

The Lehigh Way

Renovating The Reg



*Introducing the Lehigh
Industrial Services Division*

pg. 4

MURRAY ROOFING COMPANY

Commercial & Industrial Roofing and Repairs

ALL IN FOR *your* SUCCESS

Partners in *Quality Roofing*



*Over 45 years
in the business!*

www.murrayroofingcompanyinc.com

P: 716.896.5555 | F: 716.894.5730

Over 40 million square feet of roofing under warranty!

600 Cayuga Creek Rd.
Cheektowaga, NY 14227



A REPUTATION OF EXCELLENCE

American Buildings Company leads the industry in technology, design flexibility, estimating ease, longevity, quality and value and has for more than 70 years.

We are one of the largest and most experienced manufacturers of custom-engineered metal building systems in the world. With one of the widest arrays of product offerings, from simple to complex multistory buildings, our Builder network has the expertise to deliver top-quality metal building systems and services.

Without exception, our quality metal building products give you the simplicity, durability and affordability you're looking for. But even more important is the fact that we give you the value-added benefits you need to ensure that your project is more than just a building...it's a success.

To learn more, visit us online at www.americanbuildings.com



The Lehigh Way

Lehigh Construction Group Inc.
4327 South Taylor Road
Orchard Park, New York 14127
(716) 662-2151
www.lehighconstructiongroup.com

**Corporate Information &
Business Development**
David E. Knauss,
President & Founding Partner

Field Construction & Safety
Thomas Glomb,
Founding Partner

General Business
Josie L. Stockweather,
Human Resources &
Administrative Manager

Field Operations Team
Chris Reichert,
General Superintendent

Jim Drzewiecki,
PRO Operations Manager

Nick Sabal,
Industrial Services Division Manager



The Lehigh Way is published by
Innovative Publishing
10629 Henning Way, Suite 8
Louisville, KY 40241
Phone 844.423.7272 • Fax 888.780.2241
Innovative Publishing specializes
in creating custom magazines for
associations and businesses. Please direct
inquiries to Aran Jackson at
aran@innovativepublishing.com.



www.innovativepublishing.com



This issue of *The Lehigh Way* features our new Industrial Services Division. This division was created to add focus to our industrial roots and our core capabilities in concrete, masonry, steel and metal and site work for plant construction projects. This group will broaden Lehigh's reach into chemical, manufacturing, pharmaceutical, food and beverage, agribusiness, warehouses and distribution facilities.

This issue also includes a challenging historic renovation project we did for The Reg Lenna Center for the Arts in Jamestown, New York. The project included the total makeover of the theater box office, concessions, library, radio station and offices, along with ADA accessibility.

I hope you will enjoy an article on the benefits that building with structural precast concrete panels can offer, especially for increasing the speed of construction. As you drive along the 290 near Tonawanda, New York, you may have marveled at an empty field at Unifrax that was transformed into a 90,000-square-foot building shell within 10 days.

Our PRO division continues to perform the building repairs, emergency work and facilities maintenance improvements our customers have become accustomed to with quick responses and outstanding results. No job is too small when it comes to Lehigh PRO, and you will take note of the wide variety of jobs that are as diverse as our customers.

Our "Ask the Expert" is Alan Heerdt, Vice President of Murray Roofing Company who talks about recent changes in the commercial roofing business, including new technologies and options for Western New York buildings.

In other company news, Lehigh leads with safety and transparency for our clients. We developed QR-coded cards enabling customers to verify the safety training and credentials of Lehigh employees in real time with a simple scan. We've also included access to our SDS data and full safety manual with these new Lehigh Scan, Verify and Inform (SVI) cards.

As we head into winter, keep in mind that our staff is always ready to perform inspections and evaluations to identify work items necessary to prepare your facility for the cold. Please don't hesitate to give us a call.

Feel free to contact me if you have any suggestions on how we can improve this magazine.

David E. Knauss

A handwritten signature in black ink, appearing to read 'D. Knauss'.

President

Contents

Lehigh Rolls out Industrial Services Division.....	4
Reg Lenna Center for the Arts.....	6
A Closer Look at Precast Concrete	9
Rapid and Reliable: Lehigh PRO Offers 24/7 Service	10
Ask the Expert	13



LEHIGH ROLLS OUT INDUSTRIAL SERVICES DIVISION

Reinforces Lehigh's deep experience in industrial sector

Since its founding in 1984, Lehigh has been heavily involved in the industrial sector, serving clients in manufacturing, pharmaceuticals, chemical, agribusiness, food processing, warehousing and distribution.

"Over time the company has moved into other verticals, but our roots have always been in the industrial sector," said President David Knauss.

To emphasize those roots, the new Lehigh Industrial Services division promotes the company expertise and self-performance capabilities in concrete, masonry, steel and metal and site work.

"It isn't a new offering so much as giving a name to a service that Lehigh provides as part of its business model. We just want to make sure when a prospect is searching for an industrial services contractor, Lehigh appears at the top of their screen," said Knauss.

