

WDF *Inc.*

THE NEW STANDARD OF CONSTRUCTION



ADVANCING WDF'S
INFRASTRUCTURE AGENDA

WDF AT THE FREEDOM TOWER

MADAGASCAR BRONX STYLE

WE'RE IN EVERY MARKET

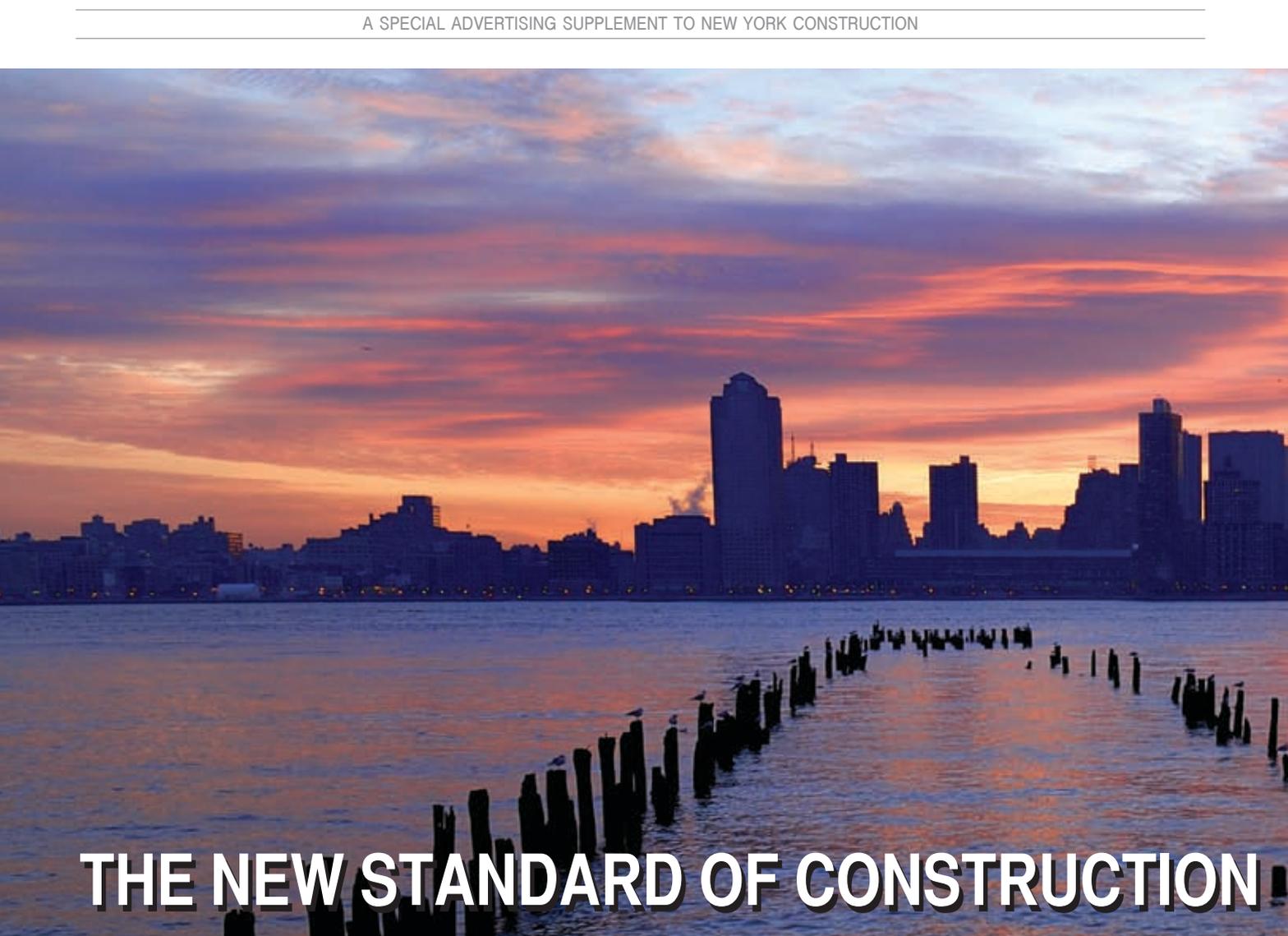
BIRD

DANGER

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This page: One Hanson Place
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Photos by M. Macioce



THE NEW STANDARD OF CONSTRUCTION

*A company who selects **The New Standard of Construction** as its brand signature must be ready to back-up such a bold statement.*

We have adopted this mantra because we believe it is time for our industry to change its image and the way it internally operates in a significant way. Contractors have been looked upon as untrustworthy, unsafe and inefficient. We need to change these perceptions.

WDF Inc. is a leader in reversing these negative images. To accomplish this, we have taken on these issues and implemented changes that are making a difference, both within our company as well as within our industry:

Integrity: We were one of the first contractors to voluntarily hire our own integrity monitor. We did this to give the agencies, authorities and construction managers the comfort level to be confident that we are taking all reasonable steps to have an honest and ethically run firm.

Safety: In this regard, my partner and WDF Inc. President, Joe LoCurto, has brought his 40 years of experience in construction safety to WDF Inc. Not only does WDF Inc. hire independent Safety Consultants, but we have three full-time safety engineers. We continually advance strict adherence to the highest safety standards. We conduct internal as well as external meetings with our employees which stress the importance of safety. Our men are instructed to wear safety vests and hard hats at all times when on a construction site. These bold efforts have led us to attain a safety MOD of .74, one of the lowest in the industry.

Internal Record Keeping: Most contractors are lax in their cost controls and in monitoring their labor productivity. Many contractors have lost money because they discover the problem too late.

