



## Project Name: Tallahassee Memorial Healthcare – M.T. Mustian Center

Location: Tallahassee, FL

Contractor: Miller's Plumbing & Mechanical Inc.

Application: Domestic Water, Medical Gas

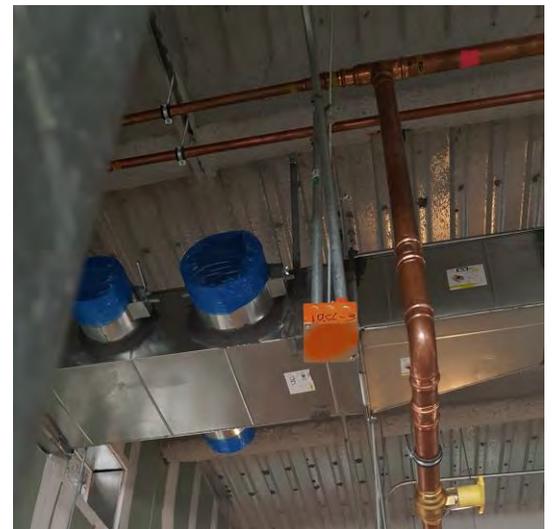
In late May 2016, groundbreaking took place for a large, state-of-the-art addition to the Tallahassee Memorial Healthcare (TMH) campus in Tallahassee, Florida. The M.T. Mustian Center, named after the hospital's first CEO, is a brand new, five-story, 340,000 sq. ft. surgery and critical care building that will include 28 operating rooms and 72 adult medical/surgical intensive care suites that will replace all existing operating and ICU areas. This \$250 million project was designed by Gresham Smith & Partners and is the most ambitious project in TMH's 67-year history.



The project's general contractor, Brasfield & Gorrie, is a large construction firm based in Birmingham, Alabama that has completed approximately 1,500 hospital projects across the country. The domestic water piping and medical gas systems were installed by Miller's Plumbing & Mechanical Inc. Miller's Plumbing has been providing plumbing and mechanical system installations for more than 40 years in commercial buildings of all types.

In collaboration with Engineering & Equipment Co., the local wholesale distributor, Miller's Plumbing installed approximately 85,000 lbs of Mueller Streamline copper tube along with Streamline ½" – 4" copper press fittings for the building's domestic water system; Streamline copper tube and copper sweat fittings were used for the medical gas piping throughout the hospital addition.

The M.T. Mustian Center will be a welcome addition to the TMH campus after discussions began more than 10 years ago. Once the surgical center is complete, TMH hopes to reach a 100-mile radius, doubling the 50-mile radius currently serviced. This building will modernize the hospital facilities and expand the level of care and services offered, and after approximately 30 months of construction, this transformative building is expected to begin admitting patients in early 2019.





## Project Name: LaGuardia Airport – Concourse B

Location: East Elmhurst, NY (Queens)

Contractor: Anvil Mechanical Inc.

Application: Mechanical Piping

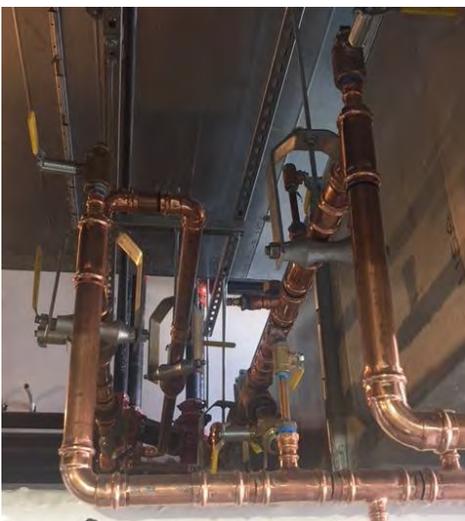
In late summer 2018, Terminal B, or the Central Terminal Building at LaGuardia International Airport, will open as the first part of a complex, multi-phase \$8 billion renovation project. This multi-year project will transform an outdated structure into a 21<sup>st</sup>-century world class transportation hub, and includes updating of all LaGuardia's terminals and improved access to and from this bustling New York City airport. Concourse B, the first of two concourses in Terminal B, includes new mechanical piping systems which have been installed using Mueller Streamline copper tube, copper sweat fittings and copper press fittings.



Facilitating this installation was the approval of Mueller Streamline press fittings by the Port Authority of New York and New Jersey (PANYNJ) which operates the three major airports and other transportation facilities. The PANYNJ builds and maintains specific infrastructure in these states and approves what materials (and manufacturers) will be used. Being approved by the PANYNJ was a significant milestone, and Dellon Sales Company (Albertson, NY) was instrumental in achieving this prestigious approval and in working with the project contractor, Anvil Mechanical Inc. (Mount Vernon, NY), to have Mueller Streamline products submitted to WSP (engineering firm in New York, NY) and installed in Concourse B.

In collaboration with Anvil Mechanical, Ideal Supply Company (Jersey City, NJ) provided all the copper tube and fittings for the Concourse B installation. Ideal Supply is a family-owned PVF distributor that has been serving the New York City and surrounding areas for more than 85 years. According to Lenny Ricci, Anvil's chief plumbing estimator, "Mueller and Dellon have done a terrific job from working with the engineer for approvals to having us partner on the job with Ideal Supply. They've been very helpful with training, multiple job inspections and ensuring Ideal has what we need all the time."

The modernization of LaGuardia's deteriorating infrastructure will be welcome change for the more than 30 million passengers utilizing this airport annually. With this rebuilding project, LaGuardia will be the first entirely new U.S. airport built in more than 20 years.





## Project Name: Nassau Veterans Memorial Coliseum

Location: Uniondale, NY

Contractor: Seaford Avenue Corporation

Application: Domestic Water

After 44 years of hosting many sporting events, concerts and trade shows, the Nassau Veterans Memorial Coliseum closed its doors in August 2015 to begin a 17-month, \$165 million complete renovation of the facility. The Nassau Coliseum is located on 77 acres in Uniondale, NY on Long Island, and was home to the New York Islanders (NHL) for more than 40 years. Since this indoor arena originally opened in 1972, other professional sports teams have called this venue home, and many musical artists have performed including Elvis Presley, Queen, Pink Floyd and Billy Joel.



Seaford Avenue Corporation was subcontracted by the engineering/building firm AECOM Hunt to install the plumbing piping for the coliseum renovation, and worked with Dellon Sales Company (Albertson, NY) and Blackman Plumbing Supply (Bayport, NY) to provide Mueller Streamline copper press fittings for the domestic water systems throughout the complex. Also used on the project were Mueller Streamline copper sweat fittings, copper tube and low pressure valves.

Seaford Avenue Corporation, located in Massapequa, NY, has been providing commercial plumbing services in the New York City area for more than twenty years.. Seaford understood the benefits of Mueller Streamline press fittings and how this product would allow the installation to be completed smoothly. Mike Scott, Seaford president and owner, said “we’ve been installing Mueller for 25 years, and when they approached us about installing their PRS System on such a premier job it was a no brainer. The product was trouble free, no leaks. The time, training, service and attention our team received directly from Mueller and their partners at Dellon Sales and Blackman was outstanding.”

