



The

CUTTING EDGE

Newsletter

Winter 2012

**It's always festive outside
7 World Trade Center**



President's Message

Kuba J. Brown

Sandy Knocked Us Down; Together We Will Stand Tall Again

Brothers and Sisters,

Once again we have been struck with tragedy. This time it was Mother Nature and not the acts of terrorists. Superstorm Sandy has turned our homes, our neighborhoods, our families and our lives upside down.

During the height of the storm and through the ongoing clean-up our members, many of whom who suffered tremendous personal loss, have worked tirelessly to restore the buildings we oversee. Your dedication, efforts and hard work has been remarkable.

Through your efforts thousands of men and women were able to return to their offices and workplaces and restore some normalcy to their lives. You have made everyone associated with Local 94 justifiably proud.

In the coming weeks we will publish a special edition of this newsletter dedicated to telling the stories how after Sandy knocked us down you picked this city back up one building at a time.

But there is still much more to be done.

We have members who have been hit, some have lost everything. Through FEMA and various other federal, state, city and union programs, those who are homeowners will have ample support in rebuilding. And, *we will provide any assistance they may need* in finding and receiving that help.

Of greater concern are our brothers and sisters who do not own their homes, but who are renters. Renters don't carry flood insurance; many may not carry insurance at all. So we will do what we can to help them.

I urge all of you whether you are in need of help or want to help assist in our effort to visit our website frequently for news and updates on our progress.

The People have Spoken.

While Sandy may have blown an ill wind through the northeast, voters re-elected President Obama and carried some fresh air and fresh ideas into the halls of Congress. Simply put the election

was a victory for families, unions and America's future.

This was an historic election because working people stood together against tyrannical plutocrats like the Koch brothers, Sheldon Adelson and Karl Rove. These men and their ilk poured more than \$1 billion into Super Pacs in their attempt to overwhelm the voice of the people.

Their money proved no match for the working men and women from Ohio, Virginia, Pennsylvania, Florida, Wisconsin and other parts of the country who stood on lines for as long as nine hours to cast their votes. These men and women sent a clear message:

We have members who have been hit, some have lost everything...

we will not be bought; we will not be intimidated; we will vote to preserve and protect the middle class.

This was a victory that should make every American proud.

Let's also hope this election has sent a message to those elected that it is time to put the country before political parties. It is time to put this country back

to work.

Finally, I want to take a moment to wish you all a Merry Christmas. Let's do our best to enjoy this holiday season.

We have gone through a difficult time, but our resilience and strength will never waiver and we will rebuild. And, we will rebuild bigger and better. ■

Merry Christmas and Happy New Year,

Kuba J. Brown

Business Manager/President

KJB/jd

Two Gotham Plaza



Tom Costello

Local 94 Team Rises to the Situation at OEM's Queens Nerve Center

Clad in blue glass and rising 21-stories into the sky, Two Gotham Center stands in stark contrast to the aging warehouses, shops and storefronts beneath the Queensborough Bridge and elevated tracks in Long Island City.

The building opened in April of 2011 as the centralized home to the New York City Department of Health. "The agency moved everyone and everything from their 15 offices from throughout the New York City," explained Building Manager and Chief Engineer Larry Spahn.

The DOH was not the only government tenant. Two Gotham Plaza is also one of the five Office of Emergency Management's Command Centers.

And when Superstorm Sandy hit, that space was the nerve center for the city's response.

"From the moment it appeared the storm was going to hit us the command center was, and remained up and running 24/7," said Spahn. "What once appeared to be a simple conference room had been transformed in a nerve center packed with people surrounded by video screens, maps, charts, computers and communication equipment. It was an amazing transformation. And, amazing to see first hand," said Spahn.

And, while OEM team was focused on rescue and recovery efforts in the Rockaway's, Breezy Point, and Howard Beach, Spahn and his Local 94 team of Paul Sciallis (assistant chief); Charles Gioa, Vincent Esposito (engineers) and (helper) Mike Doyle made sure the building remained operational.

"We never lost our power. But we did have a couple flickers," said Spahn. Even if their Con Edison power had been lost, Spahn's team had their two, dual-fuel back-up generators at the ready. "Those generators can keep the building going around the clock from the eighth floor to the lobby," said Spahn.

It's not that the team didn't have issues to deal with, Sandy's powerful winds causing the most damage. "Some of our exhaust fans looked like they were put through a blender; the damper on the second floor was damaged; and we had a broken window in the lobby," he said.

