

**Manhattanville in West Harlem Implementation Plan Report  
October 15, 2019 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. Empire State Development and Columbia University agreed to this modification on November 28, 2018. Following this October 2019 report, all future annual reports will no longer include the original language and will contain only the modified language.

**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

## October 15, 2019 Submission

### **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:**

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins or other markings on the paper.

**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>

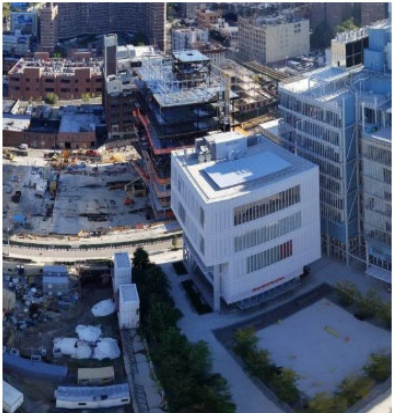
COLUMBIA | Manhattanville

ABOUT CAMPUS COMMUNITY NEWS EVENTS MAP

Construction Updates News Archive Press Media Kit

# Construction Updates

Weeks of 9/30/19 and 10/7/19



**What Is Happening**

*The Forum*

- Punchlist

*Columbia Business School*

Site 7 (Western Site)

- Concrete is installed up to the roof
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork up to level 6
- Spray on fireproofing is up to level 9
- Curtain wall installation is partially up to level 7
- Interior wall installation up to level 5

Site 6B (Eastern 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

*Temporary Traffic and Transportation Impacts*

- Refer to street signage for the west side of Broadway from 129th to 130th Streets -- parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed...

[FULL UPDATE ▸](#)



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 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 2018 - September 2019
- Copies of Weekly Construction Updates covering period October 8, 2018 - October 7, 2019
- 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 Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

## Current Construction Activity

### The Forum

Occupants have moved in. Painting, punch list, commissioning, training.

### Phase 2 Foundations

The foundation contractor is currently performing the following activities: steel erection and concrete on metal deck. The dewatering system is in operation.

### Columbia Business School

The Columbia Business School's two new facilities, The Ronald O. Perelman Center for Business Innovation and the Henry R. Kravis Building, are currently under construction above the Phase 2 Foundations project. Anticipated completion is set for December 2021. The Henry R. Kravis Building is expected to begin steel erection in late October/early November 2018. There are currently no activities for the month of October for the Ronald O. Perelman Center for Business Innovation.

## Project News

### The Forum, A New Meeting and Discussion Facility on the Manhattanville Campus, Now Open



Photo: © Frank Oudeman/Columbia University

On September 26, Columbia University President [Lee C. Bollinger](#) joined Pritzker Prize-winning architect Renzo Piano, founder and principal of Renzo Piano Building Workshop, to inaugurate [The Forum](#): a new 56,000-square-foot, three-story facility that completes the first ensemble of new buildings on Columbia's [Manhattanville](#) campus in West Harlem. The Forum adds long-needed space at Columbia for academic conferences, meetings and public discussion to the new campus's already completed buildings dedicated to arts presentation and neuroscience research. The facility will serve the entire University community, while providing a welcoming, transparent gateway to the 17-acre campus for students, faculty, guest scholars and members of the general public.

Conceived as a new kind of open, urban campus to support Columbia's academic mission while also providing a shared resource for the local [community](#), the Manhattanville campus is publicly accessible throughout at street level, incorporating spaces for public engagement in all its buildings, as well as publicly accessible open spaces. Facilities already in use include free public programming such as a public neuroscience [Education Lab](#) for local students and adults of all ages, a community [Wellness Center](#) with screening and outreach programs designed and staffed by Columbia physicians, and the new home of Columbia's Miriam and Ira D. [Wallach Art Gallery](#) with a range of exhibits built around local artists and themes.

## Community News

### Duke Ellington's Portraits and Self-Portraits at the Wallach Art Gallery



Come visit the Wallach Art Gallery on October 18—free of charge—for a night of live music and an illustrated presentation highlighting Duke Ellington's portraits and self-portraits. See page 3 for more.

(Continued on page 3)

## What to Expect

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

- Regular work hours are 7:00AM - 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 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 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](http://manhattanville.columbia.edu), 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 first quarter 2018 (January 1 to March 31), Columbia reclassified a net amount of \$909,063 from MWL to non-MWL firms, representing money MWL firms paid to their non-MWL subcontractors, equivalent to 4 percent of total construction spend in the quarter. A net amount of \$4,348,626 was reclassified from payments made by local companies. This adjustment was due to a payment lag from MWL firms to their non-MWL subcontractors that occurred between previous quarters and this quarter.

Cumulatively from August 1, 2008, through March 31, 2018, Columbia paid \$248,964,959 to MWL firms, representing 41 percent of total construction spend, excluding the amount paid to the construction manager. \$126,932,414 of that figure was paid to local companies.

#### Construction Workforce

In the first quarter 2018 (January 1 to March 31), the MWL construction workforce delivered 38,372 hours worked, representing 53 percent of the total workforce hours for the construction of the new Manhattanville campus. 3,579 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through March 31, 2018, the MWL construction workforce delivered 1,523,624 hours worked, representing 49 percent of the total workforce hours for the construction of the new Manhattanville campus. 261,096 hours of

that figure were performed by the local workforce.

## Jobs and Opportunities

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

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

## Did You Know?



Photo: Michael DiVito

Families and community groups are invited to explore the workings of the brain through hands-on activities and unique scientific resources at Saturday Science events. Activities and demonstrations are designed to be engaging, informative, and used as launching points for further exploration, reflection and discovery. Learners of all ages can join scientists in the Zuckerman Institute's Education Lab, located at 609 West 129th Street, for the events.

#### Fall 2018 Schedule:

October 20, 2018: [Come to Your Senses](#)  
November 17, 2018: [Decisions, Decisions](#)  
December 8, 2018: [Let's Move It](#)

Visit [zuckermaninstitute.columbia.edu/saturday-science](http://zuckermaninstitute.columbia.edu/saturday-science) for more information and to register to guarantee your attendance. Guests can arrive at any time between 1 and 4 PM. Saturday Science is free and open to the public.

(Over)



## The Forum, A New Meeting and Discussion Facility on the Manhattanville Campus, Now Open — continued from page 1



*The Forum features a state-of-the-art 437 seat auditorium. (Photo: Frank Oudeman)*

Triangular in plan to match its distinctive site at West 125th Street and Broadway, The Forum is visually transparent at street level like its RPBW-designed neighbors, the Lenfest Center for the Arts and the Jerome L. Greene Science Center. Anyone may pass freely from the sidewalk into a Forum café with Wi-Fi, an information center, and a ground-floor space where Columbia's schools and divisions will offer programming. After the inaugural year, the program space will also be available by reservation for community groups. On the upper floors, The Forum houses a 437-seat auditorium, a variety of meeting rooms, and offices that will initially be used by two related University initiatives to address a range of public challenges facing our society: Columbia World Projects and the Obama Foundation Scholars.

"Sixteen years in the conceiving and making, the new campus in Manhattanville provides Columbia with the opportunity to do research and teach better in the present and also to have the freedom to imagine its future," said Bollinger. "The Forum completes the spectacular triad of the first buildings on this new kind of urban campus, which reflects not only modern design, but modern values about how we can mutually benefit our local communities – defined by a visual openness and civic function that welcomes everyone in to participate in what only a truly great university can do."



*Like Jerome L. Greene Science Center and Lenfest Center for the Arts, The Forum has a transparent ground floor that is open to the public. (Photo: Frank Oudeman)*

"In designing the master plan for the campus and its first three buildings, we wanted to help Columbia as a global university in the city and for the city," said Piano. "So New York's streets and sidewalks are woven into the fabric of the campus. This is not like the campus of earlier centuries. All the buildings are transparent, open to the public, and have amenities for the local community at street level, including plazas and green spaces for everyone to share. The architecture draws on the neighborhood's industrial vocabulary, as you see for example with the exposed structural elements inside The Forum. We think of these buildings as machines — new kinds of

machines for doing scientific research, for presenting the arts, and now, with The Forum, for bringing people together and communicating."

During the months after the official opening, The Forum will gradually become the site for a variety of academic and public programs from across the Columbia community.

The Forum's 4,200-square-foot ground-floor café will offer a casual place for snacks and light meals, lingering for conversation over coffee, reading a book or connecting to Wi-Fi. For the more formal programs organized at The Forum, the café will also serve as a catering facility.

Offices on the upper floors of The Forum are initially being used by two University-wide Columbia programs:

[Columbia World Projects](#), established in 2017, a new initiative that aims to bring university research systematically out into the world in the form of projects that will have a significant and lasting positive impact on people's lives and will help guide the way to solutions to intractable problems, while additionally enriching research and scholarship.

[The Obama Foundation Scholars](#) at Columbia, part of Columbia World Projects, now welcoming its inaugural class of 12 rising change-makers from Asia, Africa, South America, South Asia and Europe for a year-long academic and civic leadership program designed to strengthen the expertise and knowledge of individuals with a demonstrated ability to be transformative leaders in their communities, nations and the world. From their base in The Forum, Columbia's Obama Foundation Scholars will participate in immersive learning across the University and New York City, along with networking, mentorship, service and leadership development activities led by the Obama Foundation.

In the future, other university programs and initiatives may be located in The Forum's office spaces.

## Community News

### Duke Ellington's Portraits and Self-Portraits at the Wallach Art Gallery

Join us on October 18 at 7pm for a live music and illustrated presentation highlighting Duke Ellington's musical self-portraits and his portraits of people he admired — many of whom were black women. Ellington composed several of these works just prior to Matisse's visit to Harlem in 1930-31; they could well have been among the works the French artist heard while here. Particularly when portraying black women, how might we compare these two artists' portraits?

This event is a collaboration between the Miriam and Ira D. Wallach Art Gallery and Center for Jazz Studies, with Robert O'Meally, Zora Neale Hurston Professor of English; Lisle Atkinson, bass; Leroy Williams, drums; and Richard Wyands, piano.

The program is presented in conjunction with the exhibition, *Posing Modernity: The Black Model from Manet and Matisse to Today*, on view October 24, 2018 to February 10, 2019. The exhibition is curated by Denise Murrell, PhD, Ford Foundation Postdoctoral Research Scholar at the Wallach Art Gallery.

This event will take place at the Wallach Art Gallery at 615 West 129th Street and is free and open to the public. To register, please visit <https://events.columbia.edu/go/October18Registration> or email [wag\\_programs@columbia.edu](mailto:wag_programs@columbia.edu).

(Over)



## Construction Progress Images



Phase 2 foundations site, looking northeast



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



The Forum, looking northwest



Aerial view looking northeast

## Sustainable Partnerships





# Growing Together

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

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### Columbia Business School

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### W. 132nd Street Demolition

The former Tuck-it-Away facility and adjacent former apartment complex on the corner of W. 132nd Street and Broadway are scheduled to be demolished by summer of 2019. The sites are currently undergoing sidewalk repair, construction fence building and repair, and installation of sidewalk bridges and scaffolding.

## Community News Now Open:

### The Café at the Forum

The Café located on the ground floor of The Forum is now open to the public. See page 3 for more.



## Community News

### Posing Modernity: Wallach Gallery Rethinks the Black Model's Role in Modernism

By Eve Glasberg



Frédéric Bazille, *Young Woman with Peonies*, 1870. National Gallery of Art, Washington, D.C., Collection of Mr. and Mrs. Paul Mellon. Image Courtesy of National Gallery of Art, Washington, D.C.

In late 1862, the French painter Édouard Manet recorded in his studio notebook that the model Laure posed for a portrait in his Paris studio. A few months later, she returned to pose for the maid in Manet's master work, *Olympia*, which portrays a naked prostitute propped on pillows and staring brazenly at the viewer as her servant brings forth a floral offering.

That 1863 painting was a sensation at the 1865 Paris Salon, and now it is the spark behind the exhibition, *Posing Modernity: The Black Model from Manet and Matisse to Today*, which opened at Columbia's Wallach Art Gallery in October. The show, which is free to the public and runs until February 10, is a sweeping re-examination of the history of modern art that proposes that the changing representation of the black female figure has been central to the development of modernism.

