

# DESIGN PROPOSAL

from Sketchworks Architecture

Water Technology, Inc.  
JSD Professional Services, Inc.  
JDR Engineering, Inc.  
MP-Squared Structural Engineers, LLC

Design and Engineering Services for  
the City of Evansville Leonard-Leota  
Park & West Side Park Aquatic Center,  
Splash Pad & Athletic Fields

*March 22, 2021*



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City of Evansville  
Community Development Director  
31 S. Madison Street  
P.O. Box 529  
Evansville, WI 53536

March 22, 2021

Mr. Sergeant,

Thank you for your consideration of Sketchworks Architecture, in collaboration with our team of professionals to provide the design of a new park, splash pad and aquatic center for the City of Evansville.

Our proven methodology begins with client and community discussions and education regarding the project goals and parameters. We feel it is important to review the comprehensive goals and objectives of your aquatic programming before developing an updated conceptual design. We understand that there has already been a significant amount of community feedback when voting took place for the November 2020 referendum and our team is excited to offer a fresh set of eyes to the design of both Evansville parks. Our team has reviewed the existing community survey results and Park and Outdoor Recreation Plan to ensure that our updated solutions encapsulate Evansville's wish list, while providing exciting, new and lasting recreational amenities for users of all ages and abilities.

You will find that the expertise we offer to guide the City in this process is substantial – and will surely lead to sound planning and decision making! Together with JSD Professional Services, Water Technology Inc. , MP-Squared Structural Engineers, and JDR Engineering, we have all the key and necessary knowledge centers to provide a collaborative and complete process.

We have assembled this team to address each of the design and operational challenges that the team may encounter throughout this process. Our experience in parklands, aquatic centers, public facilities, master planning, budgeting, and public relations are valuable assets.

We are familiar with the City of Evansville, our team has enjoyed working on current projects with them, and we have numerous experiences working on projects with a similar size and scope.

Mr. Sergeant, we have read and fully understand the RFP and scope of work prepared by your office, and find it to be very thorough and explanatory. I hope that you in turn find our proposal and approach to the project befitting of your needs, and invite you to contact me with any questions at all.

We look forward to speaking with you and the City soon!

Best regards,

A handwritten signature in black ink, appearing to read "Steve Shulfer". The signature is fluid and cursive.

[sshulfer@sketchworksarch.com](mailto:sshulfer@sketchworksarch.com)

# Project Team

## OVERVIEW

Sketchworks Architecture LLC has enjoyed a working relationship with the City of Evansville and we have assembled an experienced local team for your project based on the unique goals and requirements. Our team has decades of experience within the parks and aquatics industry, and is well prepared to meet the goals and challenges of the projects at Leonard-Leota and West Side Park. The various goals outlined in the project narrative offers the opportunity to combine our team's strengths, address design challenges, create innovative solutions and bring a sense of community to Evansville. Please refer to our firm introductions on the following pages as well as the appendix for detailed resumes of experience and capabilities for each team member.

## SKETCHWORKS TEAM MEMBERS

### **Steve Shulfer, AIA | Partner, Project Team Lead**

As team lead, Steve will be the primary contact for the City and coordinate all design phases and consultant communication. He will be the presenter for all public meetings and input sessions, and work with various City departments and committees to ensure all goals and input are implemented in the design process.

### **Nick Badura, AIA | Lead Designer**

As design lead, Nick will assist the Project Manager in the design process, from predesign through construction administration, ensuring code compliance and design standards. He will also have a vital role in the assembly of public presentation, data gathering and developing solutions.

Sketchworks Architecture, LLC  
FEIN: 80-0571574

**CITY OF EVANSVILLE**  
LEONARD-LEOTA AND WEST SIDE PARKS

**ARCHITECTURAL SERVICES**  
Sketchworks Architecture, LLC

**AQUATIC DESIGN & PLANNING**  
Water Technology, Inc.

**Matt Freeby**  
Project Director

**Adam Pfister**  
Project Designer

**CIVIL | LANDSCAPE DESIGN**  
JSD Professional Services, Inc.

**Hans Justeson**  
Principal | Sr. Vice President

**Lori Vierow**  
Sr. Landscape Architect

**Kevin Yeska**  
Site | Civil | Landscape Architect

**STRUCTURAL ENGINEERING**  
MP-Squared Structural Engineers, LLC

**Mark Lindloff**  
Principal | Structural Engineer

**MEP | ENGINEERING**  
JDR Engineering, Inc.

**Timothy Meeker**  
Senior Partner | HVAC Engineer

**Michael Klubertanz**  
Electrical + Lighting

**Chris Gehrke**  
Plumbing + Fire Protection



# Firm Qualifications

## SKETCHWORKS ARCHITECTURE

Sketchworks Architecture serves its clients with the development of innovative solutions and impeccable client service responding to any range of project challenges. We take pride in finding attractive, functional, and cost-effective designs that benefit the landscape and offer the user the best spatial experience. The client's goals become our goals. Success is only achieved when the client is satisfied, realizing they have chosen the best design professional available.

Our breadth of diverse project experience and intimate knowledge of facility planning, design, and construction practices makes Sketchworks Architecture an excellent partner in any new construction or renovation project.

### Team Lead Contact:

Steve Shulfer, AIA, Partner | Architect  
608-836-7570  
sshulfer@sketchworksarch.com

## SERVICES OFFERED

- Programming
- Site Planning
- Existing Facility Assessment
- Sustainable Design | LEED Certification
- Master Planning
- High Quality Three-Dimensional Renderings
- Regulatory Agency Research
- Interior Design
- Environmental Branding
- Furniture, Fixture & Equipment Selection
- Art & Accessory Selection
- Construction Contract Drawings



Founded in Middleton, Wisconsin in 2004 as Shulfer Architects, Steve Shulfer and Brad Koning began an LLC partnership and have since grown into today's award-winning design firm, Sketchworks Architecture.

Our staff of 10 includes:

- 4 licensed Architects
- 1 licensed Interior Designer
- 5 designers and administrative staff.

Sketchworks Architecture is currently licensed in multiple states in the Midwest and is experienced in a variety of project types including commercial office and retail, science and technology facilities, multi-family residential, hospitality, healthcare, senior living communities, parks and recreation facilities.



Aldo Leopold Nature Center

# Firm Qualifications

## CIVIL | LANDSCAPE DESIGN

JSD Professional Services, Inc. was established in 1998 as Jenkins Survey and Design. Today, JSD's staff includes professional engineers, stormwater management and water quality professionals, real estate development managers, planners, landscape architects, land surveyors, environmental specialists, and construction managers. JSD provides complete professional planning, development services, design and construction services to the development community from inception to completion, serving the commercial, retail, industrial, educational, healthcare, religious, residential, government and recreational markets.

Our reputation is built on trust, service and true teamwork. We believe the key to a successful project is communication and coordination. This is evident by some of JSD's staff having provided services to some of the same clients for over 20 years.



Every member of the project team must take personal ownership and become a stakeholder. Our staff of highly qualified professionals is determined to maintain excellent communications and flexibility while being responsive to our client's ever-changing needs. JSD also maintains high standards in plan production having won numerous awards for drafting excellence. With a strong commitment to client satisfaction, JSD Professional Services, Inc. provides practical and cost-effective solutions to each project. We provide prompt, accurate and quality service from project inception to completion through the use of advanced technology and state of the art equipment.

