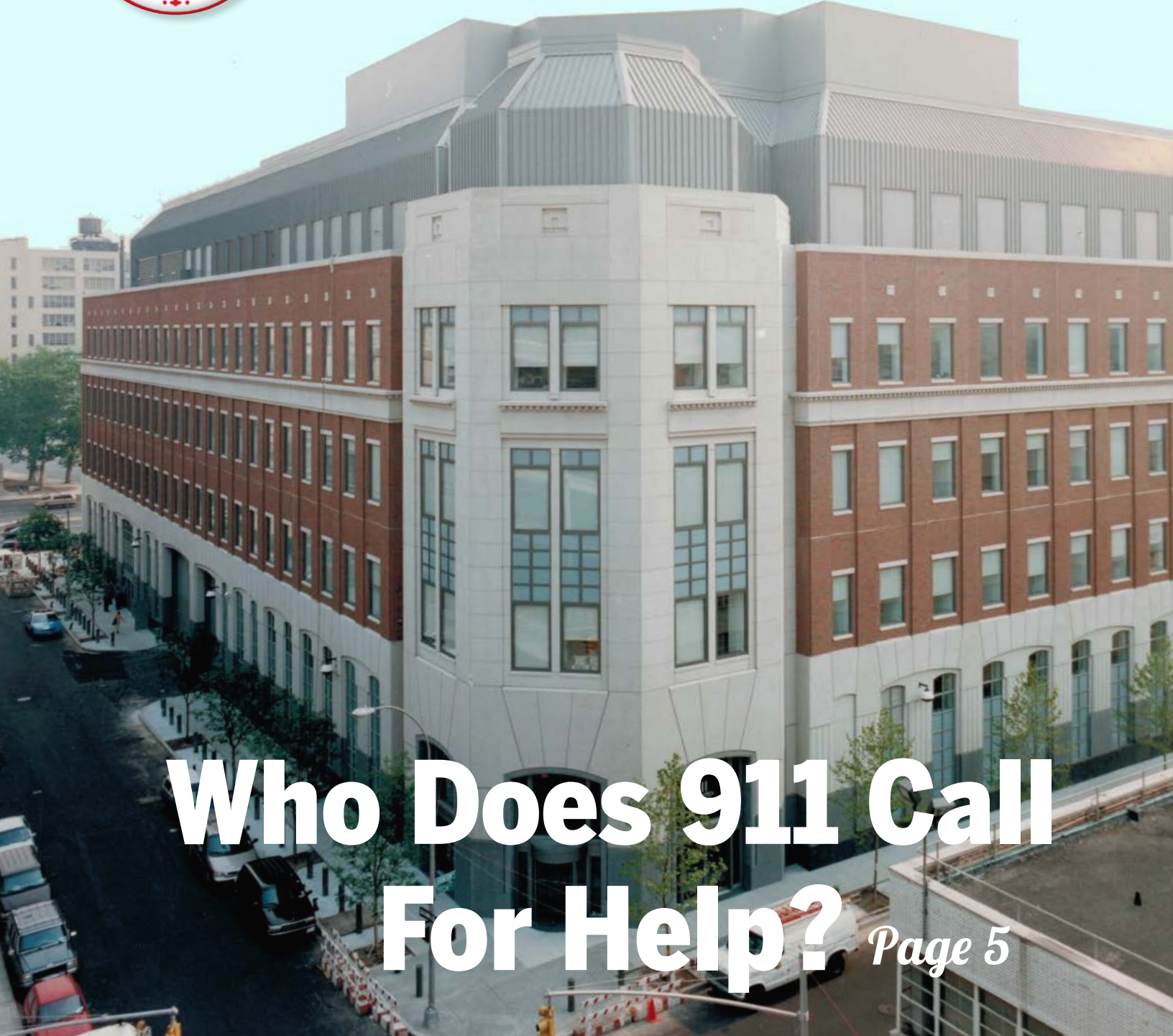




THE CUTTING EDGE

FALL 2024 | Vol. 31, No. 2

NEWSLETTER



Who Does 911 Call For Help? *Page 5*

..... INSIDE

Business Manager's Report
Page 2

Ultimate Cooling
Tower Replacement
Page 6-7

A 100-year old Building
Runs Efficiently
Page 5



Executive Board

- Kuba J. Brown**
Business Manager & Financial Secretary
- Thomas M. Hart**
President
- Michael Gadaleta**
Vice President
- Raymond Macco**
Assistant Business Manager &
Recording-Corresponding Secretary
- Kelly Ann Drummond**
Treasurer
- Bill Caramico**
Conductor
- Rocco Ferrigno**
Guard
- John Cancel, Vincent Curcio, Brian Fabian**
Trustees
- Anthony Fasulo, David Rodriguez,
Michael Fallon**
Auditors

Business Representatives

- Kuba J. Brown**
Business Manager/Financial Secretary
- Raymond Macco**
Assistant Business Manager/
Recording Corresponding Secretary/
Business Representative
- Thomas M. Hart**
President/Business Representative for the
New York City Public Schools located in the
Bronx, Manhattan & Staten Island/
Health & Safety Officer
- Michael Gadaleta**
Vice President/Business Representative of
Uptown Manhattan, Queens and the Bronx
- Kelly Drummond**
Treasurer/Business Representative
of Hotels, Clubs, and Commercial Residential
properties of New York City
- Rocco Ferrigno**
Guard/Business Representative
Downtown Manhattan
- Bill Caramico**
Conductor/Business Representative for
New York City Schools Brooklyn and Queens
- John Cancel**
Trustee/Business Representative
Midtown Manhattan/Hotels
- Vincent Curcio**
Trustee/Business Representative
Eastside/Westside Manhattan, Queens,
the Bronx and Brooklyn

On the cover: 11 Metro Tech.
Photograph by Bernstein Associates



Business Manager's Report

Local 94 Thrives as We Head into Election Season

Brothers and Sisters,

We last reached out to you back in the winter, and now we are entering autumn. We hope we find you in good health and spirits.

Local 94 has been making great strides. Since the pandemic, we have welcomed 300 new members to our family. While we do have members retiring, nobody is getting laid off. We are once again demonstrating that the everyday person sees the fight for a better workplace as a necessary one.

Though there has not been much reporting on it, the commercial real estate conversion to residential has shown notable success. We continue to make it a priority that every working person has a home to come back to at the end of the day.

Purpose of the PAC

Since creating the PAC fund, we have been able to support candidates and elected officials who have our best interests in mind. In turn, we also get to sit at the table at City Hall to have our voices heard in discussions on the pros and cons of legislation impacting our industry.

We are at the table for any discussion that pertains to changes to the fire and building codes, and those do not happen without Local 94's input. The PAC fund won a massive salary increase for school workers during the DeBlasio administration.

The PAC Fund is give and return. **If you do not support the PAC Fund, you and your family's livelihoods and futures are at stake.**

'I ask that you keep in mind you are voting for your rights as a worker in this country.'

Understanding Your Vote

Election season is right around the corner. There are some things I hope you consider when you go to the polls this November. And go to the polls you must.