"This exhibition raises the bar for the Wallach," said Lewis Long, the gallery's associate director of external affairs. "The works are masterpieces loaned by national and international museums and art patrons, and we are bringing them here to Columbia to share with our campus, our neighbors and the broader art-going public."

(Continued on page 3)



## What to Expect

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#### Construction Contracting

In the second quarter 2018 (April 1 to June 30), Columbia paid \$20,118,549 to MWL firms, representing 41 percent of total construction spend. \$10,466,503 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through June 30, 2018, Columbia paid \$269,045,294 to MWL firms, representing 42 percent of total construction spend, excluding the amount paid to the construction manager. \$137,382,961 of that figure was paid to local companies.

#### Construction Workforce

In the second quarter 2018 (April 1 to June 30), the MWL construction workforce delivered 50,862 hours worked, representing 60 percent of the total workforce hours for the construction of the new Manhattanville campus. 4,241 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through June 30, 2018, the MWL construction workforce delivered 1,581,310 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 265,730 hours of that figure were performed by the local workforce.

### November 2018 Update

## 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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### Neighboring construction projects not related to Columbia

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## Saturday Science at the Education Lab



*The next Saturday Science at the Education lab is scheduled for November 17 from 1 p.m. to 4 p.m. (Photo: Michael DiVito)*

Families and community groups are invited to explore the workings of the brain through hands-on activities and unique scientific resources at Saturday Science events. Activities and demonstrations are designed to be engaging, informative, and used as launching points for further exploration, reflection and discovery. Learners of all ages can join scientists in the Zuckerman Institute's Education Lab, located at 609 West 129th Street, for the events.

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November 17, 2018: [Decisions, Decisions](#)

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Visit [zuckermaninstitute.columbia.edu/saturday-science](http://zuckermaninstitute.columbia.edu/saturday-science) for more information and to register to guarantee your attendance. Guests can arrive at any time between 1 and 4 PM. Saturday Science is free and open to the public.

(Over)

## Posing Modernity: Wallach Gallery Rethinks the Black Model's Role in Modernism – continued from page 1



Romare Bearden, *Patchwork Quilt*, 1970. The Museum of Modern Art, New York, Blanchette Hooker Rockefeller Fund, 1970. Art © 2018 Romare Bearden Foundation/Licensed by VAGA at Artist's Rights Society (ARS), New York, NY.

Denise Murrell (GSAS'04, M.Phil'10, Ph.D.'14), is the Wallach Gallery's Ford Foundation Postdoctoral Research Scholar, and curator of the exhibition. "Manet's radical break was his commitment to painting scenes of his normal everyday life, and Laure was a part of that. She lived near him in the Batignolles neighborhood," she said.

The seeds of the show were planted back in 2001 when, as a post-Harvard MBA, Murrell worked on Wall Street by day and took night courses at Hunter College to qualify for Columbia's art history master's program. "I'd sit there in these art history survey classes and think, 'but where are all the black people?'" Their invisibility became the subject of her 2013 dissertation, which resulted in the exhibition.

"I remember the first time I saw an image of *Olympia* flash on the screen as a graduate student. My heart was pounding and I wondered what would be said about the black servant ... and was really concerned that nothing at all was mentioned," said Murrell, who took it upon herself to redress that wrong by excavating the narrative of Laure. "As I did that, I understood that she was not just the subject of Manet's work, but of works by many successive generations of artists. As I looked more deeply into the archival and anecdotal material about her, I became aware of how extensive her legacy was with a pattern of images that exist across the last 160 or so years."

Manet, one of the first artists to depict modern urban life by bridging the gap between Realism and Impressionism, painted Laure three times over the course of one year. The first time she appeared was as a nursemaid in a Parisian park scene, *Children in the Tuileries Gardens*. The second was *La Nègresse (Portrait of Laure)*, where she was the sole focus of both the artist and the viewer. The third was *Olympia*.

The first two images are on view in *Posing Modernity*. Comprising more than 100 works of art, the exhibition begins with a consideration of the role of Laure, a member of the new free-black community that emerged in Paris not long after the French abolition of territorial slavery in 1848. *Olympia* will be on view in Paris in an expanded version of the exhibition, *The Black Model, from Géricault to Matisse*, which will be at the Musée d'Orsay, the exhibition's co-organizer, from March 26 to July 14, 2019.

*Posing Modernity* features images of other black models in works by Manet's contemporaries and near-contemporaries, including his acolyte Frédéric Bazille, Edgar Degas, Jean-Baptiste Carpeaux and the photographer Nadar. Through these works, the exhibition brings to light little-known connections between the avant-garde circles of 19th-century Paris and the post-abolition community of free black Parisians to which Laure and other models belonged.

The exhibition then traces the impact of Manet's reconsideration of

the black model into the 20th century and across the Atlantic to New York City, where Henri Matisse visited Harlem jazz clubs in the 1930s and, later, created portraits of black dancers as icons of modern beauty. *Posing Modernity* sets these and other works by Matisse in dialogue with the "New Negro" portraiture style with which diverse Harlem Renaissance artists—such as Charles Alston (CC 1929, TC 1931), William H. Johnson and Laura Wheeler Waring—defied racial stereotypes. The show concludes with a look at the legacy of Manet and Matisse as seen in the works of artists from Romare Bearden to Mickalene Thomas.

Murrell hopes that the issues of race, gender and class raised in the exhibition will filter back into the classroom so that when *Olympia* appears on the screen, "the discussion will deal with the maid and the prostitute, black and white, and with the issues of both race and gender in Manet's time," she said.

Born in Harlem Hospital, Murrell spent part of her childhood in the neighborhood and now lives near the Lenfest Center for the Arts, the Wallach's home on the Manhattanville campus. She is thrilled to see her groundbreaking ideas on the black model as modern art muse reaching the local community and beyond. "This show is so relevant now," she said. "By rendering Laure visible and giving her a voice, it opens pathways for other women of color."

## Community News

### The Café at The Forum is Open to the Public



The Café at The Forum is open to the public on the building's ground floor, serving coffee, tea, baked goods, soups, and a small selection of salads and sandwiches.

If you have not yet visited The Forum at 125th Street and Broadway, we encourage you to come inside. There are many seating areas in the building's lobby with free Wi-Fi available for use. While there, enjoy one of the food offerings from the Café at The Forum, a Columbia-operated food and beverage establishment at the building.

Located on the ground floor of The Forum, The Café is open to all visitors. The Café serves coffee, tea, baked goods, soups and a small selection of salads and sandwiches— all with a special emphasis on locally sourced items. Coffee is provided by Brooklyn Roasting Company and served with milk from Ronniebrook Farms in Ancramdale, N.Y. Handcrafted organic teas from Tea Forte in Concord, Mass. are featured daily. Baked goods and sandwich breads are from Hot Bread Kitchen, a Harlem-based non-profit artisan bakery. Soups and salads are made with fresh ingredients and always include a vegetarian option.

Every Friday, the Café will have full loaves of bread from Hot Bread Kitchen available for purchase to take home for the weekend. Try the Challah, Pecan Currant Raisin Bread, Sourdough Batard or New Yorker Rye.

Café hours are Monday through Friday, 8:00 a.m. to 6:00 p.m., with a spacious seating area available for guests. The Forum, like all buildings on the Manhattanville campus, has an open first floor available to the public.

(Over)



## Construction Progress Images



Phase 2 foundations site, looking northeast



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



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



Aerial view looking northeast

## Sustainable Partnerships







# 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.

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## Current Construction Activity

### The Forum

Occupants have moved in. Punch list, commissioning, and training continue.

### Phase 2 Foundations

The foundation contractor is currently performing the following: concrete on metal deck. The dewatering system is in operation.

### Columbia Business School

The Columbia Business School's two new facilities, The Ronald O. Perelman Center for Business Innovation and the Henry R. Kravis Building, are currently under construction above the Phase 2 Foundations project. Anticipated completion is set for December 2021. Steel erection is currently underway for the Henry R. Kravis Building.

### W. 132nd Street Demolition

The former Tuck-it-Away facility and adjacent former apartment complex on the corner of W. 132nd Street and Broadway are scheduled to be demolished by summer of 2019. The sites are currently undergoing installation of sidewalk bridges and scaffolding.

## Visit The Forum

Sit down and relax at The Forum. Free Wi-Fi is available at the building's ground floor and there is plenty of seating. Building hours are 8:00 a.m. to 8:00 p.m. Come check it out!



## Community News

### Columbia Hosts Community Events at its Manhattanville Campus on December 8



*The next Saturday Science at the Zuckerman Institute's Education Lab is scheduled for December 8 from 1:00 p.m. to 4:00 p.m. (Photo: Lou Rocco)*

Families and community members are invited to spend the day at Columbia University's Manhattanville campus on Saturday, December 8 from 11:00 a.m. until 6:00 p.m. for special events to learn about the brain, create art, and more. Several events will be taking place over the course of the day at the Jerome L. Greene Science Center, Lenfest Center for the Arts, and The Forum. All events are free and open to the public, but registration is recommended for some of them. The Café at The Forum will be open from 12:00 p.m. to 5:00 p.m. Read below for more information about the day's events.

### Saturday Science: Let's Move It

1:00 p.m. — 4:30 p.m. (Drop in anytime)

**Jerome L. Greene Science Center — Education Lab**  
609 West 129th St.

Come and be curious, play and learn how your brain tells your body to move at this interactive family event. Registration recommended but not required. Visit <https://zuckermaninstitute.columbia.edu/saturday-science> for more information.

*(Continued on page 3)*

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  - 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.
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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 2018 (April 1 to June 30), Columbia paid \$20,118,549 to MWL firms, representing 41 percent of total construction spend. \$10,466,503 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through June 30, 2018, Columbia paid \$269,045,294 to MWL firms, representing 42 percent of total construction spend, excluding the amount paid to the construction manager. \$137,382,961 of that figure was paid to local companies.

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In the second quarter 2018 (April 1 to June 30), the MWL construction workforce delivered 50,862 hours worked, representing 60 percent of the total workforce hours for the construction of the new Manhattanville campus. 4,241 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through June 30, 2018, the MWL construction workforce delivered 1,581,310 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 265,730 hours of that figure were performed by the local workforce.

## Jobs and Opportunities

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

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

## Volunteers Serve Local Seniors Pre-Thanksgiving Feast



Columbia University and other local volunteers served a pre-Thanksgiving feast to over 115 senior citizens from five different senior centers in the Manhattanville area at Riverside Church on Tuesday, November 20. More than 35 volunteers from Columbia, the West Harlem Development Corp, NYPD's 26th Precinct, Turner Construction, and Riverside Church joined in the festive lunch. The seniors left filled with good food, entertained, and with a decorative Thanksgiving gift bag. Volunteers were thankful for the opportunity to give back.

(Over)



## Columbia Hosts Community Events at its Manhattanville Campus on December 8 — continued from page 1

### Climate Matters: Building Literacy, Breaking Communication Barriers

11:00 a.m. — 4:30 p.m. (Presentations will start every half-hour with a break from 12:30 p.m. to 1:00 p.m.)

#### *The Forum*

West 125th St. and Broadway

Come hear about some of the hottest topics in climate, conveyed in plain language, by our Climate and Society M.A. students. Topics will include sea level rise, changes in hurricane behavior, understanding the wild fires raging in the western U.S., and the increasing weirdness of weather in our own part of the world.

### Posing Modernity: The Black Model from Manet to Matisse to Today

12:00 p.m. — 6:00 p.m.

#### *Lenfest Center for the Arts — Wallach Art Gallery*

615 West 129th St.

This exhibition explores the changing modes of representation of the black figure as central to the development of modern art. The models' interactions with and influences on painters, sculptors and photographers are highlighted through archival photographs, correspondence and films. Visit <http://bit.ly/PosModmty> for more information.

### Young Writers Present

12:30 p.m. — 4:30 p.m.

#### *Lenfest Center for the Arts — The Katharina Otto-Bernstein Screening Room*

615 West 129th St.

Local high school students from Double Discovery Center, Frank Sinatra School of the Arts, The High School of Fashion Industries, Project Morry, as well as Our Word, in the Columbia Artist/Teacher (CA/T) Program read their original work. **Please register for this event at <https://lenfest.arts.columbia.edu/events/young-writers-present>.**

### Family Day

1:00 p.m. — 3:00 p.m.

