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2021 » Q4 ISSUE
Molin Concrete Products

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Como Animal Hospital » ROSEVILLE, MN by Matt Soanes

When Molin was initially contacted regarding Como Park Animal Hospital the plan for the project included using traditional construction. The preliminary concept called for structural steel framing and cast-in-place concrete floors. Molin offered an alternate design using precast and prestressed concrete products that would construct an open air, more energy efficient building. The precast and prestressed concrete plan would also be low maintenance, provide building longevity, and insure ease of constructability that could accommodate tight site logistics.

While the Molin team worked with the ownership group to develop a schematic design for a precast building that included all required facets for the animal hospital to achieve the desired floor plans, consideration of



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interior and exterior aesthetics was also discussed. Molin proposed a structural precast frame using precast columns, prestressed beams, hollow core floors and roof. The proposal included the use of long-span 16" thick plank to reduce the number of columns, and architectural precast wall panels with cast-in thin brick that included several coursing options. The plan also dialed in window and door locations and ultimately included an open-air patio on the upper level.

By using AutoCAD 3D design and their knowledge and experience in precast concrete building design, the Molin design team convinced the ownership group that precast concrete, compared to conventional construction, is a superior means of construction for their animal hospital. Molin met the owners desired aesthetic on the building exterior by utilizing thin brick and complementary architectural precast finishes.

Molin's proven track record and expertise in design, production and installation of precast for a wide variety of project types made it an easy choice for the ownersip group. The Molin sales and design team provided the assistance required to meet the proper budget and schedule for the owner and general contractor. Precast concrete was the perfect choice for the project. «

Precast Quantities:

- › 500 square feet of 8" hollow core plank
- › 7,055 square feet of 12" hollow core plank
- › 14,096 square feet of 16" hollow core plank
- › 254 lineal feet of prestressed beams
- › 194 lineal feet of precast columns
- › 2,376 square feet of non-insulated precast wall panels
- › 12,627 square feet of insulated architectural precast wall panels

Architect: N/A (collaboration between Molin, Big-D and owner)

Engineer: BKBM Engineers, Inc. - Brooklyn Center, MN

General Contractor: Big-D Construction Corp.
St. Paul, MN



The Bohen

MINNEAPOLIS, MN » by Nate Mitchell

Weis Builders began construction on The Bohen, a market rate apartment project early in 2021. Located on Minneapolis' Hennepin Avenue and the Midtown Greenway this project (formerly called Trilogy) will consist of a seven-story apartment building with two levels of parking.

Molin Concrete Products Company was procured early in the design phase by Weis Builders to provide budget pricing and cost analysis. After providing design-development and budgeting assistance, Molin was awarded the project. Molin began delivering and installing precast products in September 2021 and upon completion, approximately 2,200 pieces of precast concrete will be delivered and installed by Molin's field crews in about 70 working days. «

Precast quantities:

- › 58,400 square feet of 8" hollow core plank
- › 21,600 square feet of 12" hollow core plank
- › 1,500 square feet of solid slab plank
- › 4,400 lineal feet of prestressed beams
- › 3,200 lineal feet of precast columns
- › 28,400 square feet of non-insulated precast wall panels
- › 700 square feet of insulated precast wall panels

Architect: ESG Architecture & Design - Minneapolis, MN

Engineer: Meyer Borgman Johnson - Minneapolis, MN

General Contractor: Weis Builders - Minneapolis, MN

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Dan Bible
President

Molin Concrete Products Announces Promotion & Retirement

I am pleased to announce the promotion of Mike Rufenacht and the retirement of Brian Benoy at Molin Concrete Products:



Mike Rufenacht Promoted

I am pleased to announce the appointment of Mike Rufenacht to Vice President of Manufacturing Operations. Mike joined our company in May 2019, and since then he has utilized his years of leadership experience in various manufacturing settings to help us move the needle at Molin. Mike has initiated LEAN principles at Molin and has been the driving force behind implementing multiple process improvement initiatives. Mike's ability to look across the entire organization as we make decisions benefits all facets of our operation.

Mike embraces Molin's Core Values and we see examples of this as he goes about each day. He didn't have to learn our Core Values (Customer Focus, Teamwork, Respect, Do the Right Thing, Flexible, Safety) because he already lives by those values.

Because Mike has made such an impact in the brief time he's been at Molin, I am eagerly anticipating what lies ahead as he continues to lead our manufacturing operation.

Brian Benoy Retires

After thirty-six years employed at Molin, Brian Benoy retired at the end of 2021. We are excited for Brian as he moves into the next chapter of his life.



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PRESENTATIONS

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Molin currently offers multiple virtual continuing education opportunities for architects, engineers, and contractors. At this time Lunch & Learn presentations cannot be provided in client offices and Molin will not be offering onsite PCI plant tours. However, we can offer PCI continuing education webinars that can be viewed online from your remote work location. The presentations are registered with AIA/CES and the Registered Continuing Education Program (RCEP) of the National Council of Examiners for Engineers & Surveyors (NCEES) for continuing professional education credits.

If you're looking for product information, help with registering for a virtual presentation, want to schedule a plant tour or box lunch presentation (once Molin can safely present onsite), or want a Molin representative to contact you, please visit our website at www.MOLIN.com and submit the "Contact Us Form."



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