

AWCI's Construction Dimensions is proud to provide coverage about industry awards presented by associations and groups other than AWCI. On these pages you will learn about some of the industry best, brightest and most innovative.

What's printed here includes information received by this magazine prior to April 14, 2000. To have your awards published in next year's Industry Awards Issue, contact the editor prior to April 2001.

Industry AWARDS

ACHIEVEMENT AWARDS AMERICAN SUBCONTRACTORS ASSOCIATION ALEXANDRIA, VIRGINIA

State and local chapters of the American Subcontractors Association and outstanding individuals in the subcontracting community were recognized at the ASA Annual Convention with awards for their achievements. ASA has 63 state and local chapters across the country

The winners are as follows:

ASA-Capital City won the Community Service Award.

ASA of Colorado is ASA's outstanding chapter of the year.

ASA of Delaware Valley won the Excellence in Industry Relations Award.

ASA of Greater Phoenix won the award for Outstanding Education Program Individuals.

Judith A. DeAngelo of JADE Carpentry Contractors, Chicago, is ASA's outstanding chapter president.

Mark D. Gruskin, Woodrow & Gruskin, EC., Denver, won the Merit Award for Excellence in Government Relations.

Fred Levinson from Levinson & Santoro Electric in College

Point, N.Y., is ASA's government relations person of the year. Debra Miller from the ASA of Colorado won the Outstanding Chapter Executive Director Award.

Richard Usher of Hill & Usher Insurance & Surety, Phoenix, won the Merit Award for Excellence in Government Relations.

NATIONAL CONSTRUCTION STUDENT COMPETITION ASSOCIATED GENERAL CONTRACTORS OF AMERICA ASSOCIATED SCHOOLS OF CONSTRUCTION WASHINGTON, D.C.

The Associated General Contractors of America, along with the Associated Schools of Construction, recognized six teams of college students for their outstanding performance at the second annual National Construction Student Competition.

The NCSC program enables AGC- and ASC-affiliated undergraduate construction students to participate in bidding scenarios that simulate the real-life process. The teams are judged on presentation skills, creativity understanding of sound construction techniques and thoughtful methodology.

In the 2000 ASC-AGC National Construction Student Competition, the winner in the commercial division is the **Milwaukee School of Engineering**. The **University of Washington** was the second-place winner.

2000 CONVENTION

In the design-build division, **Iowa State University** took home first place, and **Cal Poly** won second place.

DESIGN CONTEST
DRYWALL INFORMATION TRUST FUND
SARATOGA, CALIFORNIA

The Drywall Information Trust Fund, along with the Northern California Drywall Contractors Association, for the last 20 years has sought out the best design by an architect and work by a drywall contractor.

The best residential project is the **Felton residence** in Berkeley, Calif. The drywall contractor is **Pace Drywall** of Concord, Calif.; the general contractor is **Canyon Construction**, and the architect is **Jarvis Architects** of Oakland, Calif.

The best commercial project is **3080 North First St.** in San Jose, Calif. On this prize-winning job, **Magnum Drywall** of Campbell, Calif. was the drywall contrac-



From left to right: **Jason Kaldis** of **Jarvis Architects**, **Alan Mauldin** of **Pace Drywall**, **AWCI President Bob Geyer**, **Gary Robinson** of **Magnum Drywall**, and **Keith Pecoraro** of **Devcon Construction, Inc.**

tar, and **Devcon Construction, Inc.** of Milpitas, Calif. served as both general contractor and architect.

2000 TILT - UP ACHIEVEMENT
AWARD
TILT-UP CONCRETE ASSOCIATION
MT. VERNON, IOWA

Each year, TCA honors projects that show outstanding achievement in tilt-up construction. The winning entries illustrate the variety, beauty and flexibility of the tilt-up construction concept, as well as tilt-up's ability to get the job done faster and for less money. Emphasis is placed on projects that introduce new building types utilizing tilt-up concrete methods, advance industry technology, or provide a unique solution to a building problem.

Here are the winners:

Price Waterhouse Coopers Training Center — The 157,500-square-foot, 61-foot high, four-story Price Waterhouse Coopers training facility in Tampa, Fla., is an example of tilt-up being used to build taller, multistory upper-end commercial structures. Construction began in late May, 1998 and was completed by mid-December of that year. The tilt-up portion of the work was completed in just eight weeks. The tilt-up subcontractor was **KHS&S Contractors** off Tampa, Fla., an AWCI member that is also an AWCI award winner this year.

ABC Distribution Center — At 978,981 square feet, this distribution center located in Hialeh, Fla., is one of the largest tilt-up structures in Florida and the largest tilt-up project undertaken by tilt-up subcontractor **Tilt-Con Corporation** to date. Tilt-Con, headquartered in Altamonte Springs, Fla., erected the 349 panels needed for the ABC project in just 12 weeks.