When the Nassau Coliseum opened in April 2017, Seaford Avenue was excited to have played a part in the huge transformation of this 416,000 square-foot premier entertainment destination. After its re-opening, Billy Joel performed the arena’s first post-renovation event, the Ringling Bros. Barnum & Bailey Circus held its final show on May 21<sup>st</sup> and the New York Islanders will play a preseason game in September.





## Project Name: JH Kelly Office & Fabrication Facility

Location: Vancouver, WA

Contractor: JH Kelly

Application: Rough Plumbing

Early in 2017, JH Kelly broke ground on a large office building and fabrication facility in Vancouver, WA. This project included a new building attached to an existing building requiring some renovation. This structure was developed in collaboration with the City of Vancouver, on a 5-acre EPA superfund site. The location had been considered unsafe and polluted, and JH Kelly worked with the city and others to clean up the site and transform it into a state-of-the-art fabrication and office facility. All of the old rough plumbing inside of the existing buildings was removed and replaced using ½" – 2" Mueller Streamline PRS copper press fittings.



JH Kelly, a family-owned company with headquarters in Longview, WA, is a multi-disciplined commercial construction company and installed the rough plumbing in their new Vancouver building. JH Kelly was founded in 1923, now has four locations in the state of Washington and is one of the largest mechanical contractors in the nation. The Streamline copper press fittings installed by JH Kelly were provided by Mesher Supply Company (Portland, OR). Mesher is a family-owned business founded in 1918 with three Oregon locations.

The construction and renovation of this Vancouver structure, which was completed in late 2017, has allowed JH Kelly to consolidate three Vancouver-area facilities into one building for warehousing and fabrication of metal piping materials. This consolidation will allow JH Kelly to be more productive and efficient, and better able to serve their markets in Portland and Southwest Washington. The new facility is now home for project managers, engineers and other staff members, assisting in JH Kelly's plans for continued innovation and growth, while providing a boost for the local economy now and into the future.



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## Project Name: Merrimack College – North Campus Academic Pavilion

Location: North Andover, MA

Contractor: Denron Plumbing & HVAC, LLC

Application: Domestic Water

On Friday night, September 30<sup>th</sup>, 2016, Merrimack College broke ground on the first new academic building in nearly thirty years. This long-awaited groundbreaking was celebrated by a campus block party and fireworks for students, staff and neighbors. The new North Campus Academic Pavilion, anchored by Crowe Hall, is a 3-story, 50,000-square-foot building. The Pavilion includes the Girard School of Business, 14 modern classrooms, a business advising center, the Mucci Markets Lab, the Financial Capability Center and conference and event space. This building was funded by the “Together for Good” campaign, an historic fundraising effort intended to fund several of Merrimack’s programs and priorities designed to transform the college and set it apart from others.



Denron Plumbing & HVAC, LLC, based in Manchester, NH, installed Mueller Streamline PRS copper press fittings on rough plumbing in the restrooms for the domestic water system. For more than 40 years, Denron has been a presence in New England and provides plumbing and HVAC installations and service, as well as design-build and pre-fabrication services for multiple markets. The Streamline PRS copper press fittings were supplied by The Portland Group, a fourth generation wholesale distributor of plumbing and HVAC products, is based in Billerica, MA. The Portland Group distributes their products through 11 wholesale locations throughout Massachusetts, New Hampshire, Rhode Island and Maine, and has been operating for almost 90 years.

The installation of Mueller Streamline PRS copper press fittings in the North Campus Academic Pavilion, with collaboration between Denron Plumbing and The Portland Group, has played a part in this exciting new addition to Merrimack’s campus footprint. The Pavilion, which opened in August 2017 for the new academic year, helps fulfill the college’s mission of modernizing campus facilities and enhancing learning environments. Merrimack College is an independent, private, multi-cultural college founded in 1947, with approximately 4,000 students.



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## Project Name: Unilever US, Inc. – North America Headquarters

Location: Englewood Cliffs, NJ

Contractor: Armistead Mechanical, Inc.

Application: Domestic Water, HVAC

Late 2009, Unilever announced plans to relocate its Chicago-based group of 200+ employees to its North America headquarters in Englewood Cliffs, NY. Unilever is a large consumer goods company and decided to combine its personal care businesses in one location to leverage resources and drive growth. The 325,000 sq. ft. structure sits on a 23-acre property across the Hudson River from New York City. The aging infrastructure of this building had become inefficient for the current workforce and company culture. Unilever's plans for redevelopment and expansion of the facility were intended to create a collaborative work environment and foster interaction among the 1,600+ employees. Unilever's commitment to its employees and the environment prompted this modernization of the property into a sustainable, state of the art, LEED Platinum facility, utilizing the latest smart building technologies. Substantial completion is scheduled for late 2017.



Armistead Mechanical, headquartered in Waldwick, NJ, installed the plumbing and HVAC systems including new mechanical rooms in the building's renovation, using Mueller Streamline PRS copper press fittings and sweat fittings. Armistead Mechanical is a full-service mechanical contractor serving the New York/New Jersey area for almost 100 years. The copper press and sweat fittings were provided by Ideal Supply Company (Jersey City, NJ), a family-owned PVF distributor that has been serving the New York City and surrounding areas for more than 85 years.

The installation of Mueller Streamline press and sweat fittings, with collaboration between Armistead and Ideal Supply Company, is now part of this newly renovated office building that will provide a healthy and productive work environment for Unilever's employees, while generating substantial environmental benefits including reduced water demand via low flow plumbing. Unilever has been in this location for over 50 years and is committed to maintaining its strong presence in New Jersey. This new distinctive corporate office building will be one of the most intelligent, energy efficient and technologically advanced facilities on the East Coast.



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## Project Name: University of Southern Indiana – Physical Activities Center

Location: Evansville, IN

Contractor: Deig Brothers Lumber & Construction Co.

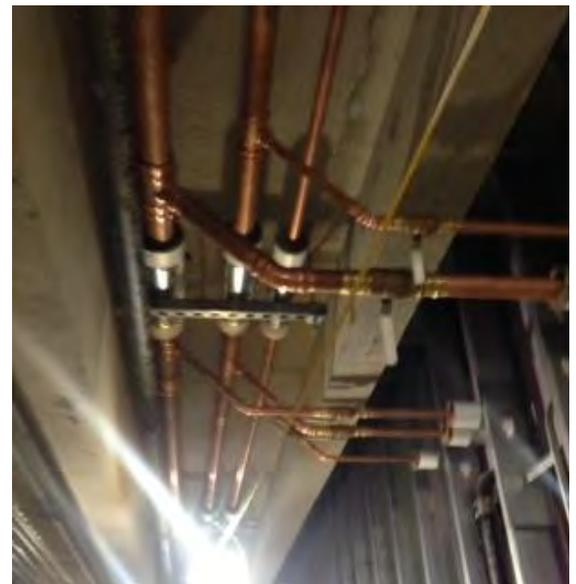
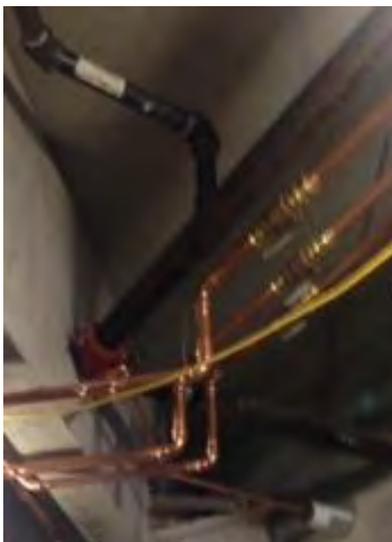
Application: Domestic Water, HVAC

