

Engineering On Demand

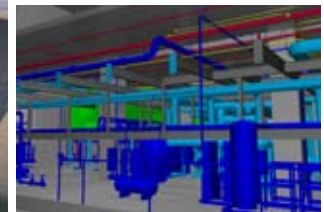
Conceptual problem-solving
and detailed engineering expertise

Choosing your consulting engineering team is one of the most important decisions you'll make for your project. Mechanical engineers determine how your building will operate—impacting user comfort and energy consumption.

Our engineering team delivers inspired solutions that integrate with the overall design and function of your building. As one of the largest engineering groups in the region, we take advantage of our company's consulting and design/build expertise in developing your essential systems.

Understanding Construction Costs, Commissioning and Controls

Recognizing the link between capital expenditures and operating/maintenance costs is important for the life cycle of your project. Our team of engineers and detailers produce bid-ready documents designed for the optimal performance of your building.



Beyond CAD

We utilize a range of technological applications, depending on your needs. For 2-D schematic designs, we use the latest version of AutoCAD with our in-house block libraries. For 3-D models showing design-construction-operation performance, we work with Virtual Design and Construction (VDC) tools. This allows us to readily visualize, analyze and evaluate proposed systems. Employing Building Information Modeling (BIM), we share processes and information from multiple disciplines and project phases via a solo model.

Our VDC technologies allow you to refine your project design with multiple iterations while reducing errors, improving coordination and communication, and minimizing field changes. With a perfected design, the project team saves time and money during construction.

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