During the last Republican administration, unions were pummeled. Eugene Scalia, the Secretary of Labor (2019-2021) was a union busting lawyer who defended Cablevision's firing of 22 workers while they were trying to win a contract with CWA. This action led to the National Labor Relations Board being stacked with anti-union appointees who actively stalled on union elections.

The last administration also packed our courts with anti-union judges who supported right-to-work laws, making organizing that much more difficult, and led to many states reintroducing child labor to the nation. Having kids mopping the floors of industrial factories should not happen in a nation considered a superpower. The last administration also outsourced \$115 billion to offshore work, and they pushed for a

corporate tax cut bill giving companies a 50% tax break on their foreign profits. Not only were they allowing offshore work, but they were also rewarding it.

The current administration brought dignity back to the working person over the last four years. One of their first actions was signing the Executive Order on Protecting the Federal Workforce. This reversed a wrong from the previous cabinet and expanded access to unions and increased the number of unionized federal employees.

They also signed the Executive Order to create the White House Task Force on Worker Organizing and Empowerment. Since being created, this task force has issued over 70 recommendations to protect workers and their unionization rights, and in 2021, the Consolidated Appropriations Act was signed, which provided much



needed funding to the National Labor Relations Board.

But perhaps the last administration's greatest achievement was also to the ultimate benefit of labor, and that was the \$1.2 trillion infrastructure package. For New York alone, this package

required workers on projects such as expanding the Lincoln Tunnel and improving the Harlem transit services to be paid prevailing wages, expanded the apprenticeship programs, and gave good, honest jobs to New Yorkers while improving our city in the process.

It took us a while to recover as much as we did during the last Republican administration. When you go out to vote this November, I ask that you keep in mind you are voting for your rights as a worker in this country.'

In solidarity,


Kuba J. Brown



Brian Krapf / Pitta Bishop

Left to Right: Elaine Brodsky, Chair North Brooklyn Chamber of Commerce, Kuba Brown and Neil Sheehan, Chairperson and Co-Founder of North Brooklyn Angels.

Kuba Brown Receives "Guardian Angel Award" from North Brooklyn Angels

On June 11th, Local 94's Business Manager/Financial Secretary, Kuba Brown, was honored by the North Brooklyn Angels at their Neighbors Helping Neighbors Luncheon with their inaugural "Guardian Angel Award."

"I take a great deal of pride in being involved with the North Brooklyn Angels, they are an outstanding organization doing important work for Brooklyn," said Kuba Brown. "I do not accept many fundraising honors, and I definitely steer clear of the large non-profits, because you never know where the money is going. But with the North Brooklyn Angels, you know the money raised goes straight toward feeding people."

The Angels have the participation of over 850 volunteers and have served over 80,000 hot lunch meals and over 275,000 pounds of bulk food to residents. They have also provided baby and maternity essentials like diapers and baby clothing to over 500 families.



Ray Macco

What Separates Us

Dear Brothers and Sisters,

What separates Local 94 members from many in our industry is our skill set. Let us not forget how important our training center is to all members. With new technology entering our industry, and the introduction of Local Law 97, we have an opportunity to further show our knowledge by honing new skills to further our growth within the industry.

“With the upgrades in classes like package units, A2L refrigerant handling and advance controls among others, the training center is re-tooling for our new members as well as giving opportunity for continuing education for our journeymen.”

In addition to your hands-on skills, every license and certificate of fitness every member maintains highlights our knowledge and assures everyone that we are a fundamental asset to their buildings. I am proud to say that Local 94 members hold as many as 20 certificates of fitness for our buildings.

So, take advantage of every class offered at the training center to grow in the industry. If you see new technology coming into your building, please reach out to notify the training center, and your business agents, so we can continue to be the most skilled tradesmen and women in the industry

As of the writing of this article, the fight to defend the Refrigeration Machine Operators license continues. Maintaining all required certificates including the FLS helps position our members for continued success.

Please remember the impact of our political action fund and the importance



An engineer handling an A2L refrigerant unit.

ESCO Group

of a continued relationship with the City Council, FDNY and the Department of Buildings which is paramount to our success.

Please make every effort to be part of the political action.

Fraternally,

Raymond Macco,
Assistant Business Manager

‘With the upgrades in classes like package units, A2L refrigerant handling and advance controls among others, the training center is re-tooling for continuing education for our journeymen.’



Vincent Curcio

Who does 911 Call for Help?

Clad in blast resistant walls and surrounded by security booths, checkpoints, barriers and bollards, sits 11 Metrotech Center, home to the offices of New York City agencies, but most notably, a 911 call center – PSAC I (Public Safety Answering Center).

The 911 call center at 11 Metrotech handles several thousands calls per day from its 216,000 square foot building, and that is something that Chief Engineer Christopher Stone and his 12-member crew take very seriously. This is a building that must be self-sufficient for days at a time – no easy proposition when you consider that it requires 3 megawatts of power to run the relatively small, 7-story building. “We call it a little big building,” says Stone.

It is a building of redundancies: two of every system, back-up for the back-up. The Local 94 crew monitor and maintain the extensive nearly 9-megawatt generator plants, 6-megawatt UPS (Uninterrupted Power Supply) and power distribution systems – including static transfer switches, PDUs, switchgear breakers and batteries, all part of their exhaustive maintenance protocols. Preemptively replacing equipment to ensure uninterrupted service is crucial at 11 Metrotech.

Unsung Heroes of NYC

“If this place goes down, people die,” said Stone. The pride and privilege of working at 11 Metrotech is apparent in Stone and among his entire crew as they describe their work as engaging in a “noble cause.”

“We like to say when you have a problem you call 911, when 911 has a problem they call us,” said Assistant Chief Engineer Dave Singer.

“Most people remember quite vividly the last time they needed 911 and are truly grateful it was there, and that is why we are here,” said Stone who has worked at 11



Christopher Stone

Back row, left to right, Dominic Rozario, Jonel Muncan, John Barta, Dave Singer, Gregory Johnson and Mario Dellapasqua. Front row, left to right, Michael Caso, Hardat Ramnarain, Christopher Stone, Paul Berkowitz Jr.ºS, Connor McDermott and Kurt Lillo.

Metrotech for 25-years. “If we do our jobs well, very few people will ever know what it is that we do, but we keep this building running, just like other Local 94 Engineers keep their buildings running. I have to say all Local 94 Engineers are the unsung heroes of NYC.”

With the building nearing its 30-year anniversary, Stone and his team have been replacing all the systems, including three new UPS systems – 6-megawatts in capacity – parallel generator controls, and engine management controls for the nearly 9-megawatt generator plant. A new chiller is planned for the roof this summer. There are currently 5 chillers, peak load requiring three. 11 Metrotech also boasts an uncommon 15,000-gallon pressurized domestic water tank and a 53,000-gallon non-potable tank.

“All this work is being done without disruption to the tenants’ operations,” said Stone.

Stone attributes his crew’s overall experience and expertise, and their knowledge of the buildings systems for their ability to keep the building running smoothly day in and day out. All the work and maintenance are done proudly in-house – the crew at 11 Metrotech

do lighting repairs, convert everything to LED, and do their own welding and rebuild of pumps. Because for this crew, that is the only way they know it will be done right – indeed, this is their house, their equipment, and for this reason Stone’s crew are very protective of it.