In May 2017, work began on the University of Southern Indiana's Physical Activities Center (PAC) in Evansville, IN. This 2-phase expansion and renovation project will add more than 200,000 square feet to the existing building and involve renovation to the rest of the structure. The current building is strong but needs a facelift. This \$66 million project includes a 4,300 sports arena, locker rooms, concessions, a Kinesiology and Sport Lab, an aquatic facility and updates to the utility infrastructure. Phase 1 of this project includes the sports arena and will be ready in the fall of 2018 for the Screaming Eagles basketball season. Phase 2 of the PAC should begin in the spring of 2019 and be completed in 18-21 months.



Deig Brothers out of Evansville, IN installed the domestic water and HVAC systems in the Phase 1 sports arena, using Mueller Streamline copper tube and ½"-4" copper press fittings. Deig Brothers is a multi-disciplined contractor providing MEP and other services to the tristate area of Indiana, Illinois and Kentucky. The copper tube and press fittings were supplied by Plumbers Supply Company, headquartered in Louisville, KY. Plumbers Supply Co. is a multi-branch PVC, plumbing and HVAC distributor with locations in Indiana and Kentucky, providing wholesale service for more than 90 years.

The installation of Mueller Streamline copper tube and press fittings, with collaboration between Deig Brothers and Plumbers Supply Company, is now part of this new home for the USI Screaming Eagles and their nationally-recognized basketball and volleyball programs. This facility promises to be a beautiful addition to the USI campus and a transformative event for university. It is believed that this new Physical Activities Center will be the nicest Division II level arena in the country and will have a tremendous positive impact on USI's entire sports program.



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## Project Name: States Logistics Services, Inc. – Distribution Facility

Location: Fontana, CA

Contractor: WP Johnson Plumbing

Application: Facility Water

2018 marks the 60<sup>th</sup> year in business for States Logistics Services, Inc., a third-party logistics company (3PL) providing integrated supply chain services to more than 300 customers in Southern California and Arizona. Founded in 1958, States Logistics has grown to a full service provider of logistics services including warehousing, transportation and packaging. States Logistics operates 10 facilities totaling more than 4 million square feet of warehouse space with a fleet of more than 60 company trucks. In 2016, States Logistics made improvements to their Fontana, CA facility at 11265 Beech Ave. Within this 435,000 square-foot building, an interior build-out was completed under the management of PREMIER Design + Build Group, LLC; the build-out improvements included a 12,000 square foot finished office space with restrooms, conference rooms, a trucker’s lounge and a two-story lobby.



WP Johnson Plumbing (Anaheim, CA) was part of PREMIER’s design build team for this project, and installed 1,000 feet of 3” Mueller Streamline copper tube and more than 100 3” Mueller Streamline PRS copper press fittings. The copper tube and fittings were installed along the rafters from one end of the building to the other in order to provide water distribution for the newly constructed office area. WP Johnson Plumbing has more than 50 years of experience and provides extensive design build mechanical services for clients throughout Southern California. The Streamline PRS copper press fittings and copper tube were supplied by Express Pipe & Supply (a MORSCO Brand), a multi-branch wholesale distributor based in Anaheim, CA. Express Pipe & Supply has been providing plumbing and HVAC products and services in the Southern California area since 1994.

The installation of Mueller Streamline copper products in the States Logistics building, with collaboration between WP Johnson Plumbing and Express Pipe has been a part of the growth of States Logistics and their ongoing mission to provide excellent service to their clients. As a logistics company, States Logistics sells space and service, and “best in class” service will contribute to the company’s growth and to retaining their position as the premier 3PL provider on the west coast.



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## Project Name: Prosser Career Education Center – Building Renovation & Addition

Location: New Albany, IN

Contractor: Harrell-Fish Inc. (HFI)

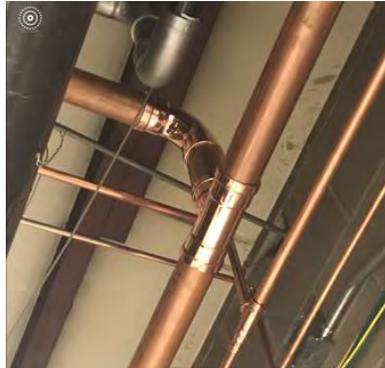
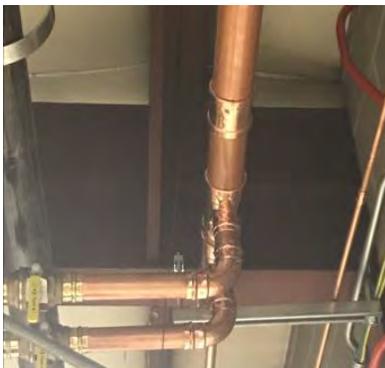
Application: Domestic Water

On May 17<sup>th</sup>, 2017, the New Albany-Floyd County School Corp. broke ground on new construction at three schools, one of which is the Prosser Career Education Center in New Albany, IN. The Prosser project includes renovations to the existing school as well as a 35,000 square-foot, two-story addition on the front of the building, all of which is estimated to cost \$22 million. The current structure is being gutted and will be renovated to match the new addition. Prosser Career Education Center provides approximately 24 diverse career and technical training programs for high school students throughout southern Indiana, with the intent to prepare these students for relevant, high-wage/high-demand careers. Many in the community support this much needed improvement project, since strong schools are believed to improve property values for the local areas, and this project comes with no additional cost to taxpayers. The project is expected to be complete in December 2018.



Harrell-Fish Inc. (HFI), located in Bloomington, IN, is installing Mueller Streamline copper tube and Streamline PRS ½" – 3" copper press fittings and brass press valves on all new domestic water piping. Harrell-Fish is a full-service HVAC/plumbing contractor that specializes in the construction, industrial, health care, commercial, food service, residential and energy industries. Harrell-Fish is a locally-owned, privately-held company that has been providing contracting services for more than 30 years. The Streamline copper tube and Streamline PRS copper press products were supplied by Plumbers Supply Co. Plumbers Supply has its headquarters in Louisville, KY, and has 13 total branches throughout Indiana and Kentucky, along with a large fleet of trucks to service its contractors. Now under third and fourth generation management, Plumbers Supply has been serving its customers for more than 90 years in the plumbing, HVAC, PVF and fire protection industries. CMTA, a consulting engineering firm with 50 years of experience, provided the MEP engineering.