#### *Lenfest Center for the Arts — Wallach Art Gallery*

615 West 129th St.

An afternoon of fun and art-making just for families! Learn about the symbolism/secret language of flowers as you create oil pastel "paintings." Discover how a simple line can be used to create a portrait. Take turns being a model and an artist in this photo activity for pairs of friends or family members. Please visit <https://wallach.columbia.edu/family-programs> for more information.

### BioBus

1:00 p.m. — 4:00 p.m.

#### *Located outside The Forum*

West 125th St. and Broadway

Students discover the excitement of hands-on science aboard our Mobile Labs, equipped with state of the art microscopes and staffed by scientists. The bus will be parked outside of The Forum. Visit <http://www.biobus.org> for more information.

December 2018 Update

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## Community News

### Delta Dental Community Care Foundation Awards Grant to Support Mobile Dental Van Serving Children in Northern Manhattan and the Bronx



*Columbia University's dental van provides dental care to children in upper Manhattan and the Bronx. (Photo: Jorg Meyer)*

The Delta Dental Community Care Foundation awarded Columbia University College of Dental Medicine (CDM) a \$585,000 grant to purchase a new mobile dental clinic to serve children in Harlem, Washington Heights, Inwood, and the Bronx through the school's Community DentCare program.

The new van, replacing an outdated model, will help CDM improve access to dental care for underserved children, many of whom rely upon the clinic as their sole source of oral health care. It will also reach previously inaccessible sites, reduce costs, and upgrade the clinic with state-of-the-art equipment custom-designed for CDM. At present, DentCare's mobile clinic visits nearly 70 Head Start, daycare, and foster care facilities, providing over 3,000 dental visits per year, regardless of ability to pay.

Through six school-based clinics in underserved communities, DentCare provided approximately 26,000 dental visits in the last three years. The program also offers oral health screenings to the elderly at local community centers.

"As the largest provider of oral health care in our upper Manhattan communities, Columbia University relies on our mobile clinic to care for children most in need," said Christian S. Stohler, DMD, DrMedDent, dean of Columbia University College of Dental Medicine and senior vice president of Columbia University Irving Medical Center. "Delta Dental's generosity will help us improve our facilities as well as our reach. We are deeply grateful for their generosity."

"Our Foundation's mission is to increase access to quality dental care and we could not do so without dedicated partners such as Columbia University," said Karen Robinson, vice president of corporate affairs for Delta Dental and executive director of the Delta Dental Community Care Foundation. "Together, we can make a lasting impact to improve the health and enhance the lives of children and adults in New York."

The grant is one of 20 given in New York this year by the Delta Dental Community Care Foundation to help improve the oral health of disadvantaged children and adults by removing barriers to quality dental care. Since its inception in 2011, the Foundation has awarded more than \$2.5 million in grants to organizations throughout New York.

(Over)

## Construction Progress Images



Columbia Business School site, looking north



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



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



Aerial view looking northeast

## Sustainable Partnerships







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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.

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### Current Construction Activity

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Occupants have moved in. Punch list, commissioning, and training continue.

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The Columbia Business School's two new facilities, The Ronald O. Perelman Center for Business Innovation and the Henry R. Kravis Building, are currently under construction. Steel erection is currently underway for the Henry R. Kravis Building. In addition, concrete on metal deck installation is ongoing at level 1 and underground plumbing and vapor barrier installation is ongoing at the sub-cellar 3 level. The dewatering system is in operation.

#### W. 132nd Street Demolition

The former Tuck-it-Away facility and adjacent former apartment complex on the corner of W. 132nd Street and Broadway are scheduled for demolition by summer of 2019. The sites are currently undergoing installation of scaffolding. Asbestos abatement work is ongoing.

### Visit The Forum

Come relax or have a pop-up meeting at The Forum, enjoying free Wi-Fi and ample work space throughout the ground floor. Building hours are 8:00 a.m. to 8:00 p.m., seven days a week. Enjoy delicious soups, sandwiches, coffee and tea in The Café at The Forum, open Monday through Friday, 8:00 a.m.-6:00 p.m., featuring locally sourced ingredients and products.



### Community News

#### CU Grow Vendor Development Program Graduates Second Cohort of Minority, Women and Local Vendors



*Members of the second cohort of the CU Grow program at the graduation ceremony on December 10.*

[CU Grow: Vendor Development Program](#), a Facilities and Operations initiative designed to help minority-, women- and locally owned (MWL) vendors of the University grow their businesses, graduated its second cohort at an event this evening at Faculty House.

The 11 graduating businesses, which ranged from architecture firms, plumbers, environmental remediation experts, and more, were matched with an executive coach from a group of University administrators and partner organizations based on the specific needs of the business and the coach's areas of expertise. Over the course of the nine-month program, the coaches led the business owners through a curriculum developed by the Columbia University School of Professional Studies (SPS) designed to help vendors create a three-year growth plan, connect them with resources to gain specific knowledge and review their overall business plan.

In addition to the capacity building and coaching, there is a strong emphasis to build vendor relationships with purchasers at Columbia and with University affiliates and partners in an effort to identify more contracting opportunities. Program participants had the opportunity to participate in four procurement events with substantial opportunities from Columbia University and other businesses over the course of the nine-month program. Additionally, at each event, firms were able to network and participate in a Q&A with Columbia University Procurement officers.

*(Continued on page 3)*



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## Columbia University Donates New Printers to Local Organizations



*The Jackie Robinson Senior Center at the Grant Houses is one of the recipients of a new HP printer and warranty plan from Columbia University.*

Columbia University recently donated new HP all-in-one printers purchased with rewards points from HP's loyalty program to 32 organizations in Harlem and the surrounding community.

Collaborating with Central Purchasing's new Vice President of Purchasing, David Beaver, who identified the opportunity, the Facilities and Operations Construction Business Initiatives team identified and coordinated delivery to organizations in need of new printers, which included a school, recovery center, men's shelter, community centers, and senior centers. Each printer came with a complimentary three-year service plan.

(Over)

## CU Grow Vendor Development Program Graduates Second Cohort of Minority, Women and Local Vendors

### — continued from page 1

To be eligible for the program, vendors must be certified minority- or women-owned business enterprises, or be based in Upper Manhattan or the South Bronx, have annual revenue between \$250,000 and \$5 million, and be an existing vendor of the University or provide a product or service that is immediately needed at the University.

Vendors that graduated from the second cohort include:

- [A&J Consulting and Engineering Services, P.C.](#)
- [Aarris Atepa Architects, LLC](#)
- Absolute Plumbing and Heating Corp.
- [AR Construction](#)
- [G-Squared Electric, LLC](#)
- Kimco Group, Inc.
- [Lashay's Construction & Development Inc.](#)
- [S.A Barcia Inspections, LLC](#)
- TJ Signs & Designs, LLC
- [TygaBox Systems, Inc.](#)
- [Watson's Plumbing & Heating Building Services Inc.](#)

## Community News

### Free Course Auditing Available to Members of Upper Manhattan Community

*By Maggie Borrows, Office of Government and Community Affairs*

One of the Columbia programs available to members of the community as part of the benefits associated with the Manhattanville campus is free course auditing through the Columbia University School of Professional Studies. Providing access to lecture courses in a broad range of academic disciplines, auditing is an opportunity to be present in a classroom setting and engage intellectually with readings without being required to complete assignments, take examinations, or receive a grade.

Through the Manhattanville Course Auditing and Lifelong Learners Program, interested applicants pay no fees for the application or courses and can audit up to two courses per academic year. In order to participate, interested parties must fill out the online application and provide proof of residence such as a state-issued ID or a current utility bill. This program is open to residents of specific zip codes in Upper Manhattan and the Bronx who are not currently enrolled in higher education, with 50 spaces reserved specifically for residents of Grant and Manhattanville Houses. Because there are a limited number of spaces available and seats are filled on a first-come, first-served basis, applicants are encouraged to apply as soon as courses are posted.

Current Lifelong Learning auditor Marlene Taber was born in 1939 and lives in Inwood. She got involved with the program after hearing about it from a friend and has audited classes in English and music. She says the program has helped her become “more aware of the importance of technology in our lives,” as well as provided her with updates on the social and political values of the country. It has also allowed her to get involved with the Roma People’s Project, which is based at Columbia and works to expand Roma studies.

Another current Manhattanville auditor is Ernest Hernandez, who got involved with the program after discovering it on the School of Professional Studies website. Ernest is using the program to become involved with the campus community and get used to business school classes, prior to applying to the Columbia Business School in a few years. He is also auditing classes that he can apply to his current career in hotel management.

More information on Manhattanville Course Auditing is available through the [School of Professional Studies website](#), or by contacting [auditing@sps.columbia.edu](mailto:auditing@sps.columbia.edu) or 212-854-9666.

### Wallach Art Gallery Winter Events

Explore the Wallach Art Gallery's winter exhibition, *Posing Modernity: The Black Model from Manet and Matisse to Today*, and enjoy free programming!

#### *Wallach Sketch Session*

Saturday, January 12, 2:00 — 4:00 p.m.

Experiment with different drawing techniques as you take a closer look at works on view in *Posing Modernity*. Materials will be provided; no previous drawing experience required. All are welcome.

#### *Bordeaux, Forgotten Black Metropolis*

Saturday, January 26, 2:00 p.m.

Bordeaux may be known for its red wine and its historic architecture but before there was Black Paris there was Black Bordeaux. Beginning in the eighteenth century, Bordeaux was a site of migration, artisanal labor, and industrial expansion using enslaved and free black labor. Historian Lorelle Semley finds traces of these African and Caribbean women, men, and children in tattered documents, rare paintings, and in the very map of the city. Imagining this Black Bordeaux also allows us to rethink Black Paris and Black France beyond the music, art, and politics of the twentieth century. Registration is required. Please register for this event by contacting [wag\\_programs@columbia.edu](mailto:wag_programs@columbia.edu).

All events are free and open to the public, and will take place at the Wallach Gallery, located at 615 W. 129th Street. For more information, please visit [wallach.columbia.edu](http://wallach.columbia.edu).



Édouard Manet, Baudelaire's Mistress, Reclining (Portrait of Jeanne Duval), 1862. Museum of Fine Arts (Szépművészeti Múzeum), Budapest. Photo by Csanád Szesztay, © The Museum of Fine Arts Budapest/Scala / Art Resource, NY

Be sure to visit *Posing Modernity: The Black Model from Manet and Matisse to Today*, on display until February 10. The Wallach Art Gallery at the Lenfest Center for the Arts (615 W. 129th Street) is open Wednesday to Friday, noon to 8:00 p.m., and Saturday and Sunday, noon to 6:00 p.m.

(Over)



## Construction Progress Images



Columbia Business School site, looking northeast



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



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



Aerial view looking northeast

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## Last Chance to View *Posing Modernity*

Come see *Posing Modernity: The Black Model from Manet and Matisse to Today* before it closes on February 10! View the exhibit for free at the Wallach Art Gallery at 615 W. 129th Street, open Wednesday to Friday, noon to 8:00 p.m., and Saturday and Sunday, noon to 6:00 p.m.



Charles Alston, *Girl in a Red Dress*, 1934. Oil on canvas; 28 x 22 inches. Collection Dr. Harmon and Mrs. Harriet Kelley.

## Project News

### AIA New York Honors The Forum with Prestigious Architectural Merit Award



The Forum is a three-story, 56,000 square foot multipurpose venue for academic conferences and public forums. (Photo: ©Nic Lehoux)

[The Forum](#), the third new building to open at Columbia University's Manhattanville campus, was recognized with a [2019 Merit Award](#) in the Architecture category from AIA New York, the oldest and largest chapter of the American Institute of Architects.

The three-story, 56,000-square-foot Forum, which opened in September 2018, was designed by Renzo Piano Building Workshop, with Dattner Architects as executive architect and Caples Jefferson as associate architect.

