

WATSON BROS. COMPANY

Plumbing | Heating | Air Conditioning | Industrial Piping | Design/Build | Engineering

FIVE GENERATIONS – SINCE 1898



James C. Watson, PE

Mechanical Engineer / Estimator

Experience Summary:

James serves as the mechanical engineer on all the design/build and engineering projects for Watson Brothers Company. He is a licensed engineer with the state of Michigan and brings 5 years of experience working as a design engineer with an architectural firm in Grand Rapids Michigan to the company. Beyond engineering, James serves as an estimator for small and mid-size construction and service projects.

Relevant Experience:

- Five years of experience as a design engineer designing all varieties of mechanical and plumbing systems: hydronic systems, forced air systems, water source heat pump systems, geothermal systems, and more.
- Experience in performing energy audits for commercial, industrial, and institutional buildings.
- Experienced in performing building energy analysis and modeling calculations for LEED creditation and for analyzing proper system selection.

Years of Experience: 6

Education:

- Master of Science in Engineering Management, Western Michigan University, 2013
- Bachelor of Science in Mechanical Engineering, Western Michigan University, 2010

Licenses/Registrations:

- Professional Engineer: MI
- Registered plumbing apprentice

Professional Societies/Affiliations:

- American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE)

Personal Life:

- Avid runner and has completed 6 marathons to date.
- Loves a good micro brew and trying new beers.
- Enjoys traveling and spending time with his new wife.