LEED Gold certified, Two Gotham Plaza is located on the corner of Queens Blvd., and 28th St.. The 670,000 square-foot, mixed-use tower is the first of what developers hope will be a new 3.5 million square-foot Gotham Center complex.

HVAC is provided through an all-air overhead VAV and fan powered system. Each tenant floor is equipped with a 90-ton package unit. The heating plant includes two dual-fuel 350 h.p. hot water boilers.

There are also three rooftop 50-ton air-cooled chillers dedicated to the buildings IT systems.

Other efficiencies include a 10,000 gallon tank which captures storm water which then used in cooling. Sunlight and motion sensor lighting; and the triple glazed glass on the Queens Blvd. side of the building keeps out the noise from the endless passing traffic and trains.

"This is a state-of-art model of efficiency, said Spahn. "The elevators even generate energy as they are going down."

All the energy saving technology in the world is of little use without a well-trained and highly skilled engineering team. And despite suffering great personal losses and damages to their own homes, the Local 94 team was there making sure those at the OEM command center were able to do their jobs in helping thousands of others from Long Island City to Breezy Point.

Two Gotham Plaza was designed by Moed de Arnas & Shannon and constructed by Tishman-Speyer. The building opened last October and it is currently owned and operated by the Canadian REIT H&R Properties. ■



(L to R) Charles Gioa, Building Manager/Chief Engineer Lawrence Spahn, Assistant Chief Engineer Paul Sciallis and Mike Doyle.



The view of Manhattan from the roof of Two Gotham Plaza



John Kramer

World Financial Center

Beneath the World Financial Center: A River Runs Through It

While tourists and passersby stare in amazement at the engineering marvel that is the World Trade Center construction site, they are completely unaware of an equally amazing and complex and ongoing engineering marvel just across the street.

There, some 60 feet beneath the sidewalks and resting on the bedrock beneath the Hudson River you'll find the World Financial Center Central Plant. The cavernous complex is a two-story maze of 10 1,500-ton chillers, 48 pumps, 13 250,000 gallon tanks, which is part of a three million gallon thermal storage system.

This system's purpose is to store chilled water at night and used to offset electric cost during peak operating hours during the day. In addition there are two 250,000 gallon tanks used to hold the water which flows from the Hudson River and used to cool condenser water for the 10 refrigeration machines that provide the cooling for the World Financial Center.

The "cooling tower" for the eight-million square-foot complex is actually two 250,000 gallon basins used to hold Hudson River water. These tanks are located one level below the street within the building and are three floors in height. "We're separated from the Hudson by four feet of concrete slurry wall,"



explained Chief Engineer Rich Magnani. Using that same never-ending flow of water from the river and original equipment installed more than quarter-century ago, Magnani and his Local 94 team of 32 engineers and helpers are operating at an unmatched level of efficiency. "These machines were installed 28 years ago and through constant upgrading and maintenance they are running as efficiently as ever," Magnani said proudly. "In fact, they are outperforming expectations."

By creating those efficiencies the Local 94 team was able to reduce electricity costs by nearly \$350,000 and steam costs by nearly \$93,000. Mike Cama who oversees all the maintenance operations cited an even more poignant example of efficiency. "The machines here require 38,000 pounds of refrigerant to operate properly.

"All last year we needed to replace less than 200 pounds of refrigerant," said Cama. "That shows you the level of maintenance we perform."

Their performance hasn't gone unnoticed by Brookfield Properties management. According to Technical Services Manager Nick Giannak, the company uses energy monitoring platform through MACH Energy Corp. which tracks the entire energy use history and compares like weather conditions and creates a profile for the complex.

"We receive regular energy alerts when there is a spike in comparable usage. I would say 90 to 95 percent of the time we see we have improved on those comparable numbers," said Giannak. "We do get alerts when the numbers are not as good. It happens but nine out of 10 times we see improvement."

Giannak said key to the crew's success is due to their level of experience and training. "This is not like working at any commercial building. I would say it takes a year or two of time and training just to grasp the complexity of the World Financial Center," said Giannak. ■



Above
Inside the WFC
Central Plant.