The building, which serves as a gateway to the new [Manhattanville campus](#), features a 437-seat auditorium, a variety of meeting rooms and offices, and community programming at street level. Offices on the upper floors of The Forum are initially being used by two University-wide Columbia programs: Columbia World Projects, an initiative that aims to bring university research systematically out into the world in the form of projects that will help guide the way to solutions to intractable problems; and the Obama Foundation Scholars, a year-long academic and civic leadership program part of Columbia World Projects designed to strengthen the expertise and knowledge of individuals with a demonstrated ability to be transformative leaders in their communities, nations and the world.

(Continued on page 3)



## What to Expect

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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 third quarter 2018 (July 1 to September 30), Columbia paid \$9,614,045 to MWL firms, representing 44 percent of total construction spend. \$3,407,108 of that figure was paid to local companies.

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Cumulatively from August 1, 2008, through September 30, 2018, the MWL construction workforce delivered 1,614,422 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 267,229 hours of that figure were performed by the local workforce.

### February 2019 Update

## Jobs and Opportunities

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

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

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## Saturday Science at the Education Lab



Photo: Lou Rocco

Families and community groups are invited to explore the workings of the brain through hands-on activities and unique scientific resources at Saturday Science events. Activities and demonstrations are designed to be engaging, informative, and used as launching points for further exploration, reflection and discovery. Learners of all ages can join scientists in the Zuckerman Institute's Education Lab, located at 609 West 129th Street, for the events.

#### *Winter/Spring 2019 Schedule:*

February 9, 2019: [My Growing Brain](#)

March 9, 2019: Healthy Brain, Happy Brain

April 13, 2019: Mad Science

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Visit [zuckermaninstitute.columbia.edu/saturday-science](http://zuckermaninstitute.columbia.edu/saturday-science) for more information and to register to guarantee your attendance. Guests can arrive at any time between 1:00 p.m. and 4:00 p.m.

Saturday Science is free and open to the public.

(Over)



## AIA New York Honors The Forum with Prestigious Architectural Merit Award — continued from page 1



*The Forum's ground floor is open to the public and has free Wi-Fi. Building hours are 8:00 a.m. to 8:00 p.m., seven days a week. (Photo: ©Nic Lehoux)*

Like all new buildings on the Manhattanville campus, the transparent ground floor is designed to invite the community into the building. The Forum's street-level space intended for public use includes a café, ample public seating with free Wi-Fi, an information center, and an open area where Columbia's schools and divisions will offer programming.

The functions accommodated within The Forum dictate the building's architectural vocabulary. The opacity needed for the largest volume within the building, the auditorium, is expressed on the façade with a skin of prefabricated concrete with punched windows, whereas the offices, which require daylight, are expressed with a glazed façade. The visually transparent ground floor, also with a glazed façade, is both conceptually and physically open to the public. Mechanical systems are made visible on the roof, in keeping with the intention to show The Forum as a purpose-built machine.



*The exterior of The Forum was designed to accommodate the functions of the building — a prefabricated concrete skin provides opacity for its auditorium, and a glazed façade allows daylight to illuminate the office spaces. (Photo: ©Nic Lehoux)*

The Forum's honor is the second AIA New York award recognizing the Manhattanville campus. The Lenfest Center for the Arts previously received a [Merit Award in 2018](#).

A jury of independent architects, educators, critics, and planners convened at the Center for Architecture in early January to select the 27 winning projects of the [2019 AIA New York Design Awards](#). To qualify for an award, submitted projects had to be completed by AIANY members,

architects/designers practicing in New York, or be New York projects designed by architects/designers based elsewhere. Thirteen of the 27 winners are projects located in New York City.

The 27 selected projects and the architecture firms that designed them represent the exceptional work by AIA New York members and architects practicing in New York City in five categories: Architecture, Interiors, Projects, Urban Design and Sustainability. Each winning project was chosen for its design quality, response to its context and community, program resolution, innovation, thoughtfulness, and technique. Recipient projects will be on view at the Center for Architecture's [2019 AIANY Design Awards Exhibition](#), opening April 15, 2019. Winning projects will also be recognized at the [Honors and Awards Luncheon](#) on April 15, 2019, at Cipriani Wall Street.

Founded in 1857, AIA New York's members include over 5,000 practicing architects, allied professionals, students, and public members interested in architecture and design.

## Community News

### Columbia Emeritus Professors and School of Professional Studies Present Lecture on Playwright and Memoirist Lillian Hellman

In writing about playwright and memoirist Lillian Hellman, Columbia University professor Alice Kessler-Harris looks beyond the boundaries of Hellman's life. She presents Hellman as a fascinating and flawed woman who was also a lens through which we can study a whole series of events and trends of the 20th century. She tackled serious issues, writing of corruption, fascism and the power of money in her most famous plays — "The Children's Hour," "The Little Foxes" and "Watch on the Rhine." Hellman, who took courses at Columbia, was a self-made woman when that was a rarity. Kessler-Harris's book, *A Difficult Woman: The Challenging Life and Times of Lillian Hellman* (Bloomsbury Press), makes it clear how complicated she was.

The lecture is free and open to the public and will take place on **February 13 from 7:00 p.m. until 9:00 p.m.** in the MRHS Center at 100 LaSalle Street. **Register to attend at** <https://bit.ly/2TikpAM>.

### Amend the 13th: A Conversation about Ending Legalized Slavery in the United States and Abolishing the Prison System As We Know It

Amend the 13th is a national call for fresh thinking about criminal law and policy which places at its center the violence, degradation, trauma and dehumanization inflicted on communities that are targeted by our "criminal injustice system." Now is the time for those who believe in democratic justice and full citizenship for all Americans to demand that the 13th Amendment's Punishment Clause be removed from the U.S. Constitution.

Citizens Against Recidivism, Inc. and faculty and staff at Columbia University, in coalition with other organizations and individuals, have organized a panel discussion with experts to begin the conversation about this process for criminal justice change. The goal of the dialogue is to develop strategies that will increase public awareness, fuel public discourse, and build momentum to amend the 13th Amendment of the United States Constitution.

This event is free and open to the public and will take place on **February 22 from 1:00 p.m. until 3:00 p.m.** in The Forum Auditorium at 605 W. 125th Street. **Register to attend at** [gca.columbia.edu/amendthe13th](https://gca.columbia.edu/amendthe13th).

(Over)



## Construction Progress Images



Columbia Business School site, looking northeast



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



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



Aerial view looking northeast

## Sustainable Partnerships







# 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 Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

## Current Construction Activity

### The Forum

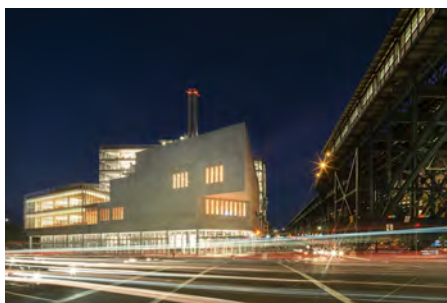
Occupants have moved in. Punch list, commissioning, and training continue.

### Columbia Business School

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

### W. 132nd Street Demolition

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



*The Forum was recognized with a 2019 MASTerworks Award from the Municipal Art Society of New York, its second prestigious recognition in the architecture community. (Photo: ©Nic Lehoux)*

## Columbia University Career and Resource Expo April 2



Save the date! A Columbia University Career and Resource Expo will be held on Tuesday, April 2 from 9:00 a.m. to 1:30 p.m. at The Forum, located at 605 West 125th Street. Explore careers, meet representatives from Columbia University, attend job preparedness training, and learn how to use Columbia University's employment website. Pre-register for the event at [cufo.columbia.edu/2019expo](https://cufo.columbia.edu/2019expo).

## Project News

### The Forum Wins Second Architectural Award

**The Forum** was recognized with a 2019 MASTerworks Award for "Best New Building" from the Municipal Art Society of New York (MAS).

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The MASTerworks Award is the second honor bestowed upon The Forum, following the [2019 AIA New York Merit Award](#) announced in January.

Selected each year by an esteemed jury, the MASTerworks Awards pay tribute to projects that make a significant contribution to New York City's built environment. From some of the city's most iconic buildings to its hidden gems, the list of past winners includes the New Lab, the Fulton Center, McCarren Pool, Brooklyn Bridge Park Boathouse, the High Bridge, and the Museum at Eldridge Street.

*(Continued on page 3)*



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## The Columbia Community Service Annual Coat, Clothing, and Toiletries Drive



The Columbia Community Service (CCS) 72nd Annual Appeal is seeking gently used coats and clothing to assist families in need. All donations will go to [Cathedral Community Cares](http://CathedralCommunityCares.org) as it works to combat and alleviate poverty through preventative services, education, and advocacy, targeting the issues of health and hunger. Cathedral Community Cares runs the Clothing Closet, which distributes used clothing for children, men, and women every Thursday. This year, CCS is also requesting travel size toiletries that will be used to create hygiene kits for homeless individuals.

This is an easy, convenient, and helpful way to support your neighbors. Please drop off your donations at The Forum Café lobby, located at 605 West 125th Street. Donations are accepted seven days a week from 8:00 a.m. to 8:00 p.m., until April 30.

(Over)

## The Forum Wins Second Architectural Award — continued from page 1



Offices on the upper floors of The Forum are initially being used by University-wide Columbia programs, while the transparent ground floor is designed to invite the community into the building. (Photo: ©Nic Lehoux)

Columbia will be accepting the Best New Building Award along with the other [2019 MASTerworks winners](#) at a ceremony at the Schomburg Center for Research in Black Culture in Harlem on March 28.

As a non-profit advocacy organization, Municipal Art Society of New York mobilizes diverse allies to focus on issues that affect New York City, from sidewalk to skyline. Through three core campaign areas, MAS protects New York's legacy spaces, encourages thoughtful planning and urban design, and fosters inclusive neighborhoods across the five boroughs.

## Community News

### Scholarship Applications Now Available For Little Lions Camp This Summer — Deadline March 14



Since 2009, Columbia University has offered a total of 250 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 for this summer. Winning applicants will receive a free two-week session between June 10 and August 2, 2019.

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. Applications for scholarships are available on the [WHDC website](#) at [westharlemdc.org](#) and are due to the WHDC by 5:00 p.m. on Thursday, March 14.

### Saturday Science at the Education Lab



The next Saturday Science at the Zuckerman Institute's Education Lab is scheduled for March 9 from 1:00 p.m. to 4:00 p.m. (Photo: Lou Rocco)

Families and community groups are invited to explore the workings of the brain through hands-on activities and unique scientific resources at Saturday Science events. Activities and demonstrations are designed to be engaging, informative, and used as launching points for further exploration, reflection and discovery. Learners of all ages can join scientists in the Zuckerman Institute's Education Lab, located at 609 West 129th Street, for the events.

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Visit [zuckermaninstitute.columbia.edu/saturday-science](#) for more information and to register to guarantee your attendance. Guests can arrive at any time between 1:00 p.m. and 4:00 p.m. Saturday Science is free and open to the public.

### Women, War & Peace II: New York Launch Event

In a year when women are mobilizing and running for office in unprecedented numbers, *Women, War & Peace II* uncovers the untold histories of those who have made it possible. The new [PBS series](#) reveals the transformative power of contemporary peacebuilders around the world and demonstrates how some of the biggest international stories of recent memory are shaped by women.

Join us on March 12 from 7:00 p.m. to 9:00 p.m. for a conversation with an all-female cast of directors and preview of scenes. This event will take place at The Forum Auditorium at 605 West 125th Street, and is free and open to the public. To register to attend, please contact [events@ei.columbia.edu](#).

(Over)



## Construction Progress Images



Columbia Business School site, looking north



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



The Forum, looking north (Photo credit: Frank Oudeman/  
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Aerial view looking northeast

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### Central Energy Plant Expansion

The Central Energy Plant, housed below the Jerome L. Greene Science Center and Lenfest Center for the Arts, is being expanded to provide supplemental heating and cooling to the Columbia Business School buildings and future sites. Activities underway are the rigging of the steam turbine chiller and boiler, along with its various loose parts. The rigging hole between the Jerome L. Greene Science Center and Lenfest Center for the Arts is expected to be waterproofed and closed up before the end of the month.