### JSD Lead:

Hans Justeson, P.E., P.L.S.  
Sr. Project Consultant | Project Manager

161 Horizon Drive, Suite 101  
Verona, WI 53593

608.848.5060 | [www.jsdinc.com](http://www.jsdinc.com)

## AQUATIC PLANNING, DESIGN & ENGINEERING

Water Technology, Inc.'s (WTI) creative energy and passion embraces the philosophy that aquatic recreation **completes communities** and makes them a better place to live. As the largest aquatic design firm in North America, the WTI team is a highly qualified group of individuals comprised of creative architects, landscape architects, engineers, designers, business developers and administrators, all with a passion for aquatics. Together, we combine our talents to develop original, aquatic facilities from **concept to reality**. In addition, WTI maintains solid relationships with other consultants and contractors and continues to set the standards in the aquatic industry across the United States and around the world.



### WTI ADVANTAGES:

- **Solution driven** planning and philosophy
- Two-way sharing process between WTI and client
- Forward-looking designs that support dynamic community programs
- 150+ AQUATIC Projects Per Year
- Historical database of cost estimates and realistic timelines

### WTI Lead:

Matt Freeby, AIA, LEED AP, NCARB  
Project Director

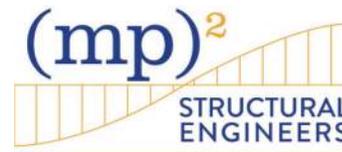
100 Park Avenue  
Beaver Dam, WI 53916

920.887.7375 | [www.watertechnologyinc.com](http://www.watertechnologyinc.com)

# Firm Qualifications

## STRUCTURAL ENGINEERING

MP-Squared Structural Engineers is an energetic, state of the art consulting firm focused solely on providing the highest quality structural engineering designs; creative, insightful, and highly erectable solutions. Our expertise includes the design of reinforced concrete, structural steel, wood, composite steel/concrete, reinforced masonry, deep and shallow foundations, tilt-up and precast building design, failure investigations, and structural inspections and evaluations. Our staff includes six professional structural engineers with nearly 100 years of combined experience. We are capable of handling projects, both large and small, with efficiency and attention to detail. Our engineers have experience working as designers for national leaders in structural consulting and the major building suppliers.



Our staff's broad array of experience and depth of knowledge gives us unique insight into the behavior of many structural systems which we have used to provide efficient and constructible designs of new industrial, business, commercial, and institutional buildings, as well as building strengthening, retrofits, and evaluations. We have applied our design services to a variety of structure types, such as: multi-story office/apartment buildings, agricultural containment vessels, hotels, sports arenas, libraries, schools, churches, laboratories, water parks and vessel supports, as well as numerous other building and project types.

**MP-Squared Lead:**  
Mark Lindloff P.E.  
Partner | Structural Engineer

583 D'Onofrio Drive, Ste. 201  
Madison, WI 53719  
608.821.4770 | [www.mpsqrd.com](http://www.mpsqrd.com)

## MEP | ENGINEERING

Founded in 2004, Dan Pliner, Jim Yurs, and Robb Stone formed JDR Engineering. In 2008, JDR welcomed Tim Meeker as a Senior Partner. Over 14 years of steady growth, JDR is 30 employees strong. Our success is evident, and our talented and experienced staff of Licensed Professional Engineers, Licensed Designers of Engineering Systems, and LEED Accredited Professionals is second to none.

Specializing in Commercial, Industrial, Institutional and Healthcare building projects. We provide Plumbing, Fire Protection, HVAC, Electrical, and Technology engineering services in-house. We also provide energy consulting services, including energy audits on new and existing buildings as well as building energy modeling and simulation construction and review.



We offer building information modeling (BIM) using AutoCAD MEP (Building Systems) and Revit software.

Our passion, combined with our expertise, has allowed us to establish long-standing relationships, and deliver outstanding project designs. JDR prides itself on these long-standing working relationships. Our Principals are involved from start to finish on ALL projects. JDR Engineering is a true partner, with a proven track record of transforming challenges into solutions.

**JDR Lead:**  
Tim Meeker, P.E., LEED AP  
Sr. Partner | Project Manager

5525 Nobel Drive, Ste. 110  
Madison, WI 53711  
608.277.1728 | [www.jdrengineering.com](http://www.jdrengineering.com)

# Team Approach & Scope

## PROJECT DESCRIPTION

An aquatic masterplan and program have been developed for this facility as outlined in the RFP and the 2020 Design Survey Results Materials. This proposal is based on these preliminary design criteria with the expertise of our consultant Water Technology, Inc.:

**WEST SIDE PARK:** Outdoor family aquatic center with the following pools and planned amenities:

- Leisure/Multi-Purpose Pool with zero depth entry, an interactive play unit and other aquatic recreation amenities – approximately 5,000 SF
- Competition pool with 1-meter & 3-meter diving boards and climbing wall – 4,000 SF
- Body Flume waterslide (approximately 30' in height) terminating in an above deck run-out section.

**LEONARD-LEOTA PARK:** Outdoor recreation area listed on the National Register of Historic Places featuring a 40-acre body of water.

- Replacement of Outdoor Spray Pad with inground and deck mounted spray features, less than 4,000 SF in total size
- Specific features and amenities are subject to change following a concept refinement phase, but this proposal assumes a minimum of 2 pools and a waterslide at West Side Park and a recirculated spray pad at Leonard-Leota Park.



## TASK 1 – PROJECT KICK-OFF MEETING

At this meeting, we will gain full concurrence on roles, discuss the project schedule and the detailed work plan required, obtain all available background data for the site, and establish a firm working partnership with all individuals who will be involved in the Leonard-Leota and West Side Park design process. We will also discuss project needs, goals, and the future vision of the parks, including the economic feasibility to ensure the emerging program takes full advantage of the site's potential.

We will review all available background materials, historical documents, maps, facility or structural assessments, site plans, and any other relevant information relating to the project.

## TASK 2 – SITE ANALYSIS

We will visit each project site with the City of Evansville staff to review existing site conditions, and define existing site factors including circulation, view corridors, visual character, boundaries, topography, drainage, existing vegetation, site constraints, and infrastructure that exist, which may affect the proposed plan through an in-depth on-site analysis. The site will be analyzed in terms of physical constraints and opportunities that could be a factor in the proper location and configuration of new facilities.

We will also review existing conditions relating to design, and permitting, including the requirements of the City of Evansville, Rock County, and the State of Wisconsin. As part of the site analysis, our project team will prepare an environmental conditions inventory which will identify both constraints and opportunities. Upon gathering and reviewing the background data and existing conditions, our team will prepare an existing conditions and imagery board to be used at the public meetings.

## TASK 3 – PUBLIC FACILITATION

The Public Facilitation will be outlined as part of the project kick-off meeting. The City of Evansville is deeply committed to create an open process to ensure residents, user groups, associations, and other stakeholders have the opportunity to identify existing site challenges, environmental constraints, desired improvements and their preferred future vision for Leonard-Leota and West Side Parks.

# Team Approach & Scope

The proposed Public Involvement Strategy focuses on understanding the City of Evansville and involving the key stakeholders, recreation partners, recreational organizations, park users, community residents, and key staff in a dynamic planning process. We will work with the Community Development Director and staff to ensure there is a balanced representation from the City, including key stakeholders, user groups, and residents from all sectors of the community. Public engagement is critical to developing plans that reflect community goals and build consensus among stakeholders.

Our team will conduct and lead either in-person or virtual public meetings during our planning efforts.

