Columbia’s long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Project Scope
The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and The Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity
The Forum
Occupants have moved in. Punch list, commissioning, and training continue. The M4 bus stops on Broadway side and Bx15 bus stops on 125th Street Side have been reinstated.

Columbia Business School
The Columbia Business School’s two new facilities, The Ronald O. Perelman Center for Business Innovation and the Henry R. Kravis Building, are currently under construction. Steel erection is currently underway for both buildings and concrete floor pours are in progress. In addition, concrete on metal deck installation is ongoing. Curtain wall supports and anchors are in progress. Underground plumbing, concrete slab on grade, and vapor barrier installation is ongoing at the sub-level 3 level.

W. 132nd Street Demolition
The former Tuck-it-Away facility and adjacent former apartment complex on the corner of W. 132nd Street and Broadway are scheduled for demolition in fall of 2019.

Central Energy Plant Expansion
The Central Energy Plant, housed below the Jerome L. Greene Science Center and Lenfest Center for the Arts, is being expanded to provide supplemental heating and cooling to the Columbia Business School buildings and future sites. Completed activities include the rigging of the steam turbine chiller and boiler. The rigging hole between the Jerome L. Greene Science Center and Lenfest Center for the Arts has been closed. Ongoing activities include piping and ductwork installation, and assembly of the boiler, chiller, and cooling tower.

Project News
Columbia’s Manhattanville Campus Wins Sustainable Construction Award

Columbia University’s Manhattanville campus was recognized for the sustainable techniques used during the construction of the Jerome L. Greene Science Center, Lenfest Center for the Arts, and Central Energy Plant. (Photo: Nic Lehoux)

Columbia University’s Manhattanville campus was honored with the 2019 Sustainable Construction Award at the New York Build Expo that took place on March 12 at the Javits Center. The award was received by Lendlease, the construction management firm on the project, in recognition of the sustainable construction techniques employed when building the Jerome L. Greene Science Center, Lenfest Center for the Arts and Central Energy Plant.

Lendlease worked in partnership with Columbia, a sustainability consultant, and the design team to earn the New York City Construction Award for Sustainable Construction Award at the New York Build Expo, using an innovative, multi-faceted approach. The sustainable construction techniques utilized during these projects include:

- Developing a model clean construction program for the Manhattanville campus, which includes the prioritization of electric equipment over diesel equipment; the use of the latest diesel emission control technology for on road and off road equipment when diesel is required; a wheel washing system for trucks that uses a high volume of recycled water, and other efforts addressing air quality, noise and vibration reduction and pest management.

(Continued on page 3)
What to Expect

Although contractors carefully stage construction activities to minimize disruption to the surrounding community, the nature of construction work is such that some disruptions will occur. The community should expect the following in the coming months:

- Regular work hours are 7:00 a.m. - 6:00 p.m., Monday through Friday
  - Weekend work may be performed.
- Closure of certain traffic lanes, parking lanes, sidewalks and crosswalks, including:
  - No standing on West 125th Street between Broadway and West 129th Street.
  - There is a no parking zone in effect on the west side of Broadway from West 125th to 129th Streets.
  - Broadway sidewalk is open from West 129th to West 130th Street. The Broadway parking lane is a no parking zone.
  - West 131st Street between Broadway and 12th Ave is closed and will remain closed until the fourth quarter of 2019.
  - West 130th Street between Broadway and 12th Ave is a no standing or parking zone.

Community Amenities and Benefits

To access the Columbia University’s Community Services Website, please visit: manhattanville.columbia.edu then click “Community” in the navigation menu.

Minority, Women, and Local Businesses and Workforce

Columbia has made a significant commitment to the minority, women, and local (MWL) construction contracting and workforce community throughout the course of the project: MWL construction trade contracting goal of 35 percent and MWL construction trade workforce goal of 40 percent. Working with construction contractors and the building trades, Columbia is working to enhance the role MWL firms and workers play in building the new campus. All figures represent non-specialty construction services and related materials.

Construction Contracting

In the fourth quarter 2018 (October 1—December 31), Columbia paid $12,345,611 to MWL firms, representing 36 percent of total construction spend. $5,596,312 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through December 31, 2018, Columbia paid $291,068,329 to MWL firms, representing 42 percent of total construction spend, excluding the amount paid to the construction manager. $146,484,416 of that figure was paid to local companies.

Construction Workforce

In the fourth quarter 2018 (October 1—December 31), the MWL construction workforce delivered 26,688 hours worked, representing 43 percent of the total workforce hours for the construction of the new Manhattanville campus. 1,720 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through December 31, 2018, the MWL construction workforce delivered 1,653,661 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 271,181 hours of that figure were performed by the local workforce.