America Online Creative Center One — One would expect one of America's premier high tech companies to have state-of-the-art office buildings,

and America Online's new office building in Dulles, Va., does not disappoint. AOL's 240,000-square-foot office building started life as a tilt-up 183,000-square-foot concrete box warehouse with a large open high bay storage area and a smaller office and low bay storage area. The exposed steel rafters and some of the industrial ceiling lighting of the warehouse are still there, and visible, but inside this shell a variety of specialized use areas have been created. Everything is at an angle, everything is sleek and modern. Free form shaped dropped ceilings in some areas create intimacy, while the two story high ceilings in the bulk of the space create an airy feel.

Beacon Point — Beacon Pointe, an office building in Weston, Fla., was created by two tilt-up construction firms working together. This 102,732-square-foot building was done for \$57 per square foot. The tilt-up subcontractor was **Woodland Construction Co.** of Jupiter, Fla. Woodland concentrated on proper construction procedures and finishes. **ProDeCon, LLC** of Norcross, Ga., provided coordinated field drawings, including all geometry reinforcing, embeds, lifting and bracing design. By working together, these two firms were able to further shorten the time needed to construct such a distinctive and quality building.

Commerce Crossings Sign — Perhaps the most unusual winner this year is a limestone monument-like sign that is the first impression of the Commerce Crossings business park in Louisville, Ky. **AML, Inc.**, general and tilt-up contractors from Floyds Knobs, Ind., suggested that the sign be built with tilt-up panels. There were no limestone joints, just the vertical panel joints and some sawn joints on either face of the structure.

Dixie Center — Unique curved tilt-up panels, the first known curved panels in Utah, highlight the modernistic Dixie Center conferencing and convention center located at St. George, a rapidly growing desert community in the southwest corner of Utah. The

design incorporates the use of integrally colored, cast-on-site panels that are used as both exterior and interior finishes, both faces (cast up and cast down) being used as finished surfaces. General and tilt-up contractors were **Herm Hughes & Sons, Inc.**, of North Salt Lake, Utah.

Elamex Manufacturing Facility — From Mexico comes an award-winning design for a 210,000-square-foot manufacturing facility in Juarez, Mexico. The entire job, from the design and engineering to the tilt-up and the general work, was done by **Constructora Lintel, S.A. de C.V.**, of Ciudad Juarez, Chihuahua, Mexico. The front of the building is highlighted by a checkerboard pattern composed of panels with alternate white and sand color. At the entrance there is a modernistic wing-shaped canopy that curves forward from the building and points toward the right.

Kanata North Technology Park, Phase II — An award-winner from Canada is the 57,600-square-foot Kanata North Technology Phase II office building in Kanata, Ontario. General contractor **Colonnade Development** of Napean, Ontario, put this entire four-story structure up in one month. From groundbreaking to tenant move-in, the project took a total of 24 weeks, breaking all local records. The tilt-up subcontractor for Colonnade was **StonEng Construction** of Napean.

Mount Pleasant Towne Centre — This project, in Mount Pleasant, S.C., stands out from the crowd because it is basically the central business district of an entire town. There are 60 storefronts in the development, which totals 425,000 square feet. The Mount Pleasant Town Centre project used 298,835 square feet of tilt-up, including 734 tilt-up panels and more than 20,000 yards of concrete. The tilt-up subcontractor was **Citadel Contractors** of Raleigh, N.C.; general contractor was **Keene Construction Co.** of Maitland, Fla.

Supercom Computer Facility Fremont, Calif. — The

design criteria for this project was a need to reflect the modern, high-tech image of a growing computer company. The 82,160 square foot building was completed in March 1999 by **Balch Enterprises, Inc.**, of Hayward, Calif.

The building is on two levels: a 72,048-square-foot first floor and a 10,112-square-foot second floor. The design is highlighted by smooth rounded corners and a bold entry with massive rounded columns. All of the rounded corners were cast as part of the tilt-up panels. Ribbon glass, used both horizontally and vertically, also contributes to the structure's modern look. The color is a uniform, clean white.

The Summit in Lansing, Mich. — Family oriented sports activities are the name of the game at Capital Centre, a sports, business and family entertainment village in mid-Michigan. The Summit building, the second sports-related building in the Capital Centre development, is a tilt-up winner this year. The general and tilt-up contractor was **L.D. Clark Building Co.** of Lansing, Mich. The Summit building has 145,000-square-foot slab-on-grade and an additional 31,000-square-foot second floor area for a total of 176,000 square feet. It was built for \$50 per square foot.

To nominate your project for the 2001 TCA Annual Achievement Awards competition, you must be a TCA member in the professional firm, contractor, local or national associate member category to be eligible.

1999 DESIGN AWARDS
STEEL JOIST INSTITUTE,
MYRTLE BEACH, S.C.

The Design Awards Program of the Steel Joist Institute recognizes outstanding design in steel joist construction. Each first-place team received a cash prize and a

custom-designed, three-dimensional award depicting the use of steel joists. A panel of outside professionals evaluated the nominations based on flexibility, speed of construction, cost and aesthetics.