## Community News

### Columbia Hosts Community Events at its Manhattanville Campus on April 13



*Saturday Science at the Zuckerman Institute's Education Lab is one of several community events scheduled for April 13. (Photo: Lou Rocco)*

Families and community members are invited to spend the day at Columbia University's Manhattanville campus on Saturday, April 13 from 12:00 p.m. until 6:00 p.m. for special events to learn about the brain, watch movies, create art, and more. Several events will be taking place over the course of the day at the Jerome L. Greene Science Center, Lenfest Center for the Arts, and The Forum. All events are free and open to the public. Read below about the day's events. For more information and to register, please visit [manhattanville.columbia.edu/communityday2019](http://manhattanville.columbia.edu/communityday2019).

#### Saturday Science: Mad Science

1:00 p.m. — 4:00 p.m. (Drop in anytime)

#### *Jerome L. Greene Science Center — Education Lab*

609 West 129th St.

Saturday Science is a free monthly family event for learners of all ages to explore the workings of the brain through hands-on activities! This month's theme is *Mad Science* featuring tools and technology in science.

Come and be curious. Play, and learn about your brain and how it works. Hold a real brain, learn about the cells that are inside, create squishy brain cells that light up and operate a laboratory-grade microscope and virtual reality devices.

We have a mind to discover. Join Us!

*(Continued on page 3)*

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



*Columbia Community Scholars from Cohort VI (Pictured Left to Right: Melanie Edwards, Chris Pellettieri, Debra Ann Byrd, Debbie Meyer, Karioki Crosby)*

The Columbia Scholars 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. Applications for the Fall 2019 Scholar cohort are being accepted through April 25. For more information, visit the Government and Community Affairs website, [gca.columbia.edu/columbia-community-scholars-program](http://gca.columbia.edu/columbia-community-scholars-program).

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## Columbia Hosts Community Events at its Manhattanville Campus on April 13 — continued from page 1

### Mad Science Movie Day

12:00 p.m. — 5:00 p.m.

#### *Lenfest Center for the Arts — The Katharina Otto-Bernstein Screening Room*

615 West 129th St.

Columbia University School of the Arts presents a double movie feature of the story of a scatterbrained scientist who invents flying rubber (or “flubber”) that can do magical things.

Fans of classic films will want to check out Disney’s original *The Absent-Minded Professor* (1961) at 12:00 p.m. starring Fred McMurry. For a more contemporary take, we’ll also be screening the John Hughes-scripted remake, *Flubber* (1997), at 3:00 p.m., featuring Robin Williams. Junior film buffs can watch both movies to learn about changes in the films’ special *flubber effects*!

Please register for this event at <http://lenfest.arts.columbia.edu/madscience>.

### Lynette Wallworth's Virtual Reality (VR) and Augmented Reality (AR) Films, *Collisions* and *Awavena*

12:00 p.m. — 6:00 p.m. (Final showings at 5:40 p.m.)

#### *Lenfest Center for the Arts — Lobby*

615 West 129th St.



*Awavena*, a mixed-reality short film by Lynette Wallworth, tells the story of Hushahu, the first woman shaman of the Amazonian Yawanawa people.

The School of the Arts presents screenings of Australian filmmaker Lynette Wallworth's *Collisions* and *Awavena*.

Made at the invitation by Tashka Yawanawa, chief of the Yawanawa people, *Awavena* (18 minutes) uses VR and AR technologies to present Hushahu, the first woman shaman of the Yawanawa, and uses VR to show the visioning techniques of their society.

*Collisions* (15 minutes) is a VR story of Nyarri Morgan and the Martu people of the remote Western Australian Pilbara desert. Nyarri first came into contact with Western culture in the 1950's when he witnessed an atomic test with no context. Offering a vision of what Nyarri saw, the film also shares his perspective on the Martu way to care for the planet.

Viewing stations are first come, first served.

### Slime Time

1:00 p.m. — 4:00 p.m.

#### *The Forum — Ground Floor*

601 West 125th Street

Learn about the science behind the wellness benefits of the popular gooey concoction, hosted by the Wellness Center. Come make your own! Please register for this event at <https://bit.ly/2Famzwl>.

### Wallach Family Afternoon

1:00 p.m. — 4:00 p.m.

*Small Square (Located in front of the Lenfest Center for the Arts. Rain location is The Forum)*

615 West 129th Street

Discover what it means to be an artist. Families will explore working with artist tools to design and decorate tote bags.



The next Family Afternoon at the Wallach Gallery, which is free and open to the public, is scheduled for Saturday, April 13 from 1:00 p.m. to 4:00 p.m.

### Bonus

In addition to these events, learn about job opportunities and other information at tables on the ground floor of The Forum featuring The New York Public Library, NYCID, and the Census2020. The Café at The Forum, which serves coffee, tea, and pastries, will also be open from 11:30 a.m. to 4:30 p.m.

## Community News

### Featured Event at The Forum: Jazz and the Neuroscience of Decision Making



Left to right: Chris Washburne, Helen Sung, Michael Shadlen (Credit: Sirin Samman for Columbia University's Zuckerman Institute).

In this discussion, [Michael Shadlen, MD, PhD](#), Professor of Neuroscience and principal investigator at the Zuckerman Institute, [Chris Washburne, PhD](#), Director of the Louis Armstrong Jazz Performance Program and [Helen Sung](#), pianist, composer and Zuckerman Institute's first Jazz Artist-in-Residence, will discuss emerging concepts in neuroscience which begin to expose the biology of deliberation, decision-making and timing. They will demonstrate recordings from brain cells and live music in an interactive dialogue about jazz and neuroscience.

Join us on April 15 from 6:30 p.m. to 8:00 p.m. in a celebration of ideation, discovery and expression! This event is free and open to the public and will take place at The Forum located at 601 West 125th Street. Please register at <https://bit.ly/2HQSHlw>.

For more events at the Manhattanville Campus, please visit [events.columbia.edu](https://events.columbia.edu) and filter by “Manhattanville.”

(Over)



## Construction Progress Images



Columbia Business School site, looking north



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



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



Aerial view looking northeast

## Sustainable Partnerships





# 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 Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

## Current Construction Activity

### The Forum

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

### Columbia Business School

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

### W. 132nd Street Demolition

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

### Central Energy Plant Expansion

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

## Project News

### Columbia's Manhattanville Campus Wins Sustainable Construction Award



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

Columbia University's Manhattanville campus was honored with the [2019 Sustainable Construction Award](#) at the New York Build Expo that took place on March 12 at the Javits Center.

The award was received by Lendlease, the construction management firm on the project, in recognition of the sustainable construction techniques employed when building the Jerome L. Greene Science Center, Lenfest Center for the Arts and Central Energy Plant.

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

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

*(Continued on page 3)*



## What to Expect

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

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

## Community Amenities and Benefits

To access the Columbia University's [Community Services Website](http://manhattanville.columbia.edu), 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 2018 (October 1–December 31), Columbia paid \$12,345,611 to MWL firms, representing 36 percent of total construction spend. \$5,596,312 of that figure was paid to local companies.

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

#### *Construction Workforce*

In the fourth quarter 2018 (October 1–December 31), the MWL

construction workforce delivered 26,688 hours worked, representing 43 percent of the total workforce hours for the construction of the new Manhattanville campus. 1,720 hours of that figure were performed by the local workforce.

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

## Jobs and Opportunities

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

We are working with our construction partners Lendlease (for Phase 2 foundations/below-grade) and Turner Construction (for the Business School) to assist those interested in employment with construction firms currently working at Columbia. For more information, please visit the Manhattanville Employment Opportunities page at [manhattanville.columbia.edu/jobs-opportunities](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 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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## Columbia's Manhattanville Campus Wins Sustainable Construction Award — continued from page 1

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

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

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

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

## Community News

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



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

This summer Columbia University Facilities and Operations is offering a number of paid internships for high school students living in the local community (Northern Manhattan and South Bronx) looking to gain real work experience before graduation. Previous

work experience is a plus, but is not required.

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

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

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

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

By Columbia University Irving Medical Center



*Hundreds of job seekers attended the Columbia University Career Expo on April 2, which featured representatives from University schools and departments and recruiters from private companies. (Photo: Columbia University Human Resources)*

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

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

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

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

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

(Over)



## Construction Progress Images



Columbia Business School site, looking northeast



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



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



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## Sustainable Partnerships





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## Community News

### Columbia and Harlem Wellness Centers Form Partnership Creating Community Spaces around Wellness

By Nohemy Aguirre



Zumba instructor, Mary, from the Harlem Wellness Center with Zumba class attendees. (Photo: Columbia University Office of Government and Community Affairs)

Columbia University's [Wellness Center](#) serves as a hub for members of the community to take advantage of free point-of-care services like blood pressure and cholesterol screenings. Other services include an open referral system, as well as assistance in health insurance enrollment with the New York State of Health marketplace by certified application counselors. The Columbia Wellness Center is focused on becoming a community space where individuals from West Harlem and beyond can create and engage in positive experiences surrounding the topic of health and wellness.

To support this effort, the Columbia Wellness Center sought to develop partnerships and, in fall 2018, Center staff met with Vivian Williams-Kurutz, the founder and executive director of the Harlem Wellness Center and a Columbia Community Scholar. Around that same time, Williams-Kurutz spoke at the Columbia University's Community Scholars Dialogue on health and wellness, where she gave an empowering presentation on the health disparities African American women face in today's society.

*(Continued on page 3)*



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  - Refer to street signage for the west side of Broadway from 129th to 130th Streets — parking is allowed after 6:00 p.m. and on weekends.
  - Broadway sidewalk is open from West 129th to West 130th Street. The Broadway parking lane is a no parking zone.
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To learn more about employment opportunities at Columbia University, including for the Manhattanville campus, please visit [careers.columbia.edu](http://careers.columbia.edu).

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## Wallach Family Afternoon on June 22



How can art help us envision a better world? Join us at the Wallach Art Gallery on Saturday, June 22 from 1:00 p.m. to 3:00p.m. to explore artmaking and think about time, memory, and freedom with the gallery's new exhibition, *After the End: Timing Socialism in African Contemporary Art*. This event is free and open to the public and visitors of all ages are welcome to have an interactive experience with artmaking stations, storytelling, and in-gallery conversations with Wallach educators.

(Over)

## Columbia and Harlem Wellness Centers Form Partnership Creating Community Spaces around Wellness — continued from page 1

Williams-Kurutz is known for her creative approach toward community organizing and her enormous zeal toward facilitating public engagement in the Harlem wellness community. Shortly after the meeting, a partnership was formed that was beneficial to both organizations and, more importantly, to the West Harlem community.

The first collaboration was a free community chair exercise workshop, piggybacking off the Education Lab's Saturday Science theme, "Let's Move It," in December 2018. The goal was to design a recreational program that was suitable for all ages and focused on disseminating wellness information in an organic and effortless fashion. Williams-Kurutz, with a long history of yoga instruction, led five 20-minute chair exercise classes, where she guided more than 60 participants through a series of movements promoting strength, flexibility, and vitality.

Working off the success of the first event, and following a similar collaboration, Columbia University's Wellness Center hosted another complimentary wellness workshop for community residents to attend in March 2019. This time the workshop was led by Harlem Wellness Center's Zumba instructors, Mary and Marlene, who were successful in engaging everyone's participation. More than 55 visitors participated in five 20-minute Zumba sessions.

The Columbia Wellness Center and Harlem Wellness Center look forward to increasing opportunities for programming in the future. The partnership that has bloomed attests to the African proverb that goes, "Alone you can go fast, but together you can go far."

The Columbia Wellness Center is located on the ground floor of the Jerome L. Greene Science Center at 610 West 130th Street, and is open Monday to Friday from 9:00 a.m. to 5:00 p.m., and Saturday from 9:00 a.m. to 1:00 p.m.

## Community News

### Students Complete Mentorship Program under Guidance from Manhattanville Team



*Students and mentors from the 2018-19 Manhattanville Team, part of the ACE Mentorship program.*

Columbia's Manhattanville Development Group joined with its professional services partners to mentor a team of high school students as part of the Architecture, Construction, and Engineering (ACE) Mentorship program.

ACE is an after-school program that takes place over the course of the academic year, providing students with real-world exposure and

access to architecture, construction, and engineering industries. At the end of the program a city-wide competition is held, challenging teams to develop a simulated construction project and present their plans and models to the other teams.