The installation of Mueller Streamline copper products in the Prosser Career Education Center, with collaboration between Harrell-Fish and Plumbers Supply is helping to upgrade a 50-year-old facility that is the largest career center in Indiana and provides important job training and workforce development in the community. Vocational training has become very important to the State of Indiana, and the improvements to Prosser will allow the school to grow with the times and meet the area's strong career demands.



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## Project Name: McKinney Independent School District (MISD) Stadium & Event Center

Location: McKinney, TX

Contractor: Mechanical Partners, Inc.

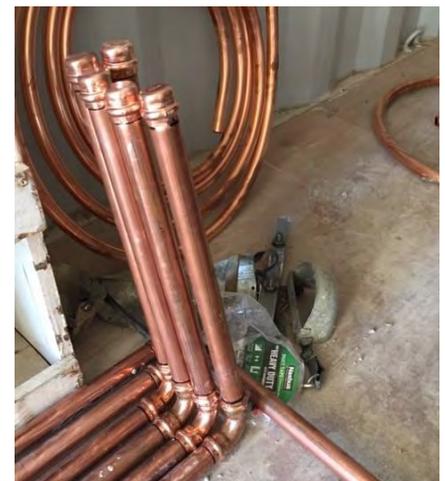
Application: Domestic Water

In December 2016, the McKinney Independent School District (MISD) broke ground on a brand new football stadium and community event center that promises to be one of the largest and most expensive high school stadiums in the country. This 12,000-seat stadium is costing approximately \$70 million, and includes an artificial turf playing surface and a 55-foot-wide high-definition video screen, bigger than the biggest screen in a handful of NFL stadiums. This structure is more than a football stadium for the McKinney High School Lions; the attached 8,000 sq. ft. community event center seats up to 500 and will be used by the entire district for other sports, school activities, marching band competitions, banquets, reunions and community events. The three MISD high schools will share this stadium. They currently share the 7,000 seat Ron Poe Stadium which was built in 1962, and something bigger is needed with McKinney growing. McKinney's population has tripled over the past fifteen years, and MISD's enrollment exceeds 24,000 students in 31 schools/facilities.



Mechanical Partners, Inc., based in Dallas, TX, installed Mueller Streamline PRS copper press fittings and copper tube in the stadium for the domestic water system. Mechanical Partners has been installing plumbing and HVAC systems for more than 18 years throughout Dallas, Fort Worth and the state of Texas. The Streamline PRS copper press fittings and tube were supplied by National Wholesale Supply, Inc. National Wholesale is based in Dallas, has 31 locations throughout Texas, Oklahoma and Louisiana, and has been providing plumbing, HVAC, pipe, valves and fittings for 16 years.

The installation of Mueller Streamline PRS copper press fittings and tube in this most prestigious stadium project was facilitated by the collaboration between Mechanical Partners and National Wholesale Supply. This MISD Stadium and Event Center will be a huge asset for MISD and the community of McKinney. It will provide new opportunities and experiences for students, parents, staff and the local community for at least the next 50 years. The stadium is expected to be ready for the 2018 fall football season.



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## Project Name: Buffalo Zoo – Mechanical Room Repair

Location: Buffalo, NY

Contractor: J.W. Danforth Co.

Application: Facility Water

The Buffalo Zoological Gardens, in Buffalo, NY, is the third oldest zoo in the United States. The Buffalo Zoo was founded in 1875 and is the second largest tourist attraction in Western New York, with Niagara Falls being the first. The Zoo occupies 23.5 acres of land in Buffalo's Delaware Park, and is open year-round for its approximate 400,000 annual visitors. The Buffalo Zoo grew rapidly during its first 50 years and underwent a large expansion during the Great Depression. Throughout the next several decades more exhibits and attractions were added, which include a South American Rainforest in 2008, a multi-million dollar Arctic Edge exhibit in 2015, and the addition of Arctic foxes in 2016. Additional enhancements continue to be made at the Zoo in support of its approximate 1,200 animals.



In late May 2017, the mechanical room at the Zoo developed some water leaks in the copper plumbing system. There were significant leaks in several locations in the piping and J.W. Danforth was called in to handle the repairs. The repair project required the replacement of some copper tube, copper solder fittings and several valves. J.W. Danforth removed the leaking parts and replaced them with new tube, press valves and Mueller Streamline PRS copper press fittings. The repair project was somewhat complex because of the need to reroute some of the piping and the tight spaces in which to work. However, because press fittings and valves were installed, the tight space was not such an issue and there was no need to make sure the piping was dry. This helped keep the project moving without excess wait time. J.W. Danforth is headquartered in Tonawanda, NY with additional branches throughout upstate New York. Founded in 1884, J.W. Danforth is a privately held company and one of the largest mechanical contractors in the northeast United States. Their primary focus is plumbing and HVACR systems for residential, commercial and industrial markets.

The installation of Mueller Streamline PRS copper press fittings to repair the leaks in the Buffalo Zoo mechanical room played a significant part in keeping the Zoo open and running. The fittings installed quickly and easily and allowed water to continue to flow throughout the Zoo for the comfort of the visitors and the animals.



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## Project Name: Brooklyn Bridge Park’s Pier 6 Development – Residential Towers

Location: Brooklyn Heights, NY

Contractor: The PAR Group

Application: Domestic Water

In July 2017 construction began on a housing development project on Pier 6 of Brooklyn Bridge Park. The construction project includes two residential buildings and 10,000 square feet of parking space. The taller building, named Quay Tower, will have 28 stories with 126 market-rate condos, a fitness center, lounge, conference rooms and bike parking. The second tower will stand 15 stories and include 100 affordable apartments for low and middle income families, 40 market-rate apartments, a tenants’ lounge, fitness center, play room and bike storage. The Quay Tower will offer two to five bedroom condos, with the two-bedroom unit starting at \$1.9 million; many of these units will have permanently protected views of the East River and the Manhattan skyline. The smaller tower is expected to open in the spring of 2019, while the Quay Tower may have its first residents by that summer.



The PAR Group, based in Lynbrook, NY, is installing the domestic water systems in the Pier 6 towers, using Mueller Streamline PRS copper press fittings exclusively, as well as Mueller Streamline copper sweat fittings and copper tube. The PAR Group is a full-service mechanical contractor that provides residential and commercial plumbing, HVAC, and fire protection services to all five boroughs of New York City and some surrounding counties. The PAR Group is a fourth-generation, privately owned and operated company that has played a major role in New York City’s construction industry for 90 years. The Mueller Streamline PRS copper press fittings, sweat fittings and copper tube are being supplied by both Ideal Supply Company and Blackman Plumbing Supply, Inc. Ideal Supply is a family-owned PVF distributor that has been serving New York City and surrounding areas for more than 85 years. Founded in 1921, Blackman is one of the largest plumbing and HVAC distributors in the Northeast, with more than 20 locations in New York, New Jersey and Florida.

