

**Project Data**

Construction: \$12,000,000

Size: 70,000 sf

Project Type: Education

**Owner**

Waukee Community School District

Eric Rose

Project Manager

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**Team**

Principal in Charge

Dwight Schumm, PE, LEED AP

Project Manager

Marc Foster, PE

Mechanical Engineer

Tim Lentz, PE

Electrical Engineer

Marc Foster, PE, LC

Architect of Record

Invision

Des Moines, Iowa

Kerry Weig

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Design Architect

CANNONDESIGN

Boston, MA



Waukee APEX is an entrepreneurial, innovative approach to education that is designed to give high school students hands-on, real world experience in a profession of their choice. The project includes the construction of 70,000 square feet of dynamic-use new classrooms; including a maker workshop, bioscience lab, collaborative teaming spaces and administrative support spaces.

The scope of mechanical work includes installation of fire suppression systems, HVAC systems including heat recovery, chilled water, heating hot water, laboratory piping systems including compressed air, vacuum, gas, and domestic hot and cold-water systems.

The scope of electrical work includes the installation of LED lighting, networked lighting controls to the building management system, busway distribution and expansive floorbox layouts for flexibility in the learning environments. Normal and emergency power systems and an addressable fire alarm system.

Telecommunications and audio/visual systems for the project were also provided in accordance with district standards. The project includes a new cabling plant for the entire building.

