

Project Data

Construction: \$20,000,000

Size: 67,140 square feet

Cameras: 11

Owner

City of Cedar Rapids

Team

Principal in Charge

Dwight Schumm, PE, LEED AP

Project Manager

Kelly Harrer, PE, LEED AP

Mechanical Engineer

Blake Anderson, PE, LEED AP

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Electrical Engineer

Marc Foster, PE, LC

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Architect

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Fire Station Consultant

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Designed to Weather Any Storm

In June of 2008 floodwaters crested at a record high 31' (11' over flood stage), engulfing 1,300 blocks of the city, including the Central Fire Station. The resulting new 3-story fire station houses an Engine Company, Truck Company, Rescue Company, and Battalion Chiefs as well as serving as the City Emergency Operations Command Center.

The station was designed and constructed with the assistance of FEMA not only to serve as a working firehouse, but also to house the fire department's Administrative Headquarters as well as the Emergency Operation Center. Designed to operate "off-grid", this station can operate independently if a catastrophic event were to leave the city without water, gas, electrical or communications.

This new 67,000 square foot facility includes 8 bays, an underground parking garage, greatroom/kitchen, library, fitness room, 17 private bunkrooms, a training center, and built-in training features. Central Fire station received LEED Platinum certification by incorporating geothermal HVAC, low-SRI roofing, low-flow plumbing fixtures and regional materials.