The following involvement methods are ways we will encourage public engagement throughout the design process:

## **A. FOCUS GROUPS**

Focus Groups allow the community to play a significant role in crafting solutions for the future of Leonard-Leota and West Side Parks. Three focus group meetings will be conducted in an open round-table format and attendees are asked to provide input concerning their vision for the parks, as well as the desired amenities. The residents will have the opportunity to sketch along with the designers to work through schematic designs.

## **B. PROJECT WEBPAGE/SOCIAL MEDIA**

We will assist the City with creating a project-specific webpage and establish social media outlets (Instagram/Facebook) to help introduce the public to the planning process and keep them apprised of our progress. The website will host approved interim deliverables, announce dates for meetings, and link to social media sites and survey information. Our social media campaign will be an important component of this program – particularly to engage residents who may have been unable to attend prior public engagement events – and will include a plan for harvesting and managing public input for inclusion in the deliverable documents. This will also maximize the potential for participation from all age segments.

## **C. PUBLIC WORKSHOPS**

The first public workshop will be held early in the planning process but not before the completion of pre-planning activities and at least some of the data analysis, inventory, and assessment have been completed.

The workshop will begin with a brief presentation followed by small group exercises designed to solicit input and suggestions for the parks. The second public workshop will occur after the schematic designs are completed to present the schematic designs to the residents.

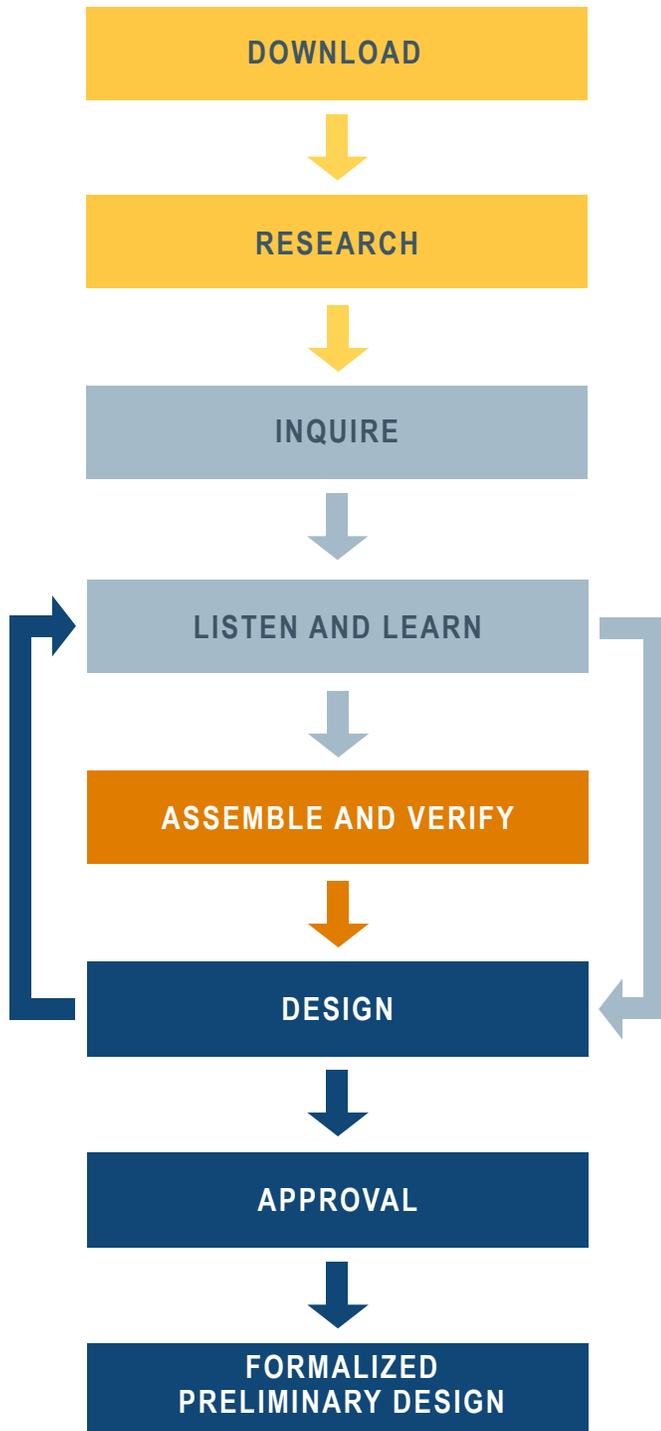
## **TASK 4 – SCHEMATIC DESIGN**

At the conclusion of the Public Engagement process, our project team will review the results with the City staff and discuss recommended elements and direction. Our Team will conduct an internal design charrette to develop two (2) preliminary plans for each project site including imagery exhibits. The preliminary concept plans will be based on information received from the City of Evansville staff, and the Public Facilitation process.

Construction cost estimates will also be considered throughout the development of the concept plans to ensure the most effective use of capital improvement dollars. The Opinion of Probable Construction Cost will utilize 2020 costs as a basis for developing the budget. We will also prepare a phasing and implementation plan including ranked priorities for development.



# Team Approach & Scope



## TASK 4 – SCHEMATIC DESIGN (CONTINUED)

We will meet with City staff to review the concept plans and gain feedback; and select one concept plan or combine elements from each plan; we will also gain authorization to proceed with the second public workshop. We will revise the concept plans as necessary after the conclusion of the second public meeting and gain authorization to proceed with Design Development.

## TASK 5 – DESIGN DEVELOPMENT

Our team will define and develop a detailed set of drawings for both Leonard-Leota and West Side Parks, including final layout, material selection, preliminary engineering, architectural finishes and products. We will revise the initial drawings based on the comments received during the Schematic Design phase, capturing more specifics and details. Preliminary engineering will start on the structure as well as plumbing, electrical, heating/ventilation systems, energy analysis and any other project specific systems.

## TASK 6 - CONSTRUCTION DOCUMENTATION

Following approval of the Final Master Plan, our Team will develop a complete set of Construction Documents and Technical Specifications including necessary details that will eliminate uncertainties during the bidding process and ultimately provide the Client with the most competitive bids possible and superior construction.

## TASK 7 - PERMITTING

Our design Team provides clients with rapid, thorough and accurate assessments of their project requirements. Our specialists bring unrivaled resources and experience to every aspect of site development while our construction management experts help bring the project through completion, on time and on budget.

## TASK 8 – BIDDING/CONTRACT RECOMMENDATION

Our Team will assist the City in preparing a list of qualified contractors to perform the work required as depicted on the construction documents and we will upload the Bidding Documents to an Online Digital Plan Room for distribution.

# Team Approach & Scope

## TASK 9 – CONSTRUCTION OBSERVATION

Construction projects are complex and multi-faceted and project success demands a comprehensive, hands-on approach. As is the case with all aspects of the design and construction process, our Team approaches Construction Administration with a “team” mentality, resulting in the completion of a successful project from the point of view of everyone involved. We minimize and quickly resolve conflicts, provide design interpretation and support, and ensure quality in all aspects of construction.

Task 9 shall include the review of shop drawings, submittals and clarification or interpretation of the design intent and observation of the construction process for compliance with the construction documents. Other deliverables during this phase include: responding to requests for information, issuing of clarification sketches, periodic job site visits, as well as pro-actively addressing situations in the field.

Upon completion of construction, our team will coordinate with the contractor and we will prepare “As Built” Construction documents to reflect any field changes or change in scope of work by amending the Bid/Construction Documents.