Nick Sabal is the Lehigh Industrial Services Manager and oversees estimating, projects and workers for the division. Each job varies in size, complexity and safety requirements.

Lehigh Industrial Services is ready to provide everything from building repairs to maintenance, emergency service calls or the design and construction of new plant facilities and additions.

Although no two jobs are ever the same, Lehigh typically provides installations that support a client's purchase of new equipment. This may include concrete machine foundations, crane supports, pits and trenches, housekeeping pads, floor coatings, mezzanines or equipment platforms.

"Industrial Services can also assist Lehigh subcontractors that work in plants," said Knauss. "Plumbing contractors use us for floor cutting and trenching. We install equipment pads for HVAC contractors and transformer pads for electricians. We also can prepare wall and roof openings to get large equipment into a building."

Other specialty projects that industrial clients repeatedly call on Lehigh for are scale pit foundations for trucks and rail cars, and building modifications required for freight elevator installations and retrofits.

Plant facilities also require constant maintenance and repairs, and Lehigh Industrial Services is available 24/7. "Damage from fork truck drivers keeps us in business," said Sabal. "We are called on often to replace damaged masonry and metal siding." Other common repairs include concrete floor toppings, dairy brick replacement and regrouting in food plants. "Over the company's 35-year history, we've probably installed thousands of pipe bollards," said Sabal. Concrete filled bollards are installed in plants to protect door openings and equipment.

Plant “shut down” projects are also common in the industrial sector and require intense planning and flexibility. A plant may shut down for a week and require the equivalent of a month’s work to be completed. While a typical construction schedule is broken down into days and weeks, a shutdown schedule may be hour-by-hour on around-the-clock shifts. “Nothing ever goes exactly as planned during a shutdown, so you need to be able to adapt and change course on a moment’s notice,” said Sabal.

Lehigh’s industrial sector work also includes larger projects. “At any given time, we always seem to have 2-3 plant expansions or new builds underway,” said Knauss. The company is currently working on a 90,000-square-foot manufacturing addition, another 80,000-square-foot addition for food processing and a new 7,000-square-foot boiler building for a dairy plant. A 60,000-square-foot warehouse addition for a pharmaceutical client is also in the planning stages.

Sabal says he “lives” in plant facilities. His team must master special techniques to work in hazardous environments. Projects have different classifications, and in some places, something as simple as cutting a piece of metal must be approached with caution, and “you can’t do it with anything that could create sparks” due to the explosive nature of chemicals in the environment, he said.

Lehigh has a longtime client relationship with a manufacturer of salt products, including salt pellets for water softeners, table salt and bulk salt, with a salt mine on-site. “In a salt environment, everything corrodes very fast,” Sabal said. Lehigh has worked at the plant for 30 years, continually replacing corroded structural steel and concrete floors. An upcoming project will involve the replacement of a steel structure connecting two buildings. “On this and in every project, we have to maintain the manufacturing process in the structure so they can continue to make their products while we do our work,” Sabal said.

Sabal also recounted another project where a company sought out Lehigh because of its industrial expertise. The

plant was located in a rural area of New York with local contractors that lacked experience in concrete equipment foundations. The company makes wheel assemblies for rail cars and received a large order that required it to increase its production line. Lehigh was called on to temporarily shore up and underpin building columns in the plant and install a new, 8-foot deep, 1,600-square-foot foundation. Everything had to be precise, Sabal said — the allowances for the machine that sat on the foundation were less than 5 millimeters. Sabal enjoys the way things unfold on industrial construction projects. “I like the way that things come together in the whole process. I find that fascinating.”

Safety awareness and performance is also critical in plant work, and at Lehigh it’s a part of our culture and a core value. All Lehigh employees have a base level of 30-hour OSHA training that exceeds industry standards, and Operations Managers for Pro, Project and Industrial Services all have at least OSHA 510 certification. The company conducts monthly safety trainings and weekly toolbox talks. This safety knowledge creates a solid foundation for the more specialized safety requirements of industrial projects.

A new safety improvement just developed in-house and implemented this year is a bar-coded ID badge that enables industrial clients to scan and verify a Lehigh employee’s safety credentials and training. The Lehigh Scan Verify Inform (SVI) card was created in collaboration with the Lehigh IT division.

“Lehigh has always been a relationship-based business,” Knauss said. “And our relationships are built on our willingness to provide whatever services our customers need. Lehigh Industrial Services is another extension of how we do business. If you are a Lehigh customer with an industrial plant, you can call on us for anything from a repair that takes a day to complete to an addition that takes a year to build — that’s our business model.”

For projects small and large, Lehigh Industrial Services has the experience and commitment to handle routine or complex jobs with Lehigh’s signature high standards.