This year's final presentation took place at the Real Estate Board of New York's offices in Midtown. Students on the Manhattanville team presented a theoretical 15-story dormitory for Columbia's Manhattanville Campus, if it were to be located in the space where the two new Columbia Business School buildings are being built.

The theoretical building was comprised of two public floors that include a laundry room, café, library, pool, and exercise room, and 13 residential floors. The project taught students how to calculate the structural loads for each floor and roof, and what mechanical and electrical services were required throughout the building.

The students were mentored by professionals at Columbia's Manhattanville Development Group, Turner Construction, Jaros Baum & Bolles, and Grimshaw Architects. This is the tenth year Columbia's Manhattanville Development Team has participated in the program.

### The Wallach Art Gallery Presents *After the End: Timing Socialism in Contemporary African Art*



*Filipe Branquinho, Jorge Macate, Padeiro (Jorge Macate, Baker), 2011. Courtesy the artist.*

The Wallach Art Gallery presents *After the End: Timing Socialism in Contemporary African Art*, a selection of works engaging with the history of African socialisms. It features artists looking at countries including Angola, Ethiopia, Guinea-Bissau and Mozambique. The exhibition is the first in North America to explore aesthetic responses to African socialisms and their aftermath.

Less than thirty years since independence from colonialism, the end of the Cold War brought down socialist governments and sparked a wave of upheaval among young African nations. The need to reimagine national narratives gave rise to a generation of artists that seek to make sense of the dramatic shifts witnessed by their countries.

Far from situating socialism within a fixed past, these artists complicate it through various constructions of time including nostalgia, repetition, historicism, contemporaneity and utopia. Their work investigates how temporality shapes new forms of politics, history, subjectivity and the turn to neoliberal global politics.

*After the End: Timing Socialism in Contemporary African Art* is free and open to the public, June 15 until October 13. The exhibit is located at the Wallach Art Gallery in the Lenfest Center for the Arts at 615 West 129th Street.

(Over)



## Construction Progress Images



Columbia Business School site, looking northeast



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



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



Aerial view looking northeast

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## Campus News

### Columbia World Projects Announces Next Cohort of Obama Foundation Scholars

By Columbia World Projects



*Twelve extraordinary individuals from around the world will conduct their ground-breaking work at Columbia University's Manhattanville campus.*

Columbia World Projects (CWP) has [announced](#) the second cohort of [Obama Foundation Scholars at Columbia University](#), 12 rising changemakers from around the world who will hold a year-long residency with CWP on campus for the 2019-2020 academic year.

The program's aim is to empower emerging leaders with a proven commitment to service with the tools they need to make their efforts more effective and have a deeper impact upon their return home. During their year at Columbia, scholars take part in professional workshops, audit courses, build networks on campus and around the city, and work with staff at Columbia World Projects to design and implement projects that use university research to create tangible solutions to real-world issues.

"This program captures the essence of why Columbia University is such an inspiring institution," said Columbia University President Lee C. Bollinger. "The Obama Foundation scholars already have dedicated their lives to civic-minded projects that are helping to address problems in different regions around the globe."

*(Continued on page 3)*



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### Minority, Women, and Local Businesses and Workforce

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

#### *Construction Contracting*

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

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

#### *Construction Workforce*

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

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

### July 2019 Update

## Jobs and Opportunities

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

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

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## Wallach Sketch Session on July 20



The next Wallach Sketch Session, which is free and open to the public, is scheduled for Saturday, July 20 from 2:00 p.m. to 4:00 p.m. Come join us at the Wallach Art Gallery and experiment with different drawing techniques as you take a closer look at works on view in "After the End: Timing Socialism in Contemporary African Art." Materials will be provided; no previous drawing experience required. All are welcome.

(Over)

## Columbia World Projects Announces Next Cohort of Obama Foundation Scholars — continued from page 1

"The academic year they will spend on campus is designed to strengthen their impact, individually and collectively — while the scholars' larger-than-life presence will enhance the experience of every member of our community. In just one short year, the Obama Foundation Scholars program has come to embody the essence of a global university located in New York City."

"The Obama Foundation Scholars program exemplifies the mission of Columbia World Projects: to address global challenges by more closely connecting the extraordinary work being done at universities with the world," said Nicholas Lemann, Director of Columbia World Projects. "We look forward to welcoming these twelve impressive leaders to campus in August, and to teaching them, and learning from them, during the next academic year."

The Obama Foundation Scholars program was launched in 2018, with the inaugural class of scholars recently completing their year on campus. Each scholar developed, with the guidance of Columbia and Obama Foundation staff, an action plan and approach that they are now taking back to their home regions to scale up their work and reinvest in their communities. In addition to the cohort at Columbia, another group of scholars participates in the program at the University of Chicago.

The 2019-2020 Columbia University Obama Foundation Scholars are:

- Ali Almutadha—Researcher, Mwatana for Human Rights, Yemen
- Edmond Byaruhanga Atto — Senior Software Engineer, Andela, Co-Founder Arvana, Uganda
- Kirsten Brosbøl — Former Minister of Environment and Member of Parliament, Denmark
- Mor Efrat — Director of the Occupied Palestinian Territories Department, Physicians for Human Rights—Israel, Israel
- Giselle Garcia Castro — Film Director and Producer, Cuba
- Natalia Herbst — Director for Community Organizations, National Youth Institute, Ministry of Health and Social Development, Argentina
- Ruth Kissam — Director of Operations, Papua New Guinea Tribal Foundation, Papua New Guinea
- Samira Koujok — Human Rights Researcher, Lebanon
- Peter Kwame — Co-founder and Programs Director, Hatua Network Organization, Kenya
- Wai Wai Nu — Founder and Executive Director, Women Peace Network, Founder, Yangon Youth Leadership Center, Myanmar
- Isaiah Owolabi — Co-founder and Project Director, HACEY Health Initiative, Nigeria
- Christian Vanizette — Co-founder, Makesense.org, France

## Community News

### "People and Places" Exhibit in The Forum Celebrates Resiliency of NYC Neighborhoods

Award-winning filmmaker Allan Holzman (Survivors of the Holocaust, Old Man River) has crafted a multi-screen montage of a myriad of neighborhoods from across New York City's five boroughs using videos created by Urban Design students at Columbia Graduate School of Architecture, Planning and Preservation (GSAPP).

The project — "People and Places" — is on view now until August 9 in the lobby of The Forum, open from 8:00 a.m. to 8:00 p.m., seven days a week. The installation, consisting of four 65-inch screens mounted in the building's glass-walled lobby, will enable pedestrians and visitors to become immersed in the life and history of the City.



*"People and Places" is a video installation (11 min.) presenting a panorama of the multi-dimensional worlds within New York City's five boroughs, on view in the lobby of The Forum until August 9.*

"People and Places" was guided by GSAPP professors, including Nans Voron, Cassim Shepard, and Kate Orff, the Director of Columbia's Urban Design Program, MacArthur Foundation Fellow and Principal of SCAPE.

The student videos which inspired the project explore the resilience of communities as they navigate the tensions of urban change, and how different proposals for neighborhoods and streets might foster healthy and sustainable living. The videos were created as part of a GSAPP class called "Reading New York Urbanisms," taught by Shepard and Voron, which introduces Urban Design students to New York City as a laboratory of historical and present-day experiments in shaping the urban environment. By arming students with the observational and representational tools to "read" how the city's multiple voices and actors influence its physical form and social experience, the class enables students to convey the dynamics of urban life. The installation celebrates the experience of the daily patterns, struggles, and pleasures of New Yorkers across the five boroughs of the City.

As a Peabody and two-time Emmy Award winning director-editor, Allan Holzman began multi-screen editing in 1999 with a fifteen-screen installation at Disney's Epcot Center when AT&T explored concept of "shopping on the Internet." He has since continued his love for multi-screen editing, adding to his repertoire installations for Xerox and Sirius Radio, and at Universal's famed theme park rides, Twister and Titanic. Allan explains his fascination with the dynamic form of multi-screen editing: "Relationships and information evolve at hyper speeds." In a multi-screen environment, "...moments become montages... transitions become movement. When I saw the heartfelt, insightful work generated by the GSAPP Urban Design students, I wanted to work with the media they created about a city that I love."

Through the students' eyes and a meticulous editorial process, Holzman grasped the multiple facets that make up the experience of community life in the five boroughs, with an emphasis on movement, color, people, architecture and infrastructure, celebrating the cinematic expressions of life in New York City.

(Over)



## Construction Progress Images



Columbia Business School site, looking north



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



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



Aerial view looking northeast

## Sustainable Partnerships







# 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 Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

## Current Construction Activity

### The Forum

Occupants have moved in. Punch list continues.

### Columbia Business School

The Columbia Business School's two new facilities, The Ronald O. Perelman Center for Business Innovation and the Henry R. Kravis Building, are currently under construction. Steel erection is in progress for both buildings and concrete on metal deck installation is ongoing. Curtain wall panels, supports, anchors, stairs installation and spray on fireproofing is in progress. Wall layout and shift wall installation is underway. Concrete slab on grade and vapor barrier installation is ongoing at the sub-cellar 3 level. Concrete Masonry Unit (CMU) wall installation is occurring at sub-cellar 1 and 3 levels.

### West 132nd Street Demolition

The former Tuck-it-Away facility and adjacent building at 602 W. 132nd Street at West 132nd Street and Broadway started demolition the week of July 22.

### Central Energy Plant Expansion

The Central Energy Plant, housed below the Jerome L. Greene Science Center and Lenfest Center for the Arts, is being expanded to provide supplemental heating and cooling to the Columbia Business School buildings. Ongoing activities include piping and ductwork installation; assembly of the boiler, chiller, and cooling tower; and off-site testing of emergency generators.

## Community News

### Pre-Apprenticeship Program Puts Upper Manhattan Residents on a Path to Success in Growing Construction Industry



*Graduates of the new pre-apprenticeship program pose outside Uris Hall*  
A new pre-apprenticeship program exclusively for minorities, women and Upper Manhattan residents has launched, opening doors through training and a direct feed to apply for union apprenticeship opportunities in New York City's burgeoning construction industry.

The new program in West Harlem is one of many that Pathways to Apprenticeship (P2A) operates across the city to help people from low-income communities gain access to union construction apprenticeships. New York City Small Business Services (SBS) provides financial support, with the West Harlem Development Corporation (WHDC) providing additional funding as well as training space at its West Harlem Skills Training Center. Columbia University provides interview space and outreach support, as well as hosting the graduation ceremonies.

The five-week, full-time pre-apprenticeship program for Upper Manhattan certifies participants with the key skills and required safety trainings needed to qualify for an apprenticeship opportunity with local construction unions, setting them on a career path toward stable jobs with good benefits. Of the first cohort, 23 students graduated June 17 at a ceremony hosted by Columbia University. The partner organizations are planning another cohort for October 2019.

*(Continued on page 3)*



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Cumulatively from August 1, 2008, through March 31, 2019, Columbia paid \$298,321,268 to MWL firms, representing 41 percent of total construction spend, excluding the amount paid to the construction manager. \$142,150,244 of that figure was paid to local companies.

#### *Construction Workforce*

In the first quarter 2019 (January 1–March 31), the MWL construction workforce delivered 36,991 hours worked, representing 39 percent of the total workforce hours for the construction of the new Manhattanville campus. 2,420 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through March 31, 2019, the MWL construction workforce delivered 1,696,026 hours worked, representing 49 percent of the total workforce hours for the

construction of the new Manhattanville campus. 274,070 hours of that figure were performed by the local workforce.

## Jobs and Opportunities

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(Over)

## Pre-Apprenticeship Program Puts Upper Manhattan Residents on a Path to Success in Growing Construction Industry – continued from page 1

“Pathways to Apprenticeship is honored to work with such great partners in the community of Harlem,” said P2A Executive Director Lavon Chambers. “Together we will be creating pathways into the middle class. Our graduates will embark on a union career that will help them financially sustain themselves and their families.”

“None of this would be possible without our union building trade affiliates and union contractors sharing our vision. We will continue to serve Harlem and create opportunities for those who enter into the building trades,” continued Chambers.