To control costs and productivity, WDF Inc. has created and installed the latest, state-of-the-art information technology systems. We are able to track, on a real-time basis, all costs and productivity on each of our projects. We also use all of our productivity coefficients gathered from previous projects for estimating new projects on which we are bidding.

INNOVATE



Philanthropy: Charitable giving and “giving back” are areas WDF considers vital to be a company that is not focused solely on profits. CEO, Lawrence Roman and President, Joseph LoCurto were recently honored by Hofstra University for their philanthropy in providing scholarships to students in need. Also, each year WDF Inc. conducts a company-wide “Toys for Tots” program at Christmas.

The Boy Scouts, Rita Hayworth Alzheimer’s Ball, Walking for Breast Cancer Research and Diabetes Research are just a few of the many charity events WDF supports.

These are just some of the new ideas WDF Inc. is implementing to improve the image of our industry. We encourage others in the industry to follow our path. The days of “back door deals”, “pay offs,” unsafe working conditions and poor record keeping should be left behind us.

WDF is setting ‘The New Standard of Construction’ for an industry that is vital to our country’s growth and progress. We are proud of our achievements, and invite you to learn more about us in the pages that follow. ■



“Our core values — quality, safety, integrity and trust – are the foundation of who we are and how we do business.”

Lawrence Roman
Chief Executive Officer

SAFETY INTEGRITY EXCELLENCE TRUST

Founded in 1929, WDF Inc. is one of the nation's leading plumbing, HVAC contracting and specialty general contracting companies.

In 2007, the firm joined with Five Star Electric Corporation and Nagelbush Mechanical, Inc., a South Florida-based firm, to form GreenStar Services Corporation, a diversified full-service specialty construction company. GreenStar Services Corporation is a national leader in heavy mechanical, plumbing, HVAC, electrical construction and general specialty contracting specializing in infrastructure and complex commercial installations.

WDF has worked with the nation's leading owners, general contractors, architects and engineers on many significant construction projects including high-rise construction, waste water treatment plants, educational facilities, transportation systems and infrastructure projects. The firm's projects serve the private and public sector markets. WDF aims to expand its reach in terms of geographic expansion and continued growth in new market segments.

WDF continues to build its team of dedicated professionals skilled in undertaking complex projects including mass transit, infrastructure, power generation, life-safety systems and nuclear power. The firm is committed to continue its diversified services building complex projects of distinction, with fiscal responsibility, high quality and strict attention to safety. ■



MEET

"Our capabilities position WDF to select the right work to match our construction expertise as well as to advance into growth markets."

Joseph LoCurto
President & COO



Message from the President & COO

Since joining WDF in 2007, my role as President and COO, has been to bring a recognized construction firm into the next generation of operations – building *The New Standard of Construction*.

WDF has been one of the leading plumbing, HVAC and heavy mechanical general contractors over the years. Now we have positioned our company for the necessary new work in infrastructure that lies ahead. This work will entail heavy mechanical civil projects, transit, roadways, bridges, tunnel work and continue to include WDF core competency projects in water and sewage treatment plants.

WDF's business model is designed to serve diverse markets in both the public and private sectors with an unparalleled ability to complete large, complex heavy mechanical work. There are few companies with WDF's ability to address the needs of complex infrastructure projects.

A New Chapter Begins

In 2007 WDF Inc., Five Star Electric Corporation, New York's largest electrical contractor, and Nagelbush Mechanical, a leading South Florida plumbing and mechanical contractor, entered into a mutual working agreement as GreenStar Corporation. Today, WDF Inc. and Five Star Electric Corporation form the largest specialty contractor in the New York region. This allows us to bring added value to our clients based on our ability to self-perform multiple trades as well as to offer our strong bonding and financial capability along with project coordination services that help minimize change orders and lost time.

WDF is active in the private and public sectors with an impressive portfolio of office buildings, fountains, condominiums, public schools, station rehabilitation, fan plants, water pollution plants, bus maintenance facilities, railroad repair shops, colleges, court houses, water filtration plants, reservoirs, pumping stations, museums, hospitals, zoos and parks, and substations that continue to advance diversification.

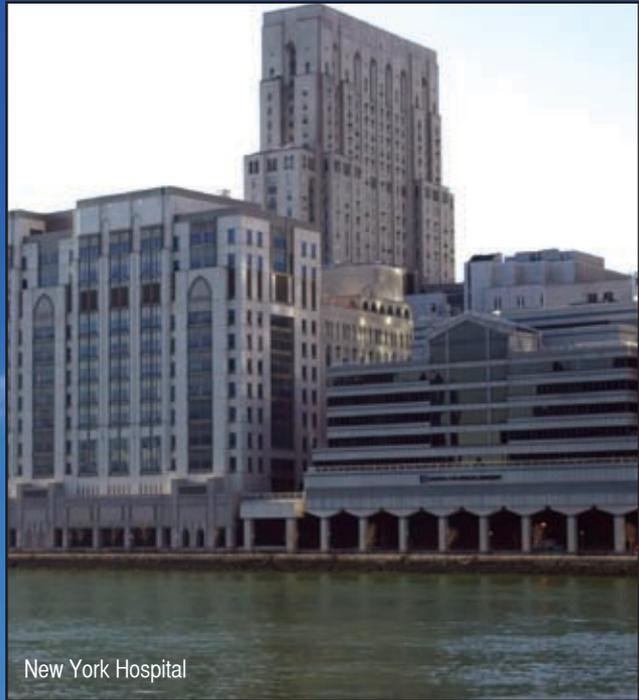
WDF is one of the foremost specialty contractors in New York. The firm works for many of the leading owners and construction managers. These include: Goldman Sachs, Dermot Development, Ratner Companies, Jack and Pearl Resnick Campus at Albert Einstein College of Medicine at Yeshiva University, Silverstein Properties, Tishman Construction Corporation, Bovis Lend Lease LMB Inc., Turner Construction Company, Dormitory Authority of the State of New York (DASNY), Department of Environmental Protection (DEP), the School Construction Authority (SCA), New York City Transit Authority (NYCTA), and the New York City Parks Department.

