

The Lehigh Way

Creative Options Save Building Time

Lehigh Construction Saves Client Unifrax Weeks on the Job

pg. 6



Lehigh Industrial Services Installs Equipment Foundations

Pg. 4



BUILDING RESTORATION AND SPECIALTY CONTRACTOR

Guaranteed Service Since 1934

BRICK*STONE*WINDOWS*CONCRETE*TERRA COTTA

BUFFALO OFFICE

33 MAIN STREET
BOWMANSVILLE, NY 14026
716.684.3550

ROCHESTER/SYRACUSE OFFICE

1383 ROUTE 96
WATERLOO, NY 13165
315.568.0982

Visit us: www.rekelley.com

BEFORE



AFTER



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

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



Welcome to the latest edition of *The Lehigh Way*.

We are still mired in the pandemic but, despite a “new normal,” Lehigh continues to provide essential services to our clients, as we have done throughout this crisis.

Our cover story features our relationship with Unifrax in Tonawanda. This is a case study of Lehigh in action, with PRO services leading to smaller and then larger projects. Executing, over and over, builds our client relationships and trust.

Another Lehigh Industrial Services Division article explores our decades of expertise installing concrete equipment foundations for clients in industrial plants. Please check out the link that takes you to a great time lapse project video on our YouTube channel.

Lehigh is also very invested in the non-profit sector, serving many human service agency clients. It is always gratifying to play our part in repairing and improving the facilities that support the missions of these organizations. Our article provides a sample of some of the engagements we typically undertake for these clients.

Regular readers of the magazine have come to expect a Lehigh PRO article, so you won't be disappointed. Over our 36-year history, we've completed literally thousands of jobs for banks and financial institutions with Lehigh PRO leading the way. We could dedicate all of the pages of one magazine to the various “bank jobs” we've done, but this article outlines a few.

I started with COVID-19 and will close with COVID-19. Our Ask the Expert feature poses questions to Dr. David Duford, a Rochester-based industrial hygienist and president of CanAm Environmental Safety Inc. Dr. Duford completed his doctoral thesis on the impact of pandemics on public policy. He will address COVID-19 and the construction industry.

I always look forward to the feedback I receive after each new edition of the magazine finds its way to mailboxes, so please share your comments, as well as any suggestions on story ideas or how we might improve *The Lehigh Way*.

David E. Knauss

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

President

Contents

A Solid Foundation.....	4
Creative Options Save Building Time	6
You Can Bank on Lehigh's PRO Division.....	8
Meeting Non-Profit Customers Where They Are.....	10
Ask the Expert	15

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 association communications
and messaging. Please direct
inquiries to Aran Jackson at aran@
innovativepublishing.com.



www.innovativepublishing.com

A SOLID FOUNDATION

Lehigh Industrial Services Installs Equipment Foundations

by McKenzie Nalley

A half-million pounds of thrumming machinery, creating forces of more than 10,000 pounds per square inch, supported by a huge reinforced concrete foundation of exacting dimensions. Lehigh Industrial Services specializes in equipment foundations. For Lehigh clients, equipment is the lifeblood of their business. A properly designed, engineered and installed foundation ensures that an expensive piece of equipment will perform properly. Skimp on the foundation or just bolt the machinery to the floor, and the force and vibration generated may render adjacent equipment useless.

Lehigh completes equipment foundations for our manufacturing, chemical, pharma, food and agribusiness industrial clients. These can be as simple as housekeeping pads, to a block of concrete below a plant floor to support a new jib crane, to complex deep excavation press and mill foundations with pits, embedded steel and anchor bolts with tolerances of +/- 1/16 of an inch.

Recent installations included a printing press foundation for a specialty packaging company, a foundation supporting a robotic assembly machine used to make chassis for passenger rail cars, and foundations for a Compressed Natural Gas (CNG) station at a dairy plant.