Stone recounts a recent incident in which they lost three fourths of their utility feeders. “Our crew sprung into action and transferred live loads to the generator to preserve our utility feed and circumvented the tenants from having an outage. Just another day where Local 94 work in the background to keep NYC operating, and in this case, operating the City’s call and dispatch center,” said Stone.

A big part of the job is the crew’s maintenance of the 5 450-ton chillers and 80 plus CRAC units (Computer Room Air Conditioner), enormously critical work in a building that relies on computers and data centers to run its 911 call center.

For Stone and each member of his Local 94 crew, working at 11 Metrotech is a privilege for which they do not need to be reminded. Their work is vital to the health and safety of all New Yorkers and answers the question, who does 911 call for help?



Mike Gadaleta

The Ultimate Cooling Tower Replacement Project

The 17-story, mixed-use commercial building 589 5th Avenue boasts an appealing address and location as it commands attention on the corner of 48th Street and 5th Avenue. Its 184,000 square feet is also home to H&M’s famous eye-catching, glass-enclosed flagship store.

Built in 1954 by the famed architects Emery Roth & Sons, the building is now home to 66 different companies from a variety of fields including retail, manufacturing, finance, real estate and insurance. However, the building is best known as being the headquarters of some of the top jewelers in the world, including William Goldberg.

As striking as its appearance is, and as prestigious as its address and pedigree are, the building made news recently for its roof.

In May 2023, the single water tower that has been sitting on the roof of 589 5th Avenue since 1954 was replaced. The work began in November 2022 when General Contractor Vanguard Construction & Co., 12 subcontractors and Cushman & Wakefield’s Chief Operating Engineer Tommy Mazza and his team embarked on an incredibly difficult though successful effort to replace the single, nearly 70-year-old cooling tower with two new and improved Marley SPX Cooling towers.

The herculean effort to switch out the old tower for the new cooling towers is the all the more impressive when you consider it had to be done in under a year to comply with the City’s mandated deadline of May 15th for a cooling system to be in place. “If it’s not in



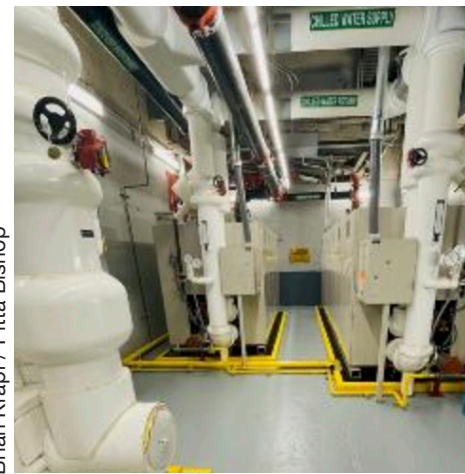
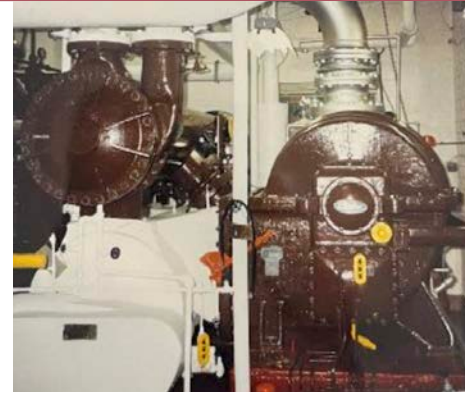
Brian Krapf / Pitta Bishop

Above right, old steam turbine chiller that was replaced in 2022. Above, after, same room, new stacked chillers. Crew, from left, Lead Engineer Dave Iocco and Chief Engineer Tommy Mazza.

place and working by May 15th, the building would have to shut down,” said Mazza. “So that date hung over everything we did and certainly contributed to our stress.”

Luckily for the tenants Mazza was literally born to do this. His father Thomas Mazza, Sr. has been a member of Local 94 for over 40 years and has served as the Chief Engineer for 388-390 Greenwich Street for the last 20. “We share the same name, same title and work for the same company – I’m truly following in his footsteps,” said Mazza. Mazza also has the invaluable help of his Lead Engineer, Dave Iocco. Iocco has been a member of Local 94 and an engineer at 589 5th Avenue for 40 years. “I tell him all the time, he can’t retire until I retire,” jokes Mazza.

The 6-month effort to replace the tower was hampered throughout by supply chain issues and permit delays for the cooling



Cushman & Wakefield

tower crane. If a normal lead time to order new cooling towers was 35-40 weeks, it was exacerbated by the supply delays still being caused by COVID. And still the project deadline loomed.

Each morning for over 6 months, Mazza would convene a meeting with the 12 foremen for the subcontractors working on the project to ensure whatever work was being planned for that day would not cause disruption to tenant service, while at the same time making sure he and his 5-member crew were still tending to the building’s day-to-day operations.

To carry tenants over until the new towers were in place, Mazza and his team installed mobile coolers for all 66 tenants.

“All of the work and coordination added up to a lot of 12-hour days, often, 6 days of week,” said Mazza.

Also needing to be replaced was the

Continued From Previous Page

building’s single chiller, a 41-year-old steam turbine. The chiller was replaced with two modern, stacked chillers (see the before and after pictures at left). All the retrofit work around the new equipment, be it painting or electrical, is all proudly done in-house, and currently continues.

Dismantling the old cooling tower revealed extensive corrosion that was patched up over the many years, and a lot of rotting wood – yes, wood. Because of the old tower’s asbestos, remediation had to be performed, which only added to the project’s time and stress to the crew.

The real project challenge, however, was lifting the cooling towers and placing them on the roof of the 17-story building. The roof had to be completely redone first – all new beams and a platform had to be installed and adding to the degree of difficulty was that directly under the roof where the towers would be placed, were the building’s elevator banks. The installation of the new platform required precision.

But the real precision involved the cooling tower crane. The cooling towers had to first be assembled on the street before they could be lifted. Then the crane had to be constructed and then inspected, which often takes hours. Lifting the towers with the crane proved difficult, because floors 9, 10, 12, 14, 16, and 17 at 589 5th Avenue are set back, making lifting the cooling towers straight up a challenge.

Thanks to the fact that Mazza and his crew started working 7 days a week they were able to do their commission start up for the first time for the cooling towers the last week in April 2023 and on May 1st it was turned over to them for operation, fully functioning and running properly – with 14 days to spare.

Asked to describe 589 5th Avenue today, Mazza says, “Progressive movement. The building has made a lot of strides in a short period, and I think we can expect bigger and better things every day.” Mazza and his crew will make sure of it.



Kelly Drummond

The Equinox Hotel – At the Heart of Wellness

The lavishly appointed high-rise Equinox Hotel New York in the heart of midtown’s Hudson Yards, focuses its hospitality almost entirely on wellness, sleep quality and luxury.

Opening in 2019 at 33 Hudson Yards, the Equinox Hotel marks the upscale fitness and wellness brand’s first enterprise in the hospitality arena. The luxury hotel quickly commanded attention soon after when it was voted as one of the best hotels in the world.