From the Time Warner Center to the Columbus Circle Fountain, the Croton Water Treatment Facility and the Madagascar Exhibit at the Bronx Zoo, WDF has brought added value to some of the region's most important landmarks, facilities, corporations and institutions. New work at the Freedom Tower again affirms WDF's market position as one of the leading specialty contractors of its type and our commitment to building *The New Standard of Construction*. ■

WDF'S STRENGTH WE'RE IN EVERY



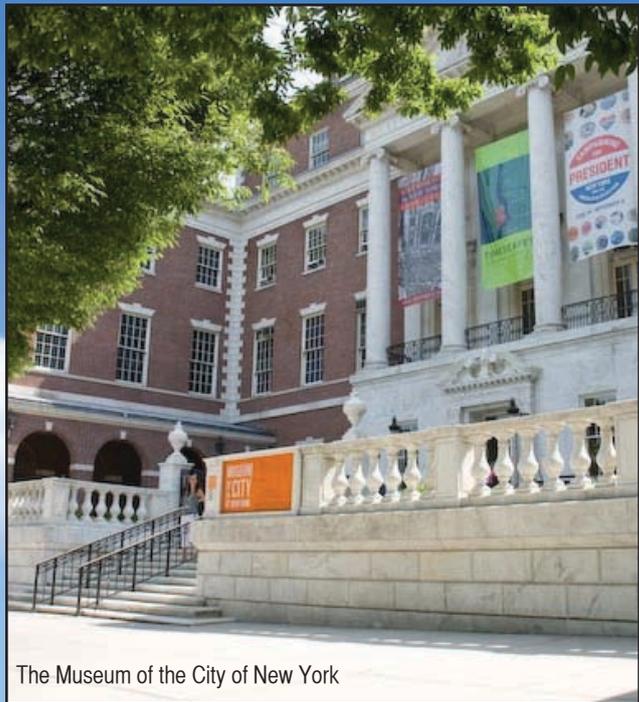
Fifteen Cental Park West



New York Hospital



New York Family Court



The Museum of the City of New York

DIVERSIFIED

MARKET



Time Warner Center &
Columbus Circle Fountain



New York Botanical Gardens

Diversified market penetration is part of WDF, Inc.'s success formula.

According to Lawrence Roman, "At WDF, we have a unique business model that positions us ahead of our competitors as a result of our full-service capabilities, financial strength and ability to complete heavy construction assignments. Select projects capture the strength of WDF's capabilities."

Time Warner

The Time Warner Center was the first major building to be completed in Manhattan after the September 11, 2001 terrorist attacks. WDF was selected as the plumbing contractor to retrofit this iconic tower. This large specialty plumbing project outfitted the 55-story, mixed-use retail, hotel, office space building for AOL Time Warner, Inc. and other Time Warner entities including CNN TV.

Building For Learning

With more than 150 projects in its portfolio, WDF has extensive experience in construction and rehabilitation of New York City school buildings.

"WDF has completed extensive work with the New York City School Construction Authority (SCA)," says WDF Senior Vice President Massimo Viti. "The need for new and modern schools, as well as the need to make environmental improvement to school buildings will increase."

Logistics at Court

Sometimes projects are more difficult than others, but not much more complicates a project than the task of working in an occupied building. That is the task at The Family Court in lower Manhattan being completed for the Dormitory Authority of the State of New York.

The project involves a gut and reconstruction, new concrete work, plumbing and painting, all in an active court house.

"It shows the kind of project, one with a high-degree of difficulty, which WDF is capable of completing," Viti says. "Working in an active court house can be complex from a coordination standpoint, but we've been able to coordinate the process with DASNY without too much difficulty."

Columbus Circle Fountain

Columbus Circle Fountain is a major landmark and point of attraction in New York City. Completed in 1905, it was renovated a century later. Located at the busy intersection of Broadway, Central Park West, Central Park South (59th Street), and Eighth Avenue, WDF completed approximately 3,500 feet of piping located beneath the fountain with supply and return lines entering into the underground pump room which houses a three-pump re-circulating system, a filter and chemical feed system and duplex sewer ejector pumps. ■



WDF is undertaking Clearwater reservoir plumbing work and mechanical installations at the Croton Water Treatment Facility. The work consists of installing piping for water coming down from reservoirs. Croton, a huge ultra-violet filtration plant, is a large facility where the New York City water supply will be treated with ultra violet technology.

The Owl's Head Water Treatment Facility work by WDF consists of general plant upgrades in two projects. The first project includes an interim residual container handling system, a new conveyer handling system, a primary sludge system, a new scum transfer pump system and the new odor control system. The second project consists of the complete microfine cement grouting program, conduit rehabilitation, electrical modifications to existing switchgear and repairs to existing gates in the screening chamber building.

ADVANCING WDF'S INFR THE NEW STANDARD OF

From the Croton Water Filtration Plant in the Bronx to Brooklyn's Newtown Creek, the largest of the fourteen wastewater treatment plants in New York City, WDF, Inc. is advancing its infrastructure agenda and at the same time building for the future capacity of New York.