INDUSTRIAL SERVICES CAPABILITIES

Services offered by Lehigh include:

Concrete Work

- Equipment Foundations
- Equipment Grouting
- Crane Foundations
- Pits and Trenches
- Curbing and Containment Structures
- Concrete Saw Cutting
- Housekeeping Pads
- Dumpster Pads
- Compactor and Transformer Pads
- Concrete Stairs and Nosings
- Sidewalks
- Stair and Curb Repairs
- Foundation and Floor Repair
- Floor Toppings
- Coatings and Sealers

Masonry, Brick & Block

- New and Repairs
- Masonry Openings for Doors and Equipment
- Glass Block Windows and Walls
- Dairy Brick Installation and Regrouting
- Pointing
- Cleaning and Sealing
- Pressure Washing

Steel & Metal

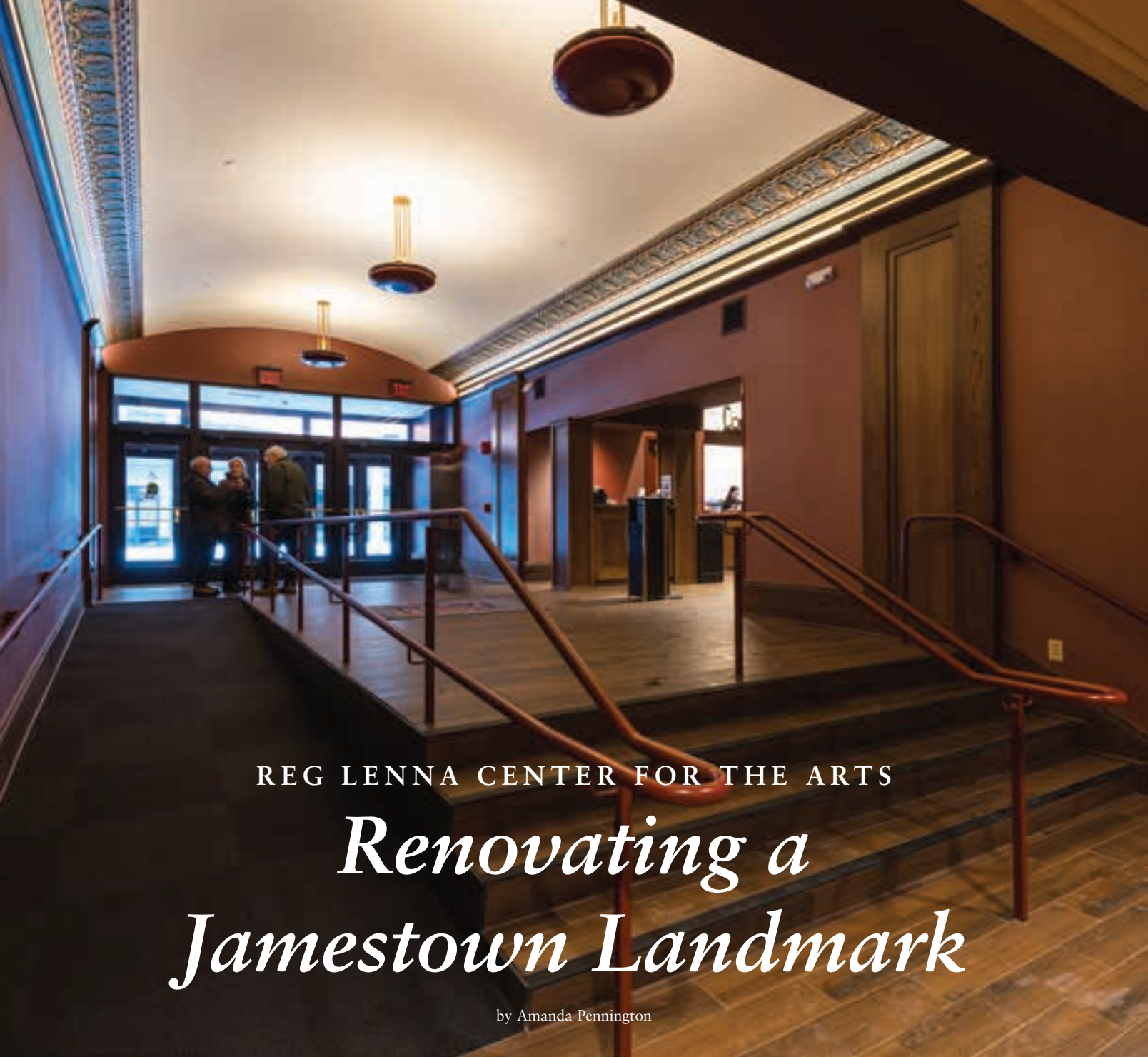
- Welding and Repairs
- Structural Repairs
- Handrails and Guardrails
- Pipe Bollards and Trenches
- Stairways and Ladders
- Grating
- Mezzanines
- Pipe Bridges
- Rooftop Equipment
- Platforms Catwalks
- Siding and Insulated Panels
- Loading Dock Canopies

Excavation & Site Improvement

- Backhoe and Bobcat Work
- Trenching
- Restoration
- Landscaping
- Fencing and Gates

Industries

- Agribusiness
- Chemical
- Food and Beverage
- Pharmaceutical
- Manufacturing
- Warehouse and Distribution



REG LENNA CENTER FOR THE ARTS

Renovating a Jamestown Landmark

by Amanda Pennington

Over the span of 11 months, Lehigh Construction Group renovated The Reg Lenna Center for the Arts in Jamestown, New York. The project began in January 2014, when Kathleen Eads joined “The Reg” as the new executive director.