Nick Sabal is Lehigh's Industrial Services' manager and oversees most equipment foundation projects from inception to completion. Client communication is always the first step: "It depends on the complexity of the foundation," Sabal said, "but basically we'll talk with the client, determine the tolerances on the equipment, and go over the foundation location and the building layout." Every client and every building is unique and has different requirements that need to be considered, whether it's how this new foundation will integrate



with existing processes or even how the Lehigh team and client will share the space during construction.

For new machinery purchases, the equipment manufacturer often provides guidelines on the foundation requirements. For used equipment or some manufactured internationally with no foundation drawings provided, Lehigh teams with a structural engineering partner to design-build the foundation.

A typical equipment foundation installation scope includes:

- Developing a specific safety plan and the temporary protection necessary to address Lehigh and client personnel safety and maintaining throughout the project
- Assessing and addressing any building structural considerations for access of construction equipment, modifications necessary to install the foundation, and the rigging and installation of the client's equipment



- Laying out, saw cutting and removal of the plant floor in the area of the foundation
- Excavating, which sometimes requires specialty equipment

- Piling or shoring for deep foundations or where unsuitable soil bearing conditions exist
- Forming foundations walls, pits and recesses
- Installing rebar and embedded steel
- Installing required utilities, such as electric, gas, air, water, drains and process piping
- Constructing grillage to install anchor bolts to exacting tolerances
- Placing, vibrating and finishing concrete, often very high strength
- Grouting the equipment in place after it is rigged and set on the foundation

The precise tolerances required on equipment foundations require painstaking checking and rechecking before the concrete is placed. Sabal said, “Before any concrete gets poured, we always double check all the dimensions, anchor bolt patterns and the layout of other embedded items, because once it gets cast in place, you don’t have a chance to change anything.”

A client can rarely cease operations entirely to allow for the new foundation construction, so it’s necessary that Sabal gathers as much information as possible ahead of time to keep the work as unobtrusive as possible. “Our goal is to do this job and get the foundation in with the least amount of disruption to their existing process and their people,” he said. “I ask them what their shifts are, ask them if there’s any equipment that’s running in the area that will be affected by construction vibration. We may have to change how we do undertake the project; maybe we’ll do a perimeter saw cut around the entire area so that the construction vibration doesn’t transfer through the slab.”

Keeping workspaces safe, clean and not too noisy is paramount for Lehigh. To keep both the client’s and Lehigh’s employees safe, Sabal will often isolate the workspace on the plant floor. A plywood and poly curtain around the work area will provide dust control and also limit the area to only construction personnel. Deep foundation excavation within a plant environment also requires strict adherence to OSHA guidelines.

But even with the extensive planning and forethought that Lehigh provides, it’s impossible to safeguard



against every unforeseen circumstance. More often than not, the construction process will encounter obstructions, unmarked pipes and utility lines beneath a floor that not even the client may have been aware of. It’s times like these that care, caution and flexibility come into play. Sabal recounted a job when the team encountered a mysterious, unmarked pipe: “It was just a black pipe running right through where we’re supposed to put this foundation. We contacted the utility and they determined it was the main gas line feeding the plant. Needless to say, the line needed to be relocated in order to install the new foundation.” Sabal also recalled a similar story involving a main plant power line running through an excavation.

It is also not uncommon that the building superstructure may require modification to get the new equipment into place. This might involve preparing an opening in an exterior wall or even the roof. Lehigh has even raised

the elevation of roof structures to accommodate new equipment. All of this must be considered in planning an equipment foundation installation.

Having the know-how to successfully, safely and efficiently deal with these kinds of obstacles is what sets Lehigh apart from other construction companies that infrequently venture into the industrial sector. As Sabal said, “Our superintendents, our field personnel, the guys who are delivering the jobs, their professionalism and their knowledge, is second to none in the industry. They’re always looking five steps ahead.” The experience that a team like Lehigh’s brings cannot be understated. Equipment foundation installation requires know-how, precision, flexibility and safety, none of which can be compromised.

Your equipment drives your business, so when planning for the complexities of a new installation, the Lehigh Way is the way to go.

