

**Manhattanville in West Harlem Implementation Plan Report  
October 16, 2017 Submission**

**Declaration Reference and Key Data**

Obligation Section Number: **5.07(c)(xxv)(F)**

Obligation Title: **Community Alert System**

Obligation Page Number: **59**

Obligation Trigger: **Acquisition by ESD or CU of all Initial Stage 1 Condemnation Parcel(s)**

Obligation Start Date: **March 12, 2012**

Obligation End Date: **March 12, 2037 (25 Years from Commencement of the Center's Full Operation)**

Obligation Status: **In Compliance**

**Obligation: Innovation/Changed Conditions**

In accordance with the Declaration of Covenant and Restrictions Section 5.08, Obligation 5.07 (c) (xxv)(F) is modified to clarify the obligation. In general, the scope of services to be provided has not been changed.

**Original Language:**

The Center shall include information about construction schedules, safety and mitigation for the Project. Columbia shall also provide a community alert system to notify subscribers about construction issues and a 24-hour hotline to provide callers with timely and regularly updated information about construction activity and employment opportunities related to the Project, and include the GPP Monitor on any related e-mail list serve.

**Modified Language:**

*Community Alert System.* Columbia shall provide a community alert system to notify subscribers about construction issues and a 24-hour hotline to provide callers with timely and regularly updated information about construction activity and employment opportunities related to the Project, and include the GPP Monitor on any related e-mail list serve. The annual report will identify the department within Columbia that administers the alert system.

**Evidence of Compliance**

1. Link to subscribe to notifications about construction issues and copies of construction schedules, safety and mitigation notices
2. Construction hotline phone number (212-854-2222)
3. Annual report

Columbia University's Implementation Plan and all supporting documentation are made available on the Community Services Webpage at <http://manhattanville.columbia.edu/community/benefits-and-amenities>.

**Manhattanville in West Harlem Implementation Plan Report**  
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**EOC Checklist for Obligation 5.07(c)(xxv)(F):**

Please check to verify EOC items submitted for review.

- 1. Link to subscribe to notifications about construction issues and copies of construction scheduled, safety and mitigation notices
- 2. Construction hotline telephone number (212-854-2222)
- 3. Annual report

**Monitor's Notes / Comments:**

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**Status:**

Please check to indicate the status of Obligation 5.07(c)(xxv)(F):

- In Compliance
- In Progress
- Not In Compliance
- Not Triggered

## Community Alert System

**Link to subscribe to notifications about construction issues and copies of construction schedules, safety and mitigation notices:**

<http://manhattanville.columbia.edu/construction-updates>

# Construction Updates

Weeks of 10/2/17 and 10/9/17



### What is Happening

#### Jerome L. Greene Science Center

- Guard booth installation along W.130th Street

#### Lenfest Center for the Arts

- Currently no ongoing exterior work

#### University Forum

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing storefront frames at street-level space and...

### What to Expect

#### Construction Activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m.  
Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.

- Material deliveries to site is ongoing

#### Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is...

[FULL UPDATE >](#)

Past Updates 2017 2016 2015 2014 2013



Deidre Chong, 5 years at Columbia Facilities



**CALL  
4-2222**

## Now There Is One Number for All of Your Facilities Needs

**CALL  
4-2222**

Call the new Facilities Services Center at x4-2222, the new phone number for facilities services and information, campus-wide.

Call 4-2222 to:

- Report maintenance and housekeeping problems
- Request special Facilities services
- Follow up on the status or billing of an existing request
- Ask about Facilities programs, and how to obtain planning, design, engineering, or construction services



Mark Cabaroy, 18 years at Columbia Facilities



**CALL  
4-2222**

## Construction Questions?



Call the Columbia University Facilities  
Services Center at 212-854-2222  
24 hours a day, 7 days a week



E-mail [projx@columbia.edu](mailto:projx@columbia.edu)

[www.neighbors.columbia.edu](http://www.neighbors.columbia.edu)

## Construction Job Referrals

As a service to those interested in employment with construction firms currently working at Columbia, the University has developed a referral process to provide its construction partners with information on potential employees.



Complete the referral application online  
at <http://facil.columbia.edu/cref>



Visit the Columbia University Employment  
Center at 3180 Broadway (just south of  
West 125th Street)

## Construction Contracting Opportunities

For more information on construction contracting  
opportunities, contact Columbia University Facilities at:



[projx@columbia.edu](mailto:projx@columbia.edu)



<http://facilities.columbia.edu>

## **Annual Report: Community Alert System**

The Strategic Communications and Construction Business Initiatives department of Columbia University Facilities and Operations issues weekly construction updates and monthly newsletters via e-mail to anyone who has subscribed to receive them. These updates and newsletters are also posted online at:

<http://manhattanville.columbia.edu/construction-updates>

### **Additional Supporting Documentation**

- Copies of Monthly Newsletters covering period October 2016 - September 2017
- Copies of Weekly Construction Updates covering period October 17, 2016 - October 9, 2017
- Distribution lists for Monthly Newsletters and Weekly Construction Updates



# Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

**C**olumbia'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 12<sup>th</sup> 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 University 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

### Jerome L. Greene Science Center

Curtain wall ground floor vestibule installations are complete. Sidewalks being poured along Broadway, W. 129th and W. 130th streets, opening to pedestrian traffic. The installation of the IT, security, fire alarm and audio visual systems are in progress. Loading dock installations are nearing completion. Furniture systems are underway. Temporary certificate of occupancy has been granted by the New York City Department of Buildings.

### Lenfest Center for the Arts

Interior walls, duct work, and plumbing in progress throughout the building. The installation of IT, security, audio/visual and fire alarm are in progress. Shade installation and flooring are underway throughout the building. Film screening room seats and flooring are underway. Exterior balcony installation is in progress.

### University Forum

Foundation waterproofing and backfilling is ongoing. General site cleanup.

### Central Energy Plant (CEP)

Inspection of fire alarm devices has been substantially completed. Testing of the fire alarm system with the fire department is complete. Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Mechanical system testing is ongoing. Temporary Certificate of Occupancy has been granted by the New York City Department of Buildings.

### Small Square

The first phase of Manhattanville's open space project, which lies

north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is underway. Upcoming work will include installation of street trees, completion of the Woodland Walk and planting of Woodland Walk trees.

### Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Department of Buildings and FDNY tank inspections passed. Engine startup and commissioning is complete. Automatic transfer switch commissioning at the Central Energy Plant/Jerome L. Greene Science Center is underway. Operations training is underway.

### Did You Know?

**Harlem Tech Week is a conference and expo providing support for underserved startups and entrepreneurs to excel in tech.** Taking place November 1 through 6 with various events at locations throughout Harlem, Harlem Tech Week creates a platform where tech leaders and entrepreneurs can find solutions to problems stemming from a lack of diversity in technology. Vincent Ponzo, senior director at the Columbia Business School's Eugene Lang Entrepreneurship Center, will be participating in a panel. To learn more and register, visit [harlemtechweek.org](http://harlemtechweek.org).



Columbia Manhattanville campus dedication event—see page 3 for details  
(Photo credit: Eileen Barroso)

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## 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 7:00am - 6:00pm 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 129th to 130th Streets.
  - The construction fence is on the curb line and the existing Broadway sidewalk has been closed from West 129th to West 130th Street. The Broadway parking lane is being used as a temporary pedestrian walkway, and barriers have been installed to separate pedestrians from traffic lanes.
  - West 131st Street between Broadway and 12th Ave is anticipated to close, pending permit approval, and will remain closed until fall 2018.

## Community Amenities and Benefits

To access the Columbia University's [Community Services Website](#), please visit: [manhattanville.columbia.edu](http://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 second quarter 2016 (April 1 to June 30), Columbia paid \$7,288,731 to MWL firms, representing 16 percent of total construction spend. \$2,462,088 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through June 30, 2016, Columbia paid \$132,659,624 to MWL firms, representing 34 percent of total construction spend, excluding the amount paid to the construction manager. \$43,917,858 of that figure was paid to local companies.

#### *Construction Workforce*

In the second quarter 2016 (April 1 to June 30), the MWL construction workforce delivered 92,746 hours worked, representing 47 percent of the total workforce hours for the construction of the new Manhattanville campus. 12,505 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through June 30, 2016, the MWL

construction workforce delivered 1,191,851 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 224,818 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 Skanska USA/the Velez Organization (for the University Forum) and McKissack (for the Jerome L. Greene Science Center and Lenfest Center for the Arts) 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/employment-opportunities-manhattanville](http://manhattanville.columbia.edu/employment-opportunities-manhattanville).

## 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](http://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](mailto: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](http://manhattanville.columbia.edu).

### Neighboring construction projects not related to Columbia

- New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or [west125@zetlin.com](mailto:west125@zetlin.com).
- New York City Transit's Portal Repairs on the Broadway-7 Avenue Line please [click here](#) or visit [MTA.info](http://MTA.info) and search "Portal Repairs on the Broadway-7 Avenue Line"
- 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](mailto:riversideviaduct@gmail.com)

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# Project News

## Columbia University Dedicates Its 17-Acre Manhattanville Campus, Establishing Its Academic and Civic Aspirations for a Century to Come



Columbia President Lee C. Bollinger was joined by distinguished faculty, University deans, and students in welcoming civic and community leaders during the dedication event for Columbia University's new Manhattanville campus (Photo credit: Eileen Barroso)

Marking the achievement of the first major step in Columbia University's most transformational building project since it moved to its historic Morningside Heights campus in 1897, leaders of the University dedicated the new Manhattanville campus, now taking shape along Broadway immediately above West 125th Street. At a ceremony on October 24 that echoed the dedication program for the Morningside Heights campus more than a century ago, Columbia President Lee C. Bollinger was joined by distinguished faculty, University deans, and students in welcoming civic and community leaders and internationally renowned architect Renzo Piano of Renzo Piano Building Workshop, which designed the campus master plan with Skidmore, Owings & Merrill. Piano also designed the first buildings to rise on campus (with Davis Brody Bond as executive architect): the Jerome L. Greene Science Center, housing the Mortimer B. Zuckerman Mind Brain Behavior Institute, and the Lenfest Center for the Arts. Move-in will now begin, with full operation of the buildings and opening ceremonies planned for spring 2017.

Establishing Columbia's building footprint for the 21st century, the Manhattanville campus will be realized over the course of the next several decades, with 6.8 million square feet of new academic space. Academic facilities will be University-wide in impact, the amply landscaped grounds will be woven into the existing street grid with no walls or gates, and all buildings will be open to the public and programmed for community use at street level.

"When we committed ourselves to the Manhattanville campus in West Harlem, we knew it would be essential for Columbia to use this opportunity to build exceptional spaces for our mission of teaching, research and creativity that make a difference in the world, and to do so in a way that benefits our city and community," said Columbia President Lee C. Bollinger. "We are creating a different kind of academic space than in the past, designed for the cross-disciplinary interaction that is crucial to new knowledge, within an open, accessible urban campus that encourages the University and community to engage with and strengthen one another."

Receiving recognition and thanks were the major donors to the 450,000-square-foot Jerome L. Greene Science Center, the pioneering neuroscience research institute for which the building is designed, and the 60,000-square-foot Lenfest Center for the Arts. They are Christina McInerney, president and CEO of the Jerome L. Greene Foundation and daughter of the late Dawn M. Greene; philanthropists Mortimer B. Zuckerman and H.F. "Gerry" Lenfest, Founder of the Lenfest Foundation.

Renzo Piano said, "The Morningside Heights campus designed by McKim, Mead, and White was conceived as a small acropolis, intended to enclose and protect. It envisioned Columbia in relationship to the metropolis, but also apart from it. The story we have to tell today is different. It addresses what it means to make a contemporary campus in the middle of the city. With the first buildings—the Jerome L. Greene Science Center, housing the Zuckerman Institute, and the Lenfest Center for the Arts—along with the University Forum and the plaza called the Small Square, you already see the essence of a campus. You have science, you have art, and you have community. Then, to make this a truly contemporary campus, the University and community merge. Traffic and people will move through seamlessly, without barriers. It is a campus built around the idea of shared values and of cultivating diverse approaches to life."

To create what Renzo Piano calls an Urban Layer, all new buildings will be transparent at street level and open to the public, with many accommodating retail and restaurant tenants to engage the community and enliven the campus.

The first open space to be completed on the new campus, the Small Square, is an informal, 10,000-square-foot outdoor plaza. Designed to engage the public and University community with seating areas and free Wi-Fi, the Small Square is suitable for passive use and a variety of performances and events.

The largest building ever constructed by Columbia University, the Jerome L. Greene Science Center provides 450,000 square feet of space for the neuroscience researchers of the Zuckerman Institute: 110,000 square feet below grade and 340,000 square feet above ground on nine floors, including two outdoor terraces.

The 60,000-square-foot Lenfest Center for the Arts is designed as the first presentation platform for Columbia's distinguished School of the Arts and as a much more publicly accessible home for The Miriam and Ira D. Wallach Art Gallery.



The ARC Gospel Choir of Harlem, performing during the dedication event for Columbia University's new Manhattanville campus (Photo credit: Eileen Barroso)

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# Construction Progress Images



Jerome L. Greene Science Center looking northwest  
(© Columbia University/Frank Oudeman)



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right) looking northeast  
(© Columbia University/Frank Oudeman)



The University Forum site looking west



Aerial view looking northeast

## Sustainable Partnerships





# Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

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## Project Scope

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## Current Construction Activity

### Jerome L. Greene Science Center

Sidewalks being poured along W.130th street. The first of the Synapse media displays is being installed in the urban layer lobby. The installation of the IT, security, fire alarm and audio visual systems are in progress. Loading dock installations are nearing completion. Furniture systems are underway. Temporary certificate of occupancy has been granted by the New York City Department of Buildings.

### Lenfest Center for the Arts

Interior walls, duct work, and plumbing in progress throughout the building. The installation of IT, security, audio/visual and fire alarm are in progress. Shade installation and flooring are underway throughout the building. Exterior balcony installation is in progress.

### University Forum

Foundation waterproofing and backfilling is complete. General site cleanup. Underground plumbing layout is ongoing. As-built surveys are ongoing.

### Central Energy Plant (CEP)

Inspection of fire alarm devices has been completed. Testing and acceptance of the fire alarm system with the fire department is complete. Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Mechanical system testing is ongoing. Temporary Certificate of Occupancy has been granted by the New York City Department of Buildings.

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Greene Science Center, is underway. Upcoming work will include installation of street trees, completion of the Woodland Walk and planting of Woodland Walk trees.

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### Did You Know?



### The BioBus is coming to a school near you!

Columbia's Mortimer B. Zuckerman Mind Brain Behavior Institute is teaming with BioBus, the brainchild of former Columbia student Ben Dubin-Thaler (CC'00, GSAS'07), to bring new educational opportunities to schools and community centers across Upper Manhattan and the Bronx. The BioBus, a new mobile lab-on-wheels, will visit 100 schools in Harlem, Washington Heights and the Bronx annually.

*See page 3 of this newsletter to learn more about the partnership between Columbia's Zuckerman Institute and BioBus.*

*(Over)*

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  - There is a no parking zone in effect on the west side of Broadway from West 129th to 130th 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 closed as of November 16, 2016, and will remain closed until fall 2018.
  - 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](http://manhattanville.columbia.edu) then click "Community" in the navigation menu.

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## Community News

### Connecting Kids to Brain Science, Columbia's Zuckerman Institute Teams up with BioBus



*The BioBus, a new mobile lab-on-wheels, will visit 100 schools in Harlem, Washington Heights and the Bronx annually (Photo credit: Michael Seto)*

Columbia's [Mortimer B. Zuckerman Mind Brain Behavior Institute](#) and [BioBus](#) announced a partnership aimed at bringing new educational opportunities to schools and community centers across Upper Manhattan and the Bronx.

"The BioBus scientists create educational opportunities that are authentic, exciting and approachable for diverse audiences," said Kelley Remole, PhD, director of governance, research support and outreach at the Zuckerman Institute. "Their expertise working with schools and providing after-school programming adds a new dimension to our existing public programs at the Zuckerman Institute."

BioBus is the brainchild of former Columbia student Ben Dubin-Thaler (CC'00, GSAS'07). While finishing his degree in cell biology in 2007, he placed a Craigslist bid on a 1974 transit bus—and won. Turning down a research position in Singapore, Dubin-Thaler refurbished the bus instead, stuffing it with top-tier research-grade equipment to create a mobile lab-on-wheels.

The first stop for BioBus, which hit the road in 2008, was a public event at Columbia; today it has visited more than 500 schools and community events. Over 150,000 people have climbed on board to make movies of crawling amoeba and peer through microscopes at objects invisible to the naked eye, such as glowing plant chloroplasts. Working along actual scientists—as well as volunteers ranging from local college students to special guests such as Bill Nye "The Science Guy"—students leave with a new appreciation for how cool science is. More than one has spontaneously shouted "I want to be a scientist!"

Building on this record of success, Columbia University will be home to a second BioBus: an Airstream trailer, fully equipped with state-of-the-art scientific tools, that will serve as a scientific ambassador to the Zuckerman Institute's neighbors. A new curriculum focused on brain science, developed in collaboration with the Zuckerman Institute, will open up multiple entry points and pathways into science for young people.