## TASK 10 – GRANT WRITING & FUNDRAISING PLAN

Our team has extensive experience with grant writing as well as developing graphics and exhibits for fundraising. We can assist the City with applications for the Wisconsin Department of Natural Resources (WDNR) Knowles Nelson Stewardship Fund, the Land and Water Conservation Fund (LAWCON), the Acquisition and Development of Local Parks (ADLP) program, the Urban Green Space (UGS) program, and the Urban River Grants program.



# Project Deliverables

## PROJECT DELIVERABLES (BY PHASE)

The project will be sub-divided into the following design phases: Concept and Public Engagement, Schematic Design, Design Development, Construction Documents and Construction Administration. Deliverables for each phase are listed in the following pages.

### **Concept and Public Engagement**

- Aquatic Program Narrative
- City preliminary review (2 expected)
- ROM Aquatic Cost Opinion
- Observe and document existing property conditions that impact the project
- Aquatic Concept Plan

### **Schematic Design Phase**

- SD Drawing Set
- Architectural planning and design of new building structure
- Meeting with City staff
- Site topographical survey
- Preliminary Utility Requirements
- Preliminary Aquatic Construction Cost Opinion
- Existing conditions survey for each park space.

### **Design Development Phase**

- DD Drawing Set
- Stormwater management, grading and erosion control design
- Site design and civil engineering including site structures, paving and grading
- Utility plan
- Site Landscape design
- Draft Specifications
- Updated Utility Requirements
- Preliminary Aquatic Construction Cost Opinion
- Review, coordination of codes and submittals to regulatory agencies
- Plan Commission Meeting (1 expected)
- Begin MEP design for proposed buildings

### **Construction Documents Phase**

- CD Progress and Coordination Drawing Sets - WTI shall provide a 90% review set in advance of final deliverable. Client to provide comments and feedback no later than 30 days prior to final deliverable due date.
- Detailing of code-required items such as fire barriers, fire walls, egress and accessibility
- CD Drawing Set
- Structural calculations, sealed, for permitting
- Envelope energy calculations (ComCheck), sealed, for permitting
- Specifications

### **Bidding and Negotiation Phase**

- Distribute plans to the contractor for bidding and construction
- RFI Response(s)
- Addenda Drawings and Documentation, as required.

### **Construction Administration Phase**

- Review Comments of Submittals
- Review Comments of Change Orders
- Review Comments of Aquatic O&M Manual
- Field Reports
- Review Comments of Punch List

Not included in our services are the following:

*We understand that the Client will contract these services separately, if needed, though we can include this scope of work for an additional fee*

- Geotechnical / Sub-surface soils exploration
- Fire Projection for proposed buildings
- Construction Staking
- Hazardous material survey, testing or evaluation of existing buildings or property
- Full analysis of any part of the site, adjacent sites, or existing structures which are not directly affected by this project (unless otherwise expressly stated in this proposal)
- Signage design or sign permit submittals are to be provided by others

# Project Deliverables

## SERVICES AND DELIVERABLES PROVIDED

### (BY DISCIPLINE)

#### Architecture

- Change facilities, locker rooms, food areas, retail areas, offices and/or other support spaces
- Pool mechanical, chemical and equipment rooms
- Method to lift pumps from pool mechanical rooms, if required
- Stair access to springboards, dive platforms or other elements
- Pool deck

#### Landscape Architecture

- Landscaping and irrigation
- Fences and perimeter barriers
- Pool deck, and pedestrian walks
- Shade structures and pavilions

#### Civil Engineering

- Parking and vehicular access
- Storm and Sanitary sewers
- Site grading and drainage
- Pool filter backwash disposal piping
- Utility distribution, including gas, electric and water
- Pool underdrain systems, if required
- Earthwork/soil improvement required for pool construction.

#### Pool Design Consultant

- Aquatic Program Narrative
- ROM Aquatic Cost Opinion
- Aquatic Concept Plan
- Construction Drawings
- Specifications

#### Structural Engineering

- Building foundations, footings, bearing and spanning systems, including building support of pool vessels, pool area, pool mechanical equipment, and pool piping
- Surge tank concrete and reinforcement, access hatch, and ladder if required
- Pump pit(s) concrete and reinforcement, grating, railings, and stairs if required
- Waterproofing Specification. (Waterproofing scope recommended by structural.)

- Filtration and other mechanical equipment pads and slabs
- Pool area concrete and reinforcement, and sealants
- Slide tower supports, footings, stairs, railings, and platforms

#### Mechanical Engineering

- Boilers, heat exchangers, and controls, including pool water heat exchanger(s)
- Pool heater venting and exhaust
- Pool chemical storage room venting and exhaust
- Pool mechanical equipment room HVAC

#### Electrical Engineering

- Aquatic Electrical Drawings o Layout and Specification of all Pool Electrical Equipment including electrical disconnects, variable frequency drives, and/or motor starters for all pool pumps
- Aquatic Program Narrative
- ROM Aquatic Cost Opinion
- Aquatic Concept Plan
- Power supply distribution schedules and coordination
- Bonding and grounding plans and details for all pools, adjacent decks, deck equipment, and pool electrical equipment
- Pool mechanical equipment room subpanel(s) and breakers
- Pool room/area lighting and outlet power
- Pool mechanical equipment room lighting and outlet power
- Scoreboards and timing system conduit
- Slides/Rides control and low voltage wiring

#### Plumbing

- Pool deck drains, drain locations, and drain piping
- Pool mechanical equipment room floor drains and drain piping to waste
- Pool filter backwash/drain plumbing, sump, and duplex sump pump system
- Pool mechanical equipment room potable water supply including piping to pool auto-fill
- Pool mechanical equipment room emergency eyewash station
- Fire protection system