The installation of Mueller Streamline PRS copper press fittings, sweat fittings and copper tube in the construction of the Pier 6 Towers in the Brooklyn Bridge Park area is a collaboration between The PAR Group, Ideal Supply and Blackman, helping to bring affordable housing to an area of New York City where it’s needed, along with luxury condos with beautiful views on the Brooklyn waterfront. Both of these residential towers promise to add to the transformation of Brooklyn Bridge Park’s Pier 6 community.



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## Project Name: Marukan Vinegar (U.S.A.) Inc. – Brewery Production Facility

Location: Griffin, GA

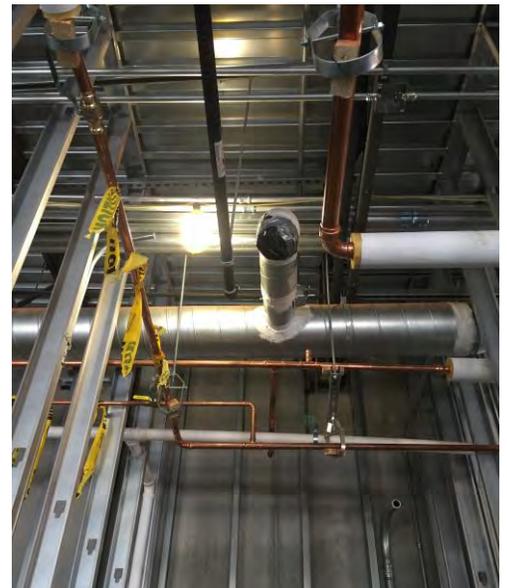
Contractor: Tebarco Mechanical Corp.

Application: Domestic Water, Compressed Air

On October 25<sup>th</sup>, 2017 Marukan Vinegar celebrated the completion of its second U.S. brewery, located in Griffin, GA. The grand opening included speeches by various dignitaries, tours, lunch, entertainment and a tasting of the first batch of rice vinegar produced at the brewery. This state-of-the-art, 100,000-square-foot brewing facility produces, packages and distributes premium rice vinegar, supporting Marukan's growing customer base in the Southeast. Marukan, the leading maker of 100% organic rice vinegar, is headquartered in Kobe, Japan and has a long history that spans more than 360 years. The company has been family owned since 1649 and the current leader of Marukan is 10<sup>th</sup> generation family. With this new plant, Marukan created 15 new jobs and invested \$13 million in the initial phase.



Tebarco Mechanical Corp., based in Alpharetta, GA, installed the domestic water and compressed air systems in Marukan's facility, using Mueller Streamline PRS copper press fittings and copper tube. Tebarco Mechanical is a full-service mechanical contractor and engineering firm, providing design and installation of plumbing, HVAC, and refrigeration systems for more than 30 years. The Streamline copper tube and press fittings were supplied by Southern Pipe & Supply, a distributor of plumbing, HVAC, industrial, electrical and waterworks products, headquartered in Meridian, MS. Southern Pipe & Supply is one of the largest privately held wholesalers in the Southeast with more than 100 locations throughout Mississippi, Alabama, Louisiana, Georgia, Arkansas, Florida and Tennessee. With a rich 80-year history, the distributor is being led by fourth generation family. The installation of Mueller Streamline copper products in the Marukan plant was a collaboration between Tebarco Mechanical and Southern Pipe & Supply, contributing to the building of this new facility. This Marukan brewery is intended to increase the production capacity of rice vinegar to service the growing demand, and to assist with supplying the Eastern United States and exports across the Atlantic.



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## Project Name: Albany Engineered Composites – New Air Compressor

Location: Salt Lake City, UT

Contractor: CCI Mechanical, Inc.

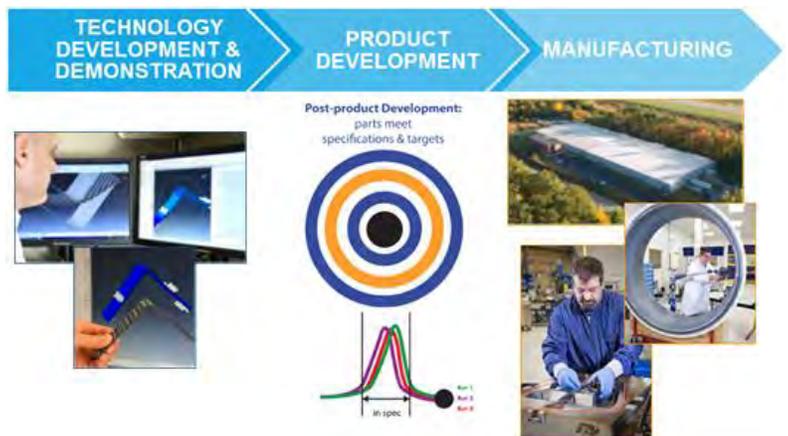
Application: Compressed Air

In 2006 Albany Engineered Composites (AEC) was formed, under the umbrella of its parent company Albany International Corp. Albany International is a global, publicly-traded, industrial goods firm founded in Albany, NY in 1895; the company operates Albany Engineered Composites along with their Machine Clothing division which manufactures fabrics and belts used in production by the paper and other process industries. AEC designs, develops and manufactures complex composite parts and textiles for the aerospace, automotive and industrial equipment industries among others. AEC’s headquarters are in Rochester, NH with other production facilities in Texas, France and Salt Lake City, UT.



In October 2016, CCI Mechanical, Inc. was brought in to install a new industrial air compressor in AEC’s Salt Lake City’s manufacturing facility, using Mueller Streamline PRS copper press fittings, primarily sizes 2-1/2” – 4”. CCI Mechanical is privately owned and based in Utah with locations in Salt Lake City and Washington. Founded in 1961, CCI provides design, installation and maintenance for mechanical systems including plumbing, HVAC and industrial piping to commercial and industrial facilities across the western United States. The Mueller Streamline PRS copper press fittings were supplied by Peterson Plumbing Supply, servicing the state of Utah from six locations including Salt Lake City. Peterson Plumbing is a locally owned, family company that has been providing plumbing, hydronic heating, irrigation, waterworks, industrial and HVAC products to residential and commercial contractors for more than 40 years.

The installation of Mueller Streamline PRS copper press fittings on a compressed air system for Albany Engineered Composites, with collaboration between CCI Mechanical and Peterson Plumbing, will allow AEC to continue to develop and manufacture its highly technical products to the sophisticated industries it serves. Albany International’s long, successful history in manufacturing will continue to maintain AEC’s strong operational processes and systems.





