50K-T3M-MVOLT	1
H3	SIZE 1 LED WALL PACK - FULL CUTOFF - TYPE 3 MEDIUM - 5487 LUMENS	5000K LED	120-277	46	LITHONIA	DSXW1LED-20C-700-50K-T3M-MVOLT	1
H5	SIZE 2 LED WALL PACK - FULL CUTOFF - TYPE 3 MEDIUM - 6507 LUMENS	5000K LED	120-277	54	LITHONIA	DSXW2LED-30C-530-50K-T3M-MVOLT	1
H6	SIZE 2 LED WALL PACK - FULL CUTOFF - TYPE 4 MEDIUM - 6420 LUMENS	5000K LED	120-277	54	LITHONIA	DSXW2LED-30C-530-50K-T4M-MVOLT	1
I0	10" SQUARE SURFACE LED CANOPY - 3500 LUMENS	5000K LED	120-277	27	LITHONIA	CNYLED-P0-50K-MVOLT	1
I1	10" SQUARE SURFACE LED CANOPY - 4500 LUMENS	5000K LED	120-278	35	LITHONIA	CNYLED-P1-50K-MVOLT	1
I2	10" SQUARE SURFACE LED CANOPY - 6600 LUMENS	5000K LED	120-278	52	LITHONIA	CNYLED-P2-50K-MVOLT	1
K1	6" LED RECESSED DOWNLIGHT - 1000 LUMENS	5000K LED	120-277	10.4	LITHONIA	LDN6-50/10-LO6-AR-LSS-MVOLT	1
Y1	LED AREA FIXTURE - TYPE 2 MEDIUM - 14,716 LUMENS	5000K LED	120-277	125	LITHONIA	DSX1LED-P4-50K-T2M-MVOLT-SPA	1
Y2	LED AREA FIXTURE - TYPE 4 MEDIUM - 14,362 LUMENS	5000K LED	120-277	125	LITHONIA	DSX1LED-P4-50K-T4M-MVOLT-SPA	1
Y2W	LED AREA FIXTURE - TYPE 4 MEDIUM - 14,362 LUMENS - WALL MOUNTED	5000K LED	120-277	125	LITHONIA	DSX1LED-P4-50K-T4M-MVOLT-WBA	1
Y4	LED AREA FIXTURE - TYPE FORWARD THROW MEDIUM - 14,672 LUMENS - HOUSE SIDE SHIELD	5000K LED	120-277	125	LITHONIA	DSX1LED-P4-50K-TFTM-MVOLT-SPA-HS	1
LP1	20'-0" STRAIGHT SQUARE STEEL 5" POLE - SINGLE	-	-	-	LITHONIA	SSS-20-5C-DM19AS-IC	1
LP2	20'-0" STRAIGHT SQUARE STEEL 5" POLE - 2 @ 180°	-	-	-	LITHONIA	SSS-20-5C-DM28AS-IC	1

GENERAL NOTES:
1. SEE SPECIFICATIONS FOR FIXTURE REQUIREMENTS.
2. NO ALTERNATE FIXTURES.
3. ALL INTERIOR LED FIXTURES TO HAVE A MINIMUM CRI OF 80+. ALL EXTERIOR LED FIXTURES TO HAVE A MINIMUM CRI OF 70+.
4. MOUNT FIXTURES AT HEIGHT INDICATED ON DRAWINGS UNLESS NOTED OTHERWISE.

PLAN NOTES:
1. ARCHITECT TO SELECT STANDARD COLOR AND FINISH.

GENERAL NOTES:
1. SITE LIGHTING CALCULATED AT GRADE.



LP1 & LP2 FIXTURE BASE DETAIL

SCALE: NTS

bray architects
solid foundation. forward thinking.

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Project Title:
ADDITION AND REMODELING TO:
BUTLER MIDDLE SCHOOL
SCHOOL DISTRICT OF WAUKESHA
310 N. HINE AVE., WAUKESHA, WI 53188

REVISIONS:

	DATE	DESCRIPTION

Project Number:
3353

Issued For:
CITY SUBMITTAL
11/06/2019

Sheet Title:
SITE PLAN - PHOTOMETRIC

Sheet Number:
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