"As part of our partnership with Columbia's Zuckerman Institute, we'll be bringing the new BioBus to 100 schools in Harlem, Washington Heights and the Bronx every year," says Dubin-Thaler, now executive director of BioBus. "Our experience has shown us that there is an enormous interest in science among students and teachers in these neighborhoods, but they don't have enough access

to scientists and scientific equipment."

The new mobile science platform will spend more than a hundred days a year visiting local K-12 schools such as PS 125 and the Urban Assembly Institute for New Technologies. It will travel across Harlem, Washington Heights and the South Bronx, providing more than 30,000 students a year with a hands-on introduction to science.

After visiting the BioBus, students can then enroll in BioBase programs, located in the Zuckerman Institute's Education Lab on the ground floor of the new Jerome L. Greene Science Center. Set up as a scientific laboratory, this space will allow students to partner with scientists to engage in in-depth science projects lasting weeks or months after school, on weekends or during school breaks. BioBase will also offer internship programs, professional development for teachers and host public events for science enthusiasts.

"Being a part of the Zuckerman Institute and working with its world-class scientists is an incredibly exciting opportunity," says Latasha Wright, PhD, chief scientist at BioBus. "We are finding creative ways to translate their extraordinary research on the mind and brain into exciting educational projects for kids, teachers, grandparents and everyone in the neighborhood."

Watch a video about the Zuckerman Institute and BioBus at [vimeo.com/187005573](https://vimeo.com/187005573).

## Community News

### Columbia and Lendlease Volunteers Tend to West Harlem Garden As Part of Eighth Annual Service Day



For eight consecutive years, Lendlease and Columbia University have partnered to help sustain, beautify, and restore local gardens, parks, and a community center across West Harlem as part of Lendlease's annual Community Day.

This year, nearly 30 Columbia University and Lendlease volunteers helped to improve the Riverside Valley Community Garden (Jenny's Garden), located at 138th Street and 12th Avenue. Volunteers cleaned, raked leaves, planted, built planter boxes, laid woodchips, created a drainage trench, and replaced a damaged chain-link fence in efforts to beautify the local garden.

The Riverside Valley Community Garden was founded by long-time local resident Jenny Benítez and a group of neighbors nearly 30 years ago. At the garden, they plant a variety of vegetables and fruit-bearing trees and distribute their harvest to the local community. For decades, the garden has been primarily maintained by Jenny and her late husband Victor Benítez. Lendlease and Columbia returned to the Riverside Valley Community Garden to honor Victor Benítez, who passed away earlier this year.

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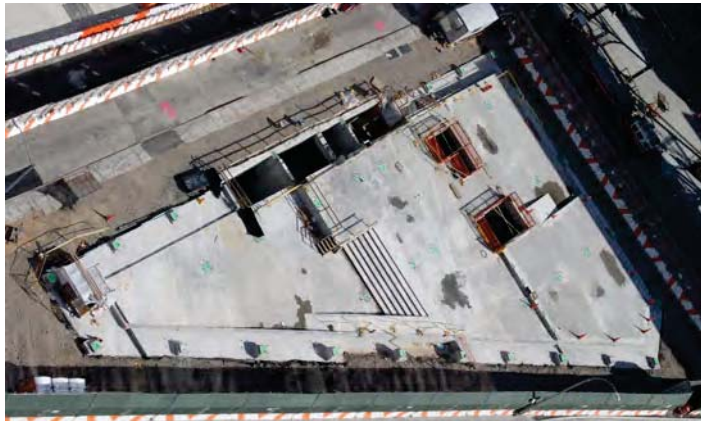
# Construction Progress Images



Jerome L. Greene Science Center looking northwest  
(© Columbia University/Frank Oudeman)



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right) looking northeast  
(© Columbia University/Frank Oudeman)



The University Forum site, aerial view



Aerial view looking northeast

## Sustainable Partnerships





# Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

**C**olumbia'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 12<sup>th</sup> 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 University 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

### Jerome L. Greene Science Center

Sidewalks being poured along W.130th street. The first of the Synapse media displays is being installed in the urban layer lobby. The installation of the IT, security, fire alarm and audio visual systems are nearing completion. Loading dock installations and furniture systems are nearing completion. Temporary certificate of occupancy has been granted by the New York City Department of Buildings.

### Lenfest Center for the Arts

Floorings and ceilings are being installed. The installation of IT, security, audio/visual and fire alarm are in progress. Shade installation and flooring are underway throughout the building. Exterior balcony installation is in progress.

### University Forum

Underground electrical conduit and plumbing piping are complete and to be concrete encased. Sidewalk bridge installation is in progress. Foundation waterproofing and backfilling is complete.

### Central Energy Plant (CEP)

Inspection of fire alarm devices has been completed. Testing and acceptance of the fire alarm system with the fire department is complete. Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Mechanical system testing is ongoing. Temporary Certificate of Occupancy has been granted by the New York City Department of Buildings.

### Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L.

Greene Science Center, is underway. Upcoming work will include completion of the Woodland Walk, planting of Woodland Walk trees, and completion of W. 130th Street sidewalks and area between the Lenfest Center for the Arts and the Jerome L. Greene Science Center.

### Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Department of Buildings and FDNY tank inspections passed. Engine startup and commissioning is complete. Automatic transfer switch commissioning at the Central Energy Plant/Jerome L. Greene Science Center is underway. Operations training is ongoing.

### Phase 2 Foundations

Mobilization of construction equipment for support of excavation and excavation is ongoing. Repairing and relocating site perimeter fence. Excavating, demolition and removal of guide walls along west half of site. Installing dewatering system.

## Did You Know?

There is a mural on Old Broadway and 125th St remembering Malcolm X and Yuri Kochiyama. The community-led project involved a collaboration with Columbia University. *See page 3 of this newsletter to learn more.*



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## 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 7:00am - 6:00pm Monday through Friday
  - Weekend work may be performed.
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  - No standing on West 125th Street between Broadway and West 129th Street.
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## Community Amenities and Benefits

To access the Columbia University's [Community Services Website](#), please visit: [manhattanville.columbia.edu](http://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 second quarter 2016 (April 1 to June 30), Columbia paid \$7,288,731 to MWL firms, representing 16 percent of total construction spend. \$2,462,088 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through June 30, 2016, Columbia paid \$132,659,624 to MWL firms, representing 34 percent of total construction spend, excluding the amount paid to the construction manager. \$43,917,858 of that figure was paid to local companies.

#### *Construction Workforce*

In the second quarter 2016 (April 1 to June 30), the MWL construction workforce delivered 92,746 hours worked, representing 47 percent of the total workforce hours for the construction of the new Manhattanville campus. 12,505 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through June 30, 2016, the MWL construction workforce delivered 1,191,851 hours worked, representing 50 percent of the total workforce hours for the

construction of the new Manhattanville campus. 224,818 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 Skanska USA/the Velez Organization (for the University Forum) and McKissack (for the Jerome L. Greene Science Center and Lenfest Center for the Arts) 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/employment-opportunities-manhattanville](http://manhattanville.columbia.edu/employment-opportunities-manhattanville).

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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](mailto: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](http://manhattanville.columbia.edu).

### Neighboring construction projects not related to Columbia

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# Community News

## A Mural Celebrating History in the West Harlem Community



On the corner of 125th Street and Old Broadway, community members of all ages have banded together to paint a mural remembering two prominent local activists: Malcolm X and Yuri Kochiyama. The project site, once home to the Black-owned soul food restaurant and nightclub “Concerto West” and now a Columbia-owned building, has become the canvas for [From Harlem with Love: A Mural Project for Yuri & Malcolm](#) by way of hundreds of community volunteers in their effort to preserve the culture of West Harlem activism.

Community members who took part in the project officially unveiled and dedicated the completed mural at a ceremony on October 23.

Julien Terrell, one of the core members of the volunteer group responsible for the mural, said the mural project is “truly of the community.” Designed collaboratively through community workshops and painted entirely by volunteers, the mural showcases cross-generational, cross-cultural unity and the desire to create positive change.

“We’ve had over 100 young people and adults come out to participate,” Terrell said. “We placed a strong emphasis on having youth participate so they will know the history of Yuri and Malcolm, and that this historic work happened in their community. A large part of the thinking is to cross generations to show what is possible when you have community-led project. There are not a lot of public art programs that are community-driven; this can serve as an example.”

Fellow team member Christine Peng said the idea for the project came shortly after Yuri’s death on June 1, 2014, from a group of like-minded friends in the community – educators, activists, and artists. Since then, the project leaders have kept the community abreast of developments through street outreach, social media and, starting in May 2015, workshops meant to educate people about the work of Malcolm and Yuri.

“When Yuri passed away, we felt we needed to find a way to both honor and remember her,” Peng said.

Peng met Yuri’s granddaughter, Akemi Kochiyama, through the Maysles Documentary Center. “From there it just organically began to grow and develop,” Peng said of their collaboration.

The mural is painted on the west wall of an unoccupied building now owned by Columbia University. While the site is anticipated for future development, there was an opportunity to feature the mural there until that time comes.

“The mural project really is a win-win for the community and the

University,” said La-Verna Fountain, a vice president for Columbia University Facilities and Operations. “The University was approached by the mural’s leaders about the project, and we are proud to have been able to offer and provide space for a project that is by and of the community until future development on that site takes shape.”

The significance of the building’s location is twofold: standing in front of the mural, one can look directly at 545 Old Broadway, a building of the Manhattanville public housing development where Yuri lived from 1960 to 1999; and the building itself was once home to the “Concerto West,” a Black-owned restaurant and nightclub where Yuri worked for many years.

“Even beyond 1999 she still maintained connections to the Manhattanville Houses community,” Terrell said. “She did a great deal of work out of her apartment; Malcolm met with a group of hibakushas (Japanese A-bomb survivors) there, and for years she would invite people from the community to her apartment to talk about issues. So this location connects so many parts of her life.”

When asked how she feels about the mural project coming to fruition, Akemi Kochiyama said she couldn’t be more excited.

“From Columbia University donating this wall that can be seen from Yuri’s old apartment, to the outstanding volunteer leadership we’ve had...it is so amazing and so authentic,” Akemi said. “Yuri would have approved of this.”

Ilyasah Shabazz, daughter of Malcolm X, echoed this sentiment. She and her family have also supported the creation of the mural to honor their father and Yuri.

Yuri Kochiyama is remembered for her advocacy of the anti-war movement, reparations for Japanese-American internees, and the rights of people imprisoned by the U.S. government, as well as for her friendship with Malcolm X. She joined Malcolm’s Organization of Afro-American Unity (OAAU), which fought for human rights for African Americans. After hundreds of minority construction workers were arrested in Brooklyn in October 1963, Yuri and Malcolm joined together to protest for their freedom. Yuri also taught English to immigrant students, and volunteered at soup kitchens and homeless shelters across New York City. Passionate about mentoring youth, she spoke at more than 100 high schools and colleges across the United States and Canada in the last 30 years of her life.

“The project is representative of the historical significance of this community and its determination, and we have to be accountable to both families and the local community to assure it is authentic,” Terrell said. “There is also a great appreciation to Columbia University for donating the wall space in this significant location.”

“The other day I was speaking about the relationship that Yuri and Malcolm had, and a young lady from the community came to me. She said she wasn’t aware such significant things had occurred in her community,” Akemi said. “For so many years, she felt a negative stigma because she lived in Manhattanville public housing. Now, she feels different because of the work that Yuri and Malcolm did here, the important discussion they had here, and all the people they impacted.”



*“From Harlem with Love: A Mural Project for Yuri & Malcolm” being painted by a group of community volunteers over the summer.*

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# Construction Progress Images



Jerome L. Greene Science Center looking northwest  
 (© Columbia University/Frank Oudeman)



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right) looking northeast  
 (© Columbia University/Frank Oudeman)



Phase 2 foundations site, looking east



Aerial view looking northeast

## Sustainable Partnerships





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### Jerome L. Greene Science Center

The first of the Synapse media displays is being installed in the urban layer lobby. The installation of the IT, security, fire alarm and audio visual systems are nearing completion. Loading dock installations and furniture systems are nearing completion. Temporary certificate of occupancy has been granted by the New York City Department of Buildings.

### Lenfest Center for the Arts

The installation of IT, security, audio/visual and fire alarm are in progress. Shade installation and venue space flooring are underway throughout the building.

### University Forum

The below-grade level slab was poured. Steel erection started and will be ongoing up to mid-March.

### Central Energy Plant (CEP)

Inspection of fire alarm devices has been completed. Testing and acceptance of the fire alarm system with the fire department is complete. Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Mechanical system testing is ongoing. Temporary Certificate of Occupancy has been granted by the New York City Department of Buildings.

### Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is nearing completion. Upcoming work will include completion of the Woodland Walk, and completion of W.

130th Street sidewalks in front of the Lenfest Center for the Arts. North asphalt paving on Broadway to be installed before end of January (weather permitting).

### Phase 1 Emergency Generator Project

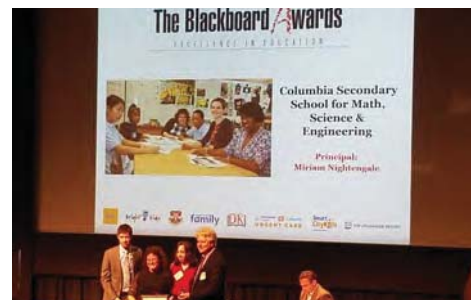
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### Phase 2 Foundations

Mass excavation work (west portion of site towards 12th Ave, between W.130th and W.131st streets) and demolition/removal of existing slurry wall guide walls. Continue mobilization of dewatering plant, commencing drawdown tests. Installation of eastern soldier pile wall (east property line for a project site located between W.130th and W.131st streets). Install fence in front of Studebaker building for emergency egress on W.131st Street. Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets.

### Did You Know?

**Columbia Secondary School for Math, Science, and Engineering** received a **2016 Blackboard Award**. The Blackboard Awards honor excellence in local education in all sectors (public, private, charter, and parochial), and all grade levels. The school opened in fall 2007 in partnership with the New York City Department of Education, the community and Columbia University.



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#### *Construction Contracting*

In the third quarter 2016 (July 1 to September 30), Columbia paid \$4,754,381 to MWL firms, representing 36 percent of total construction spend. \$570,609 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through September 30, 2016, Columbia paid \$137,394,623 to MWL firms, representing 35 percent of total construction spend, excluding the amount paid to the construction manager. \$44,488,467 of that figure was paid to local companies.

#### *Construction Workforce*

In the third quarter 2016 (July 1 to September 30), the MWL construction workforce delivered 68,569 hours worked, representing 51 percent of the total workforce hours for the construction of the new Manhattanville campus. 7,502 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through September 30, 2016, the MWL construction workforce delivered 1,279,639 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 234,705 hours of that figure were performed by the local workforce.

## Jobs and Opportunities

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## Community News

### Columbia-Harlem Small Business Development Center Takes Local Vendor to New Heights



*Ibrahim Diallo attends a local vendor product-tasting event at the Columbia Business School to promote Ginjan, his and his brother's company's all-organic West African beverage. The Diallo brothers have been working with the Columbia-Harlem Small Business Development Center to help grow their business.*

By Kevin Brannon

Brothers Ibrahim and Mohammed Diallo immigrated to the United States from their native Guinea as children, but they never forgot the taste of a particular ginger-based drink enjoyed by hundreds of millions of people across West Africa. Although they found it in many African restaurants in New York City, the pair had trouble locating a reliable source for their favorite beverage. “The quality was inconsistent,” Ibrahim recalled. “We went to a shop one day and [the drink] was fantastic. But the next time it tasted completely different. We always thought someone should take it and standardize it—just like drinks in the supermarket.”

That burst of inspiration eventually led the brothers to found Ginjan Bros, LLC, a Harlem-based company that develops traditional African beverages for the retail market. Their first offering, sold under the brand name Ginjan, is a standardized version of the wildly popular West African drink, made with all-organic ingredients. The brothers' special recipe uses a high-pressure processing method to extend the product's shelf life while preserving its fresh taste and nutritional value.

After expanding to 30 accounts, the brothers realized they could use guidance from someone experienced in growing small businesses. That's when they decided to reach out to the Columbia-Harlem Small Business Development Center (SBDC), where they asked for assistance in taking Ginjan Bros to the next level.

Partially funded by the U.S. Small Business Administration (SBA), the Columbia-Harlem SBDC is one of nine hundred centers across the country offering free business advice and training provided by qualified small business professionals to existing and future entrepreneurs.

“Ginjan Bros came to us seeking guidance on their expansion plan,” said Glamis Haro, a business consultant with the Columbia-Harlem SBDC. “I looked over their business plan and financial projections and realized they were operating with negative cash flow and the owners were not remunerating themselves for their work.”

Haro began by introducing the Diallos to some online financial management tools that assist in developing product pitches and financial forecasts and in setting benchmarks for growth. In addition, the brothers participated in SBDC-run workshops and business

consulting services. Ibrahim has also applied for the Columbia Community Business Program, which supports the growth and development of for-profit businesses in Upper Manhattan.

Thanks to the Diallo brothers' hard work and the assistance of the Columbia-Harlem SBDC, the company formally launched last summer, and today Ginjan Bros has secured distribution in stores across the tristate area including Whole Foods, Kings Supermarkets, Fresh Direct, Westside Market, and a number of smaller natural food market chains. Its signature West African ginger drink may also be available one day on Columbia's Morningside campus, thanks to connections the Diallos made at a recent local food vendor tasting event at the Columbia Business School.

