

Project Data

Total Project \$150,000,000
Construction \$115,000,000
MEP Const \$28,000,000

Owner

University of Iowa
Iowa City, Iowa
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User

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Project Team

Principal in Charge
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Project Manager
Dwight Schumm, PE, LEED AP

Mechanical Engineer
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Jonathan Gettler, PE

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Russell Cooper, Principal
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Image compliments of LMN Architects

Project History

This project provides a new 188,000 square foot home for the University of Iowa School of Music after the previous building was destroyed by flood in 2008. The project includes a 700-seat concert hall, 200-seat recital hall, rehearsal rooms, organ rooms, classrooms, practice rooms, music library, and faculty studios.

This project involved many specialized elements requiring close collaboration with a wide variety of specialty design professionals including the following:

- Acoustical: Jaffe Holden, Norwalk, CT
- Theater: Fischer Dachs Associates, New York, NY
- Audio / Visual: Jaffe Holden, Norwalk, CT
- Lighting Designer: Horton Lees Brogden, Los Angeles, CA
- Energy Analysis: The Weidt Group, Minnetonka, MN
- Code Consultant: T.A Kinsman consulting, Seattle, WA
- Vertical Transportation: Lerch Bates, Minneapolis, MN
- Organ Designer: Orgelbau Klais Bonn, Bonn, Germany
- CFD Modeling: Price Industries, Winnipeg, Manitoba
- Fire Protection Analysis: Summit Fire Consulting, Minneapolis, MN
- Commissioning: Sebesta Blomberg, Cedar Rapids, IA
- Construction Manager: Mortenson Construction, Minneapolis, MN

Energy Design Goals

Overall, the building is projected to use 73% less energy than a minimally code-compliant building. The building's six-story atrium winds throughout, and a large east-facing glass façade required special attention and coordination during the design process. Due to the complex geometry of the spaces and unique application of some of the systems, computational fluid dynamics (CFD) models were used to fine tune the air distribution design. Revit and Navisworks software programs were used extensively for modeling the complex building and for clash detection.