Occupying 15 floors of the 92-story residential tower, the Equinox Hotel attracts deep-pocketed wellness devotees, sleep tourists, and stay-cationers. The high-rise has retail stores at its base – including a Starbucks and one of Equinox’s many lifestyle brands, SoulCycle – and is just a short walk to the famed art installation, the Vessel.

The uniqueness of the property is underscored by the sky-high lobby, which is where guests check-in, and is located on the building’s 25th floor and includes stunning panoramic views of the city. The Equinox Hotel has a 60,000 square-foot fitness center, an indoor and outdoor pool, and an unrivaled on-site spa. Its commitment to sleep is demonstrated by each room’s soundproof walls and light-blocking curtains.

But more importantly The Equinox Hotel is a LEED Gold building, because from the very infrastructure to all its buildings, Hudson Yards is a state-of-the-art



Alex Brown / Pitta Bishop

sustainable neighborhood.

Maintaining the integrity and efficiency of this state-of-the-art equipment is the 11-member Equinox Hotel engineering team.

The Equinox Hotel is part of the Hudson Yards’ pioneering microgrid, which includes two eco-friendly cogeneration plants. Hudson Yards is powered by four large engines, though any generated excess heat is recaptured and used to heat and cool all the community’s buildings. Indeed, the ultramodern process greatly minimizes greenhouse gas emissions – an estimated 25,000 metric tons of carbon dioxide each year.

It’s a job that requires vigilance, but the dedicated Equinox Hotel engineering crew is as committed to the smooth and uninterrupted operation of the hotel as the enthused visitors are to sleep and wellness.



Cy Gomez

From Left to Right: Raymon Guzman, Eliazar Gomez, Zariel Guzman, Hugo Macias, Xhevit Bala, Jhon Vaca and Alex Aucapina. Top, air handler.



John Cancel

A 100-year-Old Building Running 2024 Efficiently

PENN 11, is the 100-year-old historic Equitable Life Assurance Building. Standing 26 stories tall, clad in striking Milford pink granite, the one million square foot building, is the long time New York headquarters of Macy's and new home to tech giant Apple.

The building's true allure, why New Yorkers and tourists alike choose to pass through one of its three entrances on 7th Avenue, 32nd Street and 31st Street, is the recently refurbished lobby. Towering archways greet you at each entrance and serve to frame the building's ornate cathedral ceilings. The passenger elevators were recently renovated and the chandeliers that dot the ceilings, restored to their former glory.

The crown jewel of the lobby is the 560-square foot, 25.6-million-pixel screen that features slow moving artwork that changes themes frequently. Sometimes it is in recognition of the season, and other times it is a contribution from one of the media and tech companies that now occupy the building. In a nod to the office building's strong traditional and modern touches, engraved on the ceiling above the screen in gold is "The Equitable Life Assurance Society of the United States."

Chief Engineer Mike Fallon is happy to show off PENN 11's extraordinary lobby, but he is even prouder of the building's LEED Gold certification, the fact that they have never had a Local 97 sustainable building violation, and that the building was chosen as the 2023 Pinnacle Award for finest Historical Building. "We're in the running for the International Award for a historical building also," Fallon is quick to mention.

Fallon, who has been at PENN 11 for 17-years, is especially fond of his hard-working nine-member team (four engineers and five helpers) as they are integral in keeping a 100-year-old building on par with a modern development's sustainable metrics. PENN 11's environmental and sustainable record is

Penn 11.



Brian Krapf / Pitta Bishop

Back Row: Scott McGowan, Alex Lefkovic, Darian Francis, Nick Zaramatidis and Ryan Gordon
Front Row: Mike Fallon (Chief Engineer), Mike Rosas, Mike Rothschild, and Steve Fernandez.

particularly impressive when you consider the building is fully occupied by media and tech companies and their data centers.

PENN11's energy management system (EMS) is made up of two sources – a Building Management System (BMS) and a submetering system. Installed in 2022, the BMS has all new controllers which affords the building the ability to modify its energy savings. 90% of the building has variable air volume boxes, and when combined with the new controllers and 22 supply and return fans, the building will not over-ventilate and greatly reduce electrical costs.

Also in 2022, four 600-ton Smardt electric chillers and controllers were installed. The new controllers and size of the chillers allow for greater control of the cooling level which facilitates additional savings.

Additionally, the submetering system allows for PENN 11's power usage to be viewed in real time on a commercial grade monitoring system. Heating and cooling consumption can be adjusted using the submeters installed on all electrical panels. Taken together, the new equipment brought PENN 11 into a new era of sustainability.

The retrofitting in the engine room - the painting, sheetrock, electrical work, and lighting - were all performed by Fallon's crew. "We

do everything we can possibly do in-house," said Fallon. "The crew did an incredible job, and they did it while operating the building."

Much of the old, decommissioned equipment remains on different floors in PENN 11 and recalls a long past era of large switches and gauges that look like analog watches. "We keep it for nostalgia," says Fallon.

There are two services for PENN 11's water – one each on 31st and 32nd Streets – that are pumped up to two 15,000-gallon steel tanks. There are also tanks for fire reserve – a 15,000-gallon tank for sprinkler and 15,000 and 5,000-gallon tanks for standpipe.

Fallon mentions that after new construction was complete on the building's upper floors, a domestic water booster pump system with a bladder tank was installed because the building's 1923 water pressure design was insufficient to serve the newly designed space.

"The booster pump system, along with the installation of the new energy efficient chillers, eleven new air handlers, energy efficient motors installed on the remaining air handlers and pumps, as well as 66 variable frequency drives allows PENN 11 to operate as a modern, Class A, high-rise building, and is another example of how innovative thinking keeps the older buildings thriving and competitive," said Fallon.



Bill Caramico and Tom Hart

The Richard H. Hungerford Building.



The Richard H. Hungerford Building: The School of Tomorrow

Constructed on the Michael J. Petrides School grounds in 2022, the Richard H. Hungerford Building is the school of tomorrow. The 110,000 square foot standalone building on the complex's use of green energy is a glimpse of what we can expect from city schools in the not-so-distant future.

The energy is used to power a school for students of special needs year-round. The Richard H. Hungerford Building is the main site for District 75, which is the public school district division specifically focused on children with special needs. There is more faculty than student to ensure every student, whether they are studying or learning how to cook, has their needs met. This also means making sure the school functions properly in case of an emergency. Local 94, in conjunction with the Division of School Facilities (D.S.F.), are responsible for maintaining a safe and healthy environment for the students and faculty of the building, providing the first line of defense.

The first thing John Brullo, fireman and engineer of the building, does every morning is make sure that the fire alarms are operational. "The neighbors must hate us." Brullo joked, "We test them every day." Monthly, John makes sure the sprinklers are operational as well. He keeps the logbooks up to date. "If I turn a screw, I write it down." Brullo said.