As the first Upper Manhattan cohort completed the program, P2A has scheduled interviews with local construction unions so the newly minted graduates can apply for available apprenticeships. P2A tracks construction apprenticeship openings with unions citywide, and has established a network of peer mentors who provide graduates with résumé assistance, interview coaching, and aptitude test preparation.

Columbia has also helped establish key relationships between the participants and the University’s construction management firm for the new Business School, Turner Construction Corp., to help candidates apply to related apprenticeships with area unions that may be available, including on Columbia’s new Manhattanville campus development in West Harlem.

As New York City continues to add construction jobs in record numbers, with the highest annual total to date of 158,000 jobs in 2018 ([source](#)), new doors to opportunities across the region will continue to open.

“We are gratified by the successful collaboration among Columbia University, Pathways to Apprenticeship, Small Business Services, and West Harlem Development Corporation,” said Dr. Kofi A. Boateng, WHDC Executive Director. “Together, we are achieving outcomes that have the potential to catapult disconnected members of our community into middle-class livelihood. It is simply exciting!”

For Columbia, contributing to the pre-apprenticeship program is just one key element of the University’s overall package of commitments to the local community, which includes support for housing, healthcare, education, and employment.

“Skills development programs like this one are vital to empowering our neighbors,” said Christine Salto, Assistant Director of Compliance for Construction Business Initiatives. “We are pleased to be able to join Pathways to Apprenticeship, the West Harlem Development Corporation, and the City to help neighbors in Upper Manhattan succeed, and aim to continue to expand the skills trainings and professional development offerings we support.”

For those interested in the program, please email [info@p2atrades.org](mailto:info@p2atrades.org).

## Community News

### STEM Starters – Weekend science workshops for middle and high school students

STEM Starters is an outreach program run by Columbia University graduate students who are passionate about teaching kids science, technology, engineering and math (STEM). Every month, middle and high school students are invited to join an afternoon of experiments in different fields of science.

We want to inspire everyone’s inner scientist by showing that science is all around us and that exploring the world through STEM is really fun! From demonstrating how electronic circuits work to exploring animal behavior, we encourage students to engage scientifically with their world.

STEM Starters takes place at the Zuckerman Institute’s Education Lab, located at 609 West 129th Street on select Saturdays throughout the school year, 1:00 p.m. to 3:00 p.m. (unless noted otherwise).



*Students learning about electronics at a recent STEM Starters workshop. (Photo: Columbia University Zuckerman Institute)*

*Mark your calendars for the fall 2019 schedule:*

September 21

October 19

November 9

STEM Starters is open to middle and high school students. Registration required. Adults are welcome to accompany children and stay for the session. For more information, please contact [STEMstartersCU@gmail.com](mailto:STEMstartersCU@gmail.com).

### “Saturday Science” Events Return to the Education Lab



*The next Saturday Science at the Zuckerman Institute’s Education Lab is scheduled for September 28 from 1:00 p.m. to 4:00 p.m. (Photo: Paula Croxson for Columbia’s Zuckerman Institute)*

Families and community groups are invited to explore the workings of the brain through hands-on activities and unique scientific resources at Saturday Science events. Activities and demonstrations are designed to be engaging, informative, and used as launching points for further exploration, reflection and discovery. Learners of all ages can join scientists in the Zuckerman Institute’s Education Lab, located at 609 West 129th Street, for the events.

Saturday Science events are held monthly through the school year. Themes and materials change monthly to incorporate the wide ranging topics in neuroscience and the latest discoveries coming from Zuckerman Institute labs. Students attending Saturday Science events receive a passport and are encouraged to collect stamps for participation in events throughout the year.

*Fall 2019 Schedule:*

September 28: [Your Amazing Brain](#)

October 26: [Making Sense](#)

November 16: [Do You Remember?](#)

December 7: [Making Choices](#)

Visit [zuckermaninstitute.columbia.edu/saturday-science](http://zuckermaninstitute.columbia.edu/saturday-science) for more information and to register to guarantee your attendance. Guests can arrive at any time between 1:00 p.m. and 4:00 p.m. Saturday Science is free and open to the public.

(Over)



## Construction Progress Images



Columbia Business School site, looking north



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



The Forum, looking north (Photo credit: Frank Oudeman/  
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Aerial view looking northeast

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## Coming Soon

Coming in October, there will be changes to the Growing Together newsletter, which include a newly designed e-newsletter and complementary print version. Stay tuned for more details!

## Project News

### Topping Out Ceremony Held for New Columbia Business School Building



*The ceremony recognized the construction team's hard work and commitment to site safety. (Photo: Eileen Barroso)*

Columbia University celebrated the Ronald O. Perelman Center for Business Innovation reaching its pinnacle height at a topping out ceremony in early September. After remarks from key project leaders, the final beam was hoisted to the top, completing structural steel erection for the building. The Kravis Building, the second Columbia Business School building located at the western site, topped out in early August. Both new buildings are anticipated to be complete by January 2022.

(Over)



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## Last Chance to View *After the End: Timing Socialism in Contemporary African Art*



*Filipe Branquinho, Jorge Macate, Padeiro (Jorge Macate, Baker), 2011. Courtesy the artist.*

Come see *After the End: Timing Socialism in Contemporary African Art* before it closes on October 6! View the exhibit for free at the Wallach Art Gallery at 615 W. 129th Street, open Wednesday to Friday, noon to 8:00 p.m., and Saturday and Sunday, noon to 6:00 p.m.

(Over)

## Community News

### BioBus: Science After-School Hour at the Zuckerman Institute



What better way to spend a Friday afternoon than using lab-grade microscopes and learning about science!? On Friday, September 20 from 4:00 p.m. to 7:00 p.m., BioBus will open the doors, put out the samples, and let you become the scientist at this after-school science event in the Harlem BioBase.

Students, families, and neighbors are welcome to join us in scientific exploration. We'll hear neuroscientist Dr. Bianca Jones Marlin discuss her research on the science of love and you'll be able to operate multiple types of microscopes in one fun-filled event.

Visit BioBase Harlem in Columbia's Zuckerman Institute at 605 West 129th Street for an evening of science exploration. Register for free at [bit.ly/2koaRZ1](http://bit.ly/2koaRZ1).

### STEM Starters: Physics Workshop for Middle and High School Students on September 21



*Students learning about electronics at a recent STEM Starters workshop. (Photo: Columbia University Zuckerman Institute)*

STEM Starters is an outreach program run by Columbia University graduate students who are passionate about teaching kids science, technology, engineering and math (STEM).

Join us on Saturday, September 21 from 1:00 p.m. to 3:00 p.m. for a free physics-themed workshop for local middle- and high-schoolers led by Columbia University scientists and students. We want to inspire everyone's inner scientist by showing that science is all around us and that exploring the world through STEM is really fun!

STEM Starters is intended for middle and high school students and takes place at the Zuckerman Institute's Education Lab, located at 609 West 129th Street. This event is free, but registration is required. Please reserve one ticket per attending student at [bit.ly/2k4izam](http://bit.ly/2k4izam).

September 2019 Update

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### Lenfest Kids: H2O presents Free Movie Screening of *Inside Out*



For a fun look into the brain, Columbia's School of the Arts presents a free screening of *Inside Out*, a film set in the mind of a young girl named Riley. This Oscar-winning animated film follows five personified emotions – Joy, Sadness, Anger, Fear, and Disgust – as they help Riley adjust to her changing life. *Inside Out* was developed in consultation with neuroscientists and psychologists at UC Berkeley and San Francisco.

*Inside Out* will be screened on Saturday, September 28 at 11:00 a.m. and 3:00 p.m. at the Katharina Otto-Bernstein Screening Room in Lenfest Center for the Arts. To register for a viewing, please visit [bit.ly/2k7tL6c](http://bit.ly/2k7tL6c).

### Lamont-Doherty Earth Observatory Open House October 5



*Lamont-Doherty's open house teaches visitors how the planet works through hands-on activities and experiments. (Photo: Kyu Lee)*

On October 5 from 10:00 a.m. to 4:00 p.m., 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. Tour a lab, participate in hands-on earth science demonstrations, and learn from world-renowned researchers about their latest discoveries. 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.

(Over)



## Construction Progress Images



Columbia Business School site, looking northeast



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



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



Aerial view looking northeast

## Sustainable Partnerships





# 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 8, 2018 and October 15, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist, commissioning incomplete items

#### *Phase 2 Foundations*

- Steel erection and metal deck installation at east half of site (Site 6B)
- Installation of underground plumbing

#### *W. 132nd Street Demolition Prep*

- Sidewalk repair
- Construction fence building and repair
- Disconnection of water and sewer services to buildings scheduled for demolition
- Installation of sidewalk bridge and scaffolding

### 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

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

*(Over)*



## Construction Update

Weeks of October 8, 2018 and October 15, 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 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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### Sustainable Partnerships



 COLUMBIA UNIVERSITY  
Facilities and Operations



# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: October 15, 2018 and October 22, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist, commissioning incomplete items

#### *Phase 2 Foundations*

- Steel erection and metal deck installation at east half of site (Site 6B)
- Installation of underground plumbing

#### *W. 132nd Street Demolition Prep*

- Sidewalk repair
- Construction fence building and repair
- Disconnection of water and sewer services to buildings scheduled for demolition
- Installation of sidewalk bridge and scaffolding

### 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
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*(Over)*



## Construction Update

Weeks of October 15, 2018 and October 22, 2018

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 COLUMBIA UNIVERSITY  
Facilities and Operations



# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: October 22, 2018 and October 29, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist, commissioning incomplete items

#### *Phase 2 Foundations*

- Steel erection and metal deck installation at east half of site (Site 6B)
- Installation of underground plumbing

#### *W. 132nd Street Demolition Prep*

- Sidewalk repair
- Construction fence building and repair
- Installation of sidewalk bridge and scaffolding

### 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

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*(Over)*



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## Sustainable Partnerships





# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: October 29, 2018 and November 5, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Phase 2 Foundations*

- Steel erection and metal deck installation at east half of site (Site 6B)
- Installation of underground plumbing
- Installation of reinforced concrete floors at east half of site (Site 6B)

#### *W. 132nd Street Demolition Prep*

- Installation of sidewalk bridge and scaffolding

### 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
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*(Over)*



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## Sustainable Partnerships





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Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: November 5, 2018 and November 12, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Phase 2 Foundations*

- Steel erection and metal deck installation at east half of site (Site 6B)
- Installation of underground plumbing
- Construction of reinforced concrete floors at east half of site (Site 6B)

#### *W. 132nd Street Demolition Prep*

- Installation of sidewalk bridge and scaffolding
- Asbestos abatement at buildings scheduled for future demolition

### 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
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*(Over)*



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## Construction Activities for the Weeks of: November 12, 2018 and November 19, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection
- Installation of underground plumbing
- Construction of reinforced concrete floors at east half of site (Site 6B)

#### *W. 132nd Street Demolition Prep*

- Installation of sidewalk bridge, scaffolding and construction fence
- Asbestos abatement at buildings scheduled for future demolition

### 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

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*(Over)*



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## Sustainable Partnerships





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Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: November 19, 2018 and November 26, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection
- Installation of underground plumbing
- Construction of reinforced concrete floors at east half of site (Site 6B)

#### *W. 132nd Street Demolition Prep*

- Installation of sidewalk bridge, scaffolding and construction fence
- Asbestos abatement at buildings scheduled for future demolition

### 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

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*(Over)*



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## Sustainable Partnerships





# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: November 26, 2018 and December 3, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection
- Installation of underground plumbing
- Construction of reinforced concrete floors at east half of site (Site 6B)
- Level 2 decking installation

#### *W. 132nd Street Demolition Prep*

- Installation of sidewalk bridge, scaffolding and construction fence
- Asbestos abatement at buildings scheduled for future demolition

### 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

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*(Over)*



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## Sustainable Partnerships





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## Construction Activities for the Weeks of: December 3, 2018 and December 10, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection up to level 3
- Installation of underground plumbing
- Construction of reinforced concrete floors at east half of site (Site 6B)
- Level 2 decking installation

#### *W. 132nd Street Demolition Prep*

- Installation of scaffolding and construction fence
- Asbestos abatement at buildings scheduled for future demolition