Kneeling (l to r) Joe Maddalena, Lou Rivera, Niko Kontonis, Carlos Mendendez; Middle row (l to r) Ed Horn, (Assistant Chief) Fred Anechino, (Chief) Rich Magnani, George Schultz; Back row (l to r) Joe Angelo, Tom Hyland, Adam Masella, (Assistant Chief) Mike Cama, Mike Siri, Phil Cimilluca, Alex Pineda.

Labor Day and Memorial Mass

Local 94 Marches, Celebrates Union Pride at Labor Day Parade

Undeterred by the rain some 100 members of Local 94, 94A and 94B, many accompanied by their families, proudly marched behind our banners and band in the September 8th Labor Day Parade.

Sporadic rain showers did force some to grab for umbrellas or run for shelter before lining up along West 44th Street. But the rain proved to be a non-issue once Local 94 Pipes & Drums Major Jack Redden struck up the band and led our contingent up Fifth Avenue.

While the weather had no effect on the marchers, it did make for a smaller viewing audience along the avenue. And, there was no shortage of elected officials on hand to show their support for labor.

All along route Local 94 president Kuba Brown and local officials were greeted and cheered by the likes of New York City Comptroller John Liu, and City Council members Robert Jackson and Letitia James.

In keeping with a custom as old as the parade itself, the Local 94 leadership stopped in front of St. Patrick's Cathedral where they were welcomed by New York Archbishop Cardinal Timothy Dolan.

In all, workers and families representing 300 New York City unions and labor groups marched in the 130 year-old celebration of labor unity.

The importance of the parade was expressed by Central Labor Council president Vincent Alvarez. "The Labor Day parade celebrates labor unity and it is also a reminder to all of us that we must build our future together. In our collective strength, we have the power to move the country in the best direction for all of us—not just for billionaires and giant corporations," said Alvarez.

That notion has long been expressed by Brown. "We know we work hard and we also know we work well," said Brown. "Our dedication to training, and our willingness to adapt to new technologies and techniques demonstrate we can work in partnership with management," said Brown.

"It has been this partnership that helped build this country, and today provide for 100% employment for our members. We are dedicated to working on behalf our members and all workers to maintain our role in that partnership. It is crucial in building our union and building a stronger America." ■



Business Manager and President Kuba Brown led more than 100 Local 94 members, many joined by their families, in the Labor Day Parade up Fifth Avenue.



Local 94 Remembers Our Fallen Heroes with Memorial Mass

Family, friends and our Local 94 brothers and sisters once again gathered at St. Malachy's R.C. Church for a memorial mass in honor of our September 11th heroes Vito DeLeo, John Griffin, Charles Magee and David Williams.

On the anniversary of those murderous attacks on the World

Trade Center we honor the memory and offer our prayers for our heroic fallen four and their families. "We have made a sacred promise and commitment to these men and their families. We will never forget their courage and sacrifice of our four

brothers," said Local 94 President Kuba Brown.

"Just as there will always be place set in their honor at all our Local 94 gatherings and events this Mass will always be an important part of our Local 94 calendar. We will not forget," said Brown.

Virtually unknown outside our Local 94 family the Memorial Mass at St. Malachy's is as important to our members and their families as any of the services held each September 11th in lower Manhattan, the Pentagon or the Flight 92 Memorial in Pennsylvania.

The Mass, celebrated by St. Malachy's pastor Father Richard Baker also provides an opportunity to remember all our deceased members.





Ray Macco



Jack Redden

Local 94 Members Give

Local 94 Members: Stepping-up,

The members of Local 94 are second to none in their commitment to sustainability. It is a commitment that goes well beyond our work in the engineering rooms and energy plants of the buildings where we work.

Our members carry that same commitment of sustainability toward our communities in helping lift those who need a hand. And, in just the past few months our members have provided help to school kids in the Bronx, low-income residents in Manhattan's lower east side, and the Boy Scouts on Staten Island.

As the new school year approached, Kelly Drummond suggested Local 94 replicate a Rockland county program and collect and donate school backpacks and supplies for children in the Bronx. With a major assist from Tom Hart "Operation Backpack" was launched with a goal of collecting 50 backpacks.

Through the generosity of our members more than 100 backpacks were collected and distributed to students throughout the Bronx through BronxWorks. (For more see page 9)

A team of Local 94 members were back in action less than a month later. This time the Local 94 volunteers found themselves working with the White Roof Project on the lower east side. Over the past two years White Roof Project has been responsible for coating some 90 New York City rooftops in white reflective paint instantly cutting heating and cooling costs and saving energy.

