

FIRE

CHIEF

EVERY DEPARTMENT, EVERY LEADER

STATIONSTYLE
DESIGN
AWARDS
2012



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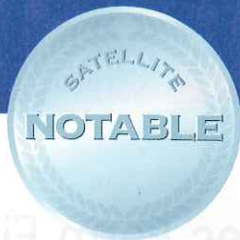
Route to:
Deputy Chief
Station 4

600-3**107

Disasters highlight the need for dependent care
Save green by going green
Acronym helps firefighters remember structure-fire dangers

NOVEMBER 2012

FIRECHIEF.COM



Iowa City Fire Station No. 4

IOWA CITY, IOWA

In the 30 years since the city last built a fire station, much has changed in fire services and building design. The new station would facilitate the expanded role that fire services fulfill today: fire prevention, rescue, and emergency services. Additionally, the environmental impact, energy efficiency and lifecycle costs were to be part of the design, detailing and selection of materials.

The selected site was challenging to use due to its odd shape, steep slopes, treed ravine, and neighboring residences, but was desirable due to its proxim-

ity to a major arterial intersection. This location provides direct, quick response to the new service area and a prominent visual presence.

The building embodies the two distinct elements of the program: living area and apparatus bay. The lower, human-scaled living area is the public face of the building. Its stepped rooflines and articulated forms provide a scalar transition to the larger, industrially scaled apparatus bay. The drive-through apparatus bay is behind the living quarters and nestled into the hillside. Simple



materials are used to evoke feelings of stability and durability. These forms and materials relate to nearby farmhouses and consequent agricultural structures. Geothermal HVAC, foamed-in-place insulation and daylighting make it a highly efficient facility.



ROHRBACH ASSOCIATES, PC

DESIGN TEAM: Steven A. Rohrbach, AIA, President, William T. Downing, AIA, Principal, Project Architect, John P. Gabrielson, AIA, LEED AP, Architect, and Owen J. Wagner, Associate AIA, LEED AP, Intern Architect, Rohrbach Associates, PC; Amy Infel PE, Principal, Marc Foster, PE, Electrical Engineer, and Justin Opperman, PE, Mechanical Engineer, Design Engineers, PC

FIRE CHIEF: Andrew Rocca

PROJECT AREA: 8,169 sq. ft.

TOTAL COST: \$2.4 million

COST PER SQUARE FOOT: \$294

COMPLETION DATE: October 2011