CREATIVE OPTIONS SAVE BUILDING TIME

Lehigh Construction Saves Client Unifrax Weeks on the Job

by Meg Kennedy



In August 2019, Lehigh Construction Group broke ground on a massive project with its client Unifrax, a global leader in high-performance specialty fibers and inorganic materials used in high-temperature industrial, automotive and fire protection applications. Starting an important project with Unifrax was not unusual.

After all, this was only one in a string of projects Unifrax has chosen to partner with Lehigh on, but this project happened to be on a rigorous timeline and faced the impending winter months. However, because of Lehigh's reputation with Unifrax for quality work and the relationship built between Mike Quigley, project manager at Lehigh, and Andres Clavijo, who oversaw the project for Unifrax, the client knew Lehigh was up to the challenge.

Lehigh's relationship with Unifrax started years ago with smaller projects. "We started with PRO projects, which is our building repair and maintenance division with jobs under \$25,000," said Quigley. "We installed doors, catch basins, bollards, siding, concrete, whatever they needed in that realm. We've been doing that for years." Then came Unifrax's interest in slightly bigger

projects. "They were looking for some siding, which is one of my specialties, and I just did a small project ... using siding and framing. We took care of them and did a good job, and they were quite happy with how it worked out."

Their success with these early projects led to additional work with Unifrax. When larger projects came on the horizon, that's when Clavijo became involved. "He came on-site when Lehigh added three pre-engineered buildings to the outside of the site," said Quigley. "We did a lot of concrete renovations, demo and new interior structures. That was where I first connected with Andres." This connection laid the foundation for a more expansive project where time was of the essence.

Based on past success, when Unifrax wanted to raise another building on a tight schedule, they knew Lehigh could

deliver. "We value good partnerships and a teamwork approach to major projects," said Clavijo. "So, when it was time to start a new major building effort, renewing a successful relationship with Lehigh was not only natural, but good business that I feel set us up for success."

"They wanted to do another building the same size as they had before," said Quigley. "But they needed this done in a quicker time frame. Marty Knauss, project group manager from our office, suggested that instead of doing pre-engineered that we should look at doing precast to save them time, because time was the issue."

Lehigh's experienced team analyzed the project and used creative problem-solving and hard work to shave time off the extensive construction process. "We're working with a 90,000-square-foot



building, with a couple different roof heights, but most of the building is right in the 40-foot-tall range,” said Quigley. “By doing it with the precast concrete, we saved them between weeks and months at that point in time, instead of using the other system. The time of year it was coming into, we needed to do that so we could get roof cover and get our concrete in over the winter.”

Lehigh was successful. After breaking ground in August 2019, the team assembled the precast walls for the building in an astonishing 11 days (watch a time lapse video of the process at youtu.be/SL-IDtcFJV4), and the concrete was completed by the end of January 2020. “Trying to do a pre-engineered system at this time of year, we would’ve been behind,” said Quigley. “There would be no way we could’ve kept up with that schedule.”

But keep up they did. The Lehigh crew did all the electrical, plumbing, HVAC, sprinklers and painting on the site. They also installed both overhead and man doors, as well as a dock. On the exterior of the building, Lehigh created ponds, a fire road, a loop road around the building and parking lots.

“Working with Mike and his on-site superintendent, Jack Bouquin, has been successful because as is typical for a project of this size, flexibility is key,” said Clavijo. “Flexibility with scheduling and execution as project timelines and priorities change, while looking forward to find solutions rather than dwell on the problems.”

With Lehigh’s help, the major building project was streamlined for time and labor — and Lehigh will bring this same expertise to their next project with Unifrax, building out the interior of another of their buildings.

“Lehigh has been a good partner to Unifrax, and if we’re fortunate to continue expanding in Western New York, it’s a partnership that we’d like to continue,” said Clavijo. “Unifrax is committed to Western New York and we’re happy to work with a local company like Lehigh that is as committed to the region as we are.”