Assigned to paint a nonprofit, low-income residential building on

East 8th Street, the team of Local 94 volunteers not only did the job right -they finished their work in record time. "We're going to have to find a bigger building for Local 94 in the future," exclaimed White Roof Project executive director Heather James.

"It was amazing. We started at 9 in the morning and with 45 minutes for lunch, we allow until 3pm in the afternoon for the volunteers to complete the job. Local 94 had the roof painted by noon!" So having finished with the roof, the Local 94 team stayed on and finished a basement materials recycling project and helped trim vines that were creeping up to the roof drainage system.

"They were marvelous. The members of Local 94 helped extend the life of the roof and lower the building's energy costs for the next 10 years," said James.

As the White Roof Project notes on its website, painting roofs does more than simply improve the building's efficiencies. "Solar Reflective roofs (like white roofs) are known to reduce the energy a building uses for cooling, reducing the amount of energy and climate changing gases flung into the atmosphere."

Local 94 team (l to r) Ray Laracuente, Joe Ferrara, Surob Ali, Douglas Murillo and Billy Rivera



Pitching-in, Providing Helping Hands

In early October, Local 94 volunteers were back in action, this time helping out again at the Pouch Camp on Staten Island.

Last year Local 94 volunteers were responsible for planting

Halting Erosion at the Pouch Camp

94 trees. Their effort earned local accolades from both the Boy Scouts who run the camp and IUOE International. Buoyed by their success, the volunteers promised to return to the camp to provide additional help.

On a brisk Sunday morning the promise was kept when more than a dozen Local 94 members, some accompanied by their children, returned to lend a hand. This time the volunteers focused on stemming erosion issues at the camp. "There are some areas where erosion is a major problem. We spent most of our time moving large boulders to divert the water," explained Ray Macco.

But the Local 94 team didn't stop there. The group planted an additional 30 trees before calling it a day.

According to Gil Schweiger, Senior Ranger at the camp,

the Local 94 team used the boulders to create six "water breaks" to prevent roadway water wash from flowing into the lake. "This is the second time Local 94 has been out here and they have been awesome," exclaimed Schweiger.

We will welcome their help anytime they want to come out," said Schweiger.

And while it's clear the work wasn't always easy, everyone went home feeling a little better about themselves and their community and the environment was in a little better shape than when they arrived.

These are the efforts and accomplishments that have Local 94 Business Manager and President Kuba Brown bursting with pride: "Our members understand the importance of maintenance in the efficient operation of our buildings. We also believe we bring that same commitment to help build and sustain our communities," said Brown. ■





Howard Styles



Bob Fantine

Training Center

The Local 94 Chief Engineer Course Helped My Career

By Dave Hawkins

I've enjoyed my work from my first day as a helper through my promotion to Assistant Chief. But I'd always wanted more; I wanted to be the Chief Engineer or the Building Manager working in a suit and tie.

There were times I thought I'd never get there. Despite my position as Assistant Chief I'd been passed over twice when the Chief Engineer position opened and then filled by someone else.

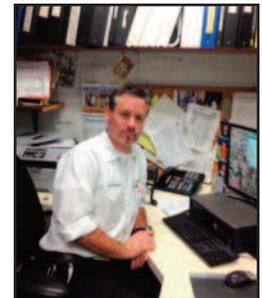
I realized I needed to take action if I was going to be considered Chief Engineer material the next time around. I also had to show management that I was the right candidate for the job and willing to go the next step to get the position. I enrolled in Local 94's Chief Engineers course.

It was clear the days of "I don't want the responsibility" were gone for good.

I was introduced to the everyday management of a commercial building: budgets, spreadsheets, staffing, tenant relations and contractor relations.

Our instructor not only had the technical knowledge, he was an

Dave Hawkins has been the Chief Engineer at 885 Third Avenue the "Lipstick Building" 885 Third Ave. since 2007. He is also an instructor at the Training Center.



experienced chief. He was also generous in sharing not only his resource materials but his everyday experiences.

He provided insights which helped explain the diverse subject matters that come up in a Chief's daily business.

Beyond that, students were encouraged to participate in groups to discuss their own experiences so others in the class might benefit. And, to this day, I still utilize the technical material and information provided to me by the course as an easy reference.

The Local 94 Training Center is currently offering that Chief Engineer class as well as Assistant Chief and Engineer classes.