Less than one year out from its launch, Ginjan Bros has beaten out hundreds of other small businesses across the United States to win both the American Entrepreneurship Award and the FedEx Small Business Grant Contest. While the Diallo brothers took the lead on seeking out these opportunities, Ibrahim points out the Columbia-Harlem SBDC's role in their success. “The advice we received from Ms. Haro contributed in helping us win these prizes,” he says.

Perhaps most significantly, Haro is now assisting the brothers in applying for a \$250,000 loan from the SBA. Ibrahim says Ginjan Bros will use the money to invest in new equipment and finance product demonstrations for the public. Best of all, in microeconomic terms, the company plans to create two to three new jobs in the Harlem community.

“This is the area in which we need [Ms. Haro] the most,” Ibrahim said. “She is going above and beyond to help us make this happen in order to support and grow our current accounts.”

## Community News

### New Community Speaker Series Launched in West Harlem

Emeritus Professors in Columbia (EPIC) is a professional and social fellowship of people who have formally retired from their Columbia careers as university professors, researchers, and administrators but are still professionally active. EPIC has launched its first Speakers Series in collaboration with the CU School of Professional Studies (SPS). The Series, coordinated by Morningside Retirement and Health Services (MRHS), is free and open to the public, and will be held at 100 LaSalle Street, Room #MC. For more information: 212-666-4000 or [ronb@mrhsny.org](mailto:ronb@mrhsny.org).

#### PROGRAM SPRING, 2017

*March 15, 7 PM*

Jeanne Stellman, Professor Emerita, Health Policy and Management, Mailman School of Public Health, will speak on: ‘Agent Orange: The Toxin That Keeps on Giving’

*April 5, 2 PM*

Mischa Schwartz, The Charles Batchelor Professor Emeritus in Electrical Engineering in the School of Engineering and Applied Science, will speak on: ‘The Political Einstein’

*April 26, 7 PM*

Tom Ference, (soon to be an Emeritus) holds Joint Professorships in Management at Columbia's Graduate School of Business and Mailman School of Public Health, will speak on: ‘The Police and Community: To Protect and Serve’

*May 17, 7 PM*

Frances Pritchett, Professor Emerita of Modern Indic Languages in the Department of Middle Eastern, South Asian, and African Studies, will speak on: ‘The Powers of Small Poems: From Ogden Nash to the Ghazal’

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# Construction Progress Images



Jerome L. Greene Science Center looking northwest  
(© Columbia University/Frank Oudeman)



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right) looking northeast  
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Phase 2 foundations site, looking west



Aerial view looking northeast

## Sustainable Partnerships





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## Did You Know?



Want to learn more about the groundbreaking research taking place inside the Jerome L. Greene Science Center? The cover story from the winter 2016 *Columbia Magazine*, "[Your Beautiful Brain](#)," provides an inside look at the important work of researchers from the Mortimer B. Zuckerman Mind Brain Behavior Institute who will be occupying the Jerome L. Greene Science Center. See: [magazine.columbia.edu/features/winter-2016/your-beautiful-brain](http://magazine.columbia.edu/features/winter-2016/your-beautiful-brain)

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Cumulatively from August 1, 2008, through September 30, 2016, the MWL construction workforce delivered 1,279,639 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 234,705 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.

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## Community News

### Scholarship applications now available for Little Lions Camp this summer



Since 2009, Columbia University has offered a total of 200 scholarships to the West Harlem Development Corporation to select locally eligible children to attend Columbia University's Summer Little Lions Camp.

The West Harlem Development Corporation (WHDC) is now receiving applications for scholarships for Little Lions Camp (formerly Cubs Camp) for this summer. Since 2009, Columbia University has offered a total of 200 weekly scholarships to the WHDC to select locally eligible children to attend Little Lions Camp.

Eligible applicants for a scholarship must be Manhattan Community District 9 residents between the ages of 6 through 12. Manhattan Community District 9 is bounded by Cathedral Parkway on the south; 155th Street on the north; Manhattan, Morningside, St Nicholas, Bradhurst, and Edgecombe Avenues on the east; and the Hudson River on the west.

The camp consists of sports and games typically including basketball, whiffle ball, volleyball, soccer, track, frisbee, dodgeball, gaga ball, and more, along with activities such as arts and crafts, scavenger hunts, and trivia games. Many of the counselors and instructors at Little Lions Camp are Columbia students, student-athletes and coaches. In addition to the expert staff, campers have access to Columbia's Division 1 athletic facilities.



Children ages 6 to 12 residing within Manhattan Community District 9 are eligible to apply for a scholarship to Little Lions Camp. Applications are now available on the West Harlem Development Corporation website and are due by March 16.

Applications for scholarships are available on the WHDC website at [www.westharlemdc.org/whdc/columbia/cubs-camp](http://www.westharlemdc.org/whdc/columbia/cubs-camp). Applications are due to the WHDC by Thursday March 16.

The Little Lions Camp scholarships are among the many community benefits Columbia University has committed to as part of the Manhattanville in West Harlem for development. For more information about the community benefits and amenities, visit [manhattanville.columbia.edu/community/benefits-and-amenities](http://manhattanville.columbia.edu/community/benefits-and-amenities).

## Community News

### Apply to be part of the next cohort of Columbia's Community Scholars



Applications for the next Columbia Community Scholars cohort are now being accepted. Above, from left to right: Community Scholars Mariama Keita, John Reddick, Sheila Anderson, Martha Diaz, Steven A. Watkins, Paula Kimper and Eric K. Washington

Columbia established the Community Scholars Program as part of its commitment to the community in connection with the Manhattanville campus expansion. The program offers adults from northern Manhattan access to Columbia University services and resources; it was designed to support and facilitate the work of individuals toward the completion of a particular project, or toward attaining skills in a specific area of interest. Services and resources are provided at no cost to participants, and include access to all University libraries, course auditing privileges, dialogue with scholars in their field of study, and the ability to participate in seminars and social events developed specifically for the group. Since 2013, Columbia has selected a total of 18 local community residents to participate as Community Scholars.

Applications for the fall 2017 Scholar cohort are being accepted through April 27. In order to apply, you must be a Borough of Manhattan resident living north of 96th Street and cannot have a current affiliation with Columbia University.

Applications and more information are available at the Government and Community Affairs website, [gca.columbia.edu/columbia-community-scholars-program](http://gca.columbia.edu/columbia-community-scholars-program). There will be an information session about the program on Thursday, March 16 from 6-7 pm in the Burden Room of Columbia's Low Library. R.S.V.P. to Phoebe-Sade Arnold at [pa2461@columbia.edu](mailto:pa2461@columbia.edu).

(Over)

# Construction Progress Images



Jerome L. Greene Science Center looking northwest  
 (© Columbia University/Frank Oudeman)



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right) looking northeast  
 (© Columbia University/Frank Oudeman)

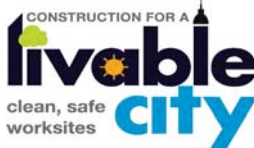


The University Forum site, looking west



Aerial view looking northeast

## Sustainable Partnerships





# Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

**C**olumbia'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 University 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

### Jerome L. Greene Science Center

The first of the Synapse media displays is installed in the urban layer lobby. The installation of the IT, security, fire alarm and audio visual systems are nearing completion. Furniture installations are nearing completion. Temporary certificate of occupancy has been granted by the New York City Department of Buildings.

### Lenfest Center for the Arts

The installation of IT, security, audio/visual and fire alarm are in progress. Shade installation and venue space flooring are underway throughout the building. Furniture installation is underway.

### University Forum

Steel erection, bolting, welding and decking are ongoing until the end of March.

### Central Energy Plant (CEP)

Third-party inspection of fire alarm devices is ongoing. Required annual testing of fire alarm devices is ongoing. Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Mechanical system testing is ongoing.

### Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is nearing completion. Upcoming work will include completion of remaining waterproofing and installation of planter walls on both sides of Lenfest Center for the Arts.

### Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the

Studebaker building to provide emergency power to the Manhattanville campus. Automatic transfer switch commissioning at the Central Energy Plant/Jerome L. Greene Science Center is underway. Operations training is ongoing. System test performance under loss of utility power is ongoing.

## Phase 2 Foundations

Mass excavation work (east and west portions of site between W.130th and W.131st streets). Continue dewatering drawdown tests. Installation of eastern soldier pile wall (east property line for a project site located between W.130th and W.131st streets). Install fence in front of Studebaker building for emergency egress on W.131st Street. Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets.

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## Project News

### Steep Rock Bouldering to Be First Retail Tenant at New Manhattanville Campus



*Steep Rock Bouldering, a New York City-based indoor climbing facility, will be the first retail tenant at the University's new Manhattanville campus, joining a Community Wellness Center, an interactive installation about brain research and an Education Lab as part of the civic and retail spaces that will define the street level experience of the campus.*

Steep Rock Bouldering, a New York City-based indoor climbing facility, will be the first retail tenant at the University's new Manhattanville campus. The all-bouldering facility will join a Community Wellness Center, an interactive installation about brain research, and an Education Lab as part of the civic and retail spaces that will define the street level experience of the campus.

The signing of Steep Rock Bouldering is consistent with the University's long-standing approach to its retail tenants which favors local businesses that bring a variety of amenities and experiences to the diverse Columbia community, the wider local community and visitors.

"The addition of Steep Rock Bouldering to the Manhattanville campus in the Jerome L. Greene Science Center makes a physically and mentally demanding activity, that is currently available only in limited locations in the city, accessible to Columbia and Upper Manhattan," said David M. Greenberg, executive vice president of Columbia University Facilities and Operations. "Steep Rock Bouldering was selected for its high-quality service, successful track record and community engagement."

Columbia University and Steep Rock Bouldering anticipate partnering to pursue community initiatives at the Manhattanville location to extend the programming and make it more accessible to more people throughout the Columbia and local community. At its East Side location, Steep Rock Bouldering partners with physical education teachers at local public schools to bring classes to the facility, and children transitioning through a nearby homeless shelter in East Harlem have access to the facility, pro bono, two days a week.

Bouldering does not require harnesses or ropes and is a healthy, unique, and fun activity that demands mental concentration and analytical skills. "Climbing is both mentally and physically demanding; the amount of energy and time that you dedicate to it is directly transferrable to your success," said Sasha DiGiulian, a 2016 Columbia College graduate and world-champion climber. "As a community, climbing is a tremendous activity for kids and adults alike to augment spatial awareness, problem solving and teamwork skills."

The Manhattanville bouldering facility will have a number of offerings, ranging from lessons to monthly memberships to community events. Day passes will be available to ages 13 and up on weekdays and ages 8 and up on weekends. The facility will also be open to community spectators during world-class bouldering competitions. Steep Rock Bouldering's inaugural events will include an open house to give community members an opportunity to familiarize themselves with bouldering and the facility's offerings.

At street level, the buildings throughout Columbia's new Manhattanville campus will be transparent in design, open to the public and programmed to engage the Columbia community and community-at-large. In addition to Steep Rock Bouldering, the street-level public spaces in the Jerome L. Greene Science Center include:

- A Community Wellness Center offering blood pressure and cholesterol screenings, as well as mental health and stroke prevention training, under the direction of Dr. Olajide A. Williams, chief of staff/chief medical officer of Neurology at Columbia University Medical Center and Dr. Sidney Hankerson, assistant professor of Clinical Psychiatry at Columbia University College of Physicians & Surgeons
- An Education Lab offering public programs on brain science for the community and K-12 schools, with hands-on activities that harness the Mortimer B. Zuckerman Mind Brain Behavior Institute's research
- The Synapse, an interactive installation where the public can learn about the brain research being conducted in the building
- Two more retail locations, likely a coffee/grab-and-go type of establishment and a restaurant

In addition, the first open space to be completed on the new campus, the Small Square, will offer an informal, 10,000-square-foot outdoor plaza designed to engage the public and University community with seating areas and free Wi-Fi.

Steep Rock Bouldering is anticipated to open this spring.



*Bouldering at Steep Rock's east side location. Steep Rock Bouldering's second location, on the ground floor of the Jerome L. Greene Science Center, is anticipated to open this spring.*

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# Construction Progress Images



Jerome L. Greene Science Center looking northwest  
(© Columbia University/Frank Oudeman)



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right) looking northeast  
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The University Forum site, looking south



Aerial view looking northeast

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Studebaker building to provide emergency power to the Manhattanville campus. Automatic transfer switch commissioning at the Central Energy Plant/Jerome L. Greene Science Center is substantially complete. Operations training is ongoing. System test performance under loss of utility power is ongoing.

### Phase 2 Foundations

The support of excavation (SOE) contractor is currently performing the following activities; mass excavation, installation of timber lagging and walers (horizontal timber beams) at eastern SOE wall, installation of temporary tieback anchors for the Site 4 construction ramp, installation of slurry wall corner bracing and construction of concrete cap beam (on top of existing slurry wall). The dewatering system is in operation. W.131st Street is closed and will remain closed until early 2019.

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Cumulatively from August 1, 2008, through December 31, 2016, Columbia paid \$147,625,584 to MWL firms, representing 34 percent of total construction spend, excluding the amount paid to the construction manager. \$49,587,521 of that figure was paid to local companies.

#### *Construction Workforce*

In the fourth quarter 2016 (October 1 to December 31), the MWL construction workforce delivered 45,314 hours worked, representing 51 percent of the total workforce hours for the construction of the new Manhattanville campus. 5,925 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through December 31, 2016, the MWL construction workforce delivered 1,328,170 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 241,364 hours of that figure were performed by the local workforce.

## Jobs and Opportunities

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### *Did You Know?*

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



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, real estate or are looking for a rewarding work experience, we want to hear from you!

The paid internships begin on July 10, 2017 and end on August 18, 2017. Applicants must be at least 16 years old at the time of the start of the internship.

The deadline for applications is June 2, 2017. The application can be found at: <https://goo.gl/kXeVbf>. For more information, please call 212-854-6938.

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## Project News

### Dean Carol Becker Welcomes the Arts to a New Home



*The Lenfest Center for the Arts at Columbia's Manhattanville campus will host public exhibitions, performances, screenings, symposia, readings, lectures and other events, and will serve as the new home for the Miriam and Ira D. Wallach Art Gallery. Its first show, opening April 22, will be the visual arts program's MFA thesis exhibition.*

By Eve Glasberg

Since it was founded in 1965, Columbia University School of the Arts has produced a stream of award-winning writers, playwrights, filmmakers, actors, directors and visual artists. While the school has never lacked for talent, it has long suffered from a paucity of square footage. Dodge Hall, the 1919 building that is the school's home, has no theater or adequate screening room for students. The LeRoy Neiman Center for Print Studies has only a small gallery space. Studios for visual arts and sound arts students are located in Prentiss and Watson halls. Public programs are held throughout the Morningside Heights campus and New York City.

"Up until now, the School of the Arts has never been able to show the city what we do, and we've never been able to show everyone on campus what we do," said Carol Becker, its dean since 2007.

All that changes when the Lenfest Center for the Arts opens on the Manhattanville campus. In his vision for a new campus, Columbia University President Lee C. Bollinger wanted the arts to take a central role. The Lenfest Center delivers on his vision. A sleek 60,000-square-foot building on West 125th Street, it will host public exhibitions, performances, screenings, symposia, readings, lectures and other events. (The school's classrooms, rehearsal spaces and administrative offices will remain in Dodge Hall and other locations.)

"It seemed essential to me that the arts be a key part of Manhattanville," said President Bollinger. "Harlem is an iconic cultural center that we should be a part of and support, and Carol embraces the possibilities that come from bringing together different kinds of people. The work at the School of the Arts—and in the Wallach Gallery—deserves a world-class platform."

The Lenfest Center will also provide a more publicly accessible home to Columbia's Miriam and Ira D. Wallach Art Gallery, which since its founding in 1986 has been tucked away on the eighth floor of Schermerhorn Hall. Its first show, opening April 22, will be the visual arts program's MFA thesis exhibition. On June 2, the gallery will present *Uptown*, a survey of work by contemporary artists from Harlem, El Barrio and Washington Heights.

These are the first of many events to be held in the Lenfest Center, including actors' showcases for the school's theater concentration, the annual Columbia University Film Festival and a film noir series

next March that will be overseen by Richard Peña, a School of the Arts professor and the former director of the New York Film Festival. Series such as "Complex Issues," in which a pair of School of the Arts faculty members discuss societal issues in relationship to their newest work, will move from a small classroom in Dodge Hall to the new building's spacious top floor. (The most recent conversation was between Lynn Nottage, a 2009 Pulitzer Prize-winning playwright whose play, *Sweat*, is currently on Broadway, and fellow playwright David Henry Hwang, who leads the school's playwriting concentration.)

Another event in the works is a program featuring neuroscientists from the neighboring Mortimer B. Zuckerman Mind Brain Behavior Institute in conversation with visual artists who work with emerging technologies.