"Much of the country's infrastructure is reaching the end of its intended life span," says WDF Senior Vice President Massimo Viti. "To that end we are positioning ourselves to gain market share in infrastructure repair and construction."

Currently WDF is fulfilling heavy mechanical installations at Newtown Creek, performing a complete upgrade of the existing plant at Jamaica Bay Water Pollution Control Plant and performing general upgrades at Owl's Head Wastewater Treatment Facility.

WDF is also performing mechanical and plumbing installations at the Croton Water Filtration Plant where the Department of Environmental Protection (DEP) will be treating the New York City Water supply with ultraviolet technology.

According to Viti, wastewater treatment facilities, along with transit systems and power generation are infrastructure sectors poised for growth and ones that involve specialized activities.

"WDF does a tremendous amount of work in the area of environmental protection, including both heavy mechanical and civil construction," Viti says. This currently includes the construction of several buildings, site utility work, excavations and mechanical equipment removal and installation.

The Power of WDF

There are few areas of specialty as complex as nuclear power and WDF is preparing for a new age of nuclear power in the United States. As the price of oil increases and Americans look to alternative forms of energy, the focus on nuclear power is increasing.

"It's a hot topic right now," Viti says, noting the numerous mentions in the presidential campaign. "Nuclear is a tremendous growth field." Having completed mechanical installations in power plants including working on the Con-Edison East River Power Project, WDF is looking to develop its nuclear ability in order to capture market share.

NEW INITIATIVES



Newtown Creek Water Treatment Facility—WDF is undertaking heavy mechanical installations at the Newtown Creek water treatment facility. The more than \$49 million project includes an upgrade to the existing systems to automated systems. The project involves a new centrifuge building, digester gas service building and grid collection building. Newtown Creek is the oldest and last sewage treatment plant in the city to undergo a major renovation. The project began in 2001 and is expected to be completed in mid-2009.

Jamaica Bay Wastewater Treatment Facility- A large job occurring in multiple phases, WDF is undertaking a major upgrade of the Jamaica Bay Wastewater Treatment Facility. The project is expected to approach \$200,000 million over a five year period. The project involves three new buildings, the renovation of an existing building, thousands of feet of pipe, hundreds of valves, new pumps, stainless steel troughs, aeration process blowers, a new boiler, gas flares, tanks and more.

ASTRUCTURE AGENDA

CONSTRUCTION

Advancing With New Delivery Methods, Markets and Technology

In order to advance the company's infrastructure agenda, WDF Inc. is looking at public-private partnerships, innovation and geographic expansion.

WDF expects that bidding as a public-private partnership will be a preferred delivery method in the future. Viti says that many states are changing laws to facilitate this delivery method and it is a tremendously successful method overseas, including in the United Kingdom.

With its own internal engineering department, in terms of technology, WDF is looking at Building Information Modeling (BIM) while currently using 3D CAD. Viti says BIM is the future, but one that requires a complete buy-in among the parties. In a typical situation an owner has to buy into BIM and then WDF would input into the system.

Finally in the geographic realm, Viti says the company has no smaller goal of reach than the world. WDF is expanding and looking at other markets in the United States and internationally.

"We are actively exploring," he says. "We aren't working on international assignments yet, but we are working with bidding teams outside the U.S. in order to diversify." ■

INFRASTRUCTURE AT A GLANCE

The American Society of Civil Engineers (ASCE) estimates that \$1.6 trillion is needed over a five-year period to bring the nation's infrastructure to a good condition. The group says establishing a long-term development and maintenance plan must become a national priority.

NEW YORK: Due to aging water pipes, some over 100 years old, New York City estimates over 1 billion gallons of water are lost each month.

PENNSYLVANIA: According to PennDOT, one-third of all bridges in Western Pennsylvania are structurally deficient.

VERMONT: As demand grows in New England, the capacity needed to supply generation on the peak demand days is becoming increasingly scarce.

FLORIDA: More than half of Florida's urban Interstates are considered congested because they carry traffic levels that result in significant delays during peak travel hours.

MICHIGAN: Michigan needs a new \$1 billion to \$2 billion power plant by 2015 to help produce the electricity the state will demand.

Source: ASCE

By its very name, The Freedom Tower represents one of the most significant construction projects to be built in the United States. The 82 story, 1,776 feet tall skyscraper, the height chosen to celebrate the birth of America, is expected to be completed by fourth quarter, 2013.

The skyscraper is being built according to a revised design released in June 2005. Rising from a square base constructed from impermeable concrete and steel, the redesigned tower tapers into eight, tall isosceles triangles that form an octagon at its center. The building will include 2.6 million square feet of office space, tenant amenity spaces, restaurants, below-grade retail and access to a central transportation hub.

WDF Inc has been selected by Tishman Construction and STV, Inc. on behalf of the Port Authority of New York and New Jersey to serve as the plumbing subcontractor on Tower One, 'The Freedom Tower,' and HVAC Contractor for Tower Four at the World Trade Center site.

According to Robert Goldin, Senior Vice President of WDF's Plumbing Division, the scope of WDF's work for Tower One includes more than 25 miles of pipe supplying restrooms, storm drains, storage tanks and anticipated amenities including future kitchens.

Freedom and Its Challenges

If you visit the World Trade Center site in the coming months, you will see the changes as the steel begins to rise. Yet WDF doesn't expect to be able to have its workers on site until 2010. That hasn't stopped work, however. Rather, it has initiated creative solutions to complete the project.

While the plumbing is being erected, WDF plans to pre-fabricate as much of the rough wall plumbing as is feasibly possible, including water-risers, sanitary and storm stacks and core toilet rooms including carriers, waste and vent frames and water supplies.