“We like to do repeat work, and you see it exactly in this project,” said Quigley. With frequent communication with the Unifrax team and some creative problem-solving, Quigley and the rest of the team embodied Lehigh’s value of finding ways to do things that seem impossible and

treating clients in a way that earns their repeat business.


“Once we get into a spot, we do a lot of repeat work,” said Quigley. For any potential clients with a slate of future projects, Lehigh makes an ideal partner, even when constraints seem impossible. “That’s how we operate. We’re not looking to make a quick buck on a job. We want to do the next job. It’s all about the relationship.”

To find out more about Lehigh’s new building and building addition capabilities, visit www.lehighconstructiongroup.com/new-building-construction.

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

You Can Bank on Lehigh's PRO Division

A Conversation with Lehigh PRO Group Leader Jon Wilcox

by Kelsey Castaneda

We have all seen it. That scene in a TV show where bank robbers blast through a wall of windows, or that scene in a film where an elderly person accidentally drives right through the bank's front doors. But have you ever thought about how these incidents actually get repaired in reality?

What happens after the front doors have been plowed down by that car, or after a storm sends a light pole crashing through a bank's roof? Lehigh Construction's Professional Response Organization (PRO) Division managers and technicians are experts at handling any emergency or maintenance issue, big or small, that your bank might face, including everything from extreme circumstances — like those front doors — to smaller concerns.



What Is Lehigh's PRO Division?

Lehigh does all types of construction work, but the PRO Division focuses solely on facility management, emergency work and smaller building repairs.

Jon Wilcox, the PRO Division group leader, has been with Lehigh for more than 16 years. He described the PRO Division as any project “under \$25,000. Our crew goes and estimates a job, then we provide bid options and do the work *immediately*.” The PRO Division might complete small repairs, such as filling in a pothole in a parking lot, or larger jobs, such as small branch renovations and emergency work.

Lehigh's PRO Division – Unique in the Construction Industry

The PRO Division “wants to work for the customer and make them happy,” causing the least amount of disruption to a facility's normal operation. This means that they often build temporary protections so that clients can keep their businesses running smoothly.

Wilcox provided this example: “Let's say a car drove through a bank's front door. PRO will do an emergency repair

so that the bank can keep running, and do other repairs around hours that won't affect their business. Recently, one of our clients had an elderly customer drive through the side vestibule of a bank and come out the other side of the bank. I had a crew there within three hours with all of the materials they needed. We boarded up the bank and put on new lock sets so that the bank would be secure for the night.

“I then priced up what it would cost for all new glass, doors, drywall, the ceilings, the electrical, so on. After a little haggling with the insurance company, we got it approved, and the bank was just like brand new, only two or three weeks after the accident happened.”

Lehigh's History with the Banking Industry

Since its founding in 1984, Lehigh has had an excellent relationship with the banking industry. Lehigh has a long history of renovating banks, credit unions and other financial institutions. From its first project with Liberty Bank in Getzville, New York, to today, Lehigh currently has an extensive banking clientele that

includes Bank of America, Northwest Bank, Key Bank, Five Star Bank, M&T and many more.

Wilcox noted, “One of the clients that we do a lot of work with is Bank of America. Pretty much any problem that they run into, no matter what it is, it goes to us. We do some interesting things for our banking customers. For example, I once got a call because a bicycle was 10 feet up in a tree on a property. We do fix windows, fences and other emergency situations, but we run into all types of different requests and do our best to meet them for our banking customers.”

Lehigh's PRO Division: Perfect for Banking Customers

Wilcox described the PRO Division as being “geared for taking care of multiple locations for facility managers who are very busy.” As a bank might have several branches within a certain location, let's say 20 branches in a 30-mile radius, working with a Lehigh PRO team makes life easier, not only for each individual facility manager, but for Lehigh as a whole because the company simply calls them for their maintenance and repair needs for all of their branches.

A PRO Services Manager (PSM) works directly with a financial institution's facility manager to handle everything that the facility needs. If subcontractors are needed for a specific job, the PSM handles that, too. “The last thing a facility manager needs to deal with is a lock not working on a door at the end of the night when they are trying to lock up and go home,” Wilcox said.