"Our emphasis will be to make contemporary art available to the public through conversations and exhibits with artists and thinkers working in and across multiple forms," Becker said. "For the first time, all the different disciplines will be working together in one building. We can invite everyone in the adjoining neighborhoods and the Columbia community—undergraduates, graduates, all the schools together—to experience what we've been doing for decades." Read a Q&A with Dean Becker at <http://news.columbia.edu/content/Dean-Carol-Becker-Welcomes-the-Arts-to-New-Home>.

## Project News

### Last Steel Beam of Forum Building in Place

*Topping off ceremony recognizes milestone and hard work of construction team*



*A topping off ceremony for the Forum building earlier in April. The Forum building is anticipated to open in 2018. (Photo credit: John Pinderhughes)*

The final steel beam atop the Forum building, now under construction at 125th Street and Broadway, was put into place during a topping off event in early April.

The Forum will be three-stories tall and will also include below-grade space, totaling approximately 56,000 square feet. The building – considered in some ways as an academic conference center – will feature a 430-seat auditorium, providing the type of shared-meeting and large auditorium space that the university has historically lacked. The building will also include meeting rooms, faculty offices and open gathering spaces, and will have approximately 4,200 square feet of retail space on the ground level.

Renzo Piano Building Workshop is the design architect for the building, with Dattner Architects serving as executive architect and Caples Jefferson as associate architect.

(Over)

# Construction Progress Images



Phase 2 foundations site, looking north



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right) looking northeast

(© Columbia University/Frank Oudeman)



The Forum site, looking east



Aerial view looking northeast

## Sustainable Partnerships





# Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

**C**olumbia'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 12<sup>th</sup> 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 University 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

### Jerome L. Greene Science Center

Ongoing testing, balancing, and commissioning of mechanical, electrical, and plumbing systems are nearing completion. Furniture installations are substantially complete.

### Lenfest Center for the Arts

Lighting systems and security system punch list in progress. Mechanical systems balancing and commissioning is in progress.

### The Forum

Steel erection is complete. Bolting, welding and decking are ongoing. Preparation for concrete on deck. Electrical conduits and stub-ups, mechanical, electrical, and plumbing sleeves and embeds are ongoing on level 2.

### Central Energy Plant (CEP)

Third-party inspection of fire alarm devices is completed. Required testing of merged fire alarm devices is ongoing. Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Mechanical system commissioning testing is ongoing.

### Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is nearing completion. Upcoming work will include completion of remaining waterproofing and installation of planter walls on both sides of Lenfest Center for the Arts.

### Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the

Manhattanville campus. Automatic transfer switch commissioning at the Central Energy Plant/Jerome L. Greene Science Center is substantially complete. Operations training is ongoing. System test performance under loss of utility power is ongoing.

### Phase 2 Foundations

The support of excavation (SOE) contractor is currently performing the following activities; mass excavation, installation of timber lagging and walers (horizontal timber beams) at eastern SOE wall, installation of temporary tieback anchors for the Site 4 construction ramp, installation of slurry wall corner bracing and construction of concrete cap beam (on top of existing slurry wall). The dewatering system is in operation. W.131st Street is closed and will remain closed until early 2019.

### Did You Know?



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, real estate or are looking for a rewarding work experience, we want to hear from you! The paid internships begin on July 10, 2017 and end on August 18, 2017. Applicants must be at least 16 years old at the time of the start of the internship. The deadline for applications is June 2, 2017. The application can be found at: <https://goo.gl/kXeVbf>. For more information, please call 212-854-6938.

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## 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 7:00am - 6:00pm Monday through Friday
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  - 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 early 2019.
  - West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in May 2017.
  - 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](http://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 2016 (October 1 to December 31), Columbia paid \$10,619,883 to MWL firms, representing 27 percent of total construction spend. \$5,409,300 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through December 31, 2016, Columbia paid \$147,625,584 to MWL firms, representing 34 percent of total construction spend, excluding the amount paid to the construction manager. \$49,587,521 of that figure was paid to local companies.

#### *Construction Workforce*

In the fourth quarter 2016 (October 1 to December 31), the MWL construction workforce delivered 45,314 hours worked, representing 51 percent of the total workforce hours for the construction of the new Manhattanville campus. 5,925 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through December 31, 2016, the MWL construction workforce delivered 1,328,170 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 241,364 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 Skanska USA/the Velez Organization (for the Forum) and Lendlease (for Phase 2 foundations/below-grade) 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](http://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](http://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](mailto: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](http://manhattanville.columbia.edu).

### Neighboring construction projects not related to Columbia

- New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or [west125@zetlin.com](mailto:west125@zetlin.com).
- 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](mailto:riversideviaduct@gmail.com)

(Over)

## Project News

### Art of the Brain, and the Scientists Who Study It



*The Brain Index, a multiscreen floor-to-ceiling digital art installation, open to the public on the ground floor of the new Jerome L. Greene Science Center. The Brain Index invites visitors to peer inside the brain and meet the stories of individual neuroscientists who are working in the new building to help unravel the brain's complexities. (Photo credit: Eileen Barroso)*

By Kim Martineau

An innovative digital art installation on the ground floor of the new Jerome L. Greene Science Center on Columbia's [Manhattanville](#) campus invites visitors to peer inside the brain and meet the neuroscientists who are working upstairs to unravel its complexities. The multiscreen floor-to-ceiling work, Brain Index, loops through large-scale models of the brain while telling the stories of individual researchers and their quests to push the boundaries of neuroscience.

"We're trying to make the science in the building accessible and personal, and at the same time communicate how much we have yet to learn," said [Laura Kurgan](#), one of the work's creators and an associate professor at the Graduate School of Architecture, Planning and Preservation. "The brain is this messy mystery of billions and billions of neurons."

Three years in the making, the permanent exhibit is the brainchild of Kurgan, who also directs the Center for Spatial Research at the Architecture School, and [Mark Hansen](#), professor and director of the David and Helen Gurley Brown Institute for Media Innovation at the Graduate School of Journalism. Their work was commissioned by Columbia's Mortimer B. Zuckerman Mind Brain Behavior Institute, and it brings together art and science. It is designed to spark the same sense of wonder and curiosity in the public that drives the institute's researchers.

"This collaboration, like the Zuckerman Institute itself, aims to promote a collision of ideas—both within and between the sciences, social sciences and humanities," said [Thomas M. Jessell](#), co-director of Columbia's Zuckerman Institute.

The ground floor of the Greene Science Center is open to the public and serves as a neighborhood resource for brain science education. Across from the Brain Index is the [Education Lab](#), which hosts a variety of hands-on programs year-round.

"It extends our mission to every person who walks through our lobby by giving them a vivid sense of what we're trying to accomplish upstairs and why it matters," said Kelley Remole, the Zuckerman Institute's director of education and outreach.

The Brain Index features a wall-sized screen and multiple displays that show three different visualizations of the brain, sometimes simultaneously: the brain's outer surface, the networks of blood vessels that feed it and the tangles of connections that link different regions. Based on scientific data, the visualizations take the viewer on a road trip of sorts as the camera pans, tilts and zooms to reveal new places from unexpected angles.

Snapshots of [Zuckerman Institute](#) researchers are superimposed on these maps of the brain. Eight scientists are introduced sequentially, along with interactive displays tied to the parts of the brain they study. Playful headlines sum up their work: "Fish Food for Thought" describes neuroscientist Nathaniel Sawtell's search for analogs between electric fish and human electric brains, and "Go with the Flow" describes biomedical engineer Elizabeth Hillman's study of how blood flow affects brain function and development. More researcher profiles are scheduled to be added in the coming months.

The installation's emphasis on electronic data is a continuation of Kurgan and Hansen's first collaboration, Exit, a visualization of global migration patterns that explored why people leave home. While the Brain Index looks inward, both share a desire to inform and educate. The Brain Index also builds on Hansen's portfolio of public installations—he helped create the Shakespeare Machine in the lobby of the Public Theater as well as Moveable Type, a large-scale piece in the entry of the New York Times Building, another iconic building designed by Renzo Piano Building Workshop, the architectural firm that designed the Greene Science Center.

"The Brain Index is meant to teach and capture the public's imagination," said Hansen. "That was our only design constraint. The human-sized moving screens navigate the research taking place in the building and, like opening doors, invite the public to step up and explore."

## Project News

### Skanska, Construction Manager for The Forum, Holds Safety Week



*Construction workers for the Forum building review gloves and other safety accessories following a presentation during Safety Week in early May.*

Fall protection awareness, boom lift training and a presentation on power tool safety were all part of a week-long program of activities focused on safety for the construction workers for the Forum building. Led by Skanska, construction manager for the Forum, Safety Week exemplifies the emphasis on safe construction practices exhibited on the site each day.

(Over)

# Construction Progress Images



Phase 2 foundations site, looking north



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right), with the Small Square in the foreground, looking northeast



The Forum site, looking east



Aerial view looking northeast

## Sustainable Partnerships





# Growing Together

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**C**olumbia'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 12<sup>th</sup> 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 University 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

### Jerome L. Greene Science Center

Ongoing testing, balancing, and commissioning of mechanical, electrical, and plumbing systems are nearing completion. Furniture installations are substantially complete.

### Lenfest Center for the Arts

Lighting systems and security system punch list in progress.

### The Forum

Steel erection is complete. Bolting, welding and decking are ongoing on level 5. Decking on levels 2 and 3 has been poured. Fire stairs A and B installation is complete. Masonry walls installation at the BG level has started.

### Central Energy Plant (CEP)

Third-party inspection of fire alarm devices is completed. Required testing of merged fire alarm devices is ongoing. Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Mechanical system commissioning testing is ongoing.

### Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is nearing completion. Upcoming work will include completion of remaining pavers, permanent irrigation, and Woodland Walk.

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Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Automatic transfer switch commissioning

at the Central Energy Plant/Jerome L. Greene Science Center is substantially complete. Operations training is ongoing. System test performance under loss of utility power is ongoing.

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The support of excavation (SOE) contractor is currently performing the following activities; mass excavation, installation of temporary tieback anchors along the north wall (beneath the Studebaker building) and construction of concrete cap beam (on top of existing slurry wall). The dewatering system is in operation. W.131st Street is closed and will remain closed until early 2019.

### Did You Know?



Photo credit: Christian Balmer

Columbia University is hosting a Career Expo on June 19 in collaboration with Congressman Adriano Espaillat. Attendees at the Expo can meet managers representing Columbia University, security firms, city government, construction management firms, and many more; attend a job preparedness training; learn how to navigate Columbia University's employment website; and meet representatives from job skills training organizations.

The event will take place Monday, June 19 at the gymnasium in Riverbank State Park (679 Riverside Drive at W. 145th Street) from 9:00 a.m. to 3:00 p.m. Pre-registration online at [columbia.edu/june19expo](http://columbia.edu/june19expo) is encouraged. Attendees are also encouraged to bring copies of their resumes.

(Over)

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### Neighboring construction projects not related to Columbia

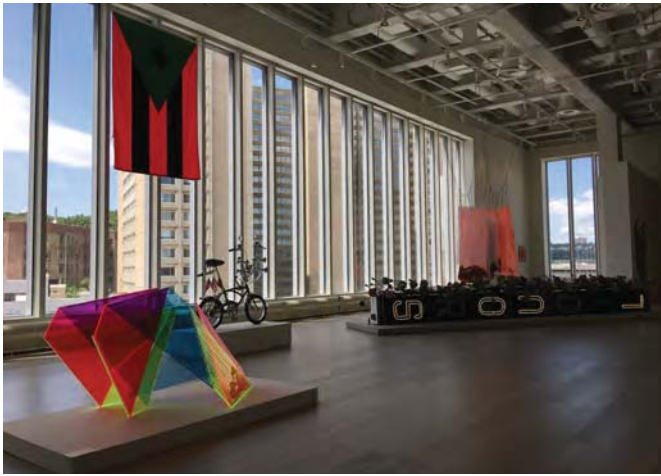
- New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or [west125@zetlin.com](mailto:west125@zetlin.com).
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(Over)



## Community News

### Local Artists in the Spotlight at First Exhibition at Wallach Art Gallery's New Home



*Uptown, the Wallach Art Gallery's first exhibition at its new home in the Lenfest Center for the Arts, premiered on June 2. The exhibition features the work of established artists and emerging talent who live or practice north of 99th Street in Manhattan. (Photo: Eddie José Bartolomei)*

Wallach Art Gallery premiered the first exhibition in its newest location in the Lenfest Center for the Arts on the Manhattanville campus. The exhibition, called *Uptown*, features the work of both established artists and emerging talent who live or practice north of 99th Street in Manhattan. *Uptown* was curated by the Gallery's director, Deborah Cullen, and will be open to the public from June 2 to August 20.

The 25 featured artists include Ghada Amer, Sanford Biggers, Vladimir Cybil Charlier, Marta Chilindron, Elizabeth Colomba, Renee Cox, Reza Farkhondeh, Alicia Grullón, Maren Hassinger, Michael Kelly Williams, Miguel Luciano, Julie Mehretu, Leeza Meksin, José Morales, Ademola Olugebefola, Shani Peters, John Pinderhughes, Jessica Rankin, Elaine Reichek, Bayeté Ross Smith, Dahirwe Rushemeza, David Shrobe, Virginia Inés Vergara, Tomas Vu and Nari Ward.

Upcoming special events at the Wallach Art Gallery – all free and open to the public – include:

Wednesday, June 14; 6-8 pm  
***Uptown Evening***

Celebrate summer and creativity with the artists of *Uptown*. Drop-in for informal gallery talks with artists Marta Chilindron and Michael Kelly Williams, and experience Miguel Luciano's public art piece, *Pimp my Piragua* on the Lenfest plaza.

Wednesday, June 28; 6-7:30 pm  
**CONVERSATION**

Intra-Harlem Correspondence: Ivy League Around the Corner With Ivan Forde, Columbia University Visual Arts MFA candidate; and artists Shani Peters and David Shrobe.

Thursday, June 22; 6-6:30 pm / Wednesdays July 12 and August 9; 1:30-2 pm  
**GALLERY TALKS**

Learn more about works on view in *Uptown* during informal gallery talks with Deborah Cullen, Director and Chief Curator, The Wallach Art Gallery and Jennifer Mock, Associate Director, Education and Public Programs.

**June 2017 Update**

**Page 3 of 4**

Saturday, July 29 1pm-3pm

### **FAMILY WORKSHOP: Making Art Uptown**

Join *Uptown* artists Maren Hassinger and Miguel Luciano for an afternoon of art making that explores creativity and self-expression. Working together, families will be able to contribute to Hassinger's artwork *Fight the Power* in an exercise that invites children and adults alike to experience empowerment through the act of making art.

Ages 5 and up; no advance registration required

The Wallach Art Gallery is free and open to the public, and is located in the Lenfest Center for the Arts on Columbia University's new Manhattanville campus, 615 West 129th Street (enter on 125th Street, west of Broadway). The Gallery's hours are Wednesday to Friday, 12-8 pm; Saturday and Sunday, 12-6 pm. For more information, [columbia.edu/cu/wallach](http://columbia.edu/cu/wallach).

## Community News

### Columbia's New Community Education Lab Launches Saturday Science Connecting Hundreds of Local Harlem and Washington Heights Children with Brain Science



*Attendees getting a hands-on education of the brain during a recent Saturday Science event held at the Mortimer B. Zuckerman Mind Brain Behavior Institute's Education Lab on Columbia's Manhattanville campus. (Photo: Michael DiVito)*

Children of all ages are now participating in free Saturday Science events at the Mortimer B. Zuckerman Mind Brain Behavior Institute's Education Lab on Columbia's Manhattanville campus. Held monthly throughout the school year, Saturday Science is a partnership with the mobile science lab, BioBus and one of several community education and internship programs. Columbia neuroscientists teach a wide range of brain-related topics to local students and their families through hands-on activities, scientific resources and the latest research.

The next Saturday Science is taking place June 17. The theme is *Trick your Brain!* where interactive, scientist-led activities are designed to play tricks on your mind and alter your reality.

The event is free and open to the public. Content is geared toward middle school students, but learners of all ages are welcome. Adults must accompany all children. Guests can come at any time between 1 and 4 pm; the typical guest spends about one hour at the event.

To attend the event, please register at [zuckermaninstitute.columbia.edu/saturday-science-zuckerman-institutes-education-lab](http://zuckermaninstitute.columbia.edu/saturday-science-zuckerman-institutes-education-lab).

(Over)

# Construction Progress Images



Phase 2 foundations site, looking north



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right), with the Small Square in the foreground, looking northeast



The Forum site, looking northwest



Aerial view looking northeast

## Sustainable Partnerships





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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 University 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

### Jerome L. Greene Science Center

Ongoing testing, balancing, and commissioning of mechanical, electrical, and plumbing systems are nearing completion. Furniture installations are substantially complete.

### Lenfest Center for the Arts

HVAC system and elevator testing and commissioning underway. Security and audio/visual systems punch list in progress.

### The Forum

Precast panels erection. Roughing for mechanical, electrical and plumbing in the street-level space. Masonry walls installation at the below-grade level

### Phase 2 Foundations

The support of excavation (SOE) contractor is currently performing the following activities; mass excavation, installation of temporary tieback anchors along the north wall (beneath the Studebaker building) and construction of concrete cap beam (on top of existing slurry wall). The dewatering system is in operation. Foundation minipiles are currently underway.

### Central Energy Plant (CEP)

Third-party inspection of fire alarm devices is completed. Required FDNY testing of merged fire alarm devices is ongoing. Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Mechanical system commissioning testing is ongoing.

