

Dmitry Iodko, EIT

Mechanical Designer



Dmitry is a Mechanical Designer for Fulcher Engineering. His responsibilities include: drafting, load calculations, code analysis, and work coordination, among multiple other facets of plumbing and HVAC system design.

Dmitry has professional experience in Building, Remodeling, Technical Support, Sales, Negotiation, and Customer Service.

Key Experience and Training

- Solid Works Design
- AutoCAD Design
- Finish Carpentry/Installation
- Fluid System Design
- Working Model
- Microsoft Office
- Prototype Testing
- Risk Assessment

Education

Boise State University
B.S. Mechanical Engineering

Sample Projects

BLM Field Office Remodel and Renovation – HVAC and Plumbing design and drafting of a remodel to the BLM Field Office in Winnemucca, NV. The facility consists of 21,850 sf office space with the intent to certify the project under LEED for Commercial Interiors.

Manfred's Front Street Kitchen – Site verification and as-building of existing plumbing and HVAC systems of a 835 sf space to be remodeled for kitchen use in downtown Boise. HVAC planning, code analysis, and design to enable the space to accommodate commercial kitchen use.

Kmart Building Remodel –This project involved the first phase of planning for the remodel of a 83,550 sf former Kmart building in Ontario, Oregon, to serve three separate tenant spaces. Work included site verification of existing plumbing, fire, gas, and HVAC components, creating as-built drawings, demolition plans, and modifying existing systems to prepare for the next phase of renovation.

Boise State University Honors College –Performed load calculations for HVAC system design for construction of a 235,498 sf dormitory for Boise State University.

El Rancho –Modifying a 2,511 sf commercial space in Boise to serve as a restaurant. This included on-site evaluation of existing structure and equipment, demolition plans, code analysis, and modification/design of plumbing, gas, and HVAC systems to accommodate restaurant use.

Lakemoor Office Building –Mechanical, hydronic, and plumbing plans for the initial phase of construction of a three story, 65,000 sf office building in Eagle, Idaho. The project included code review, equipment selection, and design coordination with other fields.