

# VYRON Project Profile

## MADISON FIRE STATION #11

Madison, Wisconsin



Solution – Greenheck



Architect – Plunkett Raysich Architects –Madison, WI



Contractor – Miron Construction– Madison, WI



Greenheck is the leading supplier of air movement and control equipment that includes fans, dampers, louvers, kitchen ventilation hoods, and energy recovery and make-up air units. Greenheck equipment is used in all types of commercial, institutional, and industrial buildings in applications from comfort ventilation to manufacturing processes.

Greenheck offers the most AMCA certified louvers in the industry with a wide range of air control and architectural product designs. Greenheck louvers are available in custom and standard configurations to meet the highest degrees of performance and aesthetic appeal. Choose from extruded aluminum or galvanized steel louvers with a variety of accessories, blade, head and sill designs to fit your application perfectly. Most products can be finished to match any facade.



### The Challenges

- Help save energy by reducing cooling costs where no natural shade exists.
- Create an appealing outdoor gathering area for the resident firefighters and public visitors.
- Design sunshades that contribute to the overall aesthetic goals of the architect and that are able to tolerate heavy snow loads in the winter.



Sun controls offer energy savings where no natural shading elements existed.

# The Greenheck Solution

- Custom architectural sunshades.
- Freestanding supports strategically located to compliment vertical sightlines.
- Custom 12" bullnose fascia wrapped around the perimeter to hide fastening hardware.
- Sunshades installed 25' above ground level to allow for open windows and overhead doors during peak hours.
- 6' extension with special aluminum support tied to the foundation to tolerate heavy snow loads.
- 25' x 35' freestanding sun controlled shades to provide shade over a patio and barbecue area during hot summer months.



The custom sun control offers protection from the sun for resident firefighters and the public in this outdoor gathering.



## Another Satisfied Customer

Pedestrians strolling past the sleek new station admire the friendly, sunshaded areas that project outward from the front of the building, and often stop to visit with firefighters under the sunshaded outdoor patio.

Double rows of trees have been planted alongside the building and when mature will further cool the site and make the building even more inviting.



*"A clever person solves a problem. A wise person avoids it." ~Albert Einstein*