“When I interviewed, I probably didn’t quite have an understanding of what I was walking into,” Eads laughed. “It was 40,000 square feet of historical space, and probably about one-third of it was completely unusable because of neglect over the years.”

Eads faced her new job with a practical mindset: “I came to the conclusion that if you have to heat it or cool it, you better be able to use the space to make some money,” Eads said. “I embarked on a search, and what came out of that was the master plan ...

We hired architects ... and they did workshops, and the staff was involved and some of the board and the community. Everybody met and would go talk about programs and what was important to us, what would be great, what would not be great.”



It didn't take long for Lehigh to join The Reg's renovation team. Out of the seven buildings that comprise The Reg, the theater itself didn't need any further work (it was last renovated in the '80s), but the remaining six buildings of The Reg needed Lehigh's expert attention.

"The goal of the project was to upgrade their theater lobby, their box office and concessions, and some miscellaneous spaces throughout the building," Jennifer Kinney, project manager at Lehigh Construction Group, said. "Their performance space, gallery space, offices are in separate buildings that are connected but are built individually. All of their stuff was all over the place — different floors, different buildings."

Transforming The Reg into a cohesive unit to better serve staff and visitors was a notable challenge. "There were so many buildings — it was really hard to find your way around," Eads said.

"What we did was basically combine [the] buildings to seamlessly be one," Kinney said. "So the floors all connected. It made things flow better for them. We definitely achieved our goal."

The buildings' wood framing was especially difficult. "We had to essentially reframe the floors to make them stronger," Kinney said. "Back in the day

when they were built, the regulations for that kind of thing were different. We had to reframe all the floors from the bottom up ... That took us months."

A challenge Eads had was "the sheer economics of rehabbing buildings of this age. The buildings are about 135 years old each. There had been a number of very poor, unprofessional renovations throughout the years — just patch jobs and people really not doing what they should've done." These issues included structural and general safety concerns, like wiring and air conditioning, which dated to the '50s and '60s. "They were old enough to have asbestos and lead paint ... There were a lot of things that had the potential to go bad," Eads said. "The lobby was starting to fall off of its foundation."

Fortunately, Jamestown, New York, is in Chautauqua County, which has a number of high-yield private foundations. Many of these foundations have supported The Reg since the theater was first built, and their donations made up the majority of the renovation budget. "We knew what we had, how much money we had, and Lehigh really, really was instrumental in making it happen in the budget that we had," Eads said. "I expected it to be a lot harder, more stressful than it was. I hate to say it was easy, but it went really, really well. [We were] very lucky with those Lehigh folks."

OVERCOMING OBSTACLES TO START THE PROJECT

"About 60 percent into the construction document process, the governor announced the downtown revitalization initiatives, and Jamestown was one of the cities that received \$10 million ... We were granted \$1.5 million that rounded out our budget. However, that brought SHPO [the State Historic Preservation Organization] into play. The architects were really good at working with the SHPO office. They had dealt with historic projects in the past. We were done with SHPO in three months, which is pretty much a record. We had to redo all of the construction drawings due to structural issues which set us back almost a year — eight to nine months. That was a bit of a hold up, but in the end it all turned out. We were well beyond prepared, we knew what we needed to do and why we needed to do it."

—Kathleen Eads, Former Executive Director at the Reg Lenna Center for the Arts

Despite the odds of budgeting for renovation work, meeting historic standards (see page 5) and creating cohesion out of chaos, “we accomplished everything that we wanted to do in each and every space that we created,” Eads said.

Now the theater has “flexibility of space,” which is crucial to theaters today. “You can’t just be a theater anymore,” Eads said. “You’ve got to be 10 other things, and people need to be able to use it however they want to. I was really proud of the fact that we were able to create new spaces—not additional square footage—but new spaces that were flexible enough to be used for almost anything that anyone would want to do.”

The lobby in particular stands out in Eads’ mind. “I used to say that the lobby looked like a 1983 Arizona retirement home. The color, the texture, it was terrible. We had a beautiful historical theater on the other side of the door, but you never would’ve known that ... We were trying to take it back to the original look—it was built in ’23. We managed to find some of the original crown molding. We were able to create replicas of that and redo the barrel ceiling that was a part of the original design ... We were really able to make it look historical, functional and very ADA-friendly.”

As the project finished in November 2018, and as Eads resigns from The Reg to take a new job opportunity in Missouri, the relationship between The Reg and Lehigh continues. According to Kinney, the biggest success of the project was “our relationship as a group with the owner and architect ... The way we worked so well together was the biggest reason that the renovation finished as successfully as it did, with little amount of change, and it came in under budget as well.”

Eads and The Reg are grateful to Lehigh for making the renovation process such a success. “I can’t stress enough that I think Lehigh was definitely the linchpin as far as making the project go as well as it did, really helping make it happen,” Eads said. “They really believed in the project.”

