



# FIRM BACKGROUND

## WOLD ARCHITECTS AND ENGINEERS

### everything we do focuses on listening to you to achieve your goals

We believe our job is to ask the right questions to understand all of your needs, and bring innovative solutions to solve those challenges.

No other firm has as many tools and processes focused specifically on gaining feedback and input to guarantee your involvement and ownership at every stage of the process.

Our services are not limited to a set number of meetings or hours for a given phase or task. They are full service and inclusive of anything necessary to make the project a successful experience for you.

### our approach considers the big picture

We understand how decisions you make now may limit future opportunities to adapt and change. Our process focuses on asking questions not just for today, but for the future.

We bring the experience of multiple office locations, and work with dozens of educational clients to give you greater insight on how others are handling similar situations to inform your decision making process.

### our focus on building relationships gives us a different motivation

We value relationships with our clients and expect them to last for many years. With this in mind we take a more cautious approach in considering the implications of every design step we take and its impact on your schools, community and future stake holders.

We don't disappear when the project is over. For some firms, the final goal is a pretty building they can take photos of for their portfolio and then they leave. We intend to be around long after the buildings are occupied to help with any on-going issues, future planning initiatives, warranty issues, minor questions – whatever you might need.

Wold Architects and Engineers  
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**date founded** | 1968

**years in business** | 53 years

**number of locations/offices**

4 locations, Minnesota, Illinois,  
Colorado, Tennessee

### brief company history

With client service as a focus, we take a long-term posture of keeping our clients' interests as our goal. We believe our role is much more than just a facility designer. Because facility issues are ongoing, we offer our continuing support from initial space needs analysis, through design and construction project, continuing through post-occupancy. Our 300+ person, multi-disciplinary staff provides you with an unparalleled level of service. We have the experience and capabilities to address any facility need that you have.

staff counts	NAT'L
Registered Architects	63
Graduate Architects	112
Registered Engineers	18
Graduate Engineers	48
Interior Designers	11
Technical Staff	7
Administrative Support	43
<b>Total</b>	<b>302</b>

# OUR PHILOSOPHY

## WOLD ARCHITECTS AND ENGINEERS

With this focus comes a profound understanding of education. We are at a pivotal time in public education. Educators are slowly pulling us out of the century of teaching paradigms based on the industrial revolution. New methods of teaching and a renewed focus on personalized learning are demanding new spaces and processes. We will bring our collaborative skills to the conversation to not only help design new spaces suited for the 21st century, at the same time we will help facilitate new thinking and creativity in your teaching staff. Our collaborative workshops have proven time and again to bring new insights and new inspiration to educators. We often hear that these conversations have given them ideas that they can start incorporating in their classroom right away.



***We listen to what you say.*** When we begin any educational project, we always start with one simple question: what do you want your school to be? It sounds simple, but it is a basic tenet for everything we do in our designs and it guides our entire process.

***Aesthetics don't come first.*** The primary goal of any project is never the architectural design. While we know that a building's appearance is important, it should not come at the expense of the function of the school or at an added cost to the tax payers. As you look through our recent projects, you will see projects that are not only attractive, but ones where clients can specifically tell you how it was designed to meet particular goals and represent their community.

***It starts with collaboration.*** Through our participatory planning process, we bring multiple stakeholders together to represent the various views and beliefs within your community. We facilitate planning discussions to define criteria specific to your project goals and base our designs directly upon those criteria. From meeting to meeting, we will show and explain to the planning group how their input directly impacted and modified the plans.

***Your goals and needs—not ours.*** At the end of each phase, the process is formally presented to the school board for review and approval to ensure that the direction is meeting the district's goals. As each phase progresses, we continue meeting with your staff to work through the details; this process achieves stakeholder ownership and allows constant dialogue, especially when there are difficult decisions to be made.

***Our unique process results in a unique outcome.*** We do not have a cookie cutter approach to any projects we do. Needs, wants, goals, and decisions are never the same from one client to the next, so we start every project with a fresh set of eyes and a blank piece of paper. By seeking to first understand you as a unique client, their is certainty in having your goals, expectations, and values reflected in the final design.