#### Testing and Analysis

- Geotechnical testing and analysis
- Local water testing and analysis

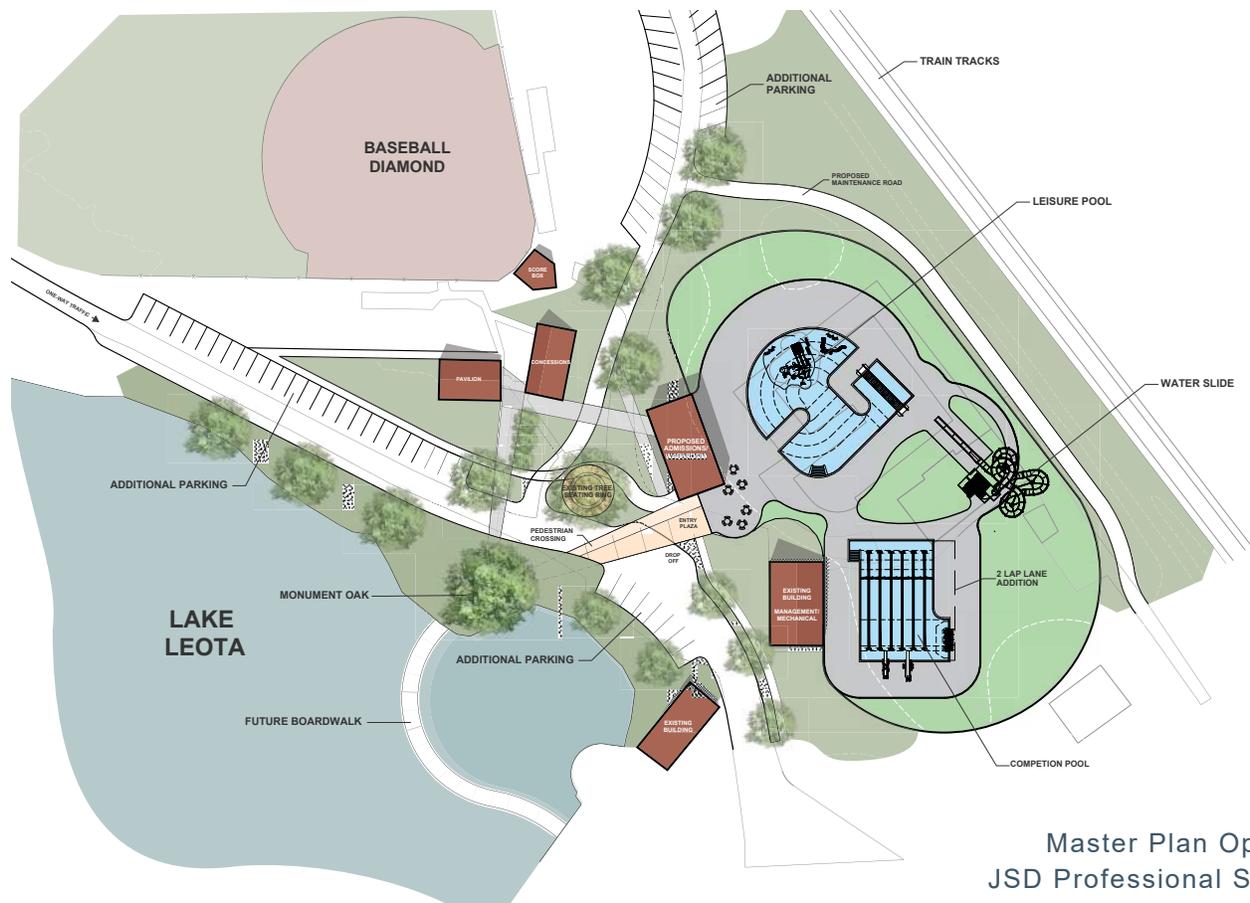
# Design Vision for City of Evansville

## CITY OF EVANSVILLE AQUATICS CENTER

Evansville, Wisconsin

After reviewing the previous concepts provided to the City of Evansville, our design team hoped to show some of our preliminary ideas as to how the previous designs could evolve. We took the step of looking at both the proposed Aquatic Center location and its surrounding spaces, focusing on points that we feel both further enhance the design and increase public input and outreach. The following describes our thought process in the creation of the Aquatic Center Master Plan sketch and renderings shown. They represent our commitment to the project and creating spaces to enhance the City of Evansville.

We recognize a value in keeping the aquatic center in Lake Leota Park. This location will keep activity around this area, encouraging use of the adjacent baseball field, and provides a great setting for the pool as residents have familiarity with this location and use. Plus there is an opportunity in restoring the existing pool mechanical building.



Master Plan Option by  
JSD Professional Services

## MASTER PLANNING CONSIDERATIONS

- Concept “pulls” the natural environment into the aquatic center entrance plaza and baseball diamond through focused views to the monument oak tree and lake
- Routes of circulation are defined by the pedestrian through safe crossings and drop-off zones
- Vehicular drives are proposed with minimal drive widths and parking stall depths to reduce traffic speeds and impervious surface area
- Paved area improvements preserve existing trees and bufferzones along the lakeshore
- Concept maintains one-way circulation around the baseball diamond with parking added for aquatic center and ball diamond use
- Future improvements are explored such as a boardwalk over Lake Leota for interaction with nature and views to the dam

# Design Vision for City of Evansville

Concept Design by WTI, JSD & Sketchworks



## AQUATIC DESIGN CONSIDERATIONS

- Reduced total number of aquatic support spaces on-site. Guests can easily be accommodated with one bathhouse that serves as admissions and concessions and a second mechanical room building.
- Aquatic construction costs increase significantly based on the number of mechanical “systems” or by the number of bodies of water. We focused on a design that reduced the number of bodies of water, while still offering the same balanced blend of amenities.
- Many of the previous concepts featured multiple sets of lap lanes, by consolidating that into one pool only, this pool will be able to better serve attendees for lap swimming, training or even competition.
- Deep water amenities are focused in the competition pools so that there is only one-deep water pool, thus further reducing the cost of construction (vs. having multiple bodies of water with a greater depth).
- By utilizing a run-out slide we are able to reduce the on-going staffing expense as these take only one lifeguard to safely operate.
- The leisure pool focuses all shallow-water activities into one space so that various age-groups can enjoy the amenities and programmatic elements that appeal to their skill and interest level. This zero depth entry offers something for the youngest swimmers, to the intermediate swimming by including a water walk.

We recognize the value in the option of keeping the aquatic center in Lake Leota Park. This location will keep activity around this area, encouraging use of the adjacent baseball field, and provides a great setting for the pool as residents have familiarity with this location and use. Plus there is an opportunity in restoring the existing pool mechanical building.

# Design Vision for City of Evansville

Concept Design by WTI, JSD & Sketchworks



Concept Design by WTI, JSD & Sketchworks



# Schedule

## PROPOSED SCHEDULE

Upon award of the project our team will work with the City of Evansville immediately to establish required criteria and review the proposed timeline and milestones. Our team is capable of adjusting the schedule timeline at any point according to the needs and preferences of the City.

Below is a copy of the proposed milestone schedule:



# Fee Schedule & Confirmations

## CONFIRMATIONS

As acknowledged in the City of Evansville RFP, by submitting this fee proposal the Respondent confirms that the signatory is authorized to bind the Respondent, meets the appropriate state licensing requirements to practice in the State of Wisconsin, has not had a record of substandard work within the last five years, has not engaged in any unethical practices within the last five years, and that if awarded the contract, the Respondent acknowledges its complete responsibility for the entire contract, including approval of all payments resulting from work completed under the project contract.

## FEE PROPOSAL

We propose a Lump Sum (Not-to-Exceed) fee for the design phases of the project, with a breakdown as defined in the RFP as follows:

<b>Total Fee:</b>	<b>\$ 790,000</b>
<b>Concept and Public Engagement:</b>	<b>\$ 71,600</b>
<b>Schematic Design Phase:</b>	<b>\$ 156,700</b>
<b>Design Development Phase:</b>	<b>\$ 127,220</b>
<b>Construction Document Phase:</b>	<b>\$ 293,700</b>
<b>Bidding Phase:</b>	<b>\$ 13,300</b>
<b>Construction Administration Phase:</b>	<b>\$ 127,480</b>
Expenses	(Included per phase)

Work in the above phases includes the following disciplines:

- Architecture
- Interior Design
- Structural Engineering
- Civil Engineering
- Landscape Architecture
- Aquatic Design and Planning
- Mechanical Engineering
- Plumbing Design
- Electrical Engineering

## HOURLY BILLED RATES

Architectural Principle/Team Lead	\$150	Plumbing Engineer	\$140
Architectural Project Manager	\$120	Aquatic Principal/Director	\$200
Architectural Designer	\$100	Aquatic Project Manager/Engineer	\$150
Civil Engineer	\$155	Aquatic Creative Studio	\$130
Landscape Architect	\$110	Aquatic Project Design	\$115
Structural Engineer	\$140	Aquatic Mechanical Design	\$135
Mechanical Engineer	\$140	Aquatic Technical Design	\$85
Electrical Engineer	\$140		

## ALTERNATES

The following items are available at an additional cost:

- Grant Application Assistance
- Geotechnical Engineering
- Demographic research and analysis
- Marking site locations for owner feedback
- Revenue and expense forecasting
- Operational evaluation and analysis
- Facility and market research

# Project Experience

## FIRST COLONY AQUATIC CENTER Sugarland, Texas



First Colony Community Association celebrated the grand opening of the new aquatic center, including the new leisure pool featuring a multi-generational design. The new aquatic center is part of a greater park initiative which includes new volleyball courts, bocce ball courts, horseshoe pits, expanded lakeside trail, two boardwalk areas, a lake overlook and expanded parking lot.