The feeling is mutual: “I’ve worked in construction for 27 years, and I’ve

As part of the renovation, Lehigh installed a sidewalk snowmelt system for the Reg—a very important part of construction in western New York.



BRING ON THE LAUGHS

“In Jamestown, there’s a lot of downtown revitalization going on, and The Reg has always been a key bookend for that—and especially a bookend to the new National Comedy Center.”

—Kathleen Eads, Former Executive Director of the Reg Lenna Center for the Arts

been a project manager for 12. I’ve run a lot of projects,” Kinney said, “but never with someone like her. She was ... amazing to work with, helpful, engaged, all of the above.”

The mutual respect in the relationship between Lehigh and The Reg was crucial to the project’s success. “I tell her that all the time—‘You’re the reason that we made it so successfully,’” Kinney said. “Our superintendent, Chris Reichert, and I talk to her on a regular basis still.”

The renovation has also inspired other relationships, rejoining The Reg with the Jamestown community in new ways. Since part of the master plan included

changes that would allow new revenue streams through rental spaces, now the theater has nonperformance event areas available to the public, drawing Jamestown’s community through theater doors for more than stage productions.

Now the community has new opportunities to take ownership of the theater. “The Reg had lost a lot of the community those seven to eight years,” Eads said, “because they weren’t really doing anything and the building was falling apart. I think now people are interested in the center again. They want to be here and have their kids’ birthday parties here. It’s nice the community is taking ownership of it again, which is key to its survival.”

A CLOSER LOOK AT PRECAST CONCRETE

Precast concrete products have been around for several decades, and they've steadily gained in popularity in recent years. For more than 35 years, Lehigh Construction Group has worked with a variety of building materials, and precast concrete is no exception. It's no surprise that precast concrete is a popular choice among builders. Compared to traditional commercial building materials, precast concrete offers many advantages that impact nearly all aspects of the construction process, from design to scheduling to owner maintenance.

Precast concrete panels can be used to construct aesthetically appealing buildings for many different budget considerations, often offering more value and efficiency than traditional industrial building methods. Choosing to build with precast concrete may help to reduce building and operations costs, both during construction and after the project is complete. Precast concrete is also environmentally friendly and can be fully recycled — a feature that stands out to many industry professionals who place a focus on eco-friendly building materials and practices.

Panels are available in both architectural (not load bearing) and structural (load bearing) configurations. While site-cast concrete walls are formed and poured at the job site, precast concrete panels are produced off-site in a controlled environment, which leads to more uniform results and consistency in curing. Panels can even be cast while the job

site is being prepped, which saves time and makes projects less susceptible to weather-based scheduling complications. Installation requires just a fraction of the time and manpower of traditional construction methods, such as masonry. This alleviates work site crowding and space shortage issues and may even decrease liability risks on the job site.

Appropriate for all seasons and climates, precast concrete is resistant to decay, fire, insects, mold, rain and wind and performs well in winter freeze/thaw events. Precast buildings do not suffer from the network connectivity issues associated with many older buildings and with masonry — Wi-Fi and cellular signals typically have little to no interference due to the precast building's construction. The density of the concrete in precast panels also helps with sound dampening. Compared to the maintenance and insurance costs associated with older construction or new traditional construction, precast concrete is often more cost-effective.

The bottom line: Precast concrete panels and products are high-performance materials that greatly enhance speed-to-market construction performance. They provide minimal site disruption while offering owners, architects and contractors aesthetic choices to produce beautiful and functional buildings of almost any color, form or texture.

For more information, call your Lehigh project manager, or visit www.lehighconstructiongroup.com.

WHY DO OWNERS AND INDUSTRY PROFESSIONALS CHOOSE PRECAST CONCRETE?

Owners appreciate that precast concrete enhances speed to market, is easy to install, provides attractive budget options, shortens project delivery times and construction schedules, and requires minimal maintenance. They also enjoy the added benefits of excellent and consistent quality, with improved safety performance.

Architects value the variety of finishes and colors available in precast concrete, as well as environmentally friendly options, cost-effective options, clean design and load-bearing walls.

Contractors prefer working with precast concrete panels because they have improved safety benefits and can be installed quickly and efficiently in any season.

TOP SEVEN BENEFITS OF PRECAST CONCRETE

1. Uses an efficient design and construction model that enables construction to take place while the design may still be changing.
2. Available in different shapes, sizes, colors and finishes.
3. Requires minimal maintenance.
4. Easy to wash and, if needed, can be painted in the future at minimal intervals.
5. Since products can be delivered and installed to suit the owner's schedule, project schedules might be shorter.
6. More reliable timelines, improved cost estimates and ultimately reduced safety concerns.
7. Having precast concrete delivered based on optimal scheduling may result in fewer people on site and more efficient construction.



Rapid and Reliable

Lehigh PRO Offers 24/7 Service

One of the most valuable services Lehigh Construction Group offers customers is the quick turnaround capabilities for building repairs, facility maintenance and emergency work performed by the Lehigh PRO division.