## Project Name: St. John’s Episcopal Church – Parish Life Center Repair

Location: Memphis, TN

Contractor: Albert Cook Plumbing Company

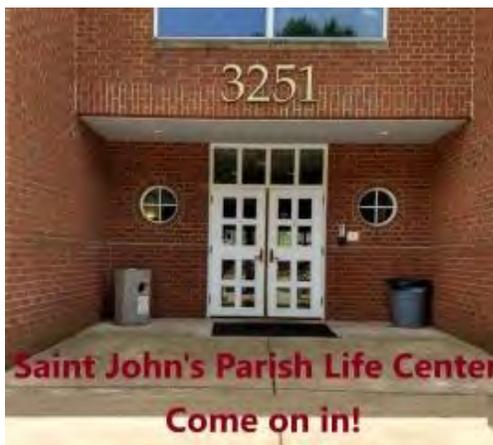
Application: Domestic Water

St. John’s Episcopal Church, located on Central Avenue in Memphis, TN, is more than just a place for worship. This church has a special ministry that welcomes both church members and the community. St. John’s Recreation Ministry is operates in the Parish Life Center on the church campus. The Parish Life Center is an activity center open to members and the community for sports and fitness, group meetings, dinners and neighborhood events. The Parish Life Center is a place where people from all over the city of Memphis can come for recreation and fitness, and improve their physical and mental well-being in an environment that is safe and welcoming. The Center is open six days a week, 14 hours each week day, and there is no cost to the clients.



In April 2017, an issue with the domestic water system occurred that required an emergency repair. Since the Parish Life Center is open long hours every day but Sunday, and is busy every day, a domestic water leak can pose big problems. Albert Cook Plumbing Company was called in to handle the repair, and used Mueller Streamline PRS ½” – 3” copper press fittings to quickly fix the leaking system. Fortunately, Mueller Streamline PRS copper press fittings can be installed in a wet system, eliminating the need for the contractor to dry the piping; this is especially important in an occupied facility. Albert Cook Plumbing was founded in 1955, and provides plumbing services to commercial and residential customers in the southwest corner of Tennessee and the northwest corner of Mississippi. The Streamline PRS copper press fittings were supplied by Supply Line, a wholesale distributor of plumbing products, pipe, valves and fittings, has branches in both Memphis and Collierville, TN. Supply Line provides products to commercial and mechanical contractors for housing construction, remodeling, maintenance and repair, and have been servicing the Memphis area since 1998.

The emergency repair at St. John’s Parish Life Center using Mueller Streamline PRS copper press fittings was a collaboration between Albert Cook Plumbing and Supply Line. This partnership and the quick response to the water issue allowed this special ministry to continue its service to the Memphis community and all who use the facility. Approximately 300 clients use the facility each month, some multiple times, with most of the clients being non-members of the church.





## Project Name: The Ritz-Carlton Buckhead – Renovation & Re-branding to The Whitley

Location: Atlanta, GA

Contractor: DFW Mechanical Group

Application: HVAC

On December 1<sup>st</sup>, 2017, the iconic Ritz-Carlton hotel in Atlanta’s Buckhead neighborhood re-opened as The Whitley, one of more than 100 Luxury Collection hotels and resorts around the world and part of the Marriott International portfolio. The new name for the hotel is in honor of John Whitley, one of the early settlers of the Buckhead district. After more than 30 years at its Buckhead location, The Ritz-Carlton was in need of significant room renovations, as the rooms were dated, musty and small. Over the past few years, other parts of the hotel had been renovated such as the lobby, ballrooms, meeting space, and the fitness and pool area; but these renovations were just not enough. Along with the rebranding of the hotel to The Whitley, the 507-room property was renovated and modernized at a price tag of approximately \$20 million. Renovations included updates to the restaurant, bar and a ballroom. Guestroom renovations were to follow.



DFW Mechanical Group, located in Wylie, TX, replaced all of the air handlers in the hotel using Mueller Streamline PRS copper press fittings. DFW Mechanical is a locally owned mechanical contracting company that provides plumbing, HVAC, process piping and electrical installations for commercial and industrial facilities. The Streamline PRS copper press fittings were supplied by Morrison Supply Company, a leading wholesale distributor in the southwest United States. Morrison operates more than 100 wholesale locations throughout Louisiana, Oklahoma, Kansas and New Mexico, and has been distributing plumbing, HVAC, pipe, valves and fittings for more than 100 years.

The installation of Mueller Streamline PRS copper press fittings, with collaboration between DFW Mechanical and Morrison Supply, has helped convert a traditionally beautiful but dated hotel into a property with a more fresh, modern and relaxed atmosphere. Even though the new Whitley Hotel is less formal than the Ritz-Carlton, the property offers the luxury and service for which the Luxury Collection hotels are known.



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**Project Name: University of Central Oklahoma – Interdisciplinary STEM Teaching and Research Center**

Location: Edmond, OK

Contractor: Wattie Wolfe Company

Application: Domestic Water

On February 10<sup>th</sup>, 2017 the University of Central Oklahoma broke ground on its Interdisciplinary STEM Teaching and Research Center. This exciting new building project is a 2-story, 57,000 sq. ft. structure, with a price tag of \$24 million that is scheduled to be open for the fall 2018 semester. The new STEM (science, technology, engineering, mathematics) Center is intended to resolve a capacity shortfall within the College of Science and Mathematics. The current buildings have run out of space and these students are spread across several buildings on campus. Studies show that Oklahoma needs more college graduates in the fields of science, technology, engineering and mathematics to meet future employment demands. The STEM Center will include state of the art research labs, classrooms, faculty office space, and a nursing simulation lab.



Wattie Wolfe Company (Oklahoma City, OK) installed the domestic water system in STEM Center building, using Mueller Streamline PRS copper press fittings. Wattie Wolfe is a multi-service mechanical contracting firm that has completed projects over a large area of the central United States. The Streamline PRS copper press fittings were supplied by Morrison Supply Company, a leading wholesale distributor in the southwest United States. Morrison operates more than 100 wholesale locations throughout Louisiana, Oklahoma, Kansas and New Mexico, and has been distributing plumbing, HVAC, pipe, valves and fittings for more than 100 years.

The installation of Mueller Streamline PRS copper press fittings in the STEM Center, with collaboration between Wattie Wolfe and Morrison, has been an integral part of this new landmark on the UCO campus. This building will bring together students, faculty, chemists, biologists, forensic scientists, engineers and more, to collaborate across all STEM disciplines and be better prepared to fill highly demanded jobs in these areas.



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## Project Name: Comcast Corp. – Customer Support Center

Location: Fort Collins, CO

Contractor: Braconier Mechanical & Plumbing Services

Application: Domestic Water

In July 2017, Comcast Corp. opened a new customer support center in southeast Fort Collins, CO. This 2-story, 80,000 square-foot facility is one of the existing buildings on the Hewlett-Packard campus on Harmony Road, and significant renovations were made to the building costing approximately \$7.5 million. This new call center seats more than 600 new customer service agents to provide technical product and service support to Comcast residential customers in Northern Colorado and across the country. The support center plans to field service calls for its video, internet and phone services as well as billing inquiries. Comcast Corp. is a global technology company, and is one of the nation’s largest video, internet and phone providers to residential and commercial customers. Comcast chose Fort Collins for its expansion due to the city’s highly educated workforce. With this new call center, Comcast will be one of the largest private employers in the city of Fort Collins.