Lehigh also takes care to ensure that insurance requirements are met and up to date. “Because we have been doing this for so long, we are a preferred vendor for banks, and we have our insurance geared for working in financial institutions,” Wilcox stated. Insurance requirements often include safety orientations, company IDs and more.



PRO Team, PRO Experience

When you hire a Lehigh PRO team to manage repairs for your financial institution, you really are hiring the best — they are pros, after all. This is because Lehigh makes sure to support their workers and encourages them to stick with the company, and continue to build their careers. Often in the construction industry, workers hop around from company to company. At Lehigh, Wilcox estimates that more than half of their 65 employees have been with the company for over 20 years. Wilcox has been with Lehigh for over 16 years and started out working in the PRO vans before eventually working his way up to PRO group leader.

Visit the new website, lehighconstructiongroup.com/lehigh-pro, to learn more about the PRO Division. You'll quickly notice that there is no construction job too big or

“I work with a good group of hardworking professionals who have been there a long time, who have a ton of experience, and I know the job will always get done right.”

—PRO Group Leader Jon Wilcox

small for Lehigh. Its PRO Division is just one facet of all the Lehigh Construction Group has to offer its banking customers. From new builds to design-builds, bank additions, office renovations and general construction, Lehigh can do it all. Want to repair those uneven sidewalks before colder weather arrives this winter? It might be time to bank on the PROs at Lehigh.



Meeting Non-Profit Customers Where They Are

Lehigh Serves Non-Profits and the Community

by Meg Kennedy

Lehigh Construction Group operates based on a clear set of values and two guiding principles: Work hard and treat people right. While these ideals are present in all of Lehigh's projects, they especially shine through in the company's support of area non-profits.

Lehigh has increasingly made efforts to cultivate relationships with non-profits in Buffalo and Western New York, as it has sought to leverage skills and values while simultaneously increasing its client base and service offerings. "Much of Lehigh's success with the non-profit clients comes from being responsive and being able to guide clients who may not be familiar with construction through the process to achieve their goals," said Doug Eberhardt, marketing and communications director at Lehigh.

Will Randolph, who serves as estimator and PRO Service Manager, has a mission of his own when it comes to non-profits. Echoing Ralph Waldo Emerson, who said, "It is one of the most beautiful compensations of life that no man can sincerely try to help another without helping himself," Randolph mused that "being paid for my work is great, but true compensation resides in serving those who serve."

Guiding and advising non-profit clients have become a specialty of Randolph's. In meeting clients where they are, he is always looking for ways to close the gap in construction knowledge and funding with material alternatives, product education and value engineering. Asked about recent projects, Randolph said, "Most projects go like clockwork, but if they don't, we're very adaptable, so when circumstances change, we're able to deal with that without breaking the bank."

"Certainly the idea of value engineering is forefront in the conversation when discussing potential projects. Finding the right materials, means and methods to deliver an objective is paramount, as cost is always a concern," said Randolph. "Start with the ideal, dreamlike version of the client's vision for a project and walk it back until you arrive at what is practical and achievable."

The Lehigh team's experience and compassion in this area have made them a frequent partner for non-profits supporting the Western New York area. Following are four examples of these partnerships and how Lehigh helped close the gap.

Aspire of WNY/People Inc.

The Project: We performed bathroom remodels at several of Aspire's 25-plus residential group homes for individuals with disabilities. Aspire's mission is to support children and adults with developmental and similar disabilities, helping them to live their lives to the fullest by providing individualized assistance based on personal choices.

The Story: Aspire provides community living opportunities "for people who would have, in the system of 20 years ago, been institutionalized but now have a place to call home," said Randolph. "A lot of the clients go out for day programs but return each night, as it is home for them. I'm working for the residents as much as Aspire; it's their home."