What care a normal school may need, the Richard H. Hungerford Building needs triple the amount of. "The first floor of this school is essentially a hospital," said Brullo, "We need to make sure there is always enough power in case of emergency." The building is equipped with lightning protection, and it also has a battery backup in case of emergency situations such as power outages. This is designed so

the power can stay on as the building can be safely evacuated in cases of emergency. There is also the Sub Slab Depressurization System (SSDS.) "This removes all unwanted gas building up from below." John told us.

The building also has five air handling units that filter and provide the cleanest air. Six months or annually, depending on whether it is 2-inch or 12-inch respectively. The water system has its own filter, which includes ten stations to refill water bottles



Tom Hart

Local 94 Fireman John Brullo sitting at his desk, showing off one of the daily logs he takes for the Richard H. Hungerford Building.

to remove the use of single use. "To date, it has eliminated thousands of bottles." John proclaimed.

The Richard H. Hungerford Building uses a looping climate control system, geared towards a green protocol. It is equipped with an occupied and unoccupied mode which adjusts the temp according to building occupancy and the automation is all controlled by the Building Management System. Heat is provided by the two 500 HP Bryan boilers, whereas air conditioning is provided by a

270-ton, 20 compressor, 10 module Arctic Chill chiller. "There is a secondary heat source with a perimeter fin tube heat which gets its heat from the boilers and plate frame heat exchanger, much like how the air handling units work." John explained.

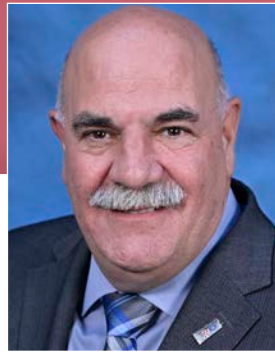
"Going from engineering a building from 1966 to a building built in 2023, the science behind everything changes, but not how to function it." noted Brullo. He credits the training he's received from Local 94 to developing his problem-solving skills when he needs to get innovative on the job. "Local 94 trains its members to address any problems and find a solution."

Much of the equipment is computerized, as well. While there still needs to be engineers on site to make sure things are running smoothly, much of the control comes from seeing how everything is functioning through a computer. If the numbers are off, the computer will have the data for the engineers to read.

John has become more than just an engineer at the Richard H. Hungerford Building; he is part of the school system's family. "The kids here are wonderful." he spoke gleefully, "I helped by making a giant hawk for their play this year. I have ideas for their play next year, too. Everything here is built on trust in one another. If you can't get along, it's going to fall apart."

When looking at other schools in the state, it's transparent how forward thinking The Richard H. Hungerford Building's engineering is. It generates maximum efficiency out of minimum energy to reduce the carbon footprint.

Thank you to John Brullo, whose love of both engineering and the children and faculty of the school has made the Richard H. Hungerford Building safe, healthy, and bound-ary pushing.



Rocco Ferrigno

200 West Street Demonstrates the Power of Training

200 West Street in the Financial District is a flagship of LEED Gold buildings. The building has a clear span design that accentuates its three commodious lobbies and its state-of-the-art trading floors.

The building has over 2.1 million square feet of office space that spans 43 stories. Goldman Sachs owns all the space in this substantial building. It includes a large fitness center, a cafeteria, a back-up childcare center for its employees, and a 350-seat auditorium.

The prestige of the building and the talent of the people working inside also extends to the 29-members of the JLL engineering team, which keeps the building cool in the summer, warm in the winter, and powered year-round.

The engineering team is led by Jeff Poliseo, Mike Williamson, Matt Clarke and Kevin Bayley; along with 2 Assistant Chiefs, 3 Lead Engineers, 17 Engineers, 3 Mechanics, and 3 Helpers. They make it not only a flagship of LEED Gold buildings, but also a flagship for engineering and training. Because the team engages in frequent and intensive training, it operates this state-of-the-art building at an extremely high level.

Operating engineers from other buildings have visited to see for themselves the right way to keep things running smoothly. The 200 West team has been invited to other buildings to offer their suggestions and recommendations.

In describing his crew's approach to their work, Bayley states, "If it's broken,

we fix it. We make sure it is up and running the very next day, at the latest, no matter what." Bayley attributes his crew's efficiency and effectiveness to the fact that they are always training. "Everyone here is trained to be able to fix everything."

The mechanical, electrical, and plumbing systems that the crew maintains are located on five floors. As a LEED Gold Building, 200 West Street participates in Con Edison's "Demand Response" program. The program occurs during peak summer hours when the building is able to use only two of its five chillers to reduce their energy usage by 1,000 kilowatts. One unique aspect of 200W is the ice storage plant. Engineers can run all five chillers to build ice through the night when energy cost are at a frac-

tion of what they are during the daytime, and this significantly reduces chiller tonnage. As a result, engineers can operate one of the more energy-efficient and cost-effective plants in NYC. The building also has a 100,000-gallon reclamation tank for condensate and rainwater collection to be used for irrigation and cooling tower make up.

There are several members per shift that covers the operations 24 hours a day to make sure all equipment runs without interruption. Besides all of the regular training, like SPCC, NFPA 70E, LOTO, CPR, and all safety and fire brigade training, "Every Tuesday, for about 30 minutes, the guys are given an emergency situation where a system has failed, and they must work their way through a plan with a checklist to restore it," said Bayley. The plans are kept

Brian Krapf / Pitta Bishop



The crew at 200 West Street. Below, a partial view of the Live Electrical Training Board.

on file, and if something should go wrong, the crew is able to immediately refer to one of these plans. Indeed, when crews from different buildings come for a tour, these plans are featured prominently.

"Bobby Fantine would say, 'Make it so the crew has done it so many times that they know it like the back of their hand and they get bored during these sessions,'" said Bayley about advice given to him by Local 94's former longtime Director of Training, Bobby Fantine, who passed away last spring.

The crew at 200 West Street also takes pride in their Live Electrical Training Board and the amount of time each member practices on it. At the time of our visit, they were building a new board and donating the one pictured left to the Local 94 Training Center.

Another training exercise the crew often performs to keep their skills sharp is taking apart equipment and putting it back together to make sure everyone knows how. Twice a day, critical rounds are performed of the building's UPS (Uninterruptable Power Supply) rooms.

The team is determined to learn all the building's systems inside and out, often sitting for hours of training provided by all vendors to properly maintain and repair all equipment.

Although much of the maintenance and painting of the equipment is performed in-house, outside vendors like electricians must be on-site to help with some work. The team is vigilant in making sure that these vendors adhere to their high safety and work standards. "The engineers here care about what they do."

At the state-of-the-art Goldman Sachs tower, frequent training is the name of the game, and the results are easy to see in one of the most impressive buildings in the city.