Braconier Mechanical & Plumbing Services, located in Englewood, CO, installed the domestic water system in the Comcast support center renovation project using Mueller Streamline PRS copper press fittings and copper sweat fittings. Braconier Mechanical has a long history of providing commercial plumbing, HVAC and medical gas service to Denver customers for more than 100 years. The Mueller Streamline PRS copper press fittings and sweat fittings were supplied by Denver Windustrial Company, based in Commerce City, CO. Denver Windustrial is a full-service PVF distributor that has been serving commercial, mechanical, industrial and oil and gas markets for more than 40 years. Denver Windustrial is locally owned and is part of the WinWholesale organization.

The installation of Mueller Streamline PRS copper press fittings and sweat fittings in the Comcast support center facility was a collaboration between Braconier Mechanical and Denver Windustrial, contributing to the renovation of this building. This new support center is creating new jobs, and with the addition of this Fort Collins call center, Comcast will have more than 8,000 employees across the state of Colorado. Comcast Corp. has a large presence in Colorado and this new support center continues the company’s investment in the state.



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## Project Name: Lake County Administration Center Expansion & Renovation Project

Location: Painesville, OH

Contractor: The Smith & Oby Company

Application: Heating/Cooling System

In August 2017, in downtown Painesville, Ohio, construction began on a new administration building for Lake County. The new administration center is located at 85 North Park Place, where the former Painesville Area Senior Center used to stand. The new structure will be adjacent to the existing administration building at 105 Main Street, and the two buildings will be connected. The existing building is being renovated as part of this project, which in total is estimated to cost approximately \$30 million. The new and expanded center will provide space to consolidate several of the county's departments which are currently located in different spaces around the area.



The new center will include the administrative offices of the Lake County Engineer's Office, the Building Department, the Department of Utilities, Stormwater Management, Soil and Water Conservation and Planning and Community Development. The new facility is intended to meet the needs of the county for the next couple of decades and is expected to open in early 2019.

The Smith & Oby Company, based in Walton Hills, Ohio, installed 1/2"-2" Mueller Streamline PRS press fittings and ball valves on the HVAC systems for this Lake County project. Established in 1898, Smith & Oby is a well-established, privately-owned contracting company that provides mechanical services for industrial, institutional, commercial and civic projects. Smith & Oby's capabilities include HVAC, plumbing, engineering and more. Tec Inc. Engineering & Design, a building systems engineering firm headquartered in Eastlake, OH, provided the mechanical engineering for the project. The Mueller Streamline PRS press fittings and valves were provided by Winsupply of Cleveland, a family owned and operated distributor of plumbing and bathroom products. A Winsupply Inc. company, Winsupply of Cleveland has been providing wholesale distribution to the northeast Ohio area for almost 100 years.

The installation of Mueller Streamline PRS copper press fittings and valves on the heating/cooling system of the Lake County Administration Center, with collaboration between Smith & Oby, Tec Inc. and Winsupply of Cleveland, is helping to provide a larger space for combining several county offices into one place that is meant to make the departments more customer-friendly and accessible to the public.



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## Project Name: Villa Maria Retirement Apartments – Renovation Project

Location: Ocean Springs, MS

Contractor: Patterson Plumbing & Heating Company

Application: Domestic Water

Following Hurricane Camille of 1969, the Villa Maria Apartments were completed and ready for occupancy during the summer of 1971. This building was one of the first in the northern gulf region to be built according to building codes that respond to hurricanes. The hurricane building code of Florida was used in Villa Maria's construction, and the building was constructed of reinforced concrete and designed to withstand 200-mile-per-hour winds. The Villa Maria Apartments are located in historic downtown Ocean Springs among old oak trees, just a few minutes from the beach. Beautiful views of the Gulf of Mexico can be seen from the top floors of the 13-story building. Villa Maria's 198 apartment homes are Section 8 rent-assisted units and are available to those 62 years of age and above. Designed with seniors in mind, the building is equipped with safety features such as grab bars and wheelchair access. Villa Maria is within walking distance from shopping, restaurants, banks, senior centers and recreation.



In June 2017, the Villa Maria apartments underwent a renovation which included updates to the domestic water system. Patterson Plumbing & Heating Company, located in Biloxi, MS, installed Mueller Streamline PRS ½" – 4" copper press fittings on the domestic water upgrade in the apartment building. Patterson Plumbing & Heating has been installing plumbing systems for more than 70 years. The Streamline PRS copper press fittings were supplied by Mississippi Coast Supply Co., Inc., located in Biloxi, MS. Mississippi Coast Supply has a long, interesting history in the Biloxi area, and has supported the local area for almost 100 years. Many years of hard work and the dedication of prior generations has made Mississippi Coast Supply very successful and the premier plumbing wholesaler on the Mississippi Gulf Coast.

The installation of Mueller Streamline PRS copper press fittings in the Villa Maria Retirement Apartments, with collaboration between Patterson Plumbing & Heating and Mississippi Coast Supply, will keep the building functioning properly and safely for the many senior citizens that call this building home. Villa Maria fared well during Hurricane Katrina and continues to provide a safe community for its residents, allowing them to live in comfort while socializing and engaging in the many activities Villa Maria has to offer.





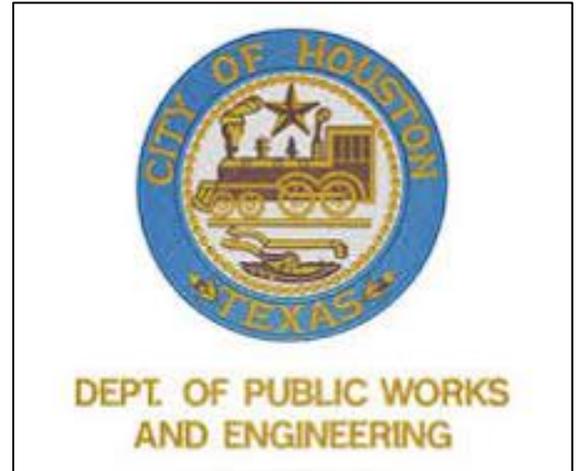
## Project Name: City of Houston Public Works & Engineering Department – Restroom Renovation

Location: Houston, TX

Contractor: EDH Plumbing Contractors, LLC

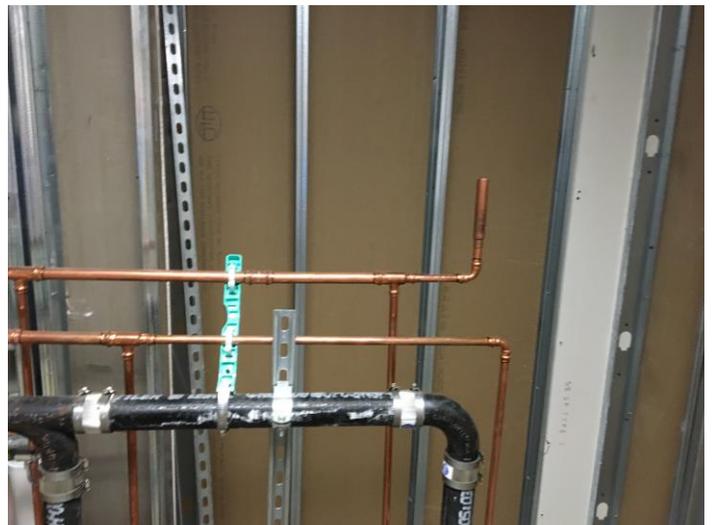
Application: Domestic Water

The main office of the City of Houston Public Works and Engineering (PW&E) Department is located in a skyscraper on Walker Avenue in central Houston. The building is the Bob Lanier Public Works Building, named after a prior mayor of Houston. The Houston Public Works Department is responsible for the planning, maintenance, operation, construction management and engineering of the City's public infrastructure. The Department operates and maintains the City's streets and drainage, production and distribution of water, collection and treatment of wastewater, and permitting and regulation of public and private construction. Approximately 4,000 people work for the Department.



