



6264 Black Wolf Point Rd
Oshkosh, WI 54902

MATTHEW J. WICKSTROM

Mechanical Systems Engineer

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Direct: 920-370-7070

SUMMARY:

I have been working as a mechanical engineer, project manager, and design engineer for the past 20 years. I began working with a consulting firm; CCJM, in Chicago, IL in 2002, then moved to McMAHON in Neenah, WI in 2015, and went on to form Fox Valley MEP in Oshkosh in 2021. The job duties that I've performed includes full building heating and cooling calculations, mechanical systems design, engineering, coordination, construction services, facility studies, cost estimating, BIM modeling, and project management from conceptual design through construction. I have performed these duties in very diverse types of buildings and institutions throughout the years including, Educational, Health Care, Commercial, Municipal, Industrial, Government, and Critical Facilities. The majority of these projects have been in the U.S., but I have also performed facility studies for Mission Critical Facilities worldwide. I am professionally licensed in the state of Wisconsin as a Designer of Mechanical Engineered Systems, and am able to provide full services related to the heating, ventilation, and cooling of buildings. Below I have provided a brief listing of projects that I have worked on throughout the years.

MEDICAL:

Aloria Health – Building Renovation – Milwaukee, WI
Bellin Health, Sturgeon Bay – Clinic HVAC Renovation – Sturgeon Bay, WI
Bellin Health – GI Lab Remodel – Green Bay, WI
Harbor Oaks Autism Hospital – New Hospital – Harbor Oaks, MI
Kaldas Center – New Clinic – Appleton, WI
ThedaCare Hospital – Compounding Pharmacy Renovation – Berlin, WI

EDUCATIONAL FACILITIES:

Appleton North High School Building Renovations – Appleton, WI
New Holstein Elementary School HVAC Renovations - New Holstein, WI
Chicago Public Schools, Chicago, IL
 Corliss High School - Mechanical Systems Renovation
 Lincoln Elementary – School Addition and Renovation
 Mariano Azuela Elementary School – New School
 Roberto Clemente High School – HVAC Renovations
 Gwendolyn Brooks College Preparatory School Addition & Renovations
Chicago State University – Pharmacy Renovation – Chicago, IL
Harper College Building D & H Renovations – Palatine, IL
MATC Diesel Lab Addition and Renovation - Milwaukee, WI
Neenah High School Building Renovations – Neenah, WI
NTC Tool Lab Renovation - Wausau, WI
Parkview Elementary School Renovation - Orfordville, WI
University of Chicago – Centennial Room – Chicago, IL
University of Illinois -Turner Hall – Champagne, IL

Specialized Competence:

Estimating and Designing Mechanical HVAC and Piping Systems.
Facilities Audits and Feasibility Studies.
Plumbing Design.
Fire Protection Design.
Geothermal Design.
Project Management.

Academic Background:

Northern Michigan University -
Associates Degree, Architectural Design
Northern Michigan University -
Bachelor of Science, Industrial Technology

Professional Affiliations:

American Society of Heating, Refrigeration & Air Conditioning Engineers (ASHRAE)
National Fire Protection Association (NFPA)

Professional Licenses:

Designer of Mechanical Engineered Systems - WI



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COMMERCIAL:

Allianz Global Risks Office Build-Out - Chicago, IL
Dionex Labs Office Renovation - Bannockburn, IL
Jardine Water Treatment Plant Labs Relocation - Chicago, IL
McMahon Associates Building Additions – Neenah, WI
Naperville Settlement Mechanical Renovation - Naperville, IL
Reuters Office Renovation and Build-Out - Chicago, IL
South Shore Drill Team New Building - Chicago, IL
Shure Technical Center Critical Listening Center, Mechanical Renovations - Niles, IL
WOW Logistics New Office Building – Neenah, WI
YMCA Heart of the Valley Addition – Appleton, WI
X-Sports Fitness Centers, Renovations & New Buildings - Chicago Ridge, Naperville, Chicago Loop, St. Charles, Downers Grove, IL

MUNICIPAL FACILITIES:

Baltimore ENRP Wastewater Pumping Station, Mechanical Design - Baltimore, MD
Briess WWTF – Ralston, NY
Forest County Potawatomi Community WWTF HVAC Design – Carter, WI
Guilford Pumping Station – Mechanical Design – Baltimore, MD
Spencer WWTF Facility Improvements – Spencer, WI

FACILITY STUDIES:

312 E. Wisconsin Facility Study & System Assessment – Milwaukee, WI
Reuters Data Centers – Critical Mechanical Systems Assessments Worldwide.
Spencer WWTF – Facility Study & System Assessment – Spencer, WI
Stickney Wastewater Treatment Facilities – Facility Study
WE Energies Everett Sub Station – Facility Assessment – Milwaukee, WI

ADDITIONAL PROJECT LISTING:

Dover Air Force Base Youth Center, New Building – Dover, DE
Lambeau Field – DNC Office Renovations
Land O' Lakes, Inc. Plant Expansion – Kiel, WI
O'Hare Airport Admirals Club and H&R Facility
O'Hare Airport H&K Concourse and Rotunda Building HVAC Renovations
X-Sports Fitness Centers, Renovations & New Buildings - Chicago Ridge, Naperville, Chicago Loop, St. Charles, Downers Grove, IL
Chicago Executive Airport – Customs Building – Wheeling, IL