2010 Modular Building Awards

Every year the Modular Building Institute sponsors an awards program that recognizes the best projects in modular building design and construction. Each entry was reviewed by a panel of industry and non-industry construction and code experts, architects and engineers, and design educators and others.

A full list of awards and case studies are available at: [www.modular.org/awards](http://www.modular.org/awards)

Temporary Education Less Than 2,000 Square Feet

**FIRST PLACE**
Name: Dearcroft Montessori School
Location: Oakville, Ontario, Canada
Company: ProVil Holdings Ltd.

Portable units were created to reach existing structures on this historic estate property and blend seamlessly with the upscale surroundings. Large thermopane windows, complete with insulated glazing, allow for an abundance of natural light. Energy-efficient lighting fixtures are utilized throughout. Interior walls are vinyl covered and feature mold-resistant systems. The facility is created with a transportable three-piece building composed of 10-foot x 36-foot units.

**HONORABLE MENTION**
Name: Orlik 2012 Project
Location: Gryfino, Poland
Company: Karm-Bad

The Orlik 2012 Project located, provides changing rooms for recreational and sport areas. The facilities, located throughout the country, are planned in preparation for the 2012 European Football Championships in Poland and Ukraine. The project aims to build sports facilities in communities in order to promote a healthy lifestyle among children and youth. The changing room facility was completed with wooden construction in a steel frame container. The structure is covered by profiled steel sheet with aesthetically pleasant colors.

Permanent Education Less Than 5,000 Square Feet

**FIRST PLACE**
Name: Tadpole Creek Montessori School
Location: Toronto
Company: NRB Inc.

The Tadpole Creek Montessori School can be found in a historic home on a quiet residential street in the Annex, a prominent and deeply rooted neighborhood of Toronto since the 1880s. When the school needed a classroom addition for the house, planners had to be sensitive to the neighborhood. NRB and the architect designed a small three-story addition to the school that would go into the backyard quickly and smoothly and blend with the architecture of the area. The interior is drywall, taped, filled and painted. The exterior is finished with a combination red brick and stucco to blend with the home's appearance.

**HONORABLE MENTION**
Name: Oak Grove Elementary
Location: Tampa, FL
Company: ModSpace, Southeast Modular Manufacturing

Oak Grove Elementary School was dealing with increased student enrollment and needed additional space. ModSpace delivered four 12-foot x 36-foot modules that provided permanent classroom space in a very limited area. The new classrooms are built with one hour fire-rated materials that reduced building placement requirements by 20 feet. The interior walls are designed with hard-board for durability and easy maintenance. The units incorporate clear-span construction to allow for an open classroom and future reconfiguration.
**Permanent Education 5,000-10,000 Square Feet**

**First Place**
Name: Fun Time Childhood Development Center  
Location: Naples, Fla.  
Companies: Williams Scotsman, Southeast Modular Manufacturing

The main entrance to the childhood development center is a foyer that is on the southwest corner of the building. The building is Type IIi non-combustible with a 140 mph wind load, steel wall and roof framing, and a poured concrete subfloor. It features Hardi-Lap horizontal exterior siding, a standing seam roof design, metal roof, French style bronze glass doors, colonial style windows with shutters, and a wraparound main entrance canopy with customized signage. The wall finish is knockdown texture with paint.

**Honorable Mention**
Name: University of Toronto Scarborough Campus  
Location: Toronto  
Companies: ModSpace

The University of Toronto Scarborough Campus was experiencing rapid expansion that required the finance and administration departments to be moved into new buildings to accommodate other staff needs within the main campus buildings. ModSpace provided three buildings that blended with existing campus buildings. The exterior appearance includes double-glazed aluminum, fixed and casement windows with a black anodized finish and bright silver prefinished steel horizontal rib siding.

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**Permanent Education More Than 10,000 Square Feet**

**First Place**
Name: Old Redford Middle School  
Location: Detroit  
Companies: Innovative Modular Solutions Inc., Whitley Manufacturing Co. Inc.

Officials at Old Redford Middle School wanted to create a totally separate 9th grade academy focusing on structure and discipline. The IRS team built a modular addition to the existing high school that includes nine large classrooms, two expanded classrooms for science/computer space, administrative space, cafeteria, warming kitchen, storage space, two restroom modules and a 10-foot wide corridor. Two covered walkways were site built to provide students with covered access to the existing building. The facade has a complimenting brick facade allowing it to blend in with the existing 56-year-old school.

**Honorable Mention**
Name: North Andover Early Childhood Center  
Location: North Andover, Mass.  
Companies: Triumph Modular, NR B Inc.

A custom-designed 26-module, 13,000-square-foot preschool is the new building for the Children United by Special Abilities program. The North Andover Early Childhood Center was designed and built according to exact specifications requested for the students. Every classroom has sink areas, observation windows, cubby alcoves and bathrooms. The center includes a nurse's station, which is a critical area for the health of the children. The facility also includes a lunch room, reception area and teacher/parent meeting rooms. Ceramic and mosaic tiles line the halls and bathroom walls.

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**Renovated Reuse**
Name: Benld Elementary School  
Location: Gillespie, Ill.  
Companies: M Space Holdings LLC, American Modular Corp.

Benld Elementary School was in desperate need of additional classroom and administrative space after a mine underneath the school collapsed, resulting in the building being condemned. When the school was no longer accessible, the elementary school students and staff were relocated to the Gillespie Middle and High School Campus and the district was forced to finish the school year on a split-day schedule. The school district was originally looking for six new modular buildings to replace the condemned facility. However, M Space suggested the school use an existing building. M Space provided the school with a complex that includes 26 classrooms, a media center, band and choir room, cafeteria, offices and restroom.

**Renovated Reuse**
Name: High Tech High  
Location: Chula Vista, Calif.  
Companies: Williams Scotsman

High Tech High Chula Vista is a LEED Gold candidate. It consists of eight buildings with 59 modules totaling 32,807 square feet. The facility is visually tied together with a steel canopy. The canopy, along with a storefront door system between the buildings, effectively adds 12,645 square feet of passively ventilated space to the project. A strong emphasis was placed on using renewable and recycled materials, such as Humacote SoundBarrier sheathing, sealed lightweight concrete floors and a sprayed polyurethane roof. The exterior elevation is comprised of HardiPlank and HardiPanel cement-fiber siding.