Because the group was formed from customers' quick response needs for any small repairs, maintenance or emergency jobs, customers quickly came to depend on the Lehigh PRO team to perform a large variety of jobs. Lehigh PRO works on jobs 24 hours a day, 7 days a week, 365 days a year.

Here are some of the many industries and inquiries that Lehigh PRO has successfully performed over the past year that have enhanced our customers' operations, and enabled them to run more efficiently.

Keeping the Inspectors at Bay

When a four-star rated residency and life-care community in Orchard Park needed to resolve an immediate inspection issue, Lehigh PRO experts stepped in to modify an existing doorway. The customer was very appreciative of Lehigh PRO's ability to respond quickly and provide the solution which immediately enabled them to pass the local and state inspections. If you have a compliance or regulatory issue that needs an immediate resolution, contact Lehigh PRO for a quick fix to your problem.

The Bank Drive-Through

In late September, one of our regional banking customers called the PRO group leader for a problem the customer had at a branch in the Southern Tier. One of the bank's customers had mistakenly accelerated through the front corner entrance doors, crashing through two walls. Our Lehigh PRO mechanics were on the road



within a half hour, and they were able to secure the location until the final repairs could be completed. Immediate response, trust and numerous repeat jobs annually give this banking customer the confidence that Lehigh PRO will do the job right in emergency situations. Quick response is the critical factor.

Driving into the Garage, the Hard Way

A local Buffalo welding company specializing in making steel battery cases received an unwelcome guest "into their shop" when a classic '50s Chevy missed a garage opening and plowed into a dumpster and through the garage wall. Our PRO mechanics responded immediately to perform emergency demo shoring and an enclosure job, securing the facil-

ity. Subsequent repairs were able to get the shop back up and running like new. Could safety bollards help protect your employees and buildings?

After the Flood

Another banking customer in downtown Buffalo had an emergency situation after their basement flooded with over 3 inches of water, which actually shut the branch down temporarily. Lehigh mechanics responded within 30 minutes of being notified and replaced the saturated carpet with attractive tiles. The PRO team continued to aid the customer with additional improvements after the initial work was completed. The office was able to be safely reopened for employees and customers shortly after the repairs.

Giving Back to Those in Need

Many of the projects that Lehigh PRO takes on involve not-for-profit organizations that aid the less fortunate in our Western New York communities. One such project involved a housing project for St. Luke's Mission of Mercy on the Lower East Side of Buffalo. While Lehigh Construction has been involved in many building projects for the group, a recent project for the PRO team involved creating a new concrete pad with an added patio shelter. The new shelter will serve the residents as an outdoor congregation area and provide protection from the elements. Just another example of the PRO team helping to make life better for others.

Renovating Manufacturing Plants

A Western New York manufacturer has been producing specialty chemicals in their plant since the late 1940s and relies on Lehigh PRO to conduct small construction and maintenance projects throughout the facility. Recent jobs include pouring concrete equipment pads, removing walls and making plant renovations.

Cars vs. Buildings – March Was a Banner Month

In March, we received a flurry of calls from a supermarket in Hamburg, a shelter apartment building in Silver Creek and a church in North Tonawanda. Each location had drivers lose control of their vehicles and drive through a wall. The PRO team was there for the repair and was able to get each of these businesses up and running in short order!

A Higher Calling

The Lehigh PRO team recently renovated a Buffalo church bathroom that was very outdated and posed typical maintenance problems. The PRO mechanics were able to completely renovate the space, hanging new moisture resistant drywall panels and finishing the area, restoring it to a beautiful new and improved unisex restroom space.

Say Cheese

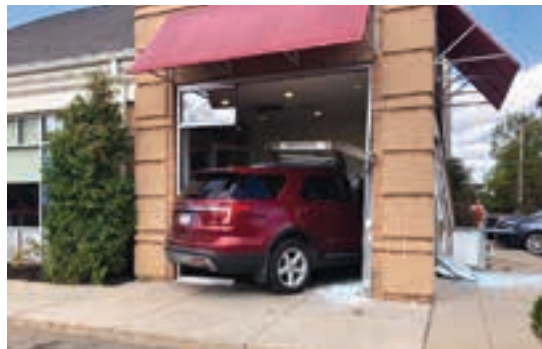
A Buffalo cheese manufacturer needed to get several masonry openings infilled and new ones created over a weekend so as not to disrupt their production schedule.



Lehigh Pro had all hands on deck to complete the job in a timely manner to keep the manufacturing process going to meet their needs.

Carrying the Milk

Our PRO services team worked late one Saturday and into the following Sunday morning to accommodate the schedule of a local dairy production facility after




a chasm under a drain caused a complete washout of 8 tons of stone and material that left the floor slab virtually floating. The Lehigh PRO work enabled the customer to keep their production going with minimal disruption to their manufacturing schedule.

For more information, visit www.lehighconstructiongroup.com/pro.

SITE | UTILITIES | ENVIRONMENTAL

Contact Russo Development today for a no-risk quote.

When you need real professionals to manage and execute your site, utility and environmental contracting needs, call Russo Development. **716.844.8745**



Site ready...earth friendly

Site Development Services	Utilities Services	Environmental Services
<ul style="list-style-type: none">• Site Preparation• Site Utilities• Roads, Paving & Concrete• Landfill Construction• Landscaping Services• Trucking & Hauling	<ul style="list-style-type: none">• Water• Sanitary Sewer• Storm Sewer• Gas	<ul style="list-style-type: none">• "Power Probe" Direct Push Drilling• Site Remediation• Demolition & Asbestos Abatement• Stormwater System Maintenance• Vacuum Truck

russodevelopmentinc.com

3710 MILESTRIP ROAD | BLASDELL, NY 14219 | 716.844.8745

PAINT of WNY

2205 HOPKINS ROAD | GETZVILLE, NEW YORK | 14068

PAINTING CONTRACTORS



Professional, full-service painting contractor for residential, commercial, and industrial properties. We offer excellent customer service, high-quality products, and a dedication to a clean, neat work environment.

E: mike.giordano@paintofwny.com | P: 716-863-1115 | W: www.paintofwny.com



BUILDING RESTORATION AND SPECIALTY CONTRACTOR

Guaranteed Service Since 1934

BRICK* STONE* WINDOWS* CONCRETE* TERRA COTTA

BUFFALO OFFICE

33 MAIN STREET
BOWMANVILLE, NY 14026
716.684.3550

ROCHESTER/SYRACUSE OFFICE

1383 ROUTE 96
WATERLOO, NY 13165
315.568.0982

Visit us: www.rekelley.com

BEFORE



AFTER





Ask the Expert:

Alan Heerd

Vice President at Murray Roofing Company Inc.

Designing and building a roof for Western New York weather is a challenging undertaking on commercial building projects, and is a decision that affects a company for 20 to 30 years or more into the future. Commercial roofing has an impact on energy costs, building maintenance costs and long term building performance. Alan Heerd is Vice President of Murray Roofing Company Inc., and offers customers over 30 years of field, office, executive knowledge and experience. We asked Alan about some of the considerations, options and trends in roofing.

Q: What are some of the most common types of flat roofing systems being installed on new commercial building in Western New York?

A: No two roofs are alike, but most of the new commercial and industrial flat roofs in Western New York have been single-ply rubber ethylene propylene diene monomer (EPDM) or thermoplastic polyolefin (TPO) roofs. The EPDM membranes can be ballasted, adhered or mechanically attached. TPO roofs are fully adhered and mechanically attached with the Rhino system. Using the Rhino system, the field membrane is welded to an Invisiweld™ plate with an induction tool and cooled with magnets. The Invisiweld™ system can be installed in colder temperatures, which is an excellent choice for winter construction. These thermoplastic TPO systems are economical and easy to install and are also 100 percent recyclable, as they contain no toxic or hazardous ingredients. While it is about an even split in Western New York between EPDM and TPO for new roofing projects, the ability to roof with TPO later into the season makes it a more popular option each year.

Q: What are some of the new technologies and recent trends in roofing?

A: Getting a new roof today means taking advantage of science and technology improvements over roofing just a few years ago. The older style of built-up roofs, applied with hot tar and several plies of fiberglass felts with a heavy asphalt chemical odor, has given way to easier to install, single-ply roofing systems. Invisiweld™ TPO membranes offer a nonpenetrating fastening system that extends the roofing season in Western New York, especially when cold temperatures make adhesives and asphalt roofing options difficult to install. The best roofing system offers customers options for the best product for their specific environment that also makes economic sense for their needs.

Q: What should companies look for when choosing a roofer?

A: The best roofing contractors provide constant communication with customers from the earliest part of the project until installation — and beyond. Usually dealing with seasoned architects and general contractors who have strong relationships with the best providers in your local area is the best choice. Murray Roofing only deals with top general contractors that are looking for reputable companies that have a focus on commercial and industrial flat roofing, longevity in business, and the willingness to answer all questions before the

project begins. Search for an established company that will be around after job completion in the event that roofing upgrades or maintenance are needed. A good roofer works with an established manufacturer of roofing products and suppliers to offer the highest quality, long-life products and then warrants their installation and products for the lifetime of the product.

Q: Do some customers choose more aesthetic roofing options in addition to being functional?

A: Yes, many customers have chosen customized “SkyScape” vegetative roofing systems or “live roofs” as an option, especially for tenants that need to look out over the roof area. Customers prefer and expect an attractive view outside of their windows and enjoy the appeal of a green roof. While green roofs can be a more expensive initial choice, they provide visually appealing, energy-efficient storm water management options that are quick and easy to install and can increase the roofing member life up to two to three times. Green roofing is also low maintenance and offers exceptional long-term performance. Another popular system is the porcelain pavers or concrete pavers with pedestals for patios, balconies and rooftop bars.

Q: For existing buildings, what are some of the benefits of a new roof?

A: Getting a new roof affects the safety of a new or existing building by guarding against the elements and weather, so structural integrity is very important. An older roof can deteriorate and needs maintenance over time and is more vulnerable to storms, debris, snow and animals. A new roof offers energy management savings and can help increase the value of an existing building and property.