### 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

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*(Over)*



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## Construction Activities for the Weeks of: December 10, 2018 and December 17, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection up to level 4
- Installation of underground plumbing at sub-cellar 3 level is ongoing
- Construction of reinforced concrete floors at east half of site (Site 6B)
- Levels 2 and 3 decking installation
- Gate modification on 12th Avenue between 130th and 131st streets

#### *W. 132nd Street Demolition Prep*

- Installation of scaffolding and construction fence
- Asbestos abatement at buildings scheduled for future demolition

### 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

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

*(Over)*



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## Sustainable Partnerships





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Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: December 17, 2018 and December 24, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection up to level 5 at the west half of the site (Site 7)
- Levels 2 and 3 decking installation at the west half of the site (Site 7)
- Hoist pad installation at the west half of the site (Site 7) on W. 131st Street
- Installation of underground plumbing at sub-cellar 3 level is ongoing
- Construction of reinforced concrete floors on level 1 at east half of site (Site 6B)
- Gate modification on 12th Avenue between 130th and 131st streets

#### *W. 132nd Street Demolition Prep*

- Installation of scaffolding and construction fence
- Asbestos abatement at buildings scheduled for future demolition

### 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

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

*(Over)*



## Construction Update

Weeks of December 17, 2018 and December 24, 2018

### Neighboring construction projects not related to Columbia

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 COLUMBIA UNIVERSITY  
Facilities and Operations



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## Construction Activities for the Weeks of: December 24, 2018 and December 31, 2018

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection up to level 5 at the west half of the site (Site 7)
- Level 4 decking installation at the west half of the site (Site 7)
- Hoist pad installation at the west half of the site (Site 7) on W. 131st Street
- Installation of underground plumbing at sub-cellar 3 level is ongoing
- Construction of reinforced concrete floors on level 1 at east half of site (Site 6B)
- Gate modification on 12th Avenue between 130th and 131st streets

#### *W. 132nd Street Demolition Prep*

- Installation of scaffolding and construction fence
- Asbestos abatement at buildings scheduled for future demolition

### 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

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

*(Over)*



## Neighboring construction projects not related to Columbia

- 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





# 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 31, 2018 and January 7, 2019

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection up to level 5 at the west half of the site (Site 7)
- Level 4 decking installation at the west half of the site (Site 7)
- Hoist pad installation at the west half of the site (Site 7) on W. 131st Street
- Installation of underground plumbing at sub-cellar 3 level is ongoing
- Construction of reinforced concrete floors on level 1 at east half of site (Site 6B)
- Gate modification on 12th Avenue between 130th and 131st streets
- Vapor barrier installation at sub-cellar 3 level

#### *W. 132nd Street Demolition Prep*

- Installation of scaffolding
- Asbestos abatement at buildings scheduled for future demolition

### 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

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

*(Over)*



## 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

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## Construction Activities for the Weeks of: January 7, 2019 and January 14, 2019

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection up to level 5 at the west half of the site (Site 7)
- Level 4 decking installation at the west half of the site (Site 7)
- Hoist pad installation at the west half of the site (Site 7) on W. 131st Street
- Installation of underground plumbing at sub-cellar 3 level is ongoing
- Construction of reinforced concrete floors on level 1 at east half of site (Site 6B)
- Gate modification on 12th Avenue between 130th and 131st streets
- Vapor barrier installation at sub-cellar 3 level
- Spray on fireproofing of structural steel

#### *W. 132nd Street Demolition Prep*

- Installation of scaffolding
- Asbestos abatement at buildings scheduled for future demolition

### 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

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

*(Over)*



## Construction Update

*Weeks of January 7, 2019 and January 14, 2019*

### Neighboring construction projects not related to Columbia

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### Sustainable Partnerships



 COLUMBIA UNIVERSITY  
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: January 14, 2019 and January 21, 2019

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection up to level 5 and metal decking at the west half of the site (Site 7)
- Fire egress stair deliveries
- Completion of hoist/testing
- Installation of underground plumbing at sub-cellar 3 level is ongoing
- Construction of reinforced concrete floors on level 1 at east half of site (Site 6B)
- Gate modification on 12th Avenue between 130th and 131st streets
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level

#### *W. 132nd Street Demolition Prep*

- Installation of scaffolding
- Asbestos abatement at buildings scheduled for future demolition

### 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

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

*(Over)*



## Construction Update

Weeks of January 14, 2019 and January 21, 2019

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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 21, 2019 and January 28, 2019

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection up to level 6 and 7, and metal decking at the west half of the site (Site 7)
- Fire egress stair deliveries ongoing
- Completion of hoist installation/testing. Loading dock construction in progress.
- Installation of underground plumbing at sub-cellar 3 level is ongoing
- Construction of reinforced concrete floors on level 1 at east half of site (Site 6B)
- Gate modification on 12th Avenue between 130th and 131st streets
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Installation of electrical conduit at sub-cellar 4 level

#### *W. 132nd Street Demolition Prep*

- Installation of scaffolding
- Asbestos abatement at buildings scheduled for future demolition

### 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

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*(Over)*



## Construction Update

Weeks of January 21, 2019 and January 28, 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: January 28, 2019 and February 4, 2019

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection up to level 6 and 7, and metal decking is up to level 5 at the west half of the site (Site 7)
- Fire egress stair deliveries
- Completion of hoist installation
- Loading dock construction
- Installation of underground plumbing at sub-cellar 3 level
- Construction of reinforced concrete floors on level 1 at east half of site (Site 6B)
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Installation of electrical conduit at sub-cellar 4 level

#### *W. 132nd Street Demolition Prep*

- Installation of scaffolding

### 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

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

*(Over)*



## Construction Update

Weeks of January 28, 2019 and February 4, 2019

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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: February 4, 2019 and February 11, 2019

### What is happening

#### *The Forum*

- Painting
- Punchlist

#### *Columbia Business School*

- Steel erection up to level 7, and metal decking is up to level 6 at the west half of the site (Site 7)
- Fire egress stair deliveries
- Completion of hoist installation
- Loading dock construction
- Installation of underground plumbing at sub-cellar 3 level
- Construction of reinforced concrete floors on level 1 at east half of site (Site 6B)
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Installation of electrical conduit at sub-cellar 4 level

#### *W. 132nd Street Demolition Prep*

- Installation of scaffolding

### 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

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

*(Over)*



## Construction Update

Weeks of February 4, 2019 and February 11, 2019

### Neighboring construction projects not related to Columbia

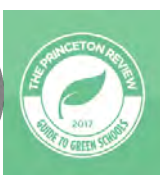
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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: February 11, 2019 and February 18, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

- Steel erection up to level 7, and metal decking is up to level 6 at the west half of the site (Site 7)
- Fire egress stair deliveries
- Network stairs installation up to fifth floor
- Completion of hoist installation
- Loading dock construction
- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level

### 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

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

*(Over)*



## Construction Update

Weeks of February 11, 2019 and February 18, 2019

### Neighboring construction projects not related to Columbia

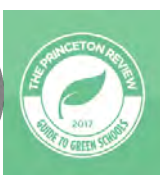
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# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: February 18, 2019 and February 25, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

- Steel erection and metal decking is up to level 7 at the west half of the site (Site 7)
- Fire egress stair deliveries
- Network stairs installation up to fifth floor
- Completion of hoist installation
- Loading dock construction
- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level

### 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

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

*(Over)*



## Construction Update

Weeks of February 18, 2019 and February 25, 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: February 25, 2019 and March 4, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

- Steel erection and metal decking is up to level 7 at the west half of the site (Site 7)
- Concrete pour on the second and third floors
- Fire egress stair deliveries
- Network stairs installation up to the sixth floor
- Completion of hoist installation
- Loading dock construction
- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Start of steel erection at the east half of the site (Site 6B)

### 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

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

*(Over)*

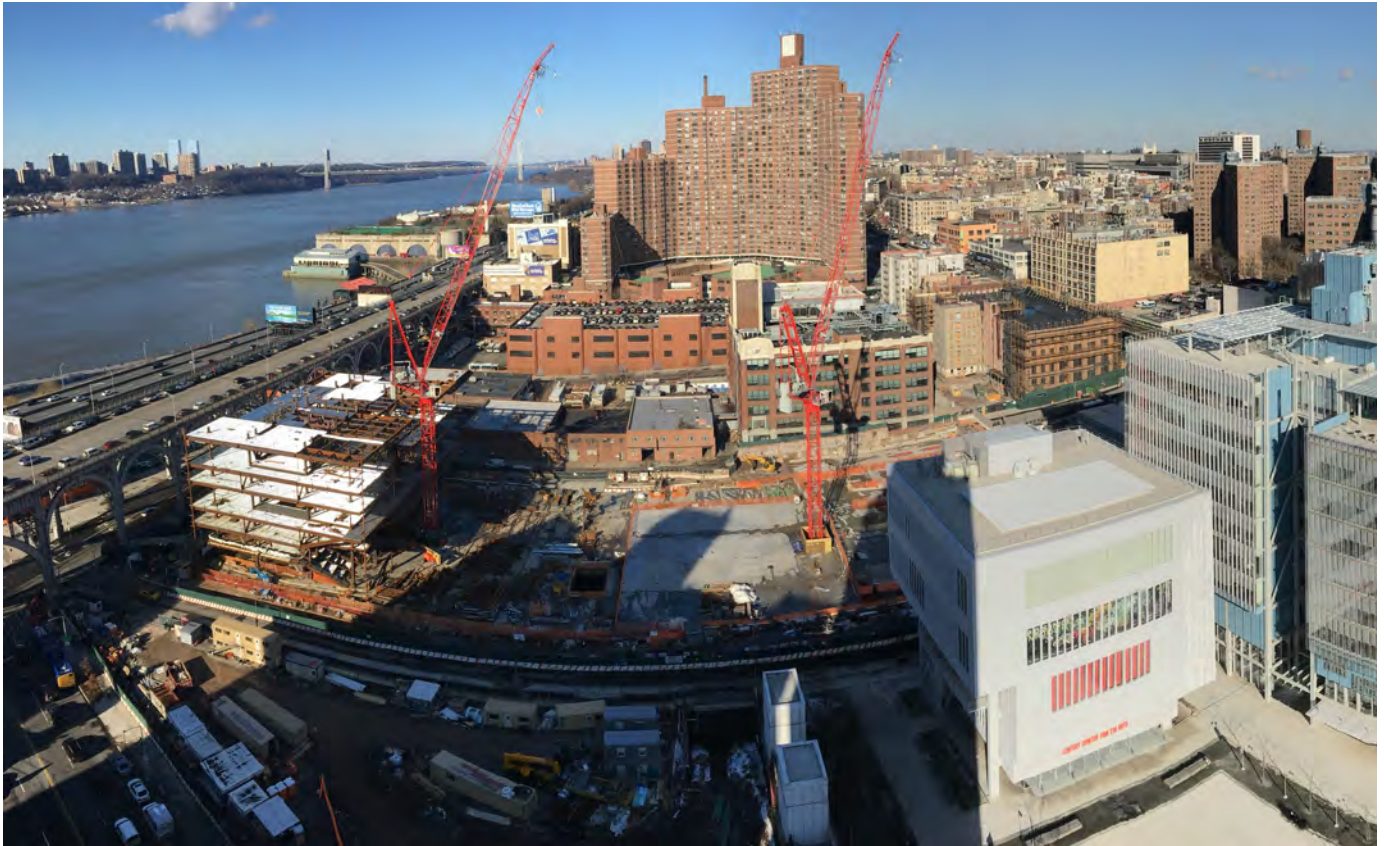


## Construction Update

Weeks of February 25, 2019 and March 4, 2019

### 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: March 4, 2019 and March 11, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

- Steel erection is up to level 9 and metal decking is up to level 7 at the west half of the site (Site 7)
- Tier 1 column erection at the east half of the site (Site 6B)
- Concrete pour on the second and third floors
- Fire egress stair deliveries
- Network stairs installation up to the sixth floor
- Completion of hoist installation
- Loading dock construction
- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Spray on fire proofing of structural steel at sub-cellar 1 and sub-cellar 3 levels

### 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

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

*(Over)*



## Construction Update

*Weeks of March 4, 2019 and March 11, 2019*

### Neighboring construction projects not related to Columbia

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# Manhattanville in West Harlem Campus Plan

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## