

PCI Launches eLearning Center

CHICAGO, ILLINOIS

The **Precast/Prestressed Concrete Institute (PCI)** has launched the PCI eLearning Center, a free 24-hour online education resource providing architects and engineers an opportunity to earn continuing education credits on demand.

The PCI eLearning Center is the first education management system dedicated to the precast concrete structures industry. Visitors can create a personal profile and gain access to a growing number of online courses. Each course includes a webinar presentation, pertinent reference materials and a quiz. All courses offer continuing education credit in all 50 states and are registered with organizations that include AIA, NCEES and USGBC.

"PCI is proud to offer this outstanding new program to design professionals," said PCI President James G. Toscas, P.E. "They can easily log on, view a one-hour webinar course at any time, and then complete a quiz for continuing education credit."

Seven courses are available, with new courses added frequently. Several current courses focus on precast concrete's role in sustainability. Current course offerings comprise:

1. Designing with the 7th Edition *PCI Design Handbook: An Introduction* (1 PDH)
2. Life Cycle Assessment and How It Can Contribute to Sustainable Design (1 GBCI CE/1 PDH/1 LU)
3. Parking Structures: Best Practice to Design, Build and Maintain (1 PDH/1 LU)
4. Quality Assurance - Your Lifeline to a Better Project (1 PDH/1 LU)
5. Precast Concrete - Providing Aesthetic Versatility in Color, Form, and Texture (1 PDH/1 LU)
6. Designing Building Envelopes to Meet Sustainable and Aesthetic Goals - Part I (1 PDH/1 LU)
7. Designing Building Envelopes to Meet Sustainable and Aesthetic Goals - Part II (1 PDH/1 LU)

Check out the PCI eLearning Center at www.pci.org/elearning.



Dorms To Use Horizontal Load-bearing Enclosure Panel

DENVER, PENNSYLVANIA

Montclair State University dorms will be clad with load-bearing, thermally efficient CarbonCast walls provided by **High Concrete Group LLC** of Denver, Pa. The wall system encapsulates three inches of rigid foam insulation between concrete wythes secured with carbon-fiber shear truss to deliver a uniform R value of 15. The interior wythes of these architecturally detailed horizontal panels are thickened to 6" for to accommodate their unique structural load-bearing condition.

The design architect on the project is **Design Collective Inc.** of Baltimore, Md. while **PS&S** of Warren, N.J., is the architect of record. Terminal Construction Co. of Wood-Ridge, N.J., serves as general contractor.

EnCon Utah Awarded Correctional Project

TOOELE, UTAH

EnCon Utah has begun erection of precast concrete components for the Tooele County Correctional Facility project. The design-build team on the project also includes construction-services company Sahara Inc. in Bountiful, Utah, as well as **GSBS Architects** and **DUNN & Associates Engineers**, both in Salt Lake City, Utah, and **EnCon Design LLC** in Denver.

EnCon Utah is serving as a member of the design team, participating in budget decisions and working with the design-build team to maintain budget and schedule parameters. The project comprises 273 precast pieces (57,000 square feet) of wall panels, consisting of interior solid precast wall panels and exterior CarbonCast insulated load-bearing structural shear wall panels — the first to be used in Utah. The panels will provide an R-19 steady-state panel with no thermal bridges.

Oldcastle Adds Two Correctional Projects

TELFORD, PENNSYLVANIA

Oldcastle Precast Modular is providing modular precast concrete prison cells and building components for two projects underway. They are the \$71 million, 330,000-square-foot expansion of the Chatham County Detention Center in Georgia and the new State Correctional Institution Graterford East and West project in Pennsylvania. The \$365 million prison will be one of the largest correctional projects in progress in the United States.

The Chatham County project is being directed by Hunt/Mills, a joint venture (Hunt Construction Group and WG Mills). The center was designed by Pennsylvania-based L. Robert Kimball & Associates. The expansion will add 852 inmate beds in two- and four-level housing pods to the center, which currently has 1,224 beds. The added facilities are needed to eliminate temporary housing units used for an overflow population of inmates.

Oldcastle Precast Modular is supplying fully outfitted rear-chase precast cells, which will include electrical fixtures, detention furniture; plumbing fixtures and interior wall paint. Each of the 280 two-bunk precast cells is designed with a rear chase so maintenance personnel can access mechanical systems without disrupting daily routines. Oldcastle will also supply the unique 144 rear-chase, four-bed dorm rooms, 80 multi-purpose rooms and 88 plenum modules.

For the Graterford project, Oldcastle will design, engineer, manufacture and erect 2,112 precast concrete cells and 68 bare shower modules for the main housing units, which will incorporate single- and double-occupancy cells. The cells include a secure ceiling monolithically cast with the upper cell modules to prevent inmate access to the mechanical areas. Oldcastle also is installing detention furniture, sliding door frames, lights, window, interior wall paint, exterior wall insulation and a formliner finish.

