

Stresscon Project Earns NDRM&CPA Gold Star Award**DENVER, COLORADO**

The CHI St. Joseph's Health Hospital & Medical Office Building has earned a Gold Star Award as the top project in the Commercial Building Category in the 2014 North Dakota Ready Mix & Concrete Products Association Gold Stars Awards Program (NDRM&CPA). The NDRM&CPA recognizes North Dakota projects for excellence in concrete and masonry design and construction.

The hospital project was submitted to highlight the use of architectural precast products, as well as high performance insulated wall panel systems accommodating high energy efficiency requirements. Located in Dickinson, ND, CHI St. Joseph Health's state-of-the-art facility includes a 25-bed critical access hospital with a level IV trauma center, and all clinic locations housed in one building. The project received the award based on the notable continuous insulation building envelope, complexity of architectural features, and the logistical challenges encompassed with shipping and erecting the precast pieces 670 miles from Stresscon's Colorado Springs, CO plant.

A collaborative design-build team including Davis Partners Architects, JE Dunn Construction, and Stresscon Corporation participated in creation of the 104,000 square foot facility. The precast components were erected over 26 days.

Stresscon provided 331 precast pieces, including the high performance thermally efficient precast wall panels for the project. The precast panels feature an acid etch surface, two colors, architectural banding, reveals, and protrusions. With edge to edge insulation, the wall panels achieve an R-value of 20, well in excess of the ASHRAE 90.1 requirements for all wall systems.

**Capitol Towers – Charlotte, NC****CHARLOTTE, N.C.**

Metromont Corporation is finishing up the new Capitol Towers in Charlotte, N.C.. The project was designed by the architect firm LS3P Associates, and is owned by Lincoln Harris Property.

The office building is a 10 level office tower erected with 430 pieces of precast concrete for a total of 85,000 square feet of precast. The project incorporated architectural cladding, an acid etched finish on the precast panels, and incorporated an additional 4,819 square feet of cast-in granite.

The parking deck that was included as a part of this build will include 1,600 parking spots. The structure is comprised of 1,411 pieces of precast for a total of 522,009 square feet of precast. This includes 114,637 square feet of field-topped double tees and 407,372 square feet of field-topped double tees.

**Clark Pacific Selected to Build New Sacramento Kings Arena****SACRAMENTO, CALIFORNIA**

West Sacramento-based Clark Pacific, has been awarded the contract by Turner Construction to deliver the precast scope of work for Sacramento Kings' Entertainment and Sports Center (ESC) in Downtown Sacramento. Clark Pacific's contract for the new arena includes stadia for the lower and upper bowls, suite-seating areas, entrance/exit walls, and cast-in-place steps on the stadia. The new ESC is projected to cost \$477M, seat 17,500 guests and plans call for it to achieve LEED Gold Certification. The new arena is slated to open in September of 2016.

"We are excited and very proud to be part of this important Sacramento project that will be a great economic driver for the whole region," said Don Clark, president for business development of Clark Pacific. "We are especially proud to be working with Turner Construction on another iconic project that is a testament to the dedication of local leaders who have helped drive the vision for what is possible for this City."

In the stadium, there will be close to 700 pieces of precast. Typical panels are 30-38' long and weigh up to 23,000 lbs. There will be over 1000 concrete steps on the project as well.

When complete, the redevelopment project will cover four city blocks in the heart of downtown Sacramento and serve as a major catalyst to revitalize the area. In addition to the arena, which will be a multi-use facility containing a state-of-the-art practice facility and administrative offices, the project will have 1.5 million square feet of additional development: 475,000 square feet of office space; 350,000 square feet of retail; a 250-room hotel; and 550 residential units.



Major Expansion for Martin's Famous Pastry Shoppe Campus

CHAMBERSBURG, PENNSYLVANIA

Nitterhouse Concrete Products is completing erection on the 155,000 square foot bakery and warehouse facility for Martin's Famous Pastry Shoppe. This addition is being constructed entirely of precast concrete components produced by Nitterhouse Concrete Products. Structural components include: precast concrete columns, beams, slabs, stairs, and integrally insulated wall panels. While the insulated panels are manufactured in a light tan exterior; all interior components are white concrete with a unique, smooth finish; minimizing maintenance and never requiring painting. Erection required a total of 80 days, and utilized a 300 ton crane setting 947 total precast components.