Lehigh developed a proven system for helping Aspire and a similar organization, People Inc. (a residential setting provider that serves Western New York), renovate aging bathrooms and make ADA or

need-specific accommodations. "It's something we've come up with ... a sort of boilerplate approach for," said Randolph. "We're replicating materials and colors, so we can maximize our in-and-out time and gain efficiency that way. Also, we've come up with a material selection that serves their needs, so we can approach everything knowing exactly what they need and how to do it. For Aspire, we've done four or five bathroom remodels, and for People Inc., we're well past 20. We're finding the right sort of materials and making them bullet-proof to meet those needs. If you need a wheelchair using the bathroom, you probably don't want a tile wall. We've come up with materials that are aesthetically quite pleasing but also represent a utility."

In Randolph's view, at Aspire, "they do a wonderful job encouraging independence and ensuring a good quality of life for their residents." Lehigh assists with making those surroundings safe and suited to the clients' needs. For more information about Aspire of WNY, visit www.aspirewny.org.



Evergreen Health

The Project: Maintenance and renovations, from historical building repairs to commercial upgrades on new buildings

on Evergreen Health's sprawling campus. Evergreen Health, formerly AIDS Community Services, fosters healthy communities by providing medical, supportive and behavioral services to individuals and families in Western New York, especially those who are living with chronic illnesses or who are underserved by the health care system.

The Story: Founded in 1983 to address the HIV and AIDS crisis in Buffalo and Western New York, the organization now serves a variety of community needs, including those with addiction. "With the opioid crisis, they've been a regional player in the harm reduction model versus the abstinence-only model," said Randolph. Lehigh's support is critical in maintaining Evergreen's real estate network, encompassing nine clinics and additional office buildings. "Evergreen is a campus setting, so they have a combination of older and new buildings and lease spaces," said Randolph. "They service the east side of the city with a walk-in clinic, and a downtown clinic with case manager offices and medical facilities. Evergreen is a pretty wide-ranging one-stop shop." Not only does Lehigh help the non-profit maintain their existing facilities, but also helps them accommodate their continual growth. "They're a pretty dynamic organization, so they always have people shifting around on-site or between sites."

Supporting Evergreen benefits the non-profit, but it also provides a path to personal development and compassion for Lehigh's field team. According to Randolph, the project provides an opportunity "for the field guys to cultivate empathy and compassion, stripping away some of that judgment and stereotypes or phobias. These places provide us with an opportunity to grow as people, and to appreciate that the culture is much larger than we give it credit for sometimes."

Randolph admires the way Evergreen pursues supporting their community. "They're pretty impressive. They seem to always want to grow their service offerings." For more information about Evergreen Health, visit www.evergreenhs.org.

Cazenovia Recovery Systems

The Project: Residential maintenance, repairs and renovations, as well as grant application support for Cazenovia Recovery Systems as they provide sub-



stance use disorder treatment and support through a continuum of residential and clinical recovery services.

The Story: "Cazenovia does residential substance abuse treatment, and there are a couple of different layers to that," said Randolph. "There is monitored, long-term, in-house rehabilitation, and there are halfway houses and supported living." Lehigh supports the non-profit with much-needed residential work, including bathrooms and kitchens. But the support doesn't end there.

"In terms of meeting clients where they are rather than where we'd want them to be, Cazenovia doesn't have in-house construction staff, so my role there is a little bit different. It goes back to that idea of value engineering. There's a lot more from my end in just going through order of operations and explaining what the remedies might be, and then trying to find out what their expectations are and presenting them with a remedy. Quite often, we have a client walking through the door who knows exactly what they want and what they expect to pay for it." Cazenovia will usually approach Randolph with a need, seeking advice on a solution. "I tend to give them three or four choices and pro/con each of those choices."

Lehigh seeks to support Cazenovia and each of the non-profits they work with in any way they can, down to "even a little bit of the routine maintenance stuff that they don't have the capacity to do in house, like just cleaning a gutter." For more information about Cazenovia Recovery Systems, visit www.cazenoviarecovery.org.