# AREA OF EXPERTISE

## BASIC COMPREHENSIVE SERVICES

We believe the best way to serve our clients is to focus on fewer building and client types, and deepen our services to those clients. As a result we have developed full expertise in facilities related to our Minnesota Public Schools.

### master planning

- Facility Condition Analysis
- Cyclic Maintenance Analysis
- Deferred Maintenance Analysis
- Capital Expenditure Planning
- Educational Adequacy Study
- Right-sizing Studies
- Security Planning
- Pre-Referendum Services
- Capacity Analysis
- Long Range Capital Planning
- Collaboration with CM's

### architectural and engineering design/documentation

- Building User Documentation and Implementation
- Interior Design and Space Planning
- Color and Material Selection
- Signage Programming and Design
- Furnishings, Fixtures and Equipment Programming, Selection and Specification
- Mechanical Engineering Design and Documentation
- Electrical Engineering Design and Documentation
- Energy Management and Related Services
- Architectural Lighting Design
- Cost Estimating/Cost Management
- Bidding Services
- Architectural Modeling
- Commissioning
- Energy Audit
- Site Planning
- Collaboration with CM's

### deferred maintenance

- Roof Replacement
- Bituminous Overlays
- Window Replacements
- Lighting Retrofits
- Boiler Replacements
- Unit Ventilator Upgrades
- Bleacher Upgrades
- Fire Protection
- Fire Alarm Systems
- Energy Management

### construction administration

- Construction Observation Services
- Teaming with Construction Professionals
- Proactive Response to Field Issues
- Regular Communication with Owner
- Collaboration with CM's

### energy and efficiency

- Analysis of Existing Mechanical Systems
- Mechanical Systems to Meet/Exceed ASHRAE Standards
- Water Infiltration Investigation/Resolution
- Energy Audits
- Energy Tracking
- Performance Improvement Strategies
- Payback Analysis
- Energy Modeling
- Expense Projections
- Energy Star Certification
- Training for Maintenance Staff

### extended services

- Strategic Facility Planning
- Long Range Planning
- Facility Analysis
- Project Funding
- Pre-referendum
- Program development
- Space Adequacy Analysis
- Capacity Analysis
- Furniture Selection and Procurement
- Site Analysis
- Best Value Procurement
- Post Occupancy Review
- Utility Tracking and Analysis
- Energy Analysis
- LEED Certification
- Technology Planning and Coordination
- Collaboration with CM's

### value added services

- School Efficiency Analysis
- School Consolidation Studies
- Project Budget Tracking
- Multiple Funding Stream Project Strategies
- Leading Change Facilitation
- Innovation Day Workshops
- Personalized Learning Facilitation
- School Security Analysis/Planning



# CONTACT US!

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**Vaughn Dierks, AIA, LEED AP**  
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Vaughn is a partner and CEO at Wold Architects and Engineers with more than 25 years of educational design experience and expertise. As a partner-in-charge for school districts across Minnesota and the Upper Midwest, Vaughn is a leader in the educational design industry as well as the firm's Educational Planning Group.



**Paul Aplikowski, AIA, LEED AP**  
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As one of the leaders of Wold's educational planning group, Paul brings nearly 25 years of educational master planning and design experience and expertise to your project. He is a gifted communicator and excels at working with clients to understand their goals and commitments. His passion is to help synthesize your ideas and turn them into reality.



**Sal Bagley, AIA, LEED AP**  
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Sal is a partner with Wold Architects and Engineers specializing in the planning and programming of educational facilities to meet the needs of today's adaptive learning styles. She is passionate about educational design and has experience in planning, pre-referendum preparation, design, implementation & beyond.



**Lynae Schoen, IIDA, LEED AP**  
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Lynae has dedicated her 20+ year career working with clients to define their needs by planing with functional relationships as a guide. Her interior architecture background provides a strong basis for developing educational facility program space needs, educational specifications and space analysis.