Association members who visit the First Colony Aquatic Center are greeted by a large zero-depth area with water buckets and geysers. Those looking for some additional excitement can grab a tube and enjoy the twists and turns of the waterslide into the lazy river and vortex pool area. A spray pad is also located at the new aquatic center leisure pool.



*Consultants:  
Water Technologies,  
Inc.*

*Size: 6,404 sq. ft.  
Outdoor Leisure Pool  
featuring:*

- Zero Depth Entry
- Tot Slide
- Play Features
- 121 s.f. splashpad

*Facility project  
cost: \$3.7 million*

*Aquatics cost:  
\$1.6 million*



# Project Experience

## LYNNWOOD RECREATION CENTER

Lynnwood, Washington

WTI worked together with architectural consultants to renovate and design new pools for the Lynnwood Community Center. In the existing natatorium, the lap pool was refinished, and the adult whirlpool was refurbished. A sloped ramped entry was added to the wellness pool to meet ADA standards.

In addition the new natatorium features a 4,600 square foot leisure pool with vortex, interactive play area, and a 22 foot tall slide tower that includes a deceleration lane. The new natatorium also includes a large family size whirlpool. WTI oversaw construction efforts through completion.



### AMENITIES

#### Renovation:

- Refinishing of lap pool
- Refurbishing of adult whirlpool
- Addition of ramped entry into wellness pool

#### New Natatorium:

- 4,600 sq. ft. leisure pool
  - Aquatic Activities
    - Geysers
    - Vortex
  - Family Whirlpool

Consultants:  
Water Technologies,  
Inc.

Size: 4,600 sq. ft.  
leisure pool

Completed: 2011

Aquatics Budget:  
\$3 million

Total Size:  
45,292 sq. ft.



# Project Experience

## ST. CLAIR COMMUNITY RECREATION CENTER Upper St. Clair Township, Pennsylvania



Residents of Upper St. Clair had long-awaited a community recreation center and included the vision in the township's 10 year comprehensive plans for over three decades. The 90,000 sq.ft. Upper St. Clair Community Recreation Center forms a bridge between the outdoors and indoors. The design integrates with the park setting with use of **natural materials** throughout and well thought out "green" design elements throughout the facility to **minimize energy usage**. The center is one of the first in the state to combine indoor and outdoor recreation, aquatic and community gathering spaces.

Designed by WTI, the pools were designed to meet the needs of a diverse group of users. The zero depth entry is shallow sloped that enables users of all ages, abilities and comfort levels ease of access to the pool at their own speed.



Consultant:  
Water  
Technologies,  
Inc.

Size:  
90,000 sq. ft.

### Amenities:

- 2,150 sq.ft. lap pool
- 208 sq. ft. whirlpool
- 3,562 sq. ft. leisure pool
- Zero depth entry
- Play structure
- Interactive water play
- Current channel
- Underwater benches



# Project Experience

## WARNER PARK - MALLARDS BASEBALL Madison, Wisconsin



Sketchworks has worked with the Madison Mallards over the last 10 years on a variety of master planning and concept designs for modifications to the ballpark in Warner Park to accommodate the growing needs of the community.

From these plans, we completed the several additions and expansions, including the souvenir shop, food and drink concessions, third base seating with kids play area, the outfield "terrace" seating, the Duck Blind and the most recent Duck Blind Suites.

Masterplanning of the food service layout for the ballpark was vital to the success of the expansions, as food and beverage service was integral to the design of the Duck Blind Suites.



Architect:  
Sketchworks  
Architecture  
Consultants:  
MP-Squared  
Structural & JDR  
Engineering

# Project Experience

## GOODMAN SPORTS COMPLEX

Madison, Wisconsin

JSD provided professional civil engineering, landscape architecture, and surveying services for the Madison College Goodman Sports Complex located at the Truax Campus in Madison, Wisconsin. Beginning in 2008, JSD provided professional consulting services for site circulation and parking, stormwater and landscape site features.

In 2015, JSD was retained to support Madison College in renovating the existing sports complex to feature a synthetic soccer pitch, a full synthetic



softball diamond to include a new team, concession and spectator facility, and additional structures based on a grant made by the Irwin A. & Robert D. Goodman Foundation.

As part of the scope of work, JSD provided survey, civil engineering, and stormwater management design services. JSD played a key role in the coordination and management of the project design team in the master planning process, including development of a successful site plan focused on providing adequate parking, site circulation, and an integrated stormwater management system.

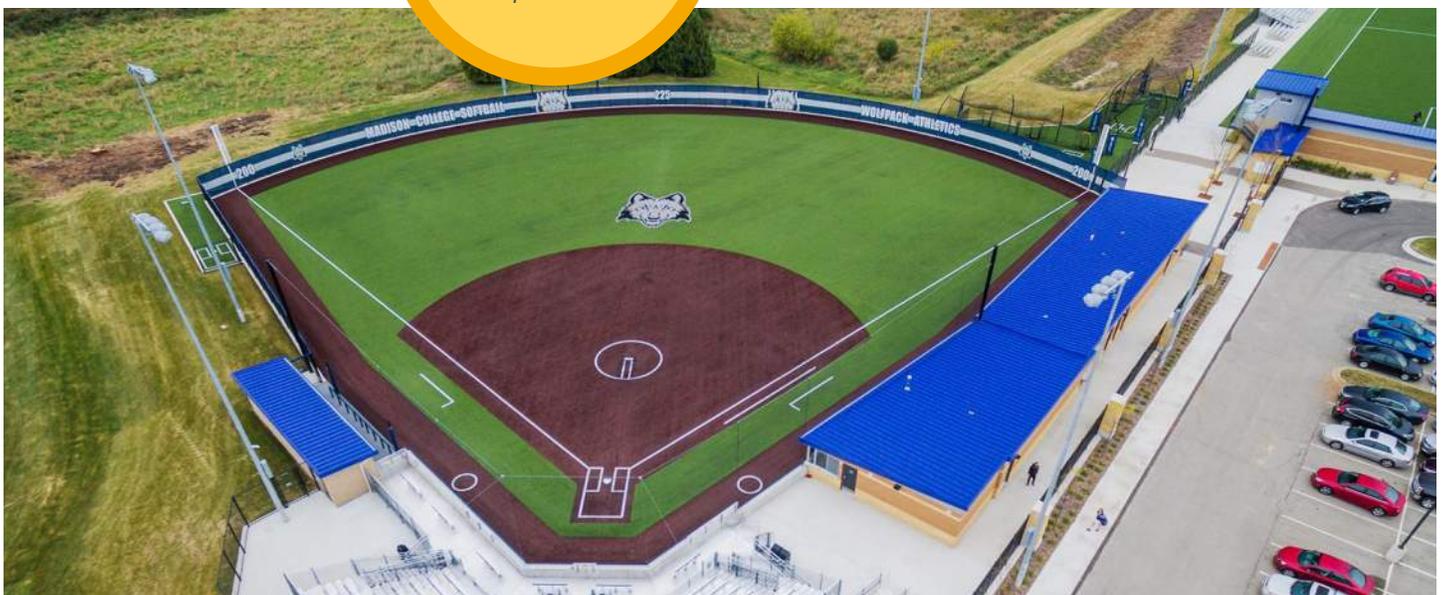
In addition, JSD coordinated with the City of Madison and Wisconsin Department of Natural Resources on review and approval processes, including provided site construction administration services, obtaining land use entitlements and permits.



