



**Mattson  
Macdonald  
Young** structural engineers



Kirk enjoys many activities outside of work, most having to do with his growing family. He plays basketball, rides his bike, and chases his kids around. When time permits, He is "taking a phased approach" to remodeling his house, and would love to build a custom home someday.

### **Kirk Davis, P.E.**

Kirk started as an intern at MMY in 2007, and had the benefit of working under several engineers before gaining professional licensure. His experience is broad, with projects ranging from residential remodels to new commercial buildings, and involving full building design to the design of individual components and equipment. He has also been involved in many re-use and renovation projects, including a few historically significant sites.

With the variety of projects, Kirk has gained experience in several materials, including steel, concrete, wood, masonry, and aluminum.

Kirk also has the benefit of field experience in the trades. Through school, he worked as a residential carpenter, which has given great insight to residential design. In 2011, he took a short leave to experience the commercial construction world, working for a large masonry contractor. This allowed him to see the work from "the receiving end" of the prints, and he recommends the experience it to any building designer.

Kirk enjoys a challenge, thriving on finding a solution that fits the budget or scope of the project. Some of his favorite work is in the conceptual phases of the project, where the project needs steering in the right direction. Often, this means plugging in different materials, considering different structural systems, and challenging the assumptions of design.

### **Education**

Masters of Civil Engineering – Norwich University 2012

Bachelors of Civil Engineering – University of Minnesota 2008

### **Registration and Memberships**

Licensed Professional Engineer - Minnesota

American Council of Engineering Companies/Minnesota (ACEC/M)

Minnesota Structural Engineers Association (MNSEA)

American Institute of Steel Construction (AISC)

American Concrete Institute (ACI)