Walsh Construction and Heery International (Walsh/Heery Joint Venture) are the principal builders on the project, while the project architects are **Astorino, Heery Design Group** and **KZF Design**. The project is part of a state-wide initiative to add 9,000 beds to the state prison system. The prison, designed to be the state's first to be LEED-certified, is tentatively planned to open in 2014.

Finrock Builds Parking for Virginia Development

ORLANDO, FLORIDA

Finrock Construction Inc. has been commissioned by Edens & Avant to deliver a parking garage for Mosaic, a 31-acre mixed-use development designed to revitalize the Merrifield area of Fairfax County, Va. Mosaic will contain more than 400,000 square feet of retail, 1,000 residential units, 65,000 square feet of office, two parks, two boutique hotels and an eight-screen arthouse cinema.

Finrock is providing complete design-build services for the \$12 million, seven-level garage. Construction began in March and will be completed in November.

Tindall Receives Certification For Wind-Tower Base

SPARTANBURG, SOUTH CAROLINA

Tindall Corp. has received certification from Germanischer Lloyd for the Atlas CTB Concrete Tower Base. The certification allows the wind industry to extend hub heights above 100 meters to generate more power using the precast concrete tower base.

The Atlas CTB met guidelines for erection of a prototype based on a plausibility check of the design documentation. "The Atlas CTB will enable our customers to take advantage of stronger, steadier winds that generate more renewable power," says Chairman William Lowndes III.



High Concrete Group Selected For Dulles Metrorail

DENVER, PA

High Concrete Group LLC is producing architectural-cladding enclosures for the new Dulles Corridor Metrorail Project. Planned for completion in 2013, the 325,000-square-foot transit project includes thermally efficient precast enclosures for five new metro-station buildings, six entrance pavilions and two ventilation structures. Erection started this spring.

The cladding will feature a utility-size brick-veneer finish in two colors. About one third of the panels consist of CarbonCast insulated-sandwich designs that provide continuous insulation for thermal efficiency. High Concrete Group was awarded the \$20-million contract by **Dulles Transit Partners, LLC** of Vienna, Va., which is the project designer, engineer and general contractor.

Stresscon Building Museum & Discovery Science Center

DENVER, COLORADO

Stresscon Corp., an Encon Company firm, erected the precast concrete walls for the new Fort Collins Museum & Discovery Science Center. Hensel Phelps, the general contractor for the project, is constructing the building for the city of Fort Collins and using the EnCon Companies' 7-inch-thick Structural Plus Walls (cinnamon color) for the shell.

The walls, manufactured at the Stresscon plant in Dacono, Colo., consist of 97 individual precast concrete sections, the largest of which is 42 feet tall. Construction on the walls was completed six days ahead of schedule in January. The unique building is laid out like a piano, creating complex angles for serpentine walls, but the wall panels avoided any field issues.



Metromont Acquires Royal Concrete Concepts

GREENVILLE, SOUTH CAROLINA



— Wally Sanger

Metromont Corp. has acquired a majority interest in **Royal Concrete Concepts (RCC)** in West Palm Beach, Fla. The transaction will leverage each firm's market-leading technologies to create broader solutions for a growing customer base in the eastern United States and overseas.

Royal Concrete Concepts was founded in 1989 by Wally Sanger and manufactures custom precast concrete modular building systems for residential, educational, commercial and military projects. It also provides turn-key construction services for both domestic and international markets.

Waffle-Crete Portable System Aids Haiti Reconstruction

HAYS, KANSAS

Construction Demathieu & Bard (CDB) has selected the Waffle-Crete portable precast concrete building system produced by **Waffle-Crete International Inc.** as one of the core elements of its strategy for Haiti's reconstruction effort. The island was struck by deadly earthquake in January 2010, followed by widespread flooding in November.

The system has passed rigorous testing for extreme wind and seismic loads, a prerequisite for its selection. A key benefit is that Waffle-Crete wall and roof panels can be cast directly on the job site one day and erected the next. Due to these benefits, the company focuses its marketing efforts exclusively on disaster-resistant construction.

A.L. Patterson Forms Precast Division

FAIRLESS HILLS, PENNSYLVANIA

A.L. Patterson, Inc. has created the **ALP Precast Division** and named Skip Francies as its president. Francies, a 40-year veteran of the precast concrete industry and the holder of 14 patents, will be responsible for sales, marketing, product development and services throughout North America.

Gate Concrete Creates Uniform Name

JACKSONVILLE, FLORIDA

Gate Construction Materials Group has announced that all eight of its manufacturing facilities will operate under the name of **Gate Precast Co.** The company's two structural-precast concrete plants in Jacksonville, Fla., and Pearland, Texas, had used a different name since 1980. The name change will lead to a more cohesive marketing and sales approach for the group, a spokesman said.

Wells Concrete Names New CEO

WELLS, MINNESOTA

Dan Juntunen has been named president/CEO of Wells Companies, including **Wells Concrete**, effective immediately. He joined the company as Chief Financial Officer in March 2007. The financial/accounting role Dan vacated will be filled at a later date as he completes his transition.