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Greene Science Center, is nearing completion. Upcoming work will include completion of remaining pavers, permanent irrigation, and Woodland Walk.

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Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Automatic transfer switch commissioning at the Central Energy Plant/Jerome L. Greene Science Center is substantially complete. Operations training is ongoing.

### Did You Know?



*Students and mentors from Columbia University's Manhattanville Development Group pose with their project model and certificate following their presentation as part of the Architecture, Construction and Engineering (ACE) Mentorship Program.*

**Columbia University's Manhattanville Development Group and its team of professional services partners participated in the ACE Mentor program for the eighth year, mentoring a group of high school students.** At an event in late May, the team presented their simulated project – a recreational facility designed to enhance physical education and provide motivation to stay fit and healthy.

The Architecture, Construction and Engineering (ACE) Mentorship program provides students with real-world exposure and access to the architecture, construction and engineering industries much earlier in their lives than they would typically have the opportunity. *(Over)*

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#### *Construction Contracting*

In the first quarter 2017 (January 1 to March 31), Columbia paid \$22,616,290 to MWL firms, representing 53 percent of total construction spend. \$16,818,617 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through March 31, 2017, Columbia paid \$170,026,810 to MWL firms, representing 37 percent of total construction spend, excluding the amount paid to the construction manager. \$66,076,242 of that figure was paid to local companies.

#### *Construction Workforce*

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## Community News

### Columbia Career Expo Opens Doors for Locals to New, Diverse Job Opportunities



*In conjunction with Congressman Adriano Espaillat, Columbia University hosted a Career Expo on June 19 at Riverbank State Park that drew a turnout of more than 460 job seekers and nearly 60 participating organizations.*

Hundreds of job seekers flocked to Riverbank State Park on Monday, June 19 to take part in Columbia University's Career Expo, hosted in collaboration with U.S. Rep. Adriano Espaillat.

Participants met with hiring managers from nearly 60 organizations, attended job preparedness trainings, learned how to apply for jobs with Columbia's employment website, and networked with local businesses.

"This is a long-held commitment to the community, and we plan to hold some type of career event annually for many years to come," said Tanya Pope, assistant vice president for University Supplier Diversity and Business Integration at Columbia University Facilities and Operations. "The June 19 Expo was the 10th career event Columbia has hosted, and we've participated in at least 23 others."

According to Christine Salto, assistant director for compliance at Facilities and Operations, the Career Expo was a success, not only for the 462 job seekers who attended but for Columbia and the 58 other organizations who participated.

"Everyone who came to the Expo looking for jobs had access to information on open positions, trainings, and workshops they could attend to prepare themselves for the job market," Salto said. "Columbia was able to deliver on our commitment to engage in events that support the growth of the local community, and vendors were able to see hundreds of job seekers in one day, which lowers their recruitment costs."

Five divisions at Columbia were represented at the fair, including Columbia University Medical Center (CUMC) and Teachers College. Other participating organizations included security firms, city government, construction management firms, and other higher education institutions like New York University (NYU) and Lehman College.

"Originally, the goal was to make sure we were very transparent in showcasing the jobs available at Columbia, particularly with the new Manhattanville campus," Pope said. "Now other organizations have asked to participate, which provides even more opportunities for job seekers."

Some employers in attendance are local large business partners, such as Whole Foods Market Harlem and the Metropolitan Transportation Authority (MTA). Others are small local businesses like Hudson Moving & Storage and Sudsy Water Laundry & Dry Cleaning.

Those smaller companies are participants of CU Grow Leadership Development Program for vendors, part of Columbia's multi-dimensional approach to assisting minority-, women- and locally-owned (MWL) firms whose goal is to expand their existing portfolio of business and contracts with large clients. It includes coaching for firm leadership, which is designed to support the participants' executive decision-making and strategic thinking on how best to manage and grow of their companies. Four CU Grow program vendors participated in the Career Expo. "It was fulfilling to see some of our program participants give back at another of our community initiatives, provide employment opportunities to our neighbors, and truly bring Columbia's efforts full circle," said Radhy Miranda, program director for CU Grow and an assistant director at Facilities and Operations

Also represented at the Career Expo were construction firms building the new Manhattanville campus—Skanska USA Building Inc., the Velez Organization, and LendLease—as well as organizations offering free or subsidized training opportunities for job seekers.

Espaillat, whose congressional district comprises upper Manhattan and a portion of the West Bronx, attended the event, where he greeted businesses and those looking for work.

"My goal is to work to ensure all residents who are willing and able to work have an opportunity to find employment and can achieve success for themselves and for their families," he said. "This career expo presented us with an opportunity to connect local companies and recruiters with local talent seeking employment in our current jobs market."

La-Verna Fountain, vice president for Strategic Communications and Construction Business Initiatives at Facilities and Operations, emphasized the importance of the Columbia Employment Information Center's involvement in the event.

"Our goal has always been to bring together a diversity of firms that could support people at every level of their career path," Fountain said. "It was essential to have our Columbia Employment Information Center there to provide training throughout the day for those in need of guidance."

Since 2004, the center has operated in West Harlem as a source of information and an access point that makes Columbia job applications more accessible to the local community. The center also provides enhanced training programs and job-search counseling services designed to strengthen not only the individual applicant, but also the community.

"The combination of information and contacts available to the nearly 500 people who attended helped to make the entire day a success," Fountain said.

(Over)

# Construction Progress Images



Phase 2 foundations site, looking east



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right), with the Small Square in the foreground, looking northeast



The Forum site, looking east



Aerial view looking northeast

## Sustainable Partnerships





# Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

**C**olumbia'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 12<sup>th</sup> 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 University 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

### Jerome L. Greene Science Center

Ongoing testing, balancing, and commissioning of mechanical, electrical, and plumbing systems are nearing completion. Furniture installations are substantially complete.

### Lenfest Center for the Arts

HVAC system and elevator testing and commissioning underway. Security and audio/visual systems punch list in progress.

### The Forum

Precast panels erection. Roughing for mechanical, electrical and plumbing in the below-grade and street-level spaces. Masonry walls installation at the second level.

### Phase 2 Foundations

The support of excavation (SOE) contractor is currently performing the following activities; mass excavation, installation of temporary tieback anchors along the north wall (beneath the Studebaker building) and construction of concrete cap beam (on top of existing slurry wall). The dewatering system is in operation. Foundation minipiles are currently underway.

### Central Energy Plant (CEP)

Third-party inspection of fire alarm devices is completed. Required FDNY testing of merged fire alarm devices is complete with letter of approval pending. Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Electrical system commissioning testing is ongoing.

### Small Square

The first phase of Manhattanville's open space project, which lies

north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is nearing completion. Upcoming work will include completion of remaining pavers, permanent irrigation, and Woodland Walk.

### Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Automatic transfer switch commissioning at the Central Energy Plant/Jerome L. Greene Science Center is substantially complete. Operations training is ongoing.

### Did You Know?



*The first Family Workshop at the Wallach Art Gallery's new location in the Lenfest Center for the Arts took place on July 29. The next Family Workshop, which is free and open to the public, is scheduled for Saturday, October 7 from 1 p.m. to 3 p.m.*

**Nearly a dozen families enjoyed the Wallach Art Gallery's July 29 *Making Art Uptown* Family Workshop—the first family workshop at the Wallach's new location in the Lenfest Center for the Arts. The afternoon featured art making stations, family gallery conversations, and the opportunity to contribute to Maren Hassinger's *Fight the Power* sculpture.**

The next Wallach Art Gallery Family Workshop takes place on Saturday, October 7 from 1 p.m. to 3 p.m. The event is free and open to the public, and all families are welcome!

*(Over)*

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## Community News

### Local High School Students Get Hands-On Experience through Summer Internship Program at Columbia



*Participants in the Columbia University Local Community High School Summer Internship Program. The program provides students with practical work experience across Facilities and Operations. All interns live in Upper Manhattan.*

In early August, preparations were underway for the next university-wide procurement event to support the minority-, women- and local-owned (MWL) vendors participating in the CU Grow program. Only this time, Camri Taylor – an incoming high school senior – was hard at work prepping the materials for the event.

Taylor is one of nine high school students working across Columbia University Facilities and Operations this summer as part of the Columbia University Local Community High School Summer Internship Program. The structured, six-week initiative drew more than 100 applicants from the local community and around the city.

The program provides high school students with practical work experience before graduation. In addition, each Friday, interns join together for an inside look at various aspects of university administration, from event management to operating a dining venue, along with a tour of facilities at the Morningside, Manhattanville and Lamont-Doherty campuses. At the program's conclusion, each intern will make a presentation related to their role and learnings for the summer.

“We designed the program so interns could see the theory and behind the scenes work that then contribute to the actual product, whether it be constructing a building or hosting an event,” said Terri Caldes, director of human resources, who is leading the program for Facilities and Operations. “Columbia’s enthusiasm behind the program is one more demonstration of the University’s commitment to the local community.”

Joining Taylor in working with Strategic Communications and Construction Business Initiatives is Laura Wolfe, an incoming junior. Wolfe has spent the summer focused on communications work, assisting the team with a website data migration project, social media strategy and more.

In addition to Strategic Communications and Construction Business Initiatives, other departments in Facilities and Operations mentoring interns this summer include Planning and Capital Project Management, Finance and Administration and the Manhattanville Development Group.

“Our intern, Bryan Coca, came to us wanting an actual help desk experience, and we have put him to work just like he is one of the

members of our team. Whatever we’re doing, he’s doing it with us,” said Sharmela Girjanand, assistant director of client support services Facilities and Operations IT. “Bryan has done tasks such as troubleshooting, end-user support, IT onboarding of new employees, prepping new POS system (cash registers) for deployment, and writing code, while also being exposed to the inner workings of the many IT systems that support Facilities and Operations. He has gained hands-on experience in a very demanding environment and has become a valuable part of our team.”

The other interns include (with the department they are working in parentheses): Zvi Fermaglich (Finance), Sophie Johnson (Planning), Isis Joseph (Design and Compliance), Josue Mendoza (Code Compliance), Joel Mentor (Manhattanville Development Group), and Shenja Thompson (Human Resources). All of this summer’s program interns live in Upper Manhattan.

“I am aware of Columbia University because of my school, but I never realized how involved and connected the University is,” said Wolfe, who attends high school at Columbia Secondary School. “This experience has given me a different perspective, and I see how rooted they are in the local community.”

## Project News

### Jerome L. Greene Science Center Wins Best Academic Research Project Award for 2017 from Leading Construction Association



*Members of Columbia University Facilities and Operations’ Manhattanville Development Group join with Lendlease and other professional service partners to accept the Best Academic Research Project Award for the Jerome L. Greene Science Center from the Greater New York Construction User Council.*

The Greater New York Construction User Council, a consortium of real estate owners and users of construction services, recognized the [Jerome L. Greene Science Center](#) with the Best Academic Research Project Award for 2017. Representatives of the Manhattanville Development Group at Columbia University Facilities and Operations and Lendlease, the construction manager for the Greene Science Center, accepted the award at the organization’s annual Chairman’s Reception on June 28 in Midtown.

In addition to the GNYCUC Best Academic Research Project Award, the Jerome L. Greene Science Center previously has been awarded a 2017 Grand Award from the American Council of Engineering Companies (ACEC), one of 16 national award winners, and two awards from ACEC-NY: a 2017 Diamond Award in the Building/Technology Systems category and a 2015 Silver Award in the Structural Systems category.

The largest research building ever constructed by Columbia University, the Jerome L. Greene Science Center provides 450,000 square feet of space for the neuroscience researchers of the [Mortimer B. Zuckerman Mind Brain Behavior Institute](#), along with several spaces on the ground level open to all including the [Wellness Center](#), [Education Lab](#), [Brain Index](#) and [retail spaces](#). (Over)

# Construction Progress Images



Phase 2 foundations site, looking northeast



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right), with the Small Square in the foreground, looking northeast



The Forum, looking southwest



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Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Electrical system commissioning testing is ongoing.

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The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is nearing completion. Upcoming work will include completion of the Woodland Walk and planting of the perennials.

## Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Operations training is ongoing.

## Did You Know?



Attendees getting a hands-on education of the brain during a recent Saturday Science event held at the Mortimer B. Zuckerman Mind Brain Behavior Institute's Education Lab on Columbia's Manhattanville campus. (Photo: Michael DiVito)

**Next month, October is filled with community events, from art to brain science and earth science.** The next Wallach Art Gallery Family Workshop inspired by the exhibition, *Living in America: Frank Lloyd Wright, Harlem and Modern Housing*, takes place on Saturday, October 7 from 1 to 3 p.m. The event is free and open to the public.

Also on October 7, Columbia University's Lamont-Doherty Earth Observatory is hosting an Open House, a day filled with fun and informative earth science activities for parents, children and science enthusiasts of all ages. At the Open House, you can experience the sights and sounds of earthquakes, explore the Arctic through hands-on activities, learn about one of the world's most unique collections of sediment cores, and more. Visit the Open House website at [openhouse.ldeo.columbia.edu](http://openhouse.ldeo.columbia.edu) for more information. The Open House is free and open to the public, with a \$5 suggested donation.

On October 14, the Mortimer B. Zuckerman Mind Brain Behavior Institute is hosting the next "Saturday Science" with the theme "Sensory Overload." Visit [zuckermaninstitute.columbia.edu/saturday-science](http://zuckermaninstitute.columbia.edu/saturday-science) for more.

(Over)

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## Community News

With the help of a Columbia resource, Harlem is becoming a haven for local businesses



Harlem entrepreneurs who are part of the Harlem Local Vendor Program gather for a photo on opening day of the Harlem Whole Foods Market in July. (Photo courtesy of Whole Foods Market)

Sugar Hill Creamery, a new mom and pop ice cream shop on Lenox Avenue and 119th Street, opened in late July to the equivalent of a neighborhood standing ovation, with so many customers at times that they sold out their ice cream prior to closing time.

Around the same time six blocks north on 125th Street, Whole Foods Market opened its first store in Harlem, carrying many products made by local Harlem entrepreneurs that were flying off the shelves.

In some ways the outpouring of excitement for these local small businesses could be interpreted as a natural fulfillment of long-suppressed demand for products that represent Harlem's unique identity. While that demand may be real, the initial success is attributed to the creativity and hard work of entrepreneurs who collaborated with a consortium of local business development organizations all committed to improving Harlem's business climate and helping small businesses grow.

The Columbia-Harlem Small Business Development Center (Columbia-Harlem SBDC) has been a partner with Harlem Park to Park, Hot Bread Kitchen Incubates and the Harlem Community Development Corporation to create the Harlem Local Vendor Program (HLVP) and find ways to support Harlem food and product vendors. The new Harlem Whole Foods opened with more than 20 Harlem-made products on its shelf – all of which are made from local vendors who are part of the HLVP.

"Several years ago, we initiated a vendor fair for local caterers to increase catering opportunities at Columbia. Realizing that the number of people who would book a caterer at Columbia is too widespread, we quickly shifted to broader events beyond just food that put local vendors in front of purchasers for Columbia's business units as well as other major retailers including Whole Foods, Fairway, Macy's, Bed Bath and Beyond, and more," said Kaaryn Nailor Simmons, director of the Columbia-Harlem SBDC, a program of the Columbia Business School.

At the same time, other local community organizations including Harlem Park to Park, Hot Bread Kitchen Incubates and the Harlem CDC were exploring strategies to support local businesses, with an eye toward the opening of the Harlem Whole Foods. The organizations joined together with Columbia-Harlem SBDC to form the Harlem Local Vendor Program and create a continuous pipeline

of qualified vendors for Whole Foods and other large purchasers.

For its role in the partnership, the Columbia-Harlem SBDC has developed the Small Business Intensive Education Program, a rigorous business support program of five required classes for vendors inclusive of topics from business model development to cash flow support, financial projections, marketing assistance and other subjects to fine tune their business acumen. In addition to the Graduate Level academic classes offered, there is a lot of peer support and access to Columbia University Alumni Mentors.

Beyond the business classes and support, other partners in the Harlem Local Vendor Program offer participating businesses opportunities for exposure in vendor markets, access to a local commercial kitchen, assistance with product distribution, support with purchasing and more.

Sixty local Harlem businesses applied to be part of the most recent cohort, with nearly half approved to participate. The most recent cohort graduated at an event in late July. Graduates of the program are eligible to pitch their products to corporate buyers at the vendor fair hosted by the SBDC and Columbia Dining in December.

"The Harlem Local Vendor Program helped my business and other local entrepreneurs focus discreetly on topics that will enable us to excel in the broader marketplace while also fostering collaboration among local entrepreneurs," said Ramona Prioleau, a 1988 Columbia College and 1991 Columbia Business School graduate and founder of FRAMIATI, a Harlem-based and 100-percent minority - and woman-owned provider of skincare items and merchandise.

"The program's strategic small business advice; insightful finance lessons; emphasis on data-based decisions and supportive network help FRAMIATI continue to grow," she added.

Small businesses that participated in the program's earlier cohorts were not required to complete the business assistance curriculum, but the consortium felt that providing more business tools was a necessary component for an entrepreneur's long term success.