The project was designed and engineered by the full service Chambersburg architectural firm, Newcomer Associates, Architecture + Engineering. This project is the eighth major addition to the Martin's facility and each addition has been constructed using precast concrete.

Precast concrete was selected for the wall panels because of its durable concrete finish on both the inside and outside faces. All inside surfaces are white concrete, which was hand-rubbed to obtain a USDA food safe finish. The expected date of completion for the entire project is projected for August 2015.



Gate Precast Co. Adds to Hillsboro Staff as Southwest Business Grows

HILLSBORO, TEXAS



Michael Trosset



Trae Morton



Michael Campbell

Gate Precast Co.'s Hillsboro, Texas, office has added three new team members to support a period of steady growth in the company's Southwest Region. Michael Trosset is the new Southwest Division sales and marketing manager, while Trae Morton and Michael Campbell have joined the Estimating Department. The appointments continue a pattern of growth at the Hillsboro facility.

"These individuals provide us with a young, dynamic team that will give us the longevity we need as we grow our business in the Southwest region," said Jim Lewis, Gate's director of Architectural Systems. The new team members will

operate in the vibrant markets of Texas and Oklahoma, where the Hillsboro office has provided design-assist collaboration on such high-profile projects as the Perot Museum of Nature and Science in Dallas, Nordstrom store in The Woodlands, Texas, and Cook Children's Medical Center South Expansion currently under construction in Fort Worth.

New AltusGroup tech brief outlines precast wall sustainability benefits

BETHLEHEM, PENNSYLVANIA

AltusGroup, a North American network of 19 precast concrete manufacturers, several International Affiliates and select Innovation Partners has published a technical brief outlining how insulated precast wall systems provide a sustainable envelope solution by allowing buildings to reduce energy usage and costs.

The brief also discusses the resiliency benefits of the concrete enclosure systems. Precast concrete – and specifically CarbonCast technology featuring carbon fiber grid wythe connectors – is designed to withstand harsh weather and remain durable over time to extend the product's lifespan. This, along with sustainable manufacturing practices, can reduce a building's carbon footprint while enhancing long-term cost effectiveness.

The five-page PDF also highlights the evolution of building standards such as the U.S. Green Building Council's LEED (Leadership in Energy & Environmental Design) certification and Green Globes International (GGI) and how they influence product selection.

Six other AltusGroup technical briefs are available on topics including insulation, thermal performance and designing for educational applications.

Spancrete Opens Facility in Georgia to Serve Southeast

WAUKESHA, WISCONSIN

Spancrete®, expanded its Southeastern Operations by opening a new production facility in Newnan, Georgia, in January of 2015. This new facility provides service to the entire Southeast with industry-leading building solutions, including the Spancrete Wall Panel Building System.

In addition to offering premier precast structural and architectural concrete products, Spancrete also provides personalized, expert guidance throughout the entire construction process to ensure projects are completed on time, on budget and to high standards of quality. The new Spancrete facility offers Spancrete Hollowcore Floor and Roof Systems, Spancrete Insulated and Non-Insulated Wall Panel Building Systems and solid plank and stair components.

To celebrate this expansion, Spancrete celebrated the Grand Opening of their Newnan facility this week. The event included tours of the plant, education sessions, speeches from Spancrete and government officials, and an official ribbon-cutting ceremony. Attendees included several officials from Newnan and Coweta County, Spancrete Chairman and CEO John Nagy, and over 100 registered architects, engineers and general contractors.



Pictured from Left: Greg Wright/Coweta County Development Authority, Sarah Nagy/Spancrete, John Nagy/Spancrete, Al Antoniewicz/Spancrete, and Candace Boothby/Newnan-Coweta Chamber.

Owell Precast Becomes Olympus Precast

BLUFFDALE, UTAH

Following nearly a quarter century of success and measured growth the owners and management of Owell Precast have chosen Olympus Precast as the new name of their precast concrete manufacturing facility.

Owner Bill Ashton commented, "The change of the corporate name is an exciting and important milestone in the history of our company, and just part of the company's expanded corporate focus in response to market forces. I see the Olympus Precast name as a powerful catalyst for continued progress and growth."

Inspired by the immovable Mount Olympus, the name reflects Olympus Precast's bold commitment to quality, safety and integrity.

Submit your headline news for consideration in a future issue of *Ascent* to Stephanie Corrigan at scorrigan@pci.org.

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