Those classes were life changers for me and I highly encourage all those who want to further their career and make a difference in our industry to enroll. I promise you won't regret it. ■

Training Center Unveils New Equipment

We are pleased and proud to announce the purchase of new equipment to improve the hands-on training for our members. The Training Fund has recently invested in three new state-of-the-art trainers - a Building Management Trainer, a Refrigeration Trainer and a Variable Frequency Trainer.

The new Hamden Building Management Trainer will enhance all of our Buildings Management, Controls and DDC courses. The Hamden Refrigeration Trainer will be utilized in all refrigeration courses. The third, smaller addition is an ITU Variable Frequency Drive Trainer to be used in our electrical classes.

It has been nearly 10 years since new equipment has been added to our programs, and after a great deal

of research it was decided to target these pieces. They will both fit the needs of the Training Center and put our members ahead of the technology curve.

Purchased at a cost of \$45,000 the new trainers will be supplemented with the addition of six new Training Meters recently donated to the Center by Fluke.

All the new equipment will be ready for our next series of classes. Classes will begin in February. You can enroll anytime after December 15.

All of our members are encouraged take advantage of our programs. You can find a full list of courses and descriptions here:

<http://www.local94.com/affiliated-funds/training-fund/course-descriptions.aspx>. ■



Backpack/Diabetes



Kelly Drummond



Mike Gadaleta

“Operation Back pack” Scores Big for Bronx Students

Some two dozen students from the after-school enrichment program at the BronxWorks Community Center on the Grand Concourse were the first to receive brand new school backpacks thanks to a local union of operating engineers. Called “Operation Backpack,” members of IUOE Local

94 Business Agents Kelly Drummond and Tom Hart who were surrounded by backpacks stacked high on tables and ready for distribution.

Justin Bieber, Batman and New York Yankee-themed bags were the first to go. But there were still plenty of Hello Kitty, Angry Birds, Star Wars and other chic choices available. In fact, more than 80 other backpacks remained for distribution through BronxWorks programs throughout the borough.



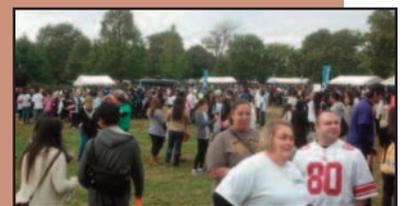
Local 94's Tom Hart and Kelly Drummond flank BronxWorks students waiting to select their Backpacks. Moments later the happy students proudly show off their new Backpacks.

94, 94A collected more than 100 backpacks, all filled with school supplies and prepared for students throughout the Bronx. It was like Christmas in September as the students were greeted

between BronxWorks and organized labor.” “Operation Backpack” is just one of several community projects supported by the members of Local 94. ■

Walking to Fight Diabetes

Before joining hundreds of others in the October 14th "Walk for a Cure" in Flushing Meadows Corona Park, Mike Gadaleta found the time to photograph some of his fellow walkers. The three-mile walk in and around the iconic monuments from the 1964 Worlds Fair helped raise tens of thousands of dollars. "It was a great day to be out with my family and our brothers and sisters," said Gadaleta.



Summer Picnic

Fun & Games with Families & Friends

Sharing a good time, enjoying good company and maybe even a little competition are the goals for the Local 94 Family Picnic and our two Golf Outings. But the ultimate mission of those events is to help grow and expand the Local 94 Scholarship Fund.





Fall Golf Outing

Support Local 94 Scholarship Fund

In July hundreds of our members, their families and extended families gathered at the Platzl Brauhaus Picnic Grounds in Pomona, NY, for the Summer Picnic. In October more than 100 golfers participated in the Fall Golf Outing at Pelham/Split Rock in the Bronx. Playing a "Scramble" format the team of Steve Haleyko, Pete McMahon, Ralph Scelfo, and Mark Boyland, bested the field. Steve Pontone blasted the Longest Drive. It is because of your participation in these events and the support and generosity of those in our brother and sister unions; and the managers and

tenants in the buildings we serve, we have been able to once again present ten more scholarships to the sons and daughters of our members. Here's a heartfelt thank you for all who make these events a success and provide us with good times, laughter and wonderful memories that last a lifetime. We would also like to extend our congratulations to the 2012 scholarship winners: Angelique Agapito, Brian Caulfield, Cerris Chung, Daniel DeMarco, Sean Feeley, Sheila Haggerty, Brendan Hollywood, Ava Koch, Steven Leo, and Lauren Noce. Each of the winners will receive a