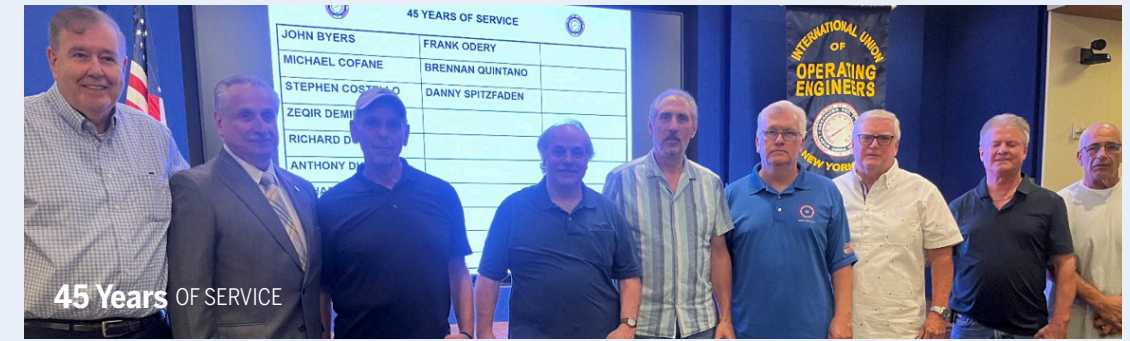
Local 94 2024 Service Awards

Congratulations!

2024 IUOE Local 94, 94A, 94B Service Award Recipients



Kuba Brown with 50-year Service Awardee Christopher Benson.



50 Years OF SERVICE

Christopher Benson
Wing Cheng

45 Years OF SERVICE

John Byers
Michael Cofane
Stephen Costello
Zeqir Demiraj
Richard Dowling
Anthony Ducret
Richard Harty
Lawrence Mannarano
Lawrence Morton
Robert Naegely
Franky Odery
Brennan Quintano
Danny Spitzfaden

40 Years OF SERVICE

John Barberi
Anthony Barnes
Scott Bowen

Daniel Cabral
James Campbell Jr.
Joseph Cianciotta
Christopher Cullen
Philip Dalessio
Kevin Daly
Anthony Fasulo
Joseh Frittola
Dominick Galluscio
Peter Gavrrin
Jeffery Irving
Michael Kaplan
Kieran Kelly
Kevin Kieran
Albert Lamarch
Keith Lehner
Kevin McCarvill
James McGinley
Robert McMahon
Shawn Montague
John Moreno

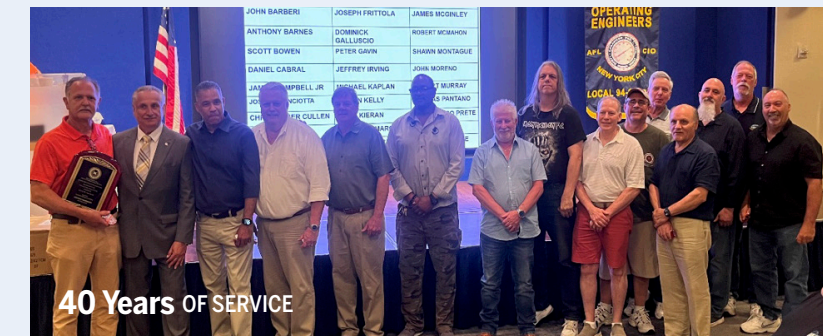
Robert Murray
Thomas Pantano
Ferdinando Prete
Joseph Prisco
Daniel Pugliese
Louie Rojo
Keith Ryan
Kenneth Tokar
Joseph Wagner
Bernard Woods

35 Years OF SERVICE

Christopher Agli
Thomas Aloï
Nicholas Anzalone
Michael Biglin
John Bowden

Brian Burns
Reuben Cabral
Michael Cama
Kevin Campbell
Joseph Caraciolo
Jack Chin
Thomas Colleran
Lucien Coppola
Christopher Court
Anthony Crisa
Robert Crivici
Patrick Feeney
Raymond Feliciano
Charles Fisher
Tony Ford
Vincent Frasca
Richard Frisch
Mark Fuentes
Esteban Garcia

Raymond Garrity
Jose Gregori
Andrew Hardy
Michael Harvey
James Hollywood
Leo Incorvaia
Peter Italiano
John Kehoe
Terrence Larkin
Lonnie Long
Robert Lora
William Losco
Paul Loughran
Edward Maciej
Desmond Maguire
Thomas Mahoney
Christopher Marley
John Marzella
Brian Matthews



Anthony Fasulo, Executive Board member/Auditor, received an award for 40 years of service.

Local 94 2024 Service Awards



35 YEARS CONTINUED FROM PREVIOUS PAGE

Terence McConnon
Michael McDonald
John McKee
Matthew McNeill
Anthony Melfi
Joseph Mendez
Edwin Morales
Joseph Murnan
Carl Musco
Bernard O'Donnell
Jeffery Passafaro
Edward Pekarik
Steven Petruzzo
Anthony Polito
Joseph Primiano
Christopher Racz

David Ramirez
John Randberg
Bill Reinhard
Joel Riley
Juan Rivera
David Rodriguez
Sean Ruddy
Joseph Salgado
Andrew Scozzari
Leon Seetaram
Joseph Shearin
Kevin Smith
Brett Sontag
John Thompson
Michael Tooze
Nicholas Trupia
Domenico Vezza
David West
Peter Zupcich

30 Years OF SERVICE

Glenn Albrektsen
Wais Ayoub
David Azzopardi
Gaetano Azzopardi
Sean Blackwood
Jason Breschard
Stephen Buckley
Jesus Burgos
Paul Caban
Mark Callo
Vincent Caputo
Rodolfo Castillo
Frank Catalano
John Chadwick
Johnny Christian

Antonio Cimino
Michael Crosby
Terry Daniels
Dominick Deortentiis
Frank Driscoll
Andrew Dunlea
Jeffery Duymich
Ismael Echevarria
Mark Estrada
Marvin Fowler
Paul Gallagher
Orlando Garcia
James Geaniotis
Ernest Grant
Thomas Gross
Frederick Hamilton
Kirk Harry
James Hart
Zihong He
Michael Heavey
Gregorio Ines
Keith Jarva
Paul Jessup
Michale Keaveney
Patrick Kelly
Sean Kenney
John Keogh
Joseph Korcak

Glen Lananna
Pasquale Licciardi
Joseph Lundy
Scott Lung
Luis Malave
Charles Mancuso
Sean Maraj
Michael McLoughlin
Vincewnt Meli
David Merced
Philip Mincone
Mihcael Moore
Peter Morley
Patrick Mullee
John Muller
James Mullins
David Naylor
Nicky Ng
Gregory Noll
Marc Norato
Kevin Pellikan
Garry Reuter
Thomas Rhodes
John Russell
James Savage
Anthony Spina
Richard Sushko Jr
Frederick Teich



James Torres
Charles Towns
Lawrence Vega
Glen Wagner
Anthony White

25 Years OF SERVICE

John Abair
William Alexander
Ismael Alvarez Amaya
Wilfredo Asencio
Wilfred Ayala Jr
Roland Banishta
Anthony Bethel
Thomas Bickerton
Keith Boccasio
Almon Boston
Michael Brothers
Joseph Bruno
Winston Buchanan
Patrick Cahill
George Carlson
Edwin Carrero
Kieran Casey

Anthony Castellana
Fernando Castor
Jack Coffey
Jose Collazo
Anthony Colon
Peter Curreri
Anthony Cutignola
Gus Davetas
Odell Davis
Richard Delvecchio
Peter DeMarco
Edmundo Dimaadnal
John DiMarco
Edward Doherty
John Drabczyk
David Dueno
Michael Enders
John Facultad
Kevin Ferrante
Shaun Finn
Michael Fleming
Alfonso Franco
Robert Frankel
David Gavin
Grigoriy Godish
Gregory Gold
Carlos Gomez