In the summer of 2016, a project was undertaken to renovate a restroom in the main office high-rise on Walker Avenue. As part of this renovation, EDH Plumbing Contractors installed Mueller Streamline PRS copper press fittings on the domestic water lines. EDH Plumbing, located in Houston, has been installing plumbing systems for approximately 15 years. The Streamline PRS copper press fittings were provided by Texas Plumbing Supply Company, a multi-branch family-owned independent distributor of plumbing products for residential, commercial, repair and remodeling projects. Founded in 1962, Texas Plumbing is considered the premier independent wholesaler in South Texas and continues to grow in both residential and commercial markets, focusing on the plumbing contractor.

The installation of Mueller Streamline PRS copper press fittings for the City of Houston Department of Public Works, with collaboration between EDH Plumbing Contractors and Texas Plumbing Supply has played a part in improving and updating one of Houston's local government buildings and enhancing the quality of life for those who work in the Department.



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## Project Name: Albany Green Energy Biomass Combined Heat & Power Plant

Location: Albany, GA

Contractor: CCC Group, Inc.

Application: Water Feed System

In July 2017, the Albany Green Energy biomass facility began operating in Albany, GA. This combined heat and power facility was a project between Constellation NewEnergy, Inc. and Proctor & Gamble, and is located adjacent to Albany's Proctor & Gamble plant. Constellation, a subsidiary of Exelon Corp., owns and operates the 50-megawatt biomass fueled cogeneration plant, and provides steam to the Proctor & Gamble manufacturing plant, electricity to the local utility Georgia Power, and steam to the Marine Corp Logistics Base Albany. The AGE biomass facility will provide 100% of the steam required by Proctor & Gamble's plant, and 60-70% of the total energy used by the plant. The state-of-the art CHP facility utilizes woody biomass as its fuel source, transforming scrap wood products into pellets that replace coal and oil in a power plant. Georgia is rich with forests, and within a 100-mile radius of the plant, AGE will utilize locally-sourced scrap wood which would normally be left to decay or pile up in a landfill. These wood scraps include discarded tree tops, limbs, branches, local forestry residues not suitable for saw or pulp mills, demolition debris, sawdust and crop residuals such as pecan shells and peanut hulls. The Albany, GA plant is one of Proctor & Gamble's largest in the world and manufactures Bounty paper towels and Charmin toilet tissue. Proctor & Gamble's use of this new energy source will almost double its use of renewable energy.



CCC Group, Inc., based in San Antonio, TX, installed Mueller Streamline PRS copper press fittings on the water feed system at the biomass facility. CCC Group is a heavy industrial contractor with locations in Texas, Florida, Tennessee, Utah, Jamaica and South America. Initially a privately-held family company more than 70 years ago, CCC Group is now employee-owned. The Mueller Streamline PRS copper press fittings were supplied by Hughes Supply, part of Hajoca Corporation, based in Macon, GA. Hughes Supply's Macon location carries residential, commercial and industrial plumbing and HVAC products, and has been servicing middle Georgia contractors for more than 25 years.

The installation of Mueller Streamline PRS copper press fittings on the water feed system for the AGE Biomass Plant, with collaboration between CCC Group and Hughes Supply, helped complete a \$200mm, complex project that uses scrap forest products to generate power. This project is one of the nation's largest biomass plants and is a win for both renewable energy and for the local community.



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## Project Name: Georgia Tech Research Institute Cobb South Campus – Building Renovations

Location: Smyrna, GA

Contractor: FitzGerald & Sons Plumbing Co.

Application: Domestic Water

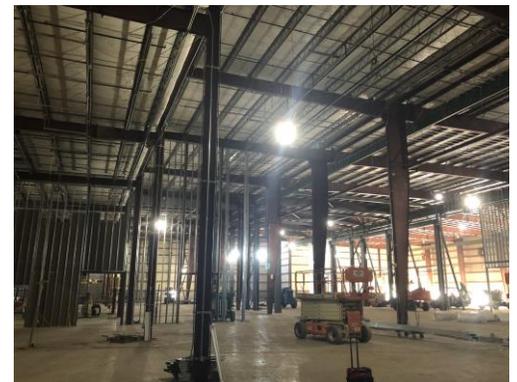
In December 2017, Georgia Institute of Technology, an Atlanta-based university focused on science and technology-based education, purchased 52 acres and 4 buildings on Lockheed Martin's south campus in Cobb County. These four buildings sit adjacent to five other buildings currently occupied by Georgia Tech Research Institute (GTRI), and are intended to relieve overcrowding in existing applied research spaces. The four buildings were previously used by Lockheed Martin for operations and production of the F-22 Raptor fighter jet until the program ceased in 2013. GTRI is an applied research arm of Georgia Tech, and is focused on interdisciplinary research for the American government, industry and business, and conducts approximately \$400mm of research annually.



Renovation of the four buildings includes 755,000 sq. ft. of office and warehouse space, which will expand GTRI's capacity in high level research for industry and government. The new facilities are expected to add approximately 500 research-based jobs in Cobb County.

FitzGerald & Sons Plumbing Co., based in Peachtree City, Georgia, installed 2-1/2" – 4" Mueller Streamline PRS copper press fittings and Mueller Streamline copper tube on the domestic water system for this renovation project. Founded in 1984, FitzGerald & Sons is a family-owned company providing new construction and renovation plumbing services throughout the state of Georgia. FitzGerald & Sons serves the residential, commercial, religious, educational, industrial, and healthcare market sectors, and is the only plumbing company in Georgia with its own merit education program in a state-of-the-art training facility. AHA Consulting Engineers' Alpharetta, GA location provided the mechanical engineering for the project. Founded in 1991, AHA is headquartered in Lexington, MA. The Mueller Streamline PRS copper press fittings and Streamline copper tube was supplied Southern Pipe & Supply, a large, privately held distributor of plumbing, HVAC, industrial, electrical and waterworks products. Headquartered in Meridian, MS, Southern Pipe & Supply is a fourth generation family company with a rich 80-year history and operates more than 100 locations throughout the southeast.

The installation of Mueller Streamline PRS copper press fittings and Streamline copper tube on the domestic water system of the GTRI Cobb South Campus buildings, with collaboration between FitzGerald & Sons, AHA and Southern Pipe & Supply, is helping expand opportunities for GTRI and Lockheed Martin to work together to grow their capabilities, strengthen both reputations as research and development centers, and provide resources for serving our nation with their respective capabilities.



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