St. Luke's Mission of Mercy

The Project: Gospa Village, six multi-room, single-family homes for single mothers and their children. The mission statement of the Gospa Village Project is "to provide a safe, wholesome family

environment for single mothers and their children as they obtain the skills necessary for independence. Each family will be involved in a program that responds to the unique situations they face within the framework of faith, family and education. We seek to preserve the utmost respect for the family as the fundamental unit of society. We offer our support freely, in mercy, without judgment."

The Story: "They serve an economically disadvantaged area of the city," said Randolph. "The Gospa Village piece speaks to their desire to see women and children in affordable housing instead of subject to predatory landlords or other unsafe conditions. The best way to describe the people at St. Luke's (which is principally run by women) is that they're living their faith. They're walking the talk, so to speak. Dave Knauss, the owner of Lehigh Construction, has had a long-term relationship with them both in providing construction services and as a benefactor." Creating an environment like Gospa Village had long been a goal for St. Luke's, and Lehigh worked alongside them to gather partners and make the dream a reality. Now that construction is complete, Lehigh's support is far from over.

According to Randolph, Lehigh's PRO Division is continuing to provide support with ongoing building repairs and maintenance. "Anytime they have a leaky faucet, a door that's not working right, a kitchen cabinet that's squeaking — we have an ongoing maintenance relationship with them to address their needs." St. Luke's also has a school and food pantry, serves hot meals and acts as a Code Blue location, meaning that during the winter when temperatures are below freezing, they open up as an emergency shelter for the homeless population. "They're rock solid. I'm always impressed and pretty humbled in their presence."

For more information about the Gospa Village at St. Luke's Mission of Mercy, visit www.gospavillageproject.org.

While Lehigh Construction works with private customers across all industries and sectors, working with non-profits continues to be an important part of contributing to the Western New York Community.

For more information, visit www.lehighconstructiongroup.com/project-type/non-profits.

Proud to partner with
Lehigh Construction Group, Inc.

Almost **50** 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



ADMAR Buffalo

1394 Military Road

Tonawanda, NY 14217

716.873.8000 | admarsupply.com

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

MCC

www.maderconstruct.com
716-655-3400

BRAWDY
EST. 1951

**CONSTRUCTION
INC.**

Concrete • Masonry

**Building WNY
Since 1951**



www.brawdyconstruction.com

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.



INNOVATIVE
PUBLISHING

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



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



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



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

*Are you standing on our
floors?*



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



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



MOST SOUGHT AFTER

Specializing in Commercial Interior Build
Outs including Millwork and Exterior
Cladding Systems

716-652-5700

www.gypsumsys.com

640 Pound Road Elma, New York 14059

Please visit our website:
www.lehighconstructiongroup.com



Authorized Dow Silicone Distributors
Sealants • Adhesives • Waterproofing • Firestopping
Mineral Wool • Dow Styrofoam, Thermax (C), Tuff R (C)
• FRP • EIFS • EPS

NYS DOT Approved Materials
Highway Pavement & Bridge Products

203 St. Mary's Street, Lancaster, NY 14086
716-684-6060
Tom Casasa 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 Casasa 716-553-5825

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



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



Lumber



Plywood



Millwork



Building
Materials

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



Ask the Expert:

Dr. David Duford, CIH, CHMM

President at CanAm Environmental Safety Inc.

The construction industry in Western New York has always experienced challenges with design and building due to many factors, such as weather, scheduling and other environmental-related issues, to name a few. As we continue to deal with the effects of the coronavirus pandemic, industrial hygiene and environmental concerns have become more important. Dr. David G. Duford is a certified industrial hygienist (CIH) and hazardous material manager (CHMM) for CanAm Environmental Safety Inc. Dr. Duford has worked as an expert witness and specializes in occupational health, construction safety and EH&S compliance. We asked Dr. Duford about his thoughts regarding the future of industrial hygiene and environmental compliance as a result of the COVID-19 experience.

Q: Your doctoral research focused specifically on policy implications from pandemic impacts. What general policy changes have you seen in construction as a result of the COVID-19 pandemic?