Anthony Gorman
Floyd Gray
Jorge Frullon
Joseph Guidice
Michael Guzman
Gabor Haberman
Arthur Hammel
Thomas Hansen
Robert Hardtmann
Joseph Hartmann
John Hills
William Homich
Michael Horan
Timothy Hynan
Michael Inglesby
Kenneth Jackowski
Ransford Jarrett
William Karpowich
Thomas Keenoy
William Kerr
Joseph Klein
Steven Krug
Richard Lavino
Louis Locricchio
Leonardo Lupo
Antonio Macaluso
Steven Marquez

Carmelo Martinez
James Mauro
Nicholas Mazzola
Brent McCoy
Donovan McFarlene
Severino Mendez
Carlos Mercado
Frank Meyer
Jason Mianti
Romulo Mieles
John Miller
Alford Morgan
Edward Morgan
Richard Morris
Fausto Mota
Declan Mullarkey
Ronald Murray
Jack Nalczak
Rabindra Nandlall
John O'Donoghue
Alban Odza
Andrew O'Hara
Edwin Ortiz
Ioan Panczel
Eric Pauls
Michael Pellechia
Michael Phelan

Samir Radoncic
Abdool Rahaman
Ronald Reid
Luis Rivas
Nelson Rivera
Kevin Rogers
John Ruiz
Philip Russo
Ismet Sahmanovic
Dennis Salvador
Alberto Santiago
Paul Sciallis
Mariusz Siedlecki
Alfred Spiteri
Adam Stolarczyk
Matthew Tesoriero
Skender Tonuzi
Christian Valdez
James Vanvort
Vincent Viola
Michael Vitale
John Weatherup
Keith Weisgerber
Joel Wielingen
Darren Woods
Egene Yazzetti
Mohammed Zaker



Local 94 Scholarship Picnic

PHOTOS BY ALEX BROWN





David Hawkins

Local 94 Training Center and the Future

Our value is enhanced by our skill and our skill is enhanced through training, so when faced with uncertain economic times our training proves invaluable.

As always, we encourage new members to thoroughly familiarize themselves with their buildings, and seasoned members to challenge themselves by building upon their well-honed skill set. This can be accomplished by coming back to school to re-take a course or discover a new one - experience and knowledge is an indispensable combination.

We have a wide range of courses at the training center from which you can choose and can help make a dramatic difference in your career.

A2L Refrigerants and the Future

With the new codes and regulations coming down from both the EPA and the City regarding refrigerants, the Training Center will be offering a 4-hour Safety and Handling of A2L refrigerants for members throughout the year. Please check our website for dates and times for all training courses.

Tuition Fee Increase for Voluntary Courses

Though the cost of elective courses has remained the same for 25 years, to pay for the Interplay Simulator subscription, we have had to increase the pricing of each program. Please see the revised pricing below:

Unit 3c Refrigerating System Operating Engineer: \$300 to \$500

SMT Courses:
EC Energy Conservation: \$150 to \$250
IAQ Indoor Air Quality: \$150 to \$250

BOMI SMA Courses:
SMA6 Building Design and Maintenance: \$300 to \$400
SMA7 Managing and Organization: \$300 to \$400
SMA8 Environmental Health and Safety: \$300 to \$400



Photos by David Hawkins

Above, Hugo Zamora Jr., fireman, preparing to take his Q01 test. Left, equipment for the A21 Safety Course.



Interplay Learning (simulator) in Exam Prep

One key benefit of Interplay is its ability to prepare our members for the practical part of the licensing exam, proctored by the fire department. Indeed, Interplay's interactive simulations help replicate real-world scenarios, allowing members to safely practice essential tasks and procedures they may encounter on the job. This hands-on experience builds confidence and competence, leading to higher success rates

on the exam.

Interplay helps members prepare for the EPA 608 Universal Certification, an additional requirement for getting licensed. The catalog includes comprehensive information for all four sections, allowing members to log in, watch videos, and take practice tests until they feel prepared for the exam. Interplay has been pivotal helping our members pass both the written and practical exams.

Local 94 REBNY Winners



One Vanderbilt - Summit

REBNY Engine Room of the Year — *One Vanderbilt*



Kevin Antoniotti

Left, One Vanderbilt.

Above, Left to Right: Chief Engineer James Hollywood, Mike Muller, Kevin Antoniotti, Stephen Ferguson, Robert O'Sullivan, Kenneth Urick and Michael Fitzpatrick.

REBNY Small Commercial Building — Chief Engineer of the Year Winner —

630 3rd Ave.

REBNY Large Commercial Building — Chief Engineer of the Year — *450 Lexington Ave.*



Photos by Nick Mazzola
450 Lexington Avenue.



Crew: From Left to Right: Chief Engineer Nick Mazzola, Stefan Simko, Manny Espinoza, Richard Tauer, Chris Capowich, Mike LoCascio, Jon Soler, Ben Montante, and Luis Ostero.



Above Left, 630 Third Avenue.

Crew: Above, From Left to Right Keith Loures, Chief Engineer Martin Hanley, and Steven Delbrey.

Photos by Martin Hanley

Labor Day Parade in NYC





Derek J. Davis

Healthy Body, Healthy Mind

If you want to get or stay healthy and active, it's important to treat your body and mind with care. This is the essence of self-care. Rather than being indulgent, practicing self-care for a healthy body and mind is about taking small steps every day to improve your well-being, like making an appointment for a yearly checkup or going to bed earlier.

When it comes to starting a daily self-care routine, the main goal is to be realistic. The best self-care practices can often take more effort than we realize. Yet once you establish a routine, you will feel better physically and mentally every day — and stay healthier over the long-term.

3 Ways to Care for Your Body And Mind

Nurture Your Body

Your body works hard every moment of every day, pumping blood, repairing cells, and helping you avoid danger. Most days, you don't even notice until something aches or breaks. That's why it's important to take care of your physical health.

Self-care ideas to support your physical health include:

Regular checkups

Even if you feel healthy, an annual physical gives your doctor the chance to catch health problems early, before they become more serious. They can also help you stay on track with good habits that will keep you feeling your best. Physical activity: Exercise is one of those self-care items that's easy to put off — yet it's vital to strong physical and mental health. It can boost your mood, kickstart



your immune system, aid digestion, and help you sleep.

Healthy eating: When it comes to taking care of yourself, what you eat, and drink play a critical role. Food is your fuel — and your medicine. It affects how you feel, how well your body moves, and how well your brain works. Drinking enough water every day is also vital for health.

Good sleep: Sleep restores your body and brain. Strive for around seven to nine hours of quality sleep. To help, try turning off electronic devices an hour before bed and going to sleep at the same time each night. A few minutes of deep breathing or meditation can help you relax.

Make Time for Mental Health

Commitments and responsibilities in your daily life might make you feel overwhelmed or stressed at times. If stress becomes chronic, it isn't good for your long-term physical and mental health.

