As a newly-licensed manufacturer of Easi-Set Modular Buildings, Roman Stone Construction company of Bay Shore, NY, was happy last spring to win their first project. The contractor originally wanted a knock down, assembled on site building due to limited access. However, after a pre-site inspection it was determined that they could provide an Easi-Set Building.

They then produced the building at their plant using the designs provided by Easi-Set and loaded it onto their straight rig that has a knuckle boom on the backend capable of unloading and setting the unit in place. Once in position, they set the building as one complete unit on the gravel bed provided by their customer. The Jerico Water District, project owner, was very happy, as was their customer, project contractor Wire to Water, as Roman Stone celebrated their first completed Easi-Set building sale.

Thanks to Tom Montalbine, Roman Stone, for sending this information. And our congratulations to Roman Stone Construction Company who celebrated their 110th anniversary in business this year!

Easi-Set 8’ x 6’ x 8’ Storage Building

SDM Billerica Dorm Building

SDM Billerica Dorm is part of the prison expansion project in North Billerica, MA. The dorm building can house 120 juvenile inmates in an open dorm style housing with no cells. The projects’ aggressive schedule was achieved by using precast concrete, and was supplied by two precasters, walls by Slaw Precast and the rest by Oldcastle Precast:

a) June 4 – Project award
b) July 16 – submit shop drawings
c) Aug 26 – shop drawings approved
d) Sept 13 – start fabrication
e) Nov 15 – start erection
f) Dec 20 – complete erection

(continued on page 2)
SDM Billerica Dorm Building (continued from page 1)

Precast beam spans of 32'-0" and 10" plank spans of 28'-0" provided a wide open layout for the architect with just 2'-0" of structural depth. 12" plank at 27'-0" span was able to support masonry partition wall loads at the showers which equated to 340 psf of supplemental loading.

There were three precast engineering teams successfully coordinating work with each other: TRC International designed & detailed precast modular prison cells, Don Thomas PC designed & detailed exterior precast insulated wall panels, and Devita Associates & Oldcastle BSD designed & detailed interior columns/beams/walls/hollow core plank.

Precast structural elements included: (a) 288 pcs 10" thk x 4'-0" wide Elematic plank (26, 540 sf)  (b) 22 pcs 12" thk x 4'-0" wide Elematic plank (2,200 sf)  (c) 2 pcs 8" thk “L shaped” solid slab landing (d) 11 pcs 2 story PC Columns  (e) 28 pcs 24" x 24" PC Inverted T Beams (f) 9 pcs 8" thk x 12'-0" wide x 33'-6" high PC shear walls  (g) 64 precast cell units for the cell wing. Thanks to David Wan, P.E., LEED AP, Chief Engineer, Oldcastle Precast, Selkirk, NY, for this information.

(continued on page 3)
SDM Billerica Dorm Building  (continued from page 2)

Puratos Expands Their Pennsauken NJ Location

(continued on page 4)
Puratos Expands (continued from page 1)

Puratos is a Belgian company specializing in producing bakery, patisserie and chocolate ingredients. They supply these to a range of bakeries from corner stores to chain super markets and restaurants. The US demand for such sweets has fueled an expansion to their Pennsauken location.

The state of the art addition is designed around a precast concrete building system. Precast beams, columns, walls and hollowcore plank were manufactured and installed by Oldcastle Precast Building systems.

The project team included Grace Construction, Harrison Hamnett Engineers and Ignami Lummis Architects, all based in NJ. 42,500 sf of 8- and 10-inch hollowcore plank served as the flooring system supported by precast columns, beams, walls, stairs and landings totaling more than 700 pieces of precast just completed in the fall of 2013. Thanks to Monica Schultes, Oldcastle Precast Building Systems, for this story.

And welcome and congratulations to Chris Speck, who has taken the reins as the new President/COO of Oldcastle Precast Building Systems, replacing Donna Reuter who retired in the spring.