"This will happen at our Mount Vernon shop and be supplied to the jobsite as needed," says Robert Goldin, Senior Vice President of the Plumbing Division at WDF. "If everything goes as planned, once mobilized on site, the installation should go smoothly. We'll set the prefabricated roughing in place, connect it, and wait for the next phase."

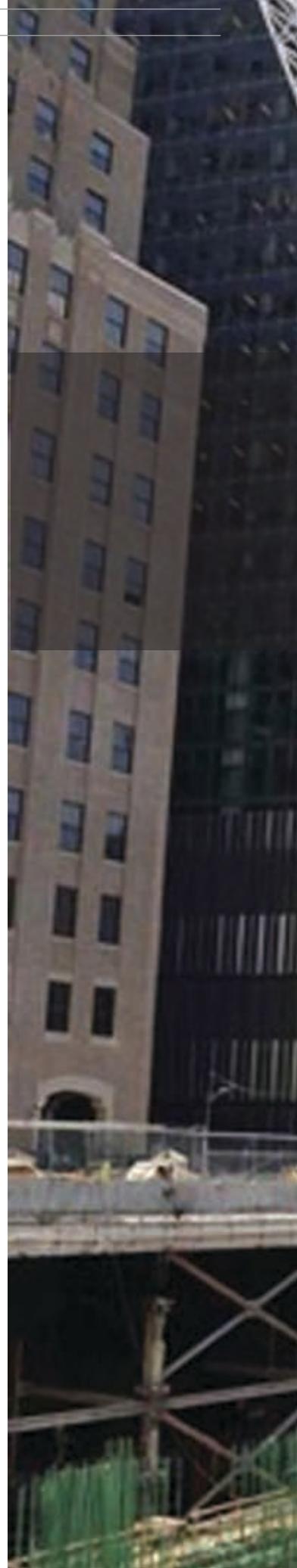
Goldin explains that the plumbing for the 1,776 feet tower will be assembled in sections that can be controlled by the plumbers and fit entirely in the construction elevators. Considering the lost time factor in high-rise construction, we envision a substantial time savings in our approach.

Goldin says WDF has researched and obtained CAD software for its draftsmen to support the prefabrication plan. The program will clearly define the scope of material and labor needed for each portion of the work. Besides helping with any confusion on constructability, it will cut down on material waste and handling.

Goldin further explains that with the 3D models, the draftsman can take a virtual tour through an area and determine the best routing for the pipe and avoid potential conflicts.