"The program's ultimate goal is to help build strong Harlem businesses while creating more economic stability in the community that can sustain and support more of these businesses," said Simmons. "Adding the mandatory business instruction goes a long way to making sure businesses have the behind-the-scenes capabilities to attract and retain multiple purchasers and create a lasting venture."

For entrepreneurs in the program, the benefits extended to the relationships they formed with other local entrepreneurs in their cohort.

"As a first-time, Harlem-based entrepreneur with close to 15 years living in the neighborhood, we are actively thinking about how to support our local economy, which is made possible by other Harlem-based entrepreneurs and small businesses. We are all rooting for each other and finding ways to collaborate as we bring our products to market. At Sugar Hill Creamery, we are proud to feature a tamarind flavor with a tamarind sauce from Essie Spice and a peanut butter strawberry flavor where we source the strawberry jam from Ida Preserves," said Nick Larsen, one of Sugar Hill Creamery's co-founders.

Many of the businesses from the Harlem Local Vendor Program will be at the eighth annual Harlem Harvest Festival taking place October 7 from 11 a.m. to 4 p.m. on St. Nicholas Avenue between 117th and 118th streets.

(Over)

# Construction Progress Images



Phase 2 foundations site, looking northeast



Woodland Walk north-south passageway to the west of the Lenfest Center for the Arts

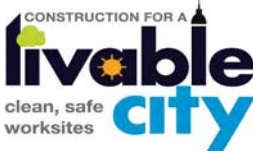


The Forum, looking northwest



Aerial view looking northeast

## Sustainable Partnerships





# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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.

## Construction Activities for the Weeks of: October 17, 2016 and October 24, 2016

### What is happening

#### *Jerome L. Greene Science Center*

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway and W. 129th Street and perimeter fence protection repairs along W. 125th Street
- Installation of permanent loading dock walls, floor, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Painting of boiler vent stacks above mechanical penthouse
- Installation of sidewalks along Broadway and W. 130th Street

#### *Lenfest Center for the Arts*

- Rooftop duct insulation wrap
- Scaffolding in place to begin exterior 5th floor balcony
- Exterior west soffits installation

#### *University Forum*

- Waterproofing at below-grade level and backfill
- Grinding foundation walls and column at below-grade level
- General site clean-up

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Completion of sidewalks on W. 129th Street
- Installation of pavers and stabilized aggregate
- Begin Woodland Walk trench drains and utility trench formwork
- Curb and sidewalk installation along Broadway between W. 129th and W. 130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- **West 129th Street between Broadway and West 125th Street will be closed from 6:00 a.m. to 6:00 p.m. on the following Saturdays: October 15 and 22.**
- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave will be closed prior to November 2016 and will remain closed until fall 2018

(Over)

## Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or [west125@zetlin.com](mailto:west125@zetlin.com).
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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: October 24, 2016 and October 31, 2016

### What is happening

#### *Jerome L. Greene Science Center*

- Maintenance of perimeter fence protection along W. 125th Street and W. 130th Street
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Installation of sidewalk along W. 130th Street

#### *Lenfest Center for the Arts*

- Rooftop duct insulation wrap
- Exterior 5th floor balcony

#### *University Forum*

- Waterproofing at below-grade level and backfill
- General site clean-up

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Completion of sidewalks on W. 129th Street
- Installation of pavers and stabilized aggregate
- Begin Woodland Walk trench drains and utility trench formwork
- Curb and sidewalk installation along Broadway between W. 129th and W. 130th streets
- Planting of street trees along W. 129th Street and Broadway

#### *New Project: Phase 2 Foundations*

- Repair and relocation of site perimeter fence
- Mobilization of construction equipment for excavation contractor
- Closure of W. 131st Street between Broadway and 12th Avenue

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- **West 129th Street between Broadway and West 125th Street will be closed from 6:00 a.m. to 6:00 p.m. on Saturday October 22**
- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is anticipated to close starting October 31 and will remain closed until fall 2018

(Over)

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: October 31, 2016 and November 7, 2016

### What is happening

#### *Jerome L. Greene Science Center*

- Maintenance of perimeter fence protection along W. 125th Street and W. 130th Street
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Installation of sidewalk along W. 130th Street

#### *Lenfest Center for the Arts*

- Rooftop duct insulation wrap
- Exterior 5th floor balcony

#### *University Forum*

- Install lighting protection angles on columns
- Waterproofing at below-grade level and backfill
- Backfill stone in the below-grade level
- General site clean-up
- Excavate and cap temporary sewer

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Begin Woodland Walk: trench drains, utility trench formwork and living roof layer
- Planting of street trees along W. 130th Street and Broadway
- Sidewalk installation along south sidewalk of W. 130th Street

#### *Phase 2 Foundations*

- Repair and relocation of site perimeter fence
- Mobilization of construction equipment for excavation contractor
- Closure of W. 131st Street between Broadway and 12th Avenue

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is anticipated to close, pending permit approval, and will remain closed until fall 2018

(Over)

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: November 7, 2016 and November 14, 2016

### What is happening

#### *Jerome L. Greene Science Center*

- Maintenance of perimeter fence protection along W. 125th Street and W. 130th Street
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Installation of sidewalk along W. 130th Street

#### *Lenfest Center for the Arts*

- Rooftop duct insulation wrap
- Exterior 5th floor balcony

#### *University Forum*

- Install lighting protection angles on columns
- Backfill stone in the below-grade level
- General site clean-up
- Excavate and cap temporary sewer

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Begin Woodland Walk: trench drains, utility trench formwork and living roof layer
- Planting of street trees along W. 130th Street
- Sidewalk installation along south sidewalk of W. 130th Street

#### *Phase 2 Foundations*

- Repair and relocation of site perimeter fence
- Mobilization of construction equipment for excavation contractor
- Closure of W. 131st Street between Broadway and 12th Avenue

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is anticipated to close, pending permit approval, and will remain closed until fall 2018

(Over)

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: November 14, 2016 and November 21, 2016

### What is happening

#### *Jerome L. Greene Science Center*

- Maintenance of perimeter fence protection along W. 125th Street and W. 130th Street
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Installation of sidewalk along W. 130th Street
- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Rooftop duct insulation wrap
- Exterior 5th floor balcony

#### *University Forum*

- Adhesion testing of below grade level waterproofing
- Backfill stone in the below-grade level
- Survey curtain wall embeds on level 1
- Lay out underground plumbing at below-grade level

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Begin Woodland Walk: trench drains, utility trench formwork and living roof layer
- Sidewalk installation along south sidewalk of W. 130th Street

#### *Phase 2 Foundations*

- Repair and relocation of site perimeter fence
- Mobilization of construction equipment for excavation contractor
- Closure of W. 131st Street between Broadway and 12th Avenue on Wednesday, November 16, 2016

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closing Wednesday, November 16, 2016, and will remain closed until fall 2018

(Over)

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: November 21, 2016 and November 28, 2016

### What is happening

#### *Jerome L. Greene Science Center*

- Maintenance of perimeter fence protection along W. 125th Street and W. 130th Street
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Installation of sidewalk along W. 130th Street
- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Rooftop duct insulation wrap
- Exterior 5th floor balcony

#### *University Forum*

- Adhesion testing of below grade level waterproofing
- Backfill stone in the below-grade level
- Lay out underground plumbing at below-grade level

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Woodland Walk: trench drains, utility trench formwork, living roof layer, Silva cells, planting soil and tree planting
- Sidewalk installation along south sidewalk of W. 130th Street

#### *Phase 2 Foundations*

- Repair and relocation of site perimeter fence
- Mobilization of construction equipment for excavation contractor is ongoing
- Excavation on Site 7 (west toward 12th Ave between W. 130th and W. 131st streets) and demolition/removal of existing slurry wall guide walls

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018

(Over)

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: November 28, 2016 and December 5, 2016

### What is happening

#### *Jerome L. Greene Science Center*

- Maintenance of perimeter fence protection along W. 130th Street
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Installation of sidewalk along W. 130th Street
- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Rooftop duct insulation wrap
- Exterior 5th floor balcony

#### *University Forum*

- Backfill stone in the below-grade level
- Lay out underground plumbing at below-grade level
- Install pedestrian sidewalk bridge on Broadway between W. 125th and W. 129th streets, followed by W. 125th Street

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Woodland Walk: trench drains, utility trench formwork, living roof layer, Silva cells, planting soil and tree planting
- Sidewalk installation along south sidewalk of W. 130th Street

#### *Phase 2 Foundations*

- Repair and relocation of site perimeter fence
- Mobilization of construction equipment for excavation contractor is ongoing
- Excavation on Site 7 (west toward 12th Ave between W. 130th and W. 131st streets) and demolition/removal of existing slurry wall guide walls

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018

(Over)

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: December 5, 2016 and December 12, 2016

### What is happening

#### *Jerome L. Greene Science Center*

- Maintenance of perimeter fence protection along W. 130th Street
- Installation of sidewalk along W. 130th Street
- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Rooftop duct insulation wrap
- Exterior 5th floor balcony

#### *University Forum*

- Continue underground piping and electric at below-grade level
- Pour concrete encasement at below-grade level
- Install pedestrian sidewalk bridge on Broadway between W. 125th and W. 129th streets, followed by W. 125th Street

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Woodland Walk: planting soil and tree planting, backfill of crushed stone
- Sidewalk installation along south sidewalk of W. 130th Street
- Curb and sidewalk removal/installation at the corner of W. 129th Street and Broadway

#### *Phase 2 Foundations*

- Repair and relocation of site perimeter fence
- Mobilization of construction equipment for excavation contractor is ongoing
- Excavation on Site 7 (west toward 12th Ave between W. 130th and W. 131st streets) and demolition/removal of existing slurry wall guide walls

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018

(Over)

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: December 12, 2016 and December 19, 2016

### What is happening

#### *Jerome L. Greene Science Center*

- Maintenance of perimeter fence protection along W. 130th Street
- Installation of sidewalk along W. 130th Street
- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Rooftop duct insulation wrap
- Exterior 5th floor balcony

#### *University Forum*

- Continue underground piping and electric at below-grade level
- Pour concrete encasement at below-grade level
- Install pedestrian sidewalk bridge on Broadway between W. 125th and W. 129th streets, followed by W. 125th Street

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Woodland Walk: planting soil and tree planting, backfill of crushed stone
- Sidewalk installation along south sidewalk of W. 130th Street
- Curb and sidewalk removal/installation at the corner of W. 129th Street and Broadway
- **W. 129th Street (between Broadway and W. 125th Street) will be temporarily closed on Saturdays December 10 and December 17 from 8:00 a.m. to 6:00 p.m.**

#### *Phase 2 Foundations*

- Repair and relocation of site perimeter fence
- Mobilization of construction equipment for excavation contractor is ongoing
- Excavation on Site 7 (west toward 12th Ave between W. 130th and W. 131st streets) and demolition/removal of existing slurry wall guide walls
- Installation of dewatering wells and mobilization of dewatering plant
- Installation of monitoring wells on 12th Avenue and W. 130th Street

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

(Over)

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) will be temporarily closed on Saturdays December 10 and December 17 from 8:00 a.m. to 6:00 p.m.
- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018



## Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or [west125@zetlin.com](mailto:west125@zetlin.com).
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## Sustainable Partnerships



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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: December 19, 2016 and December 26, 2016

### What is happening

#### *Jerome L. Greene Science Center*

- Maintenance of perimeter fence protection along W.130th Street
- Installation of sidewalk along W.130th Street
- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Rooftop duct insulation wrap
- Exterior 5th floor balcony

#### *University Forum*

- Testing and inspection of underground plumbing
- Continue the installation of the pedestrian sidewalk bridge on W.125th between Broadway and W.129th Street
- Move site fence on Broadway to prepare for the start of steel erection in January 2017
- Prepare for the closure of W.129th Street between Broadway and W.125th Street, scheduled for Tuesday, December 27. It is anticipated that W.129th Street will reopen in March 2017.

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Woodland Walk: backfill of crushed stone and installation of stone benches
- Sidewalk installation along south sidewalk of W.130th Street
- Broadway paving: removal of existing asphalt, concrete road base for southbound lanes on Broadway. Install backfill, road base and new asphalt

#### *Phase 2 Foundations*

- Repair and relocation of site perimeter fence
- Excavation on Site 7 (west toward 12th Ave between W.130th and W.131st streets) and demolition/removal of existing slurry wall guide walls
- Installation of dewatering wells and mobilization of dewatering plant
- Installation of monitoring wells on 12th Avenue and W.130th Street
- Driving of sheet piles on Site 6 along W.130th Street bridge

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

(Over)

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) is anticipated to close on Tuesday, December 27. It is anticipated that W. 129th Street will reopen in March 2017.
- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018



## Neighboring construction projects not related to Columbia

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## Sustainable Partnerships





# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: December 26, 2016 and January 2, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Maintenance of perimeter fence protection along W. 130th Street
- Installation of sidewalk along W. 130th Street
- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Dismantling exterior scaffold

#### *University Forum*

- Install waterproofing on column piers in preparation for the start of steel erection in January 2017
- Place concrete for below-grade level slab
- Move site fence on Broadway to prepare for the start of steel erection in January 2017
- Move site fence on W. 129th Street to prepare for the closure of W. 129th Street between Broadway and W. 125th Street, scheduled for Tuesday, January 3. It is anticipated that W. 129th Street will reopen in March 2017.

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Woodland Walk: backfill of crushed stone and installation of stone benches
- Sidewalk installation along south sidewalk of W. 130th Street
- Broadway paving: removal of existing asphalt, concrete road base for southbound lanes on Broadway. Install backfill, road base and new asphalt

#### *Phase 2 Foundations*

- Repair and relocation of site perimeter fence
- Excavation work (west portion of site towards 12th Ave, between W. 130th and W. 131st streets) and demolition/removal of existing slurry wall guide walls
- Installation of dewatering wells and mobilization of dewatering plant
- Installation of monitoring wells
- Removal of sections of roadway on W. 131st Street, in front of Studebaker (within the construction zone)
- Trench sidewalk along W. 131st Street, in front of Studebaker, for siamese extension

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

(Over)

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) is anticipated to close on Tuesday, January 3. It is anticipated that W. 129th Street will reopen in March 2017.
- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018



## Neighboring construction projects not related to Columbia

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## Sustainable Partnerships



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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: January 9, 2017 and January 16, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Removal of perimeter fence protection along W. 130th Street
- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *University Forum*

- Install waterproofing on column piers in preparation for the start of steel erection in January 2017
- Place concrete for below-grade level slab
- Move site fence on Broadway to prepare for the start of steel erection in January 2017
- Move site fence on W. 129th Street to prepare for the closure of W. 129th Street between Broadway and W. 125th Street, scheduled for Monday, January 9. It is anticipated that W. 129th Street will reopen in March 2017.
- Steel contractor begins mobilization and crane assembly for steel erection the week of January 16

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Woodland Walk: backfill of crushed stone and installation of stone benches
- Broadway paving: removal of existing asphalt, concrete road base for southbound lanes on Broadway. Install backfill, road base and new asphalt
- Installation of tree pit guards along Broadway

#### *Phase 2 Foundations*

- Excavation work (west portion of site towards 12th Ave, between W. 130th and W. 131st streets) and demolition/removal of existing slurry wall guide walls
- Installation of dewatering wells and mobilization of dewatering plant
- Installation of monitoring wells
- Removal of sections of roadway on W. 131st Street, in front of Studebaker (within the construction zone)
- Trench sidewalk along W. 131st Street, in front of Studebaker, for siamese extension

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

(Over)

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) is anticipated to close on Monday, January 9. It is anticipated that W. 129th Street will reopen in March 2017.
- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018



## Neighboring construction projects not related to Columbia

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## Sustainable Partnerships



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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: January 16, 2017 and January 23, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *University Forum*

- Set up crane on January 17
- Steel erection scheduled to begin January 17 through mid-April

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Woodland Walk: backfill of crushed stone and installation of stone benches
- Broadway paving: removal of existing asphalt, concrete road base for southbound lanes on Broadway. Install backfill, road base and new asphalt
- Installation of tree pit guards along Broadway

#### *Phase 2 Foundations*

- Excavation work (west portion of site towards 12th Ave, between W.130th and W.131st streets) and demolition/removal of existing slurry wall guide walls
- Installation of dewatering wells and mobilization of dewatering plant
- Installation of monitoring wells
- Removal of sections of roadway on W.131st Street, in front of Studebaker (within the construction zone)
- Trench sidewalk along W.131st Street, in front of Studebaker, for siamese extension

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in March 2017.
- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of January 16, 2017 and January 23, 2017

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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.