Jobs and Opportunities

As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

We are working with our construction partners Lendlease (for Phase 2 foundations/below-grade) and Turner Construction (for the Business School) to assist those interested in employment with construction firms currently working at Columbia. For more information, please visit the Manhattanville Employment Opportunities page at manhattanville.columbia.edu/jobs-opportunities.

Additional Information

This newsletter and our weekly construction updates (which contain more specific information about construction impacts) will be available on the web at manhattanville.columbia.edu and at various locations at the project site and throughout the Manhattanville area.

Please note that construction activities are subject to change based on field conditions. We appreciate the patience and cooperation of everyone who is temporarily inconvenienced by these projects.

Should you have questions about construction activity, call the Columbia Facilities Services Center at (212) 854-2222, 24 hours a day, 7 days a week, or e-mail projx@columbia.edu. For more project information, to view upcoming bid opportunities, and to sign-up for our e-mail updates visit manhattanville.columbia.edu.

Neighboring construction projects not related to Columbia

- New York City Department of Transportation’s Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.

May 2019 Update

Page 2 of 4
Columbia’s Manhattanville Campus Wins Sustainable Construction Award — continued from page 1

- Maximizing select products from local and regional manufacturers within 500 miles of the project site and using recycled building materials reduced waste and minimized the University’s carbon footprint when constructing the buildings.
- Approximately 60 tons of scrap drywall were recycled into new gypsum products, which contributed to the projects’ total landfill diversion rate of more than 90 percent.
- Products used in construction selected in part based on their low-VOC (volatile organic compound) content.
- Extensive indoor air quality testing and flush-outs of the new HVAC system were performed.

Third-party companies, on behalf of the city and state, continually monitor Columbia’s adherence to its comprehensive clean construction program.

The clean construction program was a major contributor toward Columbia receiving LEED® Gold certification for the Jerome L. Greene Science Center and Lenfest Center for the Arts, as well as for The Forum where Skanska served as construction manager. LEED, which stands for Leadership in Energy and Environmental Design, is the foremost green building certification program measuring how sustainable a building is in areas including energy, water efficiency, material selection and indoor air quality.

The Manhattanville campus’s environmentally sustainable design and overall project plan also achieved Stage 1 LEED Platinum certification under the USGBC’s Neighborhood Development pilot rating system—the highest designation in the rating system. It is the first such award in New York City and the first given to a campus plan anywhere in the U.S.

Community News

Columbia University Facilities and Operations is Offering Summer High School Internship Program — Apply Now

Participants in the 2018 Columbia University Local Community High School Summer Internship Program. Students living in Northern Manhattan and the South Bronx can apply to this summer’s program, which provides participants with practical work experience across Columbia University Facilities and Operations.

This summer Columbia University Facilities and Operations is offering a number of paid internships for high school students living in the local community (Northern Manhattan and South Bronx) looking to gain real work experience before graduation. Previous work experience is a plus, but is not required.

Various interactive activities will be available during the internship to promote learning and increase exposure to various aspects of facilities, design and construction management programs. If you have an interest in urban planning, architecture, engineering, communications, construction, finance or are looking for a rewarding work experience, we want to hear from you!

The paid internships begin on July 8, 2019 and end on August 16, 2019. Applicants must be at least 16 years old at the time of the start of the internship.

Interested students who meet the requirements should apply by May 31, 2019 at: cufo.columbia.edu/intern2019

Columbia Hosts Career Expo, Providing Local Job Seekers with New, Diverse Opportunities

By Columbia University Irving Medical Center

On Tuesday, April 2, Columbia University held a Career Expo at The Forum for residents in West Harlem and surrounding communities.

The event was free and open to the public, and gave job seekers an opportunity to meet with University hiring representatives and recruiters from private companies in the fields of staffing, security, construction, and more.

In addition, the expo offered training and workshops on topics including job preparedness, resume development, and improving interview skills and LinkedIn profiles. Attendees could also receive free head shots and learn how to use the Columbia University employment site to apply for jobs.

“This annual event continues to grow, with additional organizations and employers getting involved, which opens the door to a larger number of jobs and career opportunities for the local community,” said Barbara Catalano, senior director at Columbia University Employment Information Center.

The Columbia Employment Information Center provides useful employment services and training programs for obtaining meaningful work at Columbia University or elsewhere in the community at its location at 3180 Broadway. The Center is open Monday through Friday, 9:00 a.m. to 5:00 p.m. to answer questions and provide information related to construction activity and employment opportunities. Walk-ins are welcome, or an appointment can be scheduled by contacting communityjobs@columbia.edu or 212-851-1551.

(Over)
Construction Progress Images

Columbia Business School site, looking northeast

Lenfest Center for the Arts (left) and the Jerome L. Greene Science Center, with the Small Square in the foreground

The Forum, looking north  (Photo credit: Frank Oudeman/ Columbia University)

Aerial view looking northeast

Sustainable Partnerships

May 2019 Update
Page 4 of 4