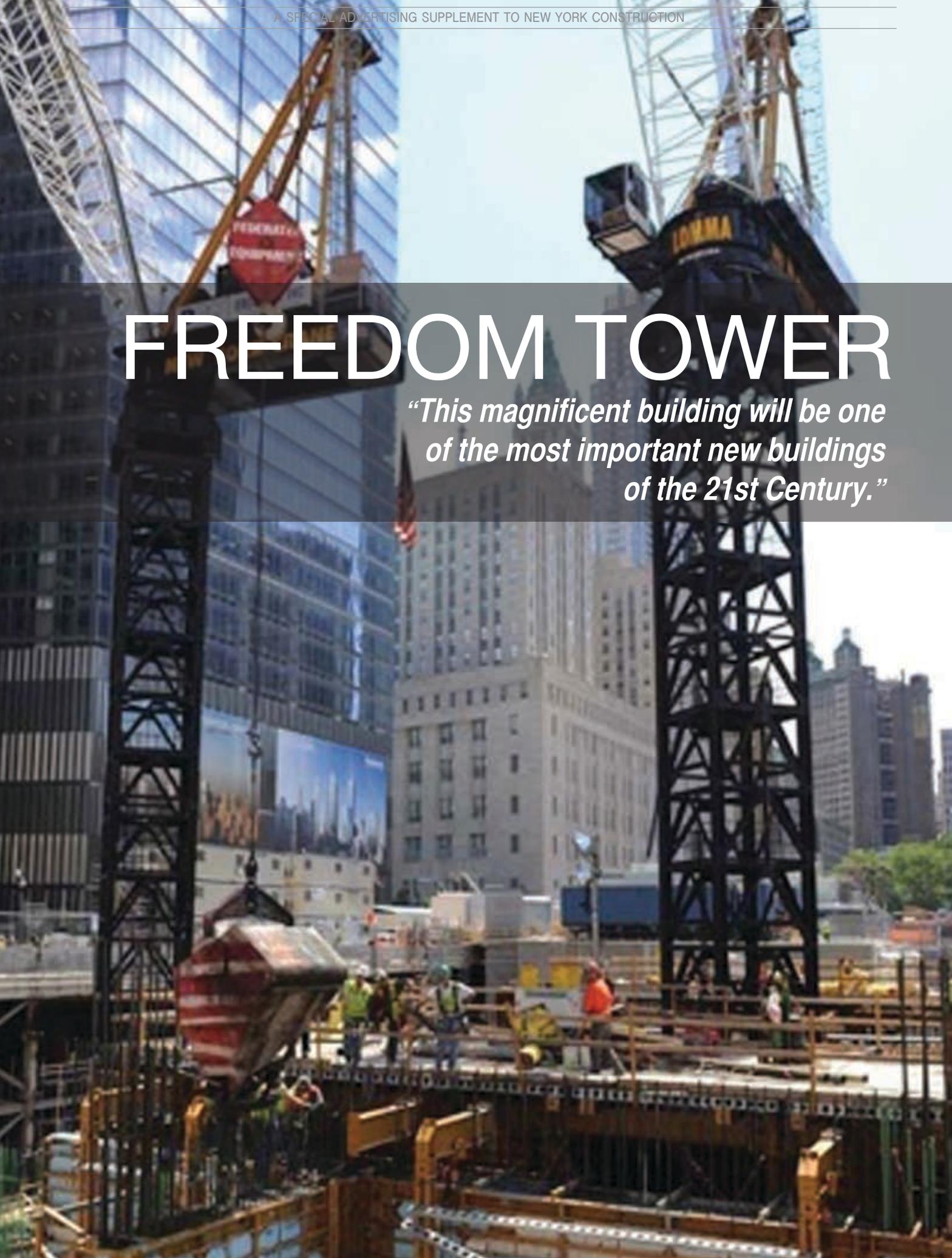
Excellence in Plumbing

WDF's Plumbing Division is widely recognized for its skills and ability and was rated number one in New York according to New York Construction magazine. The recognition is one Goldin has also found on the job. "I feel very proud of our work force and especially when I walk onto the job and see the end product. I know that when I walk off the job the owner is pleased also. It's a good feeling," he says. ■



FREEDOM TOWER

"This magnificent building will be one of the most important new buildings of the 21st Century."



YOU NEVER SEE OUR WORK YOU EXPERIENCE IT

WDF Takes HVAC Installation to a New Standard

When you enter a well-ventilated, climate controlled room, you don't see the costly equipment or duct work required to achieve a comfortable environment. That's the work of WDF's HVAC Division whose technical and construction expertise ensures that the installation of comfort systems such as heating and air conditioning systems – regardless of the environment or the construction challenges – operate and respond seamlessly to external or internal environmental and climate changes.

According to Neil Walsh, Senior Vice President of WDF's HVAC Division, "The challenge of installing heating, air conditioning and ventilation systems requires precision construction and coordination. Different environments – laboratories, museums, computer rooms, offices, schools – demand different temperature, filtration and noise levels to sustain comfortable, odorless and noise free environments."

"The industry has changed," said Walsh, who has more than 33 years of HVAC experience. "HVAC installations are not just simple pipe and duct jobs. Today, the systems are more complex than ever. The HVAC contractor needs to be a specialist in air, hydronic, large machinery and computerized building management systems. Today these complex electronic systems, both onsite and from remote locations, drive an important part of the installation."

An Integrated Professional Team

WDF's HVAC Division is an integrated team with a core of over 100 professionals from a variety of disciplines, including engineers, estimators, procurement specialists, project executives and managers, field inspectors, superintendents and safety managers.

"We use 3D CAD technology for our work. While the industry is exploring Building Information Modeling (BIM) systems and trying to figure out how to get everyone on the same page, WDF has taken the lead in 3D modeling with existing technology. This approach gives us the advantages of BIM as we wait for the industry to catch up," he explained.

A Diversified Approach that Makes the Difference

WDF's HVAC team has completed hundreds of installations throughout New York. The Museum of New York, Albert Einstein College of Medicine, the Office of the Chief Medical Examiner, and One Hanson Place in Brooklyn exemplify the diversified projects that Walsh's team has completed.

"For each type of facility, different installation requirements exist," said Walsh. "WDF's strengths are its global understanding and application of HVAC technology to achieve the environmental goals for each distinctive facility use."

Building a New Standard

Today, WDF's capacity to complete complex MEP-driven HVAC installations is even greater with its new relationship with GreenStar Services Corporation. "Since we are a company that self performs HVAC, Plumbing and Electrical, we are able to offer our clients a pre-coordinated MEP package. This unique ability puts us in a perfect position to meet a client's complex HVAC needs with a coordinated, cost-effective construction approach that brings added value to the client," maintained Walsh. ■



Scheduled for 2010 completion, the **East River Science Park (ESRP)** (left) is the City's latest addition for ensuring New York's position as a bioscience leader. ESRP will be a state-of-the-art research and development campus for companies seeking to establish a presence in the City as well as to provide space for New York-based bioscience businesses ready to expand their current R&D efforts. The site will include over 1.1 million square feet of office and laboratory space.

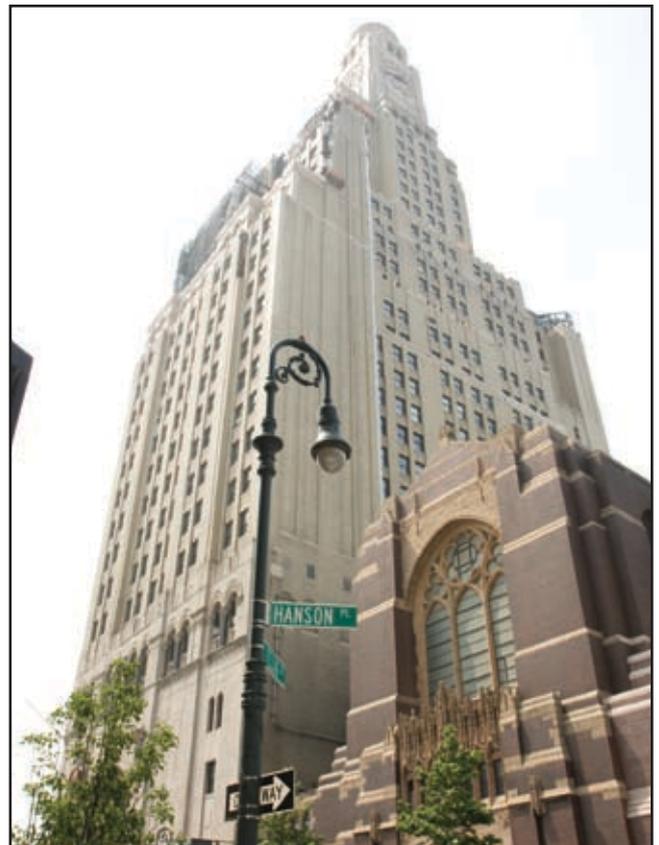
WDF's HVAC and Plumbing Divisions have projects at the new site. WDF is completing core and shell plumbing and HVAC for the project. This will include connecting all main utilities in the two sixteen-story buildings, Towers East and West. The project also includes installation of all hot/chilled water systems for heating and air conditioning.