\$2,000.00 scholarship in each of their four years in college. Once again all of the winners and their families will be honored at the annual Scholarship Dinner Dance, Friday, January 11, 2013 at Russo's by the Bay. Since the Local 94 Scholarship Program began in 1996 with the awarding of two scholarships, it has gone on to provide nearly than \$1.1 million in scholarships to 143 sons and daughters of Local 94 members! Thank you again, for your generosity and support. We look forward to seeing you at the Dinner/Dance. ■



Members Provide Hospitality, Warm Welcome for Wounded Warriors

In what has become a Fourth of July tradition, several Local 94 members proudly joined with their neighbors in Rockaway in hosting our Wounded Warriors for a weekend of water sports and fun along the world famous beach.

According to Rockaway resident Local 94 executive board member Bob Zimmer the July event began some eight years ago when the Rockaway Graybeards began their relationship with the Wounded Warrior Project. “The Graybeards wanted to give these heroes the parade they never had,” said Zimmer.

What has evolved is an annual weekend at the beach with residents all along the peninsula opening their summer bungalows and homes to the veterans for a friendly beachfront weekend packed with adaptive water sports. “It was a way to get these guys out of the hospitals and give them a chance to do more than stare at the clock,” said Zimmer.

Always scheduled in the weekend after the Fourth of July, Zimmer said the residents feed off the patriotic spirit of the holiday. “Our slogan is ‘don’t just put up a flag, put up a soldier,’” said Zimmer.

This year some 100 Wounded Warriors took advantage of the invitation. Among them was Air



(l to r seated) Tom Costello, Vincent Pacely, Steve Halayko. (2d row) James Quinn, Brian Beehler, Bob Zimmer.

Force veteran, and double amputee Vincent Pacely, who was hosted by the Zimmer’s. Through the course of the weekend several Local 94 members made their way to Zimmer’s to offer a hand or simply thank the former fighter jet crew chief for his service.

“This is more than just what we do at our bungalow,” said Zimmer. “This effort has gotten a lot of help and support from people like Tom Costello, the executive board and other Local 94 members. The help

and support has been wonderful,” he said.

In late October another group of warriors, joined by first-responders and countless volunteers returned to Rockaway to help in the rescue and recovery efforts from the havoc wreaked by Superstorm Sandy.

Zimmer was among those who found himself in need of assistance as the storm and the surge flooded his home. “Bobby Zimmer

was a driving force in the Wounded Warrior event. He always been there for our members,” said Costello.

“Now, like many others of our brothers and sisters he needs our help. I urge all of our members who can, to do as much as they can, to help in the recovery.” ■



IUOE LOCAL 94 UPCOMING MEETING AND EVENT SCHEDULE

General Membership Meetings

Times: 8:30 a.m., 2 p.m., and 5 p.m.

Meetings are held at the Hotel Trades Council Auditorium, 305 West 44th Street (between 8th & 9th Avenues closer to 8th Avenue)

Wednesday, December 12, 2012 (Coat and Toy Drive)

Wednesday, January 9, 2013 (Nominations for IUOE General Convention)

Wednesday, February 13, 2013 (Election of Delegates and Alternates for IUOE General Convention)

Wednesday, March 13, 2013

Wednesday, April 10, 2013

Wednesday, May 8, 2013 (Nominations for IUOE Local 94 Officers)

Wednesday, June 12, 2013 (Service Award Ceremony)

Closed for July/August (in August – Election if needed)

Wednesday, September 11, 2013

Wednesday, October 9, 2013

Wednesday, November 13, 2013

Wednesday, December 11, 2013

New Member Meeting

New Member Meetings are held at the

Hotel Trades Council Auditorium, 305 West 44th Street

Wednesday, February 6, 2013 – starts promptly at 4PM

Wednesday, June 5, 2013 – starts promptly at 4PM

Wednesday, October 2, 2013 – starts promptly at 4PM

Local 94 Coat & Toy Drive

Members are invited to drop off “gently worn” coats and “unwrapped” new toys at the Union Hall or may be brought to the December 12 General Membership Meeting

Breakfast will be served at the 8:30 meeting; lunch will be served at the 2 p.m. meeting; and dinner will be served at the 5 p.m. meeting.

Local 94 Scholarship Fund Dinner/Dance

Friday, January 11, 2013, Russo’s on the Bay