Q: How do customers normally choose a roofing type?

A: Most new building owners work with a proven general contractor and architectural team to suggest the best options for the customer’s environment, budget and building style. A good general contractor can provide the experience and relationships that bring the established team of architect and subcontractors to the customer, with proven performance in providing the best roofing design. Your roof is an important part of the building investment, so choosing the right option in the beginning is very important.

Your #1 Source for
CONSTRUCTION AND INDUSTRIAL SUPPLIES

55 James E. Casey Dr. • Buffalo, NY
716.828.2838 • www.HanesSupply.com

CONSTRUCTION • INDUSTRIAL • RIGGING • SAFETY
Products • Rentals • Services • Solutions

HSI
HANES SUPPLY INC.

Buffalo • Rochester • Syracuse • Watertown • Albany
Connecticut • North & South Carolina

CSBEHLER
INCORPORATED

Authorized Dow Silicone Distributors
Sealants • Adhesives • Waterproofing • Firestopping
Mineral Wool • Dow Styrofoam, Thermax, CI, Tuff R-Cl
• FRP • EPS • EPS

NYS DOT Approved Materials
Highway Pavement & Bridge Products

203 St. Mary's Street, Lancaster, NY 14086
716-684-6060
Tom Casarsa 716-912-1262

CSB CONSTRUCTION SERVICES, INC.

Cold Storage Specialists
Cooler-Freezer • Prep Clean Rooms • Warm Rooms
FRP Paneling & Accessories • Walls and Ceilings
Authorized METL-SPAN IMP Installer

203 St. Mary's Street Suite 1, Lancaster, NY 14086
Jeff Casarsa 716-553-5825

FOREST MATERIALS INC.
Since 1952

 Lumber  Plywood

 Millwork  Building Materials

Forest Materials Inc.
1665 Harlem Road, Buffalo, New York
(716) 895-3900
www.forestmaterials.com

Western New York's Largest


CITY FENCE

3893 Walden Avenue, Lancaster, New York 14086

Craig Jones, Sales Manager

716.206.0511
Fax: 716.206.0512
E-mail: craigjones@cityfence.com
www.cityfence.com



KELLEY Bros
ESTABLISHED IN 1886

Total Opening Integrator and Distributor of:

Doors	Frames
Hardware	Access Control
Specialty Products	IP Cameras
Power Operators	

Kelley Bros. provides quality products from some of the most respected manufacturers in their fields. Our product offering is complemented by our suite of services which includes welding and modifications of doors and frames, emergency door service, pre-installed hardware, field repairs and installation, key system management, specification writing, and delivery to you or your job-site.

Visit us on the web:
www.kelleybros.com

 Or Call Today
716-684-8665

Heritage
CONTRACT FLOORING

29 Depot St.,
Buffalo, NY 14206
www.heritagefloor.com

Are you standing on our floors?



starnet
a worldwide member



EMPIRE BUILDING DIAGNOSTICS
DEMOLITION AND ENVIRONMENTAL CONTRACTING

TRUSTED ON THE TOUGHEST PROJECTS

786 Terrace Boulevard, Suite 1 Depew, NY 14043
www.ebdinc.com | Phone: 716.685.4588 | Fax: 716.685.6055


GYPSUM SYSTEMS INC.

Most Sought After Workforce

716.652.5700

P.O. Box 419
Elma, NY 14059

www.gypsysmsys.com

Please visit our website:
www.lehighconstructiongroup.com

Mader Construction is proud to be working with Lehigh Construction Group to build a better WNY.

MCC

www.maderconstruct.com
716-655-3400



EXCAVATION - FOUNDATION
FLATWORK - MASONRY
CONCRETE PUMPING



Visit us on the web at
www.brawdyconstruction.com
or call us at (716)741-8714

powerful
SOLUTIONS.

We make it easy to reach more of your target market with print and digital ad options, customized to fit your needs.

Powering up your marketing — That's Innovative.



844.423.7272 | advertise@innovativepublishing.com | www.innovativepublishing.com

Proud to partner with
Lehigh Construction Group, Inc.

Over **45** years serving the
construction industry across
New York, Ohio and Pennsylvania



GEHL

Kubota

SKYJACK
simply reliable

JLG



WACKER
NEUSON
all it takes!

SKYTRAK



EQUIPMENT YOU NEED, WHEN YOU NEED IT



We specialize in machine
control and positioning
solutions from Topcon
and other top brands.

ADMAR
CONSTRUCTION EQUIPMENT & SUPPLIES
RENTAL | SALES | SERVICE | PARTS

f Like Us

t Follow Us

ADMAR Buffalo
1394 Military Road
Tonawanda, NY 14217
716.873.8000 | admarsupply.com

Lehigh Construction Group Inc.
4327 South Taylor Road
Orchard Park, New York 14127



LARGE OR SMALL, LEHIGH DELIVERS

Concrete | Masonry | Steel & Metal | Sitework

Lehigh Industrial is a service division of
Lehigh Construction Group, Inc.



lehighconstructiongroup.com
(716) 662-2151