"We have tremendous capability," Walsh explained. "We bid and build HVAC projects in the \$10,000,000 to \$150,000,000 range. Our nearly unlimited diversity, coupled with our broad resource pool, allows us to build projects of any size and complexity."

The HVAC division has been recently awarded the World Trade Center, Tower 4 project. "To be involved with the rebuilding of Ground Zero is something I am very proud of," Walsh stated. "I was personally involved with the World Trade Center/911 post disaster clean up efforts and I take personal pride in being able to contribute to the rebuilding of the site after such tremendous loss."



WDF has a contract for a major HVAC installation at **John Jay College** (above), part of the City University of New York. The 2-3 year project includes both HVAC piping and equipment and fire protection piping and equipment. WDF will provide the air conditioning with three 1250 ton chillers (total capacity of chilled water plant 3750 tons of cooling). The heating system includes steam-to-hot-water heat exchangers.



The scope of work at **One Hanson Place** (above) includes installation of a complete HVAC system, both heating and cooling, with BMS control. The building is Landmarked, built in 1920. The building was completely gutted up to exterior walls and new heating and cooling systems were installed from the sub-cellar, up 36 stories to the dome.

MADAGASCAR BRONX STYLE



In large buildings, heating, ventilation and air-conditioning systems become pretty complicated. Even in the largest buildings that complexity pales when compared to designing a system that replicates an environment for animals.

In a recent project at the Bronx Zoo, the challenge for WDF, Inc. was to apply HVAC systems to recreate the broad range of environments found on the island of Madagascar.

Built in 1918 as a lion house and more recently designated as a landmark building, WDF renovated the 50,000 foot building in three years.

“Only now and then do you come across a project as exotic and complex as this,” says WDF Senior Project Manager Charles Connor. “I hadn’t been to the Bronx Zoo

since the 7th grade, but recently I’ve been there every day.”

The island of Madagascar is the one of the largest in the world and home to five percent of the world’s plant and animal species. With the variety of environments ranging from desert to rainforest, it’s easy to imagine what could be involved in producing similar conditions in the Bronx.

Creating Diverse Environments

From crocodiles to sea lions, each of the animals requires different environments. Adjoining the Madagascar building is the

sea lion pool exhibit with a life safety system for 100,000 gallons of water with a pool and filtration system with ozonators. Connor says the exhibit is a totally green facility and one that allows for the recirculation of the water in the pool that only requires water replacement for evaporation.

Sources of Heat

With a diversification of mechanical systems providing five different sources of heat in the habitat, WDF had the task of recreating the conditions of the environmentally diverse island. Those sources include geothermal heat, co-gen heat, fuel cell heat, steam and

hot water. These are in addition to the chilled water systems.

“The animals each require different environments,” Connor says. “Monkeys, large crocodiles and other animals have their own requirements—the animals don’t know they’re not in Madagascar. When you’re there, you may also forget you’re in an exhibit.”

Providing geothermal heat, which uses the constant temperature of the earth, presented an additional challenge. The Bronx sits on bedrock. WDF completed the task of drilling the geothermal wells through the bedrock to 1500 feet below, where the temperature is constant.

Hiding the Mechanics

WDF Inc. worked with general contractor M.A. Angelides, construction manager Hill International Inc. and architects Fox and Fowle to complete the facility. The company worked in concert with the exhibition contractors in order to achieve the complete visual absence of the mechanical systems.

“Two trees are actually HVAC ductwork,” Connor explains. “You would never know they are putting the air into the space.” Connor says coordinating the efforts among the variety of professionals is a task with levels of complexity that exceed most projects.

“Crafting the different heat sources with all the exhibit designers, the wildlife conservatory experts and their designers not only to get the mechanical systems to work, but to work in such a state where they won’t be seen is quite a challenge,” Connor says. “They are designed so they won’t take away from the exhibit at all—they’re hidden in rocks and caves and trees.”

“It’s impressive when you look at all the equipment that’s required to run it, more equipment than in the average hospital.”

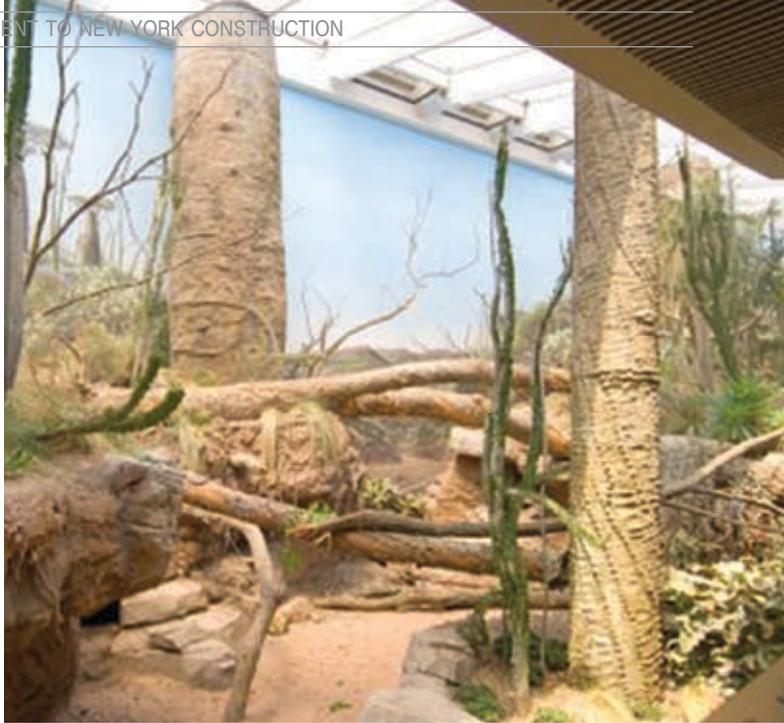
Commissioning

The commissioning process for the facility is ongoing, and involves tweaking mechanical systems sometimes based on the actions of animals.