*Client:*  
*Madison College*

*Budget: \$7.5 million*

*Completed: 2017*



# Project Experience

## OREGON SCHOOL DISTRICT - OUTDOOR CLASSROOM

Oregon, Wisconsin



The outdoor classroom, located between Prairie View and Netherwood Knoll Elementary schools captivates the community of Oregon and its students. The centerpiece of the design, a 120-seat amphitheater, which serves as a gathering space for classrooms during school hours and evening performances.

JSD developed this project in conjunction with input from Oregon District staff members, community members, and project stakeholders. The project scope included revamping the Prairie View Elementary school parking lot design, developing way-finding opportunities for students and the community, and creating outdoor activities for children in the community to learn and grow. JSD provided services, including surveying, civil engineering, and landscape architecture.



*Civil &  
Landscape:  
JSD Professional  
Services*

*Size:  
140,000 sq. feet  
120-seats*





# Project Experience

## ALDO LEOPOLD NATURE CENTER

Monona, Wisconsin

Sketchworks Architecture skillfully merged new, high-tech climate change classrooms and interactive theaters with the original heavy timber structure. Through incorporating sustainable materials, integrating solar panels, utilizing energy-efficient radiant heating and LED lighting, this expansion project was designed to LEED Gold standards.

*Architect:* Sketchworks Architecture  
*Consultants:* MP-Squared Structural Engineers  
*Size:* 17,400 square feet

Used as an education center focused on climate change and the natural environment for youth throughout southern Wisconsin, the design team conducted interactive sessions with children and parents, learning what programs interested them, and having round table discussions with educators and staff to build program areas to suite and adapt to those programs.

A combination of space was required to achieve Aldo Leopold's program. These spaces include:

- Conference Rooms
- Offices
- Kitchen
- Gift Shop
- Interactive 360 "Hives"
- Climate Change Exhibits
- Lab Areas
- Tiered Presentation Room



Photo Credit: Andrew Jalbert

Due to the financing of the project being 100% **donations, grants, and work-in-kind**, the support of key stake-holders throughout southern Wisconsin was paramount in the design.

Sketchworks provided marketing and presentation materials to help facilitate various fundraisers and events beyond the project construction completion as a continued effort to support the diversity and accessibility of those programs to area youth.

*Sketchworks Architecture designed and documented what is considered the first early education center in the U.S. to focus on climate change.*

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**Steve Shulfer, AIA**  
Principal | Design Team Lead  
*25 + Years of Experience*



Partner and CEO, Steve Shulfer, is a registered Architect with 25 years of experience. His experience as an architect and designer offers the insight and knowledge of a quality service organization with the personal attention of a small business owner. His array of experience, industry knowledge, understanding of construction methods and management skills make Steve an excellent team leader and client asset, whether a large corporation or small business owner.

**Education**

University of Wisconsin - Milwaukee  
Bachelor of Science  
*Architectural Studies*

Licensed Architect -  
Wisconsin, Illinois

*Featured Projects:*

**Holmen Aquatic Center** | Holmen, WI

**Warner Park - Madison Mallards** | Madison, WI

**The Park at Savannah Brooks** | Deforest, WI

**GRB Academy** | Deforest, WI



**Nick Badura**  
Lead Designer | Project Manager  
*15 + Years of Experience*



Nick is a licensed architect and has led many projects covering a wide range of types, including many successful office projects from tenant remodels to new builds. His organization and client relations skills have brought about repeat client business and strong working relationships. Nick has the experience and structured team approach to ensure the success of your new build or remodel.

*Featured Projects:*

**Warner Park - Madison Mallards** | Madison, WI

**The Element Apartments** • Ashwaubenon, WI

**GRB Academy** | Deforest, WI

University of Wisconsin - Milwaukee  
Master of Architecture  
Bachelor of Science  
*Architectural Studies*

Registered Architect  
Wisconsin



**Mark Lindloff, P.E.**  
Structural Engineer  
*10 + Years of Experience*



Mr. Lindloff has a strong background in designs and the development of project documents using conventional and glue-laminated wood, conventional and composite steel-framed systems, cold-formed metal stud and joist framing, conventionally reinforced, and precast concrete systems, as well as, renovation and rehabilitation projects. Mr. Lindloff has been a project engineer and/or project manager on a wide variety of projects such as water park resorts, residential, multi-story commercial, education facilities, and retail.

*Featured Projects:*

**The Kartrite Waterpark Resort** • Monticello, NY

**Henry Vilas Zoo - Concessions & Exhibits** • Madison, WI

**Heritage West Sports Complex** • Madison, WI

**Bergamont Pool House** • Oregon, WI

University of Wisconsin - Milwaukee  
Milwaukee School of Engineering  
Bachelor of Science  
*Architectural Engineering*

Professional Engineer - WI



**Timothy Meeker**  
Sr. Partner - HVAC  
*24 + Years of Experience*



Tim has experience in HVAC design and project management for a wide variety of commercial, institutional, justice, and industrial projects. He is actively involved in boiler system design, chiller system design, large piping and pumping system design, and large air handling system design for both new buildings and retrofit of existing buildings.

*Featured Projects:*

**Spring Hill Suites Pool & Resort** • Madison, WI

**Devil's Lake State Park - Campground & Restroom Facilities** • Baraboo, WI

**Castle Mound Campground - Restroom & Shower Buildings** • Black River Falls, WI

Education

University of Wisconsin - Platteville  
B.S. Mechanical Engineering

US Green Building Council

LEED Accredited, 2004  
American Society of Heating  
Refrigeration and Air Conditioning  
Engineers



**Michael Klubertanz**  
 Electrical & Lighting  
*27 + Years of Experience*



Mike has experience with power distribution, lighting, lighting control, fire alarm systems, security systems, phone/data systems, and emergency power generation in a wide variety of markets including industrial, healthcare, justice, educational, and commercial buildings. Utilizing various lighting calculation software packages and control systems, lighting systems are designed to comply with USGBC LEED® and State of Wisconsin energy code requirements.

Education

University of Wisconsin - Madison

University of Wisconsin -  
Whitewater

Registered Electrical Designer  
Wisconsin, 2006

Lighting Certification  
NCQLP, 2006

*Featured Projects:*

**Spring Hill Suites Pool & Resort** ◦ Madison, WI

**Devil's Lake State Park - Campground & Restroom  
Facilities** ◦ Baraboo, WI

**Castle Mound Campground - Restroom & Shower  
Buildings** ◦ Black River Falls, WI



**Christopher Gehrke, D.E.**  
 Plumbing & Fire Protection  
*15 + Years of Experience*



As a senior level plumbing designer with JDR Engineering, Chris develops project plumbing requirements to meet client and project directives. Additionally, as a designer, responsibilities include cost estimates for new and renovated buildings, investigation into energy conservation opportunities for plumbing systems, and development of detailed design documents that meet owner's requirements. As an experienced plumbing designer, Chris has been involved with the specification and design of plumbing systems for healthcare, laboratory, industrial, utility, hospitality, and commercial buildings. His prior design-build experience provides valuable knowledge that enhances JDR Engineering's plumbing department.