## Construction Activities for the Weeks of: January 23, 2017 and January 30, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras
- Installing remaining exterior soffit panels

#### *University Forum*

- Steel erection scheduled for January 20 through March 17

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Broadway paving: removal of existing asphalt, concrete road base for southbound lanes on Broadway. Install backfill, road base and new asphalt. (All to be done during night shift)

#### *Phase 2 Foundations*

- Mass excavation work (west portion of site towards 12th Ave, between W.130th and W.131st streets) and demolition/removal of existing slurry wall guide walls
- Continue mobilization of dewatering plant, commencing drawdown tests
- Installation of eastern soldier pile wall (east property line for a project site located between W.130th and W.131st streets)
- Install fence in front of Studebaker building for emergency egress on W.131st Street
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Night shift work beginning Friday, January 20 and ending Friday, January 27

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in March 2017.
- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018
- Temporary lane closures on Broadway between January 20 and 27

(Over)

## Construction Update

Weeks of January 23, 2017 and January 30, 2017

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: January 30, 2017 and February 6, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras
- Installing remaining exterior soffit panels

#### *University Forum*

- Steel erection scheduled for January 20 through March 17

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Work in Small Square is substantially complete

#### *Phase 2 Foundations*

- Mass excavation work (west portion of site towards 12th Ave, between W.130th and W.131st streets) and demolition/removal of existing slurry wall guide walls
- Continue mobilization of dewatering plant, commencing drawdown tests
- Installation of eastern soldier pile wall (east property line for a project site located between W.130th and W.131st streets)
- Install fence in front of Studebaker building for emergency egress on W.131st Street
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in March 2017.
- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of January 30, 2017 and February 6, 2017

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: February 6, 2017 and February 13, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras
- Installing remaining exterior soffit panels

#### *University Forum*

- Steel erection scheduled for January 20 through March 17

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Completion of waterproofing and protection slab surrounding Lenfest Center for the Arts

#### *Phase 2 Foundations*

- Mass excavation work (west portion of site towards 12th Ave, between W.130th and W.131st streets) and demolition/removal of existing slurry wall guide walls
- Continue dewatering drawdown tests
- Installation of eastern soldier pile wall (east property line for a project site located between W.130th and W.131st streets)
- Finish installation of fence in front of Studebaker building for emergency egress on W.131st Street
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in March 2017.
- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018

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## Construction Update

Weeks of February 6, 2017 and February 13, 2017

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: February 13, 2017 and February 20, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras
- Installing remaining exterior soffit panels

#### *University Forum*

- Steel erection scheduled for January 20 through March 17

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Completion of waterproofing and protection slab surrounding Lenfest Center for the Arts

#### *Phase 2 Foundations*

- Mass excavation work (west portion of site towards 12th Ave, between W.130th and W.131st streets) and demolition/removal of existing slurry wall guide walls
- Continue dewatering drawdown tests
- Installation of eastern soldier pile wall (east property line for a project site located between W.130th and W.131st streets)
- Finish installation of fence in front of Studebaker building for emergency egress on W.131st Street
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in March 2017.
- 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 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of February 13, 2017 and February 20, 2017

### Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or [west125@zetlin.com](mailto:west125@zetlin.com).
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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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.

## Construction Activities for the Weeks of: February 20, 2017 and February 27, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *University Forum*

- Steel erection scheduled for January 20 through March 17
- Bolting, plumbing, welding and decking are ongoing

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Completion of waterproofing and protection slab surrounding Lenfest Center for the Arts

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Continue dewatering drawdown tests
- Installation of timber lagging and walers at the east soldier pile wall
- Southwest pile wall: installation of first lever tiebacks
- Northwest corner: install bracing and welding of steel members
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in March 2017.
- No standing on West 125th Street between Broadway and West 129th Street
- No standing zone on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 12th Ave is closed and will remain closed until fall 2018

*-Please note that all activities are subject to change based on weather and other field conditions-*

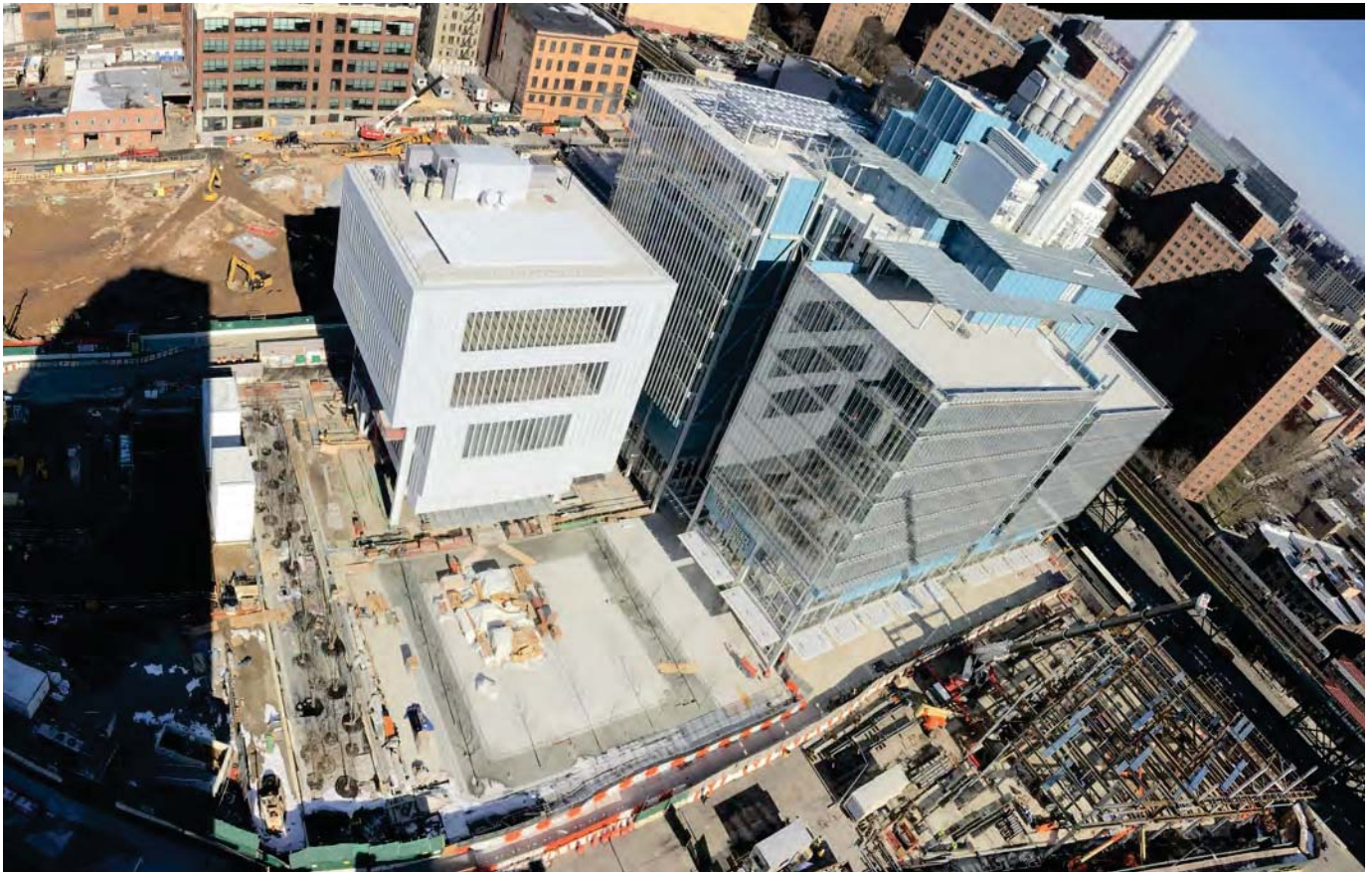
*(Over)*

## Construction Update

*Weeks of February 20, 2017 and February 27, 2017*

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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.

## Construction Activities for the Weeks of: February 27, 2017 and March 6, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *University Forum*

- Steel erection scheduled for January 20 through March 17
- Bolting, plumbing, welding and decking are ongoing

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Completion of waterproofing and protection slab surrounding Lenfest Center for the Arts

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of timber lagging and walers at the east soldier pile wall
- Installation of first level tiebacks at southwest and northwest corners of the site
- Northwest corner: install bracing and welding of steel members
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in March 2017.
- No standing on West 125th Street between Broadway and West 129th Street
- No standing zone on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed and will remain closed until fall 2018

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of February 27, 2017 and March 6, 2017

### Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or [west125@zetlin.com](mailto:west125@zetlin.com).
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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: March 6, 2017 and March 13, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *University Forum*

- Steel erection scheduled for January 20 through March 31
- Bolting, plumbing, welding and decking are ongoing

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Completion of waterproofing and protection slab surrounding Lenfest Center for the Arts
- Forming of planter walls west of Lenfest

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of first level tiebacks at southwest and northwest corners of the site
- Northwest corner: install bracing and welding of steel members
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in March 2017.
- No standing on West 125th Street between Broadway and West 129th Street
- No standing zone on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed and will remain closed until fall 2018

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

*Weeks of March 6, 2017 and March 13, 2017*

### Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or [west125@zetlin.com](mailto:west125@zetlin.com).
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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: March 13, 2017 and March 20, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *University Forum*

- Steel erection scheduled for January 20 through March 31
- Bolting, plumbing, welding and decking are ongoing

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Installation of street tree guards on Broadway and light poles
- Forming of planter walls west of Lenfest Center for the Arts
- Installation of benches around the Small Square

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of first level tiebacks at southwest and northwest corners of the site
- Northwest corner: install bracing and welding of steel members
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in March 2017.
- No standing on West 125th Street between Broadway and West 129th Street
- No standing zone on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed and will remain closed until fall 2018

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

*Weeks of March 13, 2017 and March 20, 2017*

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: March 20, 2017 and March 27, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *University Forum*

- Steel erection scheduled for January 20 through March 31
- Bolting, plumbing, welding and decking are ongoing

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Installation of street tree guards on Broadway and light poles
- Forming of planter walls west of Lenfest Center for the Arts
- Installation of benches around the Small Square

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of first level tiebacks at southwest and northwest corners of the site
- Northwest corner: install bracing and welding of steel members
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in March 2017.
- No standing on West 125th Street between Broadway and West 129th Street
- No standing zone on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed and will remain closed until fall 2018

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

*Weeks of March 20, 2017 and March 27, 2017*

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: March 27, 2017 and April 3, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *University Forum*

- Steel erection scheduled for through mid-April
- Bolting, plumbing, welding and decking are ongoing

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Installation of street tree guards on Broadway and light poles
- Forming of planter walls west of Lenfest Center for the Arts
- Installation of benches around the Small Square
- Installation of curb and sidewalk along W.129th and W.125th streets

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of first level tiebacks at northwest corners of the site
- Northwest corner: install bracing and welding of steel members
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in April 2017.
- No standing on West 125th Street between Broadway and West 129th Street
- No standing zone on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed and will remain closed until fall 2018
- W.129th Street north sidewalk will be closed temporarily for the next three weeks (Over)

## Construction Update

Weeks of March 27, 2017 and April 3, 2017

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: April 3, 2017 and April 10, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *University Forum*

- Steel erection scheduled for through April 5
- Bolting, plumbing, welding and decking are ongoing

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Installation of street tree guards on Broadway and light poles
- Forming of planter walls west of Lenfest Center for the Arts
- Installation of benches around the Small Square
- Installation of curb and sidewalk along W. 129th and W. 125th streets will commence Saturday, April 1
- The north sidewalk on W. 129th Street will be temporarily closed, reopening sometime in late April

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W. 130th and W. 131st streets)
- Temporary support of excavation work along W. 131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of first level tiebacks at northwest corner of the site
- Southwest corner: install bracing and welding of steel members
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W. 125th and W. 130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W. 129th Street will reopen in April 2017. In addition, the north sidewalk will be temporarily closed.
- No standing on West 125th Street between Broadway and West 129th Street
- No standing zone on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W. 131st Street is closed until fall 2018

(Over)

## Construction Update

Weeks of April 3, 2017 and April 10, 2017

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: April 10, 2017 and April 17, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *University Forum*

- Steel erection was completed on April 5, with a topping-out ceremony taking place. The crane was demobilized from the site.
- Bolting, plumbing, welding and decking are ongoing
- A stair tower is being erected to access all floors
- The jobsite fence is being moved back into place

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Installation of street light poles on Broadway
- Installation of benches around the Small Square
- Installation of curb and sidewalk along W. 129th and W. 125th streets
- The north sidewalk on W. 129th Street will be temporarily closed, reopening sometime in late April

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W. 130th and W. 131st streets)
- Temporary support of excavation work along W. 131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of first level tiebacks at northwest corner of the site
- Southwest corner: install bracing and welding of steel members
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W. 125th and W. 130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in April 2017. In addition, the north sidewalk will be temporarily closed.
- No standing on West 125th Street between Broadway and West 129th Street
- Installation of new electrical duct bank on W131st Street, and on Broadway between W130th and W131st Streets
- No standing zone on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed until fall 2018



## Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or [west125@zetlin.com](mailto:west125@zetlin.com).
- For more information on New York City Transit's Portal Repairs on the Broadway-7 Avenue Line, please contact Deirdre Parker at [Deirdre.parker@nyct.com](mailto:Deirdre.parker@nyct.com).
- For more information on 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](mailto:riversideviaduct@gmail.com).

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## Sustainable Partnerships



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Facilities and Operations





# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: April 17, 2017 and April 24, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras
- Exterior balcony painting

#### *University Forum*

- Steel erection was completed on April 5, with a topping-out ceremony taking place. The crane was demobilized from the site.
- Bolting, plumbing, welding and decking are ongoing
- A stair tower was erected to access all floors
- The jobsite fence was moved back into place
- Preparation work for level two concrete on deck ongoing during the next two weeks

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Installation of street light poles on Broadway
- Installation of benches around the Small Square
- Installation of curb and sidewalk along W.129th and W.125th streets
- The north sidewalk on W.129th Street will be temporarily closed, reopening sometime in late April

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of first level tiebacks at north mid-block section of the site
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in April 2017. In addition, the north sidewalk will be temporarily closed.
- No standing on West 125th Street between Broadway and West 129th Street
- Installation of new electrical duct bank on W131st Street, and on Broadway between W130th and W131st Streets
- No standing zone on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed until early 2019



## Neighboring construction projects not related to Columbia

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## Sustainable Partnerships



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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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.

## Construction Activities for the Weeks of: April 24, 2017 and May 1, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras
- Exterior balcony painting

#### *The Forum*

- Steel erection was completed on April 5, with a topping-out ceremony taking place. The crane was demobilized from the site.
- Bolting, plumbing, welding and decking are ongoing
- A stair tower was erected to access all floors
- The jobsite fence was moved back into place
- Preparation work for level two concrete on deck ongoing during the next two weeks
- Electrical conduits and stub-ups are being installed on level two

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Installation of street light poles on Broadway
- Installation of sidewalk on W.130th Street
- Continue work in the Woodland Walk

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of second level tiebacks at north mid-block section of the site
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in April 2017. In addition, the north sidewalk will be temporarily closed.
- No standing on West 125th Street between Broadway and West 129th Street
- Installation of new electrical duct bank on W131st Street, and on Broadway between W130th and W131st Streets
- No standing zone on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed until early 2019



## Neighboring construction projects not related to Columbia

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## Sustainable Partnerships



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Facilities and Operations



# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: May 1, 2017 and May 8, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras
- Exterior balcony painting

#### *The Forum*

- Steel erection was completed on April 5, with a topping-out ceremony taking place. The crane was demobilized from the site.
- Bolting, plumbing, welding and decking are ongoing
- A stair tower was erected to access all floors
- Preparation work for level two concrete on deck ongoing during the next two weeks
- Electrical conduits and stub-ups are being installed on level two

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Installation of street light poles on Broadway
- Installation of sidewalk on W.130th Street
- Continue work in the Woodland Walk

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of second level tiebacks at north mid-block section of the site
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in May 2017. In addition, the north sidewalk will be closed intermittently.
- No standing on West 125th Street between Broadway and West 129th Street
- Installation of new electrical duct bank on W131st Street, and on Broadway between W130th and W131st Streets
- Truck loading only on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed until early 2019



## Neighboring construction projects not related to Columbia

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## Sustainable Partnerships



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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: May 8, 2017 and May 15, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras
- Exterior balcony painting

#### *The Forum*

- Steel erection was completed on April 5
- Bolting, plumbing, welding and decking are ongoing on levels 3 through 5
- A stair tower was erected to access all floors
- Preparation work for level two concrete on deck ongoing during the next two weeks
- Electrical conduits and stub-ups are being installed on level two
- Mechanical, electrical and plumbing sleeves and curtain wall embeds are being installed on level 2

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Installation of sidewalk on W.130th Street
- Continue work in the Woodland Walk

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of second level tiebacks at north mid-block section of the site
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in May 2017.
- No standing on West 125th Street between Broadway and West 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed until early 2019



## Neighboring construction projects not related to Columbia

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## Sustainable Partnerships



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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: May 15, 2017 and May 22, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *The Forum*

- Steel erection was completed on April 5
- Bolting, plumbing, welding and decking are ongoing on levels 4 through 5
- A stair tower was erected to access all floors
- Preparation work for level two concrete on deck ongoing next week
- Electrical conduits and stub-ups are being installed on level 2
- Mechanical, electrical and plumbing sleeves and curtain wall embeds are being installed on level 2
- Wire mesh and rebar are being installed on level 2 for May 20 concrete pour

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Installation of sidewalk on W.130th Street
- Continue work in the Woodland Walk

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of second level tiebacks at north mid-block section of the site
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in May 2017.
- No standing on West 125th Street between Broadway and West 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W. 131st Street is closed until early 2019



## Neighboring construction projects not related to Columbia

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## Sustainable Partnerships



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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: May 22, 2017 and May 29, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *The Forum*