“The other day I got a call that the lemurs wouldn’t go up in the trees,” Connor says. “It was too warm in the trees – we had to make adjustments.”

Connor says the process will go on for a year because the process has to be completed by seasons, with all of the systems adjusted to react to the change in conditions outside.

“This is one of the most complex building management systems I have ever seen in a commercial-industrial or other facility,” Connor says. “We’re constantly adjusting all the systems until we get them to perform to the needs and requirements of the animals.” ■



The HVAC systems are expertly camouflaged in the Madagascar exhibit.



Above: View of the equipment room for the Madagascar exhibit.
Below: The “green” 100,000 gallon sea lion pool recycles water.




 A photograph of a yellow 'Subway' sign against a background of skyscrapers in New York City. The sign is in the foreground, slightly out of focus, and the buildings are in the background, creating a sense of depth and urban environment.

MOVING NEW YORK

When engaging a company to work on underground transit systems, it's likely that some work on sewer and water systems is involved. In New York, home to the world's largest subway system, the tasks are often more involved. WDF has assembled an expert team, headed by Ed Seaman, Senior Vice President of Transit and Utilities, to tackle some of the City's toughest jobs.

"WDF now has the ability to do underground relocation work," Seaman says. "We're busy bidding on projects, and we aim to build our work up to about \$100 million a year."

Seaman explains that the transit work was a perfect fit for the company because the work required expertise in plumbing. "A good percentage of the transit authority is underground and to get down to the work on the subway you have to get the utilities out of the way and then you have to put the utilities back," Seaman says. "Sometimes we have to support the utilities."

Experience Required

From workers to supervisors, Seaman says underground transit and utility work requires specific expertise. "We've brought in the right workers and field supervisors," Seaman says. "Working out in the street and relocating underground utilities is a specialty. A regular laborer just can't jump into that right away."

Seaman explains the complexities of building a new subway station. He says that in order to drill a new tunnel, they have to move utilities and at the same time achieve minimal interruption of service to apartment buildings and offices nearby.

"We had to temporarily reroute utilities or hang them and then we have to put back a brand new permanent system," Seaman says.

"You have a lot of headaches because if someone gets up in the morning and turns on the water and it's not there. You hear it."

Life Safety in Infrastructure

The systems that make up the regions transit keep the city moving, but the unseen mechanics keep the subways safe. WDF, Inc. also works in the area of life safety including fan plants and ventilation plants.

"In the event of a fire, these systems can force air or remove air from a tunnel," WDF Senior Vice President Massimo Viti says. "Those systems are comprised of mechanical fans, dampers, electric systems, and Supervisory Control and Data Acquisition (SCADA) systems that allow monitoring from a central location."

Viti says WDF has a workforce with an impressive resume in this type of work and the company is in a position to grow in the market segment.

Building Up and Down

A current utility relocation project is ongoing at the Dyckman Street Substation. WDF is installing new traction manholes for the subway system.

Seaman explains the substation is on 10th Avenue and a duct bank runs all the way underground for four blocks—which powers the train system. Seaman, who has spent his professional career working on transit and utilities, takes pride in helping to keep the city's trains running.

It's also a new avenue for WDF. "WDF has always built up," Seaman says. "We build down." ■



SAFETY FIRST PLAYING IT SAFE AT WDF

Safety is a first priority at WDF where it's an unending goal to reduce injuries and save lives.

With a comprehensive safety program that includes training, “toolbox meetings,” frequent job hazard analysis, fall protection plans, emergency action plans and hearing and back safety measures, the company recognizes that a strong safety program is good for both its employees and the company.

“When you ask someone where they work, they might name a union or WDF, but what they really mean is that they are working for their family,” says Amy Roman, Corporate Environmental Health and Safety Director at WDF. “In order to support their family, they need to go home and be well at the end of the day.”

WDF has three full-time safety personnel, a corporate safety committee, a frequent review of programs and policies and a program to encourage feedback.

Roman says that safety initiatives vary by job site because the conditions in different company division sites vary. “A plumbing site is very different from an HVAC site,” Roman says.

There are some safety efforts that are consistent across projects, however. One company-wide effort is to review a safety topic each week. These events called “toolbox meetings,” highlight a

safety topic and review procedures in order to update staff on new procedures and policies.

In addition, a WDF job begins each day with a safety review and track planning to reinforce simple procedures from ladder safety to fire extinguisher operation.

“The personal safety and health of each employee is of primary importance,” Roman says. “Our employees are our most important asset and their safety at the work site is our greatest responsibility. Preventing occupationally induced injuries and illnesses is given precedence over operating productivity whenever necessary.”

Cooperation between employees and management, in observance of all policies and procedures, ensures safe working conditions resulting in accident-free performance. WDF’s Corporate Safety Committee draws participation from all levels of the company including its Chief Operating Officer, the Corporate Director of Environmental Health and Safety, Vice Presidents and Superintendents. ■

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