Education

Milwaukee School of Engineering  
Bachelor of Science  
*Architectural Engineering*

Professional Engineer  
Wisconsin, 2018

American Society Heating,  
Refrigerating and Air-Conditioning  
Engineers, Wisconsin

*Featured Projects:*

**Spring Hill Suites Pool & Resort** ◦ Madison, WI

**Devil's Lake State Park - Campground & Restroom  
Facilities** ◦ Baraboo, WI

**Castle Mound Campground - Restroom & Shower  
Buildings** ◦ Black River Falls, WI



## Adam Pfister

Project Designer

*15 + Years of Experience*



Working within the parameters given, Adam orchestrates a symphony of aquatic elements and features throughout the facility. His designs transform flat, monotonous areas into stimulating aquatic destinations using elevation and unique, custom created structures. Adam's investigative approach prior to designing each facility includes working with project management and the client to understand the demographics of the area in conjunction with their needs, wants and state codes. Once all the information is gathered, Adam uses his design skills to transform planning and programming notes into a conceptual graphic design, carefully taking into account budget constraints and objectives. Adam's portfolio includes a variety of aquatic facilities including Olympic level competition, therapy and wellness, hotel, and municipal leisure.

### Education

Bachelor of Landscape Architecture, Iowa State University Ames, IA

NSPF Certified Pool / Spa Operator (CPO)

Revit Certified Professional

### Featured Projects:

**Buchner Park Pool Conceptual Design** • Waukesha, WI

**Green Lake Family Aquatic Center** • River Forest, IL

**Madison Outdoor Aquatic Center** • Madison, WI



## Matt Freeby, AIA

Project Director

*22 + Years of Experience*



Matthew Freeby has a wealth of experience in the design and construction of numerous building types and structures; with overall responsibility for large project development. His project experience ranges from conceptual planning to construction management. Matt is relied upon to define project scope, goals and deliverables that support WTI's business goals in collaboration with senior management. A registered Architect in 22 states and a NSPF Certified Pool/Spa Operator, Mr. Freeby is a LEED Accredited Professional with knowledge in green building practices and sustainable aquatic design and operations. Matt's attention to detail and persistent pursuit of excellence provides the industry benchmark in aquatic design.

### Education

Master's Degree, Architecture  
Washington University  
St. Louis, Missouri

Master's Degree, Civil Engineering,  
Construction Management  
Washington University  
St. Louis, Missouri

Bachelor of Arts, Architecture  
Washington University  
St. Louis, Missouri

### Featured Projects:

**Buchner Park Pool Conceptual Design** • Waukesha, WI

**Richland Center Aquatic Center** • Richland Center, WI

**Erb Park Swimming Pool** • Appleton, WI



## Lori Vierow

Senior Landscape Architect

*28 + Years of Experience*



With over twenty-five years of experience, Ms. Vierow fulfills the role of Senior Landscape Architect. Lori's experience includes the development of master plans and construction documents for projects ranging from public parks, athletic field development and urban streetscapes, to residential, commercial, and sustainable developments. She also has extensive experience coordinating project teams from the initial site analysis through project completion, as well as, developing open space master plans and park master plans that are unique and tailored to fit each community.

### Education

Iowa State University - Ames  
B.S. Landscape Architecture

Registered Landscape Architect  
Illinois + Wisconsin

LEED AP BD+C

### Featured Projects:

**Burning Bush Trails Park** • Mt. Prospect, IL

**Fox Park, Park District of Oak Park** • Oak Park, IL

**Pioneer Park, Broadview Park District** • Broadview, IL

**O'Neil Park Master Plan** • Bloomington, IL



## Kevin Yeska

Landscape Architect

*7 + Years of Experience*



Kevin has extensive experience in recreation, commercial, institutional design and construction management. As your JSD team lead, he will coordinate deliverables, both internally and externally, while ensuring functional and cost effective site/infrastructure design. Kevin will utilize his strong communication and graphic skills to effectively and creatively take a plan from concept drawing to design and construction through the use of contemporary presentation techniques and state-of-the-art software tools to illustrate and convey JSD design solutions.

### Featured Projects:

**VSD High School Master Planning** • Verona, WI

**OSD Outdoor Classroom** • Oregon, WI

**Green County HHS** • Monroe, WI

### Education

University of Wisconsin - Madison  
B.S. Landscape Architecture

Professional Landscape Architect  
Wisconsin, 2020

Member, American Society of  
Landscape Architects



## Hans Justeson

Principal, Senior Vice President

*22 + Years of Experience*



Hans will utilize over 22 years of surveying and civil engineering experience to provide the Village with senior civil engineering oversight and design solutions to ensure a quality end product. He will assist at the Schematic Design level to make certain project managers and staff are proposing the best infrastructure solutions, while keeping cost and long term maintenance in mind.

### Education

University of Wisconsin - Madison  
B.S. Civil Engineering

Professional Land Surveyor  
Wisconsin, 1997

Professional Engineer  
Wisconsin, 2001

### Featured Projects:

**Reddan Soccer Park** • Verona, WI

**OSD High School and Athletic Fields** • Oregon, WI

**Verona Area School District Athletic Fields** • Verona, WI

**Sun Prairie School District Athletic Fields** • Sun Prairie, WI



## Matt Haase, PE

Project Engineer

*8 + Years of Experience*



Mr. Haase is a graduate of the University of Wisconsin – Platteville with a Bachelor of Science Degree in Civil Engineering. Matt joined JSD as an entry level engineer following graduation at UW-Platteville in December of 2013 and has become an integral part of JSD’s engineering design team on a variety of projects. He has over 6 years of design and construction experience on a multitude of projects. As a project engineer, he has experience in designing commercial, industrial, institutional, recreational and residential sites from initial conception through construction documents.

### Featured Projects:

**Novation Campus** • Fitchburg, WI

**MAYSA Reddan Soccer Complex** • Verona, WI

**Village of Oregon Sports Complex** • Oregon, WI

**Erin Hills Golf Course** • Town of Erin, WI

### Education

University of Wisconsin-Platteville  
B.S. in Civil Engineering

Professional Engineer  
Wisconsin

# APPENDIX B - References

## Upper St. Claire Community Center:

**Client:**

Paul Besterman, Director  
Township of Upper St. Clair  
1820 McLaughlin Road  
Upper St. Clair, PA 15241  
(412) 831-9000  
besterman@twpusc.org

**Personnel:**

Matt Freeby, Project Director  
Water Technology, Inc.  
100 Park Avenue  
Beaver Dam, WI 53916  
(920) 887-7375  
mfreeby@watertechnologyinc.com

## Madison Mallards:

**Client:**

Vern Stenman, President  
2920 N. Sherman Avenue  
Madison, WI 535704  
(508) 246-4277  
vern@mallardsbaseball.com

**Personnel:**

Steve Shulfer, Architect  
Sketchworks Architecture, LLC  
7780 Elmwood Avenue, Ste. 208  
Middleton, WI 53562  
(608) 836-7570  
sshulfer@sketchworksarch.com

## O'Neil Park Master Plan:

**Client:**

Jay Tetzloff, MS, Director  
Parks, Recreation and Cultural Arts  
1020 South Morris Avenue  
Bloomington, IL 61701  
(309) 434-2825  
jtetzloff@cityblm.org

**Personnel:**

Lori Vierow, Senior Landscape Architect  
JSD Professional Services  
161 Horizon Drive, Suite 101  
Verona, WI 53593  
(608) 848-5060  
lori.vierow@JSDinc.com



