

AUGUST 2005

# metal *architecture*

...visions & solutions for the design professional



## 2005 Design Awards



# design awards/Metal Buildings

2005



**About the products:** At the heart of the buildings construction is a 180' x 69' single - sloping clear span framing system with a 2:12 roof slope. It features concealed gutters, hidden fasteners, alternating pitches and a roof system that wraps down to become the walls in some areas. Kirby Building Systems manufactured the framing and roofing while Jenisys produced the metal wall panels.

The Roof-Lok Vertical Standing seam roofing panels are 16" wide with a 2" seam. They were formed from 24-gauge Galvalume-coated steel and have a Quicksilver paint finish. The striated wall panels are Jenisys' Select Series 12. Painted Denim Blue, they too were formed from 24-gauge Galvalume-coated steel.

## CDCH

Child Development  
Center of the Hamptons

Wainscott, NY  
Completed in  
September 2004

General Contractor:  
John Hummel  
Custom Builders  
East Hampton, NY

Architects: Bates Masi Architects,  
Sag Harbor, NY

Metal Building / Metal Roofing MFR.:  
Kirby Building Systems, Portland, TN

Metal Wall Panel Mfr.: Jenisys,  
Goodlettsville, TN

Erector: Advanced Building Systems,  
Stony Brook, NY

**About the project:** Talk about a challenge. CDCH needed a K-8 school building with a high degree of interior flexibility and an interactive quality that would appeal to its special needs students. It needed it cheap and it needed it fast. To the architect there was only one logical solution: a pre-engineered metal building system. With that decision made early on, much of the design team's time went toward finding the best system for the job and figuring out how to best to most effectively marry that system's parts with other desired materials.

To yield a custom form without custom costs, the architect worked closely with the metal building manufacturer on every aspect of the shell design. And in response to the client's desire to segment the interior according to shifting needs, the firm concentrated mechanical spaces, bathrooms and stairs within a central core, leaving the rest to be configured as needed using a kit-of-parts partition system based on gypsum board and rigid sound insulation. The ceilings are assembled of clear multi-cell polycarbonate panels set into a standard suspended ceiling grid.

An integral part of the design for the building was the use of wood and perforated metal shutters. They are used as both hurricane protection and as bulletin boards.