The first-place winner in the Unique Projects Category is **Great Lakes Crossing Mall** in Auburn Hill, Mich. The structural engineering firm was **Ehlert/Bryan, Inc.**, of Southfield, Mich., and the steel fabricator was **Zalk Josephs Fabricators, L.L.C.** of Stoughton, Wis.

Flexibility was the primary reason for using steel joists in this project. The mall's building "shell" was constructed before any retail tenants had signed leasing agreements. By using steel joists, the owner can reconfigure retail spaces based on tenant needs. For example, the open area created by the joists allows signs, graphics and lights to be hung from the roof structure. Steel joists also add visual character to different sections of the mall. Some of the unique effects include exposed steel joists and wood beam supports (for a rustic look), custom-designed joist girders with curved bottom chords, and high-pitched roofs.

In the Non-Industrial Products Category the winning project is the **Freedom Aquatic Center** in Prince William County, Va. **Adtek Engineers, Inc.** of Fairfax, Va., was the structural engineering firm on the project.

Steel joists enabled the architect to accentuate the structural system of this recreation complex, touted as the largest facility of its type on the Eastern Seaboard. Spans



**Great Lakes Crossing Mall
Auburn Hills, Mich.**



**Freedom Aquatic Center,
Prince William County, Va.**

of up to 130 feet were used in the gymnasium and pool areas. The majority of steel joists were left exposed to create a repetitive grid pattern. Crews adjusted joist depths and panels in areas with shorter spans to maintain the symmetry of the pattern. The joists and girders are painted to coordinate with the rest of the building's interior decor.

An honorable mention award was given to **The Tousey Motor Sports Building** in Vadnais Heights, Minn. The structural engineer was **Larson Engineering of Minnesota**, located in White Bear Lake, Minn. The large open space created by steel joists allowed installation of a unique conveyor system around the perimeter of this store's two-story showroom. Motorcycles, snowmobiles and other products are displayed above the sales floor and in the floor-

to-ceiling windows. The products can be easily moved and seen from anywhere in the store, and the open joist design doesn't obstruct the customer's view.

THIRD ANNUAL INTERNATIONAL
STUDENT DESIGN COMPETITION
STRUCTURAL BOARD ASSOCIATION
TORONTO, ONTARIO

Timothy Moon, a student at the University of Oregon, won the third annual International Student Design Competition, sponsored by the Structural Board Association. Moon designed a community bookstore with natural lighting, open spatial planning and efficient wood-building materials. The SBA awarded Moon with a \$1,500 prize, and Moon's school received a \$1,000 prize.

Moon's winning design made extensive use of engineered wood products, including oriented strand board. His Eugene Community Bookstore has roof beams spanning up to 83 feet supporting an interior that essentially is a large room with a mezzanine surrounding two sides of the wall to provide open access and circulation.

Runner-up was **Magdalena Ukrainska** of the Engineering college of Silesia in Poland. Her design, The Senior Club, was a center for the elderly. It consisted of modules that could be used for different purposes or opened for larger gatherings. Her prize is \$750, with an additional \$500 for her school.

In third place was **Antoine De Hon** of the University of Texas at Arlington School Of Architecture. His New Community Business Incubator for West Dallas rehabilitated an industrial building with a facade of bright multicolored pal-

lets and canopies providing shade over an adjacent sidewalk. De Hon's prize is \$500, and \$300 goes to his school.

Honorable mention went to a group of students from Tongji University in Shanghai, China. **Han Jienan, Yang Jue, Zhang Xu** and **Peng Yuan** designed a complex serving as a tea processing mill with recreational facilities and an assembly place for the local populace in the southern Chinese province of Yunnan. Made of bamboo and OSB, it is modeled after the traditional architecture of the Dai ethnic minority.

**1999 TECHNOLOGY AWARDS
OMNOVA SOLUTIONS INC.
FAIRLAWN, OHIO**

Omnova Solutions Inc. presented its 1999 Technology Awards at ceremonies at the National Inventors Hall of

Fame in Akron, Ohio, March 30. This annual award program recognizes exemplary technology-based contributions by top scientists and technical and product development people across the country. Omnova Solutions is a technology-based company with approximately \$770 million in sales and 2,700 employees worldwide. It is a major innovator of decorative and functional surfaces, emulsion polymers and specialty chemicals.

In the category pertinent to the wall and ceiling industry, New Product Development/Commercialization, Charles Wood and Roman Zorska from Performance Chemicals won for their product, SB latex for light weight gypsum wallboard. This team developed a proprietary styrene/butadiene latex having beneficial attributes in the manufacture of gypsum wallboard. Performance Chemicals segment facilities are located in Akron and Mogadore, Ohio; Chester, SC.; and Calhoun, Ga. 