- Mobilize to start masonry walls work at the BG level
- Bolting, plumbing, welding and decking are ongoing on levels 4 through 5
- Electrical conduits and stub-ups are completed on level 3
- Mechanical, electrical and plumbing sleeves and curtain wall and precast embeds are being installed on level 3
- Wire mesh and rebar are to be installed on level 3 for May 24 concrete pour
- Completing bolting of fire stairs A and B

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Planting of street trees on W.129th and W.130th streets
- Continue work in the Woodland Walk
- Remove site perimeter fence and lane closure along W.130th Street

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks at the east soldier pile wall
- Installation of second level tiebacks at north mid-block section of the site
- Ramp excavation, tieback installation and walers at project site towards 12th Ave, between W.125th and W.130th streets
- Load testing of foundation minipiles

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- West 129th Street (between Broadway and West 125th Street) has closed. It is anticipated that W.129th Street will reopen in May 2017.
- No standing on West 125th Street between Broadway and West 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed until early 2019



## Neighboring construction projects not related to Columbia

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## Sustainable Partnerships



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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: May 29, 2017 and June 5, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras
- Painting exterior balcony

#### *The Forum*

- Installing masonry walls at the BG level
- Bolting, plumbing, welding and decking are ongoing on levels 4 through 5
- Electrical conduits and stub-ups are ongoing on level 3
- Mechanical, electrical and plumbing sleeves and curtain wall and precast embeds are being installed on level 3
- Wire mesh and rebar installation on level 3 for May 31 concrete pour
- Completing bolting and welding of fire stairs A and B

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Planting of street trees on W.129th and W.130th streets
- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks along Studebaker building
- Installation of second level tiebacks at north mid-block section of the site
- Load testing of foundation minipiles
- Installation of inclinometers along north slurry wall next to Studebaker

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## What to expect (continued)

### *Temporary Traffic and Transportation Impacts*

- No standing on West 125th Street between Broadway and West 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W. 131st Street is closed until early 2019



## Neighboring construction projects not related to Columbia

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## Sustainable Partnerships



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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: June 5, 2017 and June 12, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Fit out of retail space, southeast quadrant

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *The Forum*

- Installing masonry walls at the BG level
- Bolting, plumbing, welding and decking are ongoing on level 5
- Electrical conduits and stub-ups are ongoing on level 4
- Mechanical, electrical and plumbing sleeves and curtain wall and precast embeds are being installed on level 4
- Wire mesh and rebar installation on level 4 for June 8 concrete pour
- Completing temporary hand rails and stair treads of fire stairs A and B

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Planting of street trees on W.129th and W.130th streets
- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks along Studebaker building
- Installation of second level tiebacks at north mid-block section of the site
- Load testing for foundation minipiles

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on West 125th Street between Broadway and West 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed until early 2019

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of June 5, 2017 and June 12, 2017

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: June 12, 2017 and June 19, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Entrance repair along W.130th Street

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *The Forum*

- Installing masonry walls at the BG level
- Bolting, plumbing, and welding are ongoing on level 5
- Wire mesh and rebar installation on level 5 for June 15 concrete pour
- Completing temporary hand rails and stair treads of fire stairs A and B
- Excavating north curb to measure existing utilities piping

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Planting of street trees on W.129th and W.130th streets
- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street and the Studebaker building
- Installation of temporary tiebacks along Studebaker building
- Load testing for foundation minipiles

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on West 125th Street between Broadway and West 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed until early 2019

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of June 12, 2017 and June 19, 2017

### Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or [west125@zetlin.com](mailto:west125@zetlin.com).
- For more information on 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](mailto:riversideviaduct@gmail.com).



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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: June 19, 2017 and June 26, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Entrance repair along W.130th Street

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *The Forum*

- Installing masonry walls at the BG level
- Concrete pour of level 5 on June 20
- Completing temporary hand rails and stair treads of fire stairs B
- Stripping formwork and housekeeping throughout building

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Planting of street trees on W.129th and W.130th streets
- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street
- Installation of temporary tiebacks
- Load testing for foundation minipiles

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on West 125th Street between Broadway and West 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed until early 2019

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of June 19, 2017 and June 26, 2017

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: June 26, 2017 and July 3, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Entrance repair along W.130th Street

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *The Forum*

- Installing masonry walls at the BG level
- Stripping formwork and housekeeping throughout building
- Mobilization and execution of precast installation

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Planting of street trees on W.129th and W.130th streets
- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street
- Installation of temporary tiebacks
- Load testing for foundation minipiles

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on West 125th Street between Broadway and West 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 615 W.131st Street is closed until early 2019

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of June 26, 2017 and July 3, 2017

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: July 3, 2017 and July 10, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Entrance repair along W.130th Street

#### *Lenfest Center for the Arts*

- Installing exterior lights and cameras

#### *The Forum*

- Electrical roughing at the steel level space
- Installing masonry walls at the BG level
- Mobilization and execution of precast installation
- Structural steel punch list work

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center
- Installation of street tree guards on W.129th and W.130th streets

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street
- Installation of temporary tiebacks beneath Studebaker
- Load testing for foundation minipiles and installation of production minipiles
- Completion of north cap beam
- Concrete chipping, grinding of phase 1A slurry wall

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is temporarily closed

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of July 3, 2017 and July 10, 2017

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: July 10, 2017 and July 17, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Entrance repair along W.130th Street

#### *Lenfest Center for the Arts*

- Testing of the exterior lights and cameras
- Curtain wall system testing

#### *The Forum*

- Electrical roughing at the street level space
- Installing masonry walls at the BG level
- Mobilize and set up crane for precast panel on 7/10/17
- Mobilization and execution of precast installation
- Structural steel punch list work
- Start masonry walls on the second floor

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center
- Installation of street tree guards on W.129th and W.130th streets

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street
- Installation of temporary tiebacks beneath Studebaker
- Load testing for foundation minipiles and installation of production minipiles
- Completion of north cap beam
- Concrete chipping, grinding of phase 1A slurry wall

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of July 10, 2017 and July 17, 2017

### Neighboring construction projects not related to Columbia

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Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: July 17, 2017 and July 24, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Entrance repair along W.130th Street

#### *Lenfest Center for the Arts*

- Exterior base column nodes completion

#### *The Forum*

- Electrical roughing at the street level space and below-grade level
- Installing masonry walls at the below-grade level
- Precast installation on the north side of the second floor
- Masonry walls on the second floor
- Surveying curtain wall embeds

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street
- Installation of temporary tiebacks beneath Studebaker
- Load testing for foundation minipiles and installation of production minipiles
- Completion of north cap beam
- Concrete chipping, grinding of phase 1A slurry wall

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of July 17, 2017 and July 24, 2017

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: July 24, 2017 and July 31, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Entrance repair along W.130th Street

#### *Lenfest Center for the Arts*

- Exterior base column nodes completion

#### *The Forum*

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation on the north side of the second floor and third floor
- Installing store fronts at street-level space
- Installing ductwork at the below-grade level

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street
- Installation of temporary tiebacks beneath Studebaker
- Load testing for foundation minipiles and installation of production minipiles
- Completion of north cap beam
- Concrete chipping, grinding of phase 1A slurry wall

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of July 24, 2017 and July 31, 2017

### Neighboring construction projects not related to Columbia

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## Construction Activities for the Weeks of: July 31, 2017 and August 7, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Entrance repair along W.130th Street

#### *Lenfest Center for the Arts*

- Exterior base column nodes completion

#### *The Forum*

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation on the east side of the second floor and third floor
- Installing store fronts at street-level space
- Mechanical, electrical, and plumbing roughing at the below-grade level

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street
- Installation of temporary tiebacks
- Load testing for foundation minipiles and installation of production minipiles
- Concrete chipping, grinding of slurry wall

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

*Weeks of July 31, 2017 and August 7, 2017*

### Neighboring construction projects not related to Columbia

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Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: August 7, 2017 and August 14, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Entrance repair along W.130th Street

#### *Lenfest Center for the Arts*

- Exterior base column nodes completion

#### *The Forum*

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation on the east side of the second floor and third floor
- Installing store fronts at street-level space
- Mechanical, electrical, and plumbing roughing at the below-grade level
- Work to take place on Saturdays for the remainder of the year

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street
- Installation of temporary tiebacks beneath Studebaker
- Load testing for foundation minipiles and installation of production minipiles
- Concrete chipping, grinding of slurry wall
- Installation of additional wells for dewatering system

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of August 7, 2017 and August 14, 2017

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: August 14, 2017 and August 21, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Guard booth installation along W. 130th Street

#### *Lenfest Center for the Arts*

- Exterior base column nodes completion

#### *The Forum*

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation on the east side of the second floor and third floor
- Installing store fronts at street-level space
- Mechanical, electrical, and plumbing roughing at the below-grade level
- Masonry installation of auditorium walls at level two
- Work to take place on Saturdays for the remainder of the year

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W. 130th and W. 131st streets)
- Temporary support of excavation work along W. 131st Street
- Installation of temporary tiebacks beneath Studebaker
- Load testing for foundation minipiles and installation of production minipiles
- Concrete chipping, grinding of slurry wall
- Installation of additional wells for dewatering system

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until December 2017

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of August 14, 2017 and August 21, 2017

### Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or [west125@zetlin.com](mailto:west125@zetlin.com).
- For more information on 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](mailto:riversideviaduct@gmail.com).



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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: August 21, 2017 and August 28, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Guard booth installation along W. 130th Street

#### *Lenfest Center for the Arts*

- Exterior base column nodes completion

#### *The Forum*

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation on the east and south side of the second floor and third floor
- Installing store front hardware at street-level space and curtain wall hardware at levels two and three
- Mechanical and plumbing roughing at the below-grade level
- Masonry installation of auditorium walls at level two
- Work to take place on Saturdays for the remainder of the year

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W. 130th and W. 131st streets)
- Temporary support of excavation work along W. 131st Street
- Installation of temporary tiebacks beneath Studebaker
- Load testing for foundation minipiles and installation of production minipiles
- Concrete chipping, grinding of slurry wall
- Backfilling Site 6, easterly portion of site bounded by Broadway, W. 130th Street and W. 131st Street (south of the office trailers)

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

#### *Temporary Traffic and Transportation Impacts*

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until December 2017

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of August 21, 2017 and August 28, 2017

### Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or [west125@zetlin.com](mailto:west125@zetlin.com).
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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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.

## Construction Activities for the Weeks of: August 28, 2017 and September 4, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Guard booth installation along W. 130th Street

#### *Lenfest Center for the Arts*

- Exterior base column nodes completion

#### *The Forum*

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation on the east and south side of the second floor, third floor, and roof level
- Installing store front hardware at street-level space and curtain wall hardware at levels two and three
- Mechanical and plumbing roughing at the below-grade, first, and second levels
- Masonry installation of auditorium walls at level two
- Pour mechanical pads and prime walls at below-grade level
- Installation of Stairway F
- Installation of hoist beam and steel tube
- Work to take place on Saturdays for the remainder of the year

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W. 130th and W. 131st streets)
- Temporary support of excavation work along W. 131st Street
- Installation of temporary tiebacks beneath Studebaker
- Load testing for foundation minipiles and installation of production minipiles
- Concrete chipping, grinding of slurry wall
- Backfilling Site 6, easterly portion of site bounded by Broadway, W. 130th Street and W. 131st Street (south of the office trailers)

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

*Weeks of August 28, 2017 and September 4, 2017*

### What to expect (continued)

#### *Temporary Traffic and Transportation Impacts*

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until December 2017

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: September 4, 2017 and September 11, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Guard booth installation along W. 130th Street

#### *Lenfest Center for the Arts*

- East and west exterior base column nodes completion and painting

#### *The Forum*

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation is substantially complete. Precast punchlist work to start.
- Concrete corrective work for the curtain wall anchors
- Installing store front hardware at street-level space and curtain wall hardware at levels two and three
- Mechanical and plumbing roughing at the below-grade, first, and second levels
- Masonry installation of auditorium walls at level two
- Pour mechanical pads and prime walls at below-grade level
- Installation of Stairway F is substantially complete. Welding to be completed.
- Installation of hoist beam and steel tube
- Excavating for the utilities electrical conduits, then pulling cables
- Work to take place on Saturdays for the remainder of the year

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Continue work in the Woodland Walk and between the Jerome L. Greene Science Center and Lenfest Center

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W. 130th and W. 131st streets)
- Temporary support of excavation work along W. 131st Street
- Installation of temporary tiebacks beneath Studebaker
- Load testing for foundation minipiles and installation of production minipiles
- Concrete chipping, grinding of slurry wall
- Backfilling Site 6, easterly portion of site bounded by Broadway, W. 130th Street and W. 131st Street (south of the office trailers)

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of September 4, 2017 and September 11, 2017

### What to expect (continued)

#### *Temporary Traffic and Transportation Impacts*

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until December 2017

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: September 11, 2017 and September 18, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Guard booth installation along W.130th Street

#### *Lenfest Center for the Arts*

- East and west exterior base column nodes completion and painting

#### *The Forum*

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation is substantially complete. Precast punchlist work is ongoing
- Installing store front hardware at street-level space and curtain wall hardware at levels two and three
- Mechanical and plumbing roughing at the below-grade, first, and second levels
- Masonry installation of auditorium walls at level two
- Pour mechanical pads and prime walls at below-grade level
- Installation of hoist beam and steel tube
- Installing utility electrical conduits under W.129th Street and pulling cable
- Work to take place on Saturdays for the remainder of the year

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Continue work in the Woodland Walk
- Remove site perimeter protection between the Jerome L. Greene Science Center and Lenfest Center for the Arts

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street
- Installation of temporary tiebacks beneath Studebaker
- Load testing for foundation minipiles and installation of production minipiles
- Install concrete pile caps at west end of site

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

*Weeks of September 11, 2017 and September 18, 2017*

### What to expect (continued)

#### *Temporary Traffic and Transportation Impacts*

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until December 2017

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

**C**olumbia'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 12<sup>th</sup> 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.

## Construction Activities for the Weeks of: September 18, 2017 and September 25, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Guard booth installation along W. 130th Street

#### *Lenfest Center for the Arts*

- East and west exterior base column nodes completion and painting

#### *The Forum*

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing store front frames at street-level space and curtain wall hardware at levels two and three
- Mechanical and plumbing roughing at the below-grade, first, and second levels
- Masonry installation of auditorium walls at level two
- Pour mechanical pads and prime walls at below-grade level
- Pulling cable at W. 129th Street utilities
- Work to take place on Saturdays for the remainder of the year

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Configure emergency call boxes and catenary lighting
- Planting of perennials and street trees

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W. 130th and W. 131st streets)
- Temporary support of excavation work along W. 131st Street
- Installation of temporary tiebacks beneath Studebaker
- Load testing for foundation minipiles and installation of production minipiles
- Install concrete pile caps at west end of site

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

*Weeks of September 18, 2017 and September 25, 2017*

### What to expect (continued)

#### *Temporary Traffic and Transportation Impacts*

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until December 2017

### Neighboring construction projects not related to Columbia

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Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: September 25, 2017 and October 2, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Guard booth installation along W. 130th Street

#### *Lenfest Center for the Arts*

- Currently no ongoing external work

#### *The Forum*

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing store front frames at street-level space and curtain wall hardware at levels two and three
- Mechanical and plumbing roughing at the below-grade, first, and second levels
- Masonry installation of auditorium walls at level two
- Pour mechanical pads and prime walls at below-grade level
- Pulling cable at W. 129th Street utilities
- Work to take place on Saturdays for the remainder of the year

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Planting of perennials and street trees

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W. 130th and W. 131st streets)
- Temporary support of excavation work along W. 131st Street
- Installation of temporary tiebacks beneath W. 130th Street bridge
- Load testing for foundation minipiles and installation of production minipiles
- Install concrete pile caps at west end of site
- Install pressure slab at west end of site

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of September 25, 2017 and October 2, 2017

### What to expect (continued)

#### *Temporary Traffic and Transportation Impacts*

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until December 2017

### Neighboring construction projects not related to Columbia

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Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: October 2, 2017 and October 9, 2017

### What is happening

#### *Jerome L. Greene Science Center*

- Guard booth installation along W. 130th Street

#### *Lenfest Center for the Arts*

- Currently no ongoing external work

#### *The Forum*

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing store front frames at street-level space and curtain wall hardware at levels two and three
- Mechanical and plumbing roughing at the below-grade, first, and second levels
- Masonry installation of auditorium walls at level two
- Pour mechanical pads and prime walls at below-grade level
- Pulling cable at W. 129th Street utilities
- Work to take place on Saturdays for the remainder of the year

#### *Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center*

- Planting of perennials and street trees

#### *Phase 2 Foundations*

- Mass excavation work (westerly portion of site bounded by 12th Ave, W. 130th and W. 131st streets)
- Temporary support of excavation work along W. 131st Street
- Installation of temporary tiebacks beneath W. 130th Street bridge
- Load testing for foundation minipiles and installation of production minipiles
- Install concrete pile caps at west end of site
- Install pressure slab at west end of site

### What to expect

#### *Construction activity*

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

*-Please note that all activities are subject to change based on weather and other field conditions-*

*(Over)*

## Construction Update

Weeks of October 2, 2017 and October 9, 2017

### What to expect (continued)

#### *Temporary Traffic and Transportation Impacts*

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until December 2017

### Neighboring construction projects not related to Columbia

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