High Concrete Group Installs Water Delivery Equipment

DENVER, PENNSYLVANIA

High Concrete Group LLC, an affiliate of High Industries Inc., has invested \$275,000 in high-efficiency water heating, chilling and recovery equipment for its Denver, Pa., headquarters' manufacturing operations.

The system delivers water to the company's concrete batching operations to achieve ideal concrete-casting temperature throughout the year. In cold weather, it also supplies process water for heat-curing of the company's precast double tees for parking garages.

"This new system conserves precious water and energy, allowing us to hit our emissions reduction targets while setting the stage for growth says Rick Scheetz, company president. High Concrete Group has set a target of reducing emissions at its Denver facility by more than 18% compared to its 2007 emissions.

Metromont Names New Vice President

GREENVILLE, SOUTH CAROLINA



— Chris Pastorius

Metromont Corp. had named Chris Pastorius as its vice president of sales and estimating. Prior to joining Metromont, Pastorius spent 20 years with Oldcastle Precast, holding several senior management positions. He also serves as a Board member for the Prestressed/Precast Concrete Institute and is the immediate past-chairman of AltusGroup.

Enterprise Precast Concrete Hires Regional Director

KANSAS CITY, MISSOURI



— Dirk McClure

Enterprise Precast Concrete Inc. has opened a sales office in Kansas City and hired Dirk McClure, LEED AP, Assoc. AIA, CSI, to manage the sales territory of Missouri, Kansas, and Oklahoma. McClure will work with John Arehart, Enterprise's vice president and general manager, to develop sales and client relationships.

Nitterhouse Adds To Sales Staff

CHAMBERSBURG, PENNSYLVANIA



— Justin J. Lyons

Justin J. Lyons will be developing sales for **Nitterhouse Concrete Products** in the New Jersey and New York City areas, replacing Daryl S. Wenger,

who has retired. Lyons has been with Nitterhouse for five years and formerly worked as a union contractor specializing in precast concrete erection.

ASCC Elects Officers and Directors

ST. LOUIS, MISSOURI

Clay Fischer, president of Woodland Construction Co. in Jupiter, Florida, has been elected president of the American Society of Concrete Contractors for 2011-2012.

Elected vice presidents were Scott Anderson of Houston, Texas; Chris Plue of San Mateo, California; Mike Poppoff of Moxie, Washington and Thomas Zinchiak of Woodbine, Maryland. Harry Moats of Marietta, Georgia, was re-elected secretary/treasurer. Newly elected directors comprise William Bramschreiber of Pasadena, California; Chris Forster of Santa Monica, California; and Rocky Geans of Mishawaka, Indiana.

The Decorative Concrete Council, a specialty council of the ASCC, re-elected Frank Lewis, regional manager of The Coatings Group in Arlington, Texas, as council director. Paul Schneider of Cincinnati, Ohio, was re-elected secretary/treasurer.

The ASCC Safety & Risk Management Council elected Steve Pereira of Professional Safety Associates in Denham Springs, Louisiana, as council director and Scott Winkler of Ceko Concrete Construction in Hamilton, Ohio as secretary/treasurer.

For more information visit www.ascconline.org.

Metromont Supplies Wall Panels for Advance Education HQ

ALPHARETTA, GEORGIA

Advance Education (AdvancED), an educational accreditation organization, is using Carboncast high-performance insulated wall panels from **Metromont Corp.** in the construction of its \$10.5 million, 60,000-square-foot corporate headquarters. The precaster will supply 15,100 square feet of wall panels to contribute to energy and cost savings while enhancing aesthetics.

Each exterior precast panel is comprised of inner and outer concrete wythes connected by epoxy-coated fiber grid for shear transfer. The wall panels incorporate 4 inches of EPS insulation for an R-12 value to meet ASHRAE-90.1 requirements for a mass wall with continuous insulation.

The façade incorporates both a retarded and sandblasted finish. For dramatic entryways, polished granite veneer was cast into the wall panel and attached with stainless steel pins. Casting the granite into the wall at the plant sped the schedule and reduced the number of workers on site. The panels were fabricated at Metromont's Hiram, Ga., plant.

The design firm is **Warren Epstein & Associates Architects Inc.** in Atlanta, while R. J. Griffin in Atlanta is serving as general contractor.

Spancrete Adds Two To Sales Force

WAUKESHA, WISCONSIN



– Augustine Chung



– Clinton Krell

Spancrete has added Augustine "Auggy" Chung and promoted Clinton Krell to fill out its sales team in Wisconsin and Illinois. Chung, LEED AP, will serve as a sales manager for the Chicagoland area. Krell, who joined Spancrete 11 years ago, was named sales representative covering southwest Wisconsin. Most recently he served as the director of precast project development and education.

Submit your headline news for consideration in a future issue of *Ascent* to Whitney Stephens at wstephens@pci.org.


Buildings Industry SmartBrief

Buildings Industry News

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