Self-care tips for mental health include:

Talking to a mental health professional: If you're not sure how to start counseling or where to find a therapist, your health plan can help connect you with mental health support.

Getting outside: Being around nature can improve focus, lower stress, and boost

your mood. If you're feeling angry or stressed, step outside for a few minutes. Enjoy the breeze and sunshine. Even small things like having a houseplant bring a touch of nature indoors.

Practicing gratitude: Take a few minutes every day to be thankful for what you have by praying, meditating, or writing in a journal. Also, remember to tell those who matter most to you how much you appreciate them.

Connect With Others: According to the Centers for Disease Control and Prevention, connecting with others has a positive overall health. So going to dinner with friends is good for you!

Here are three self-care techniques for social connections:

Practice being more social: People who regularly engage with others, and even with pets, recover faster from illness and are sick less often. Say "hi" to your neighbor and "yes" to a night out. If you are feeling down, reach out to a trusted friend. A good laugh or heart-to-heart talk is healing for both mind and body.

Get involved: Volunteering is good for your mental health and your community. Find something that meets your interests and fits your schedule, whether it's once a week or once a month.

Take a break from social media: Social media might seem like a good way to connect with others, but it also can take a toll on your quality of life, self-esteem, sleep, and mood. Take a break from your phone, starting with not checking your phone during meals, before bedtime, or right when you wake up.

The IUOE Local 94 Health Fund offers many ways to support your physical and mental health.

You can check your benefits or find care on the SydneySM Health app or at anthem.com.

You can also call Anthem Member Services at 833-604-1470 or the Health Fund Office at 212-541-9880.



Michael O'Connor

Managing your Local 94 Annuity Fund Individual Account

Did you know there are some great resources available to assist you? ...Absolutely Free!

The Annuity Fund of the IUOE Local 94-94A-94B ("Annuity Fund") retains John Hancock as the Annuity Fund's recordkeeper, to maintain all Annuity Fund participants' Individual Annuity Accounts ("Annuity Account").

As a participant of the Annuity Fund, John Hancock provides many great resources that can help you manage your Annuity Account and assist you in taking control of your future.

Managing your Annuity Account

It's easy to manage your Annuity Account and take charge of your future. Here is a list of just some of the things you can do online or by telephone:

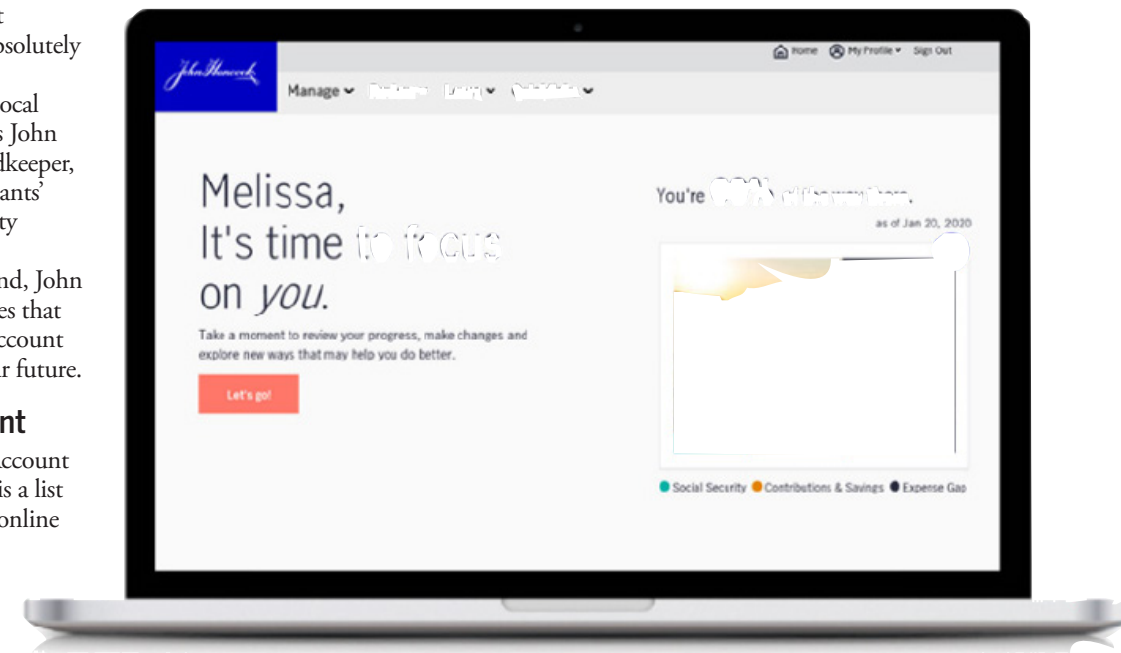
- Check your account balance
- Check your employer contributions that were credited to your Annuity Account
- Change your investment choices
- Review investment performance data
- Request investment fund information and prospectuses
- Sign up for email notifications
- Update your profile
- Access free online investment advice
- And much more!!!

How do I access my account

There are three ways you can access your Annuity Account: online, by telephone, or through a mobile application using your smartphone.

Online:

Visit www.myplan.johnhancock.com, and sign in with your user i.d. and password.



Phone:

Don't have a user i.d. or need help registering for one? You can call 833-38-UNION (833-388-6466) and speak with a participant services center representative from John Hancock.

Mobile app:

Simply download the mobile app "John Hancock Retirement"

Personalized retirement planner

A simple, colorful graph shows how your projected income in retirement compares with the anticipated spending over the course of your retirement years. The experience includes guidance on the actions that can help you get on track if you happen to be behind or improve your

general financial health if you're already on track.

Morningstar Retirement Manager

Take advantage of personalized investment advice through Morningstar Retirement Manager at no additional cost to you. This easy-to-use online tool will suggest which investments make sense and how much you should contribute to each investment option.

For more information, or if you need assistance, you can contact a John Hancock Participant Service Center representative at 1-833-38-UNION or 833-388-6466 between 8 a.m. and 10 p.m. Eastern Time.



IUOE Local 94, 94A, 94B
International Union of Operating Engineers
331-337 West 44th Street
New York, NY 10036

Local 94 2024 Calendar



5th hole at Split Rock Golf Course.

Wednesday October 2, 2024

*Initiation Ceremony
for New Members*

4:00 PM

Hotel Trades Council Auditorium,
305 W. 44th Street

*If new members have
any questions please
call 212-245-7040*

Monday October 7, 2024

*Local 94 Fall Golf Outing
Split Rock Golf Course*

Wednesday, October 9, 2024

General Membership Meeting

8:30am, 2:00pm, 5:00pm

Hotel Trades Council Auditorium,
305 W. 44th Street

Wednesday, November 13, 2024

General Membership Meeting

8:30am, 2:00pm, 5:00pm

Hotel Trades Council Auditorium,
305 W. 44th Street

Thursday, November 14, 2024

BY-Laws Revision Vote

6:00am-10:00pm

Local 94 Training Center



Wednesday, December 11, 2024

General Membership Meeting

8:30am, 2:00pm, 5:00pm

Toy Drive/Clothing Drive

Visit the Local 94 website at www.local94.com for updates