A: My doctoral dissertation looked at what one might call “good, old-fashioned public health.” That is, if someone is infectious, do not let them give it to someone else. It is all about prevention. The spread of viruses from person to person and throughout the workplace is not going away. The coronavirus disease 2019 (COVID-19) pandemic has raised many questions about the transmission of the virus that causes COVID-19. It is believed that transmission can occur in three ways: through direct contact with an infected person, by contact with contaminated surfaces and through airborne transmission. On a construction site, workers may encounter asymptomatic, pre-symptomatic and symptomatic individuals who are infected. Infected persons may expel airborne particles containing the virus or contaminate nearby surfaces with it.

A COVID-19 policy and standard operating procedures should be prepared based on the latest construction industry guidance by CDC, OSHA and AIHA. CDC’s recommendations for maintaining healthy business operations include designating a competent COVID-19 “safety and health officer” at every job site. OSHA’s guidance recommends the use of engineering controls, such as barriers to separate workers when working indoors, and administrative controls, such as the use of screening questions to assess the risk of work assignment where others may be present. AIHA guidance recommends that contractors maintain daily “approved visitor” logs. Nevertheless, wearing masks, social distancing, hand hygiene, screening workers for illness before they enter job sites and revisiting sick leave policies has become the “new normal.” I believe it will stay that way for a long time.

Q: Safety and industrial hygiene have always been underlying core values at Lehigh with a strong focus on personal protective equipment (PPE), regular safety training and an industry alliance with OSHA to emphasize our commitment to safety. The industry has traditionally been a leader in safety and protecting employees and clients, but are there specific changes you see coming to construction safety?

A: The construction industry will see a bigger focus on public health and employee health during construction projects. An increased public awareness on the spread of disease through the environment will require construction companies to do things not historically done on job sites. More COVID-19 exposure controls will become commonplace on job sites, such as: 1) providing more handwashing stations, 2) establishing negative pressurized work areas, 3) HEPA air scrubbing work areas, 4) scheduling work to avoid “trade stacking,” or situations in which multiple employers have employees working together in small spaces, 5) increasing ventilation rates, and 6) scheduling safety meetings in small groups to maintain 6 feet of distance between participants.

Now that contractors know COVID-19 is a potential occupational health hazard and can be spread from worker to worker, employers will have to demonstrate, through updated compliance programs, that workers are trained and supervisors are competent in COVID-19 job site safety. All workers will need updated training as it relates to COVID-19 and their job functions.

Q: Do you see an increase in building owners’ interest in indoor air quality and sick building assessments?

A: Absolutely! Indoor air quality is an important topic that continues to gain supporting evidence showing construction activities adversely impact our indoor and outdoor air in many ways, during

and after projects. Often, building owners, architects and governmental agencies require indoor air quality testing and community air monitoring before, during and after construction projects.

Q: What is the biggest mistake you see companies commit regarding industrial hygiene?

A: Industrial hygiene is the science of anticipating, recognizing, evaluating and controlling workplace conditions that may cause workers injury or illness. Industrial hygienists use environmental monitoring and analytical methods to detect the extent of worker exposure and employ engineering, work practice controls and other methods to control potential health hazards.

The biggest mistake companies make regarding industrial hygiene is the lack of upper management understanding or commitment to the industrial hygiene compliance program. Effective management of worker safety and health protection is a decisive factor in reducing the extent and severity of work-related injuries and illnesses and their related costs. Four general elements that are critical to the development of a successful safety and health (industrial hygiene) management program include:

1. Management commitment and employee involvement
2. Work site analysis
3. Hazard prevention and control
4. Safety and health training

Conclusions

Protecting workers and others from COVID-19 on construction sites presents substantial challenges, in part because we have more to learn about how this disease is spread and how best to prevent it. The procedures we take now to protect our workers and the community from COVID-19 disease will likely be applicable to other infectious agents we are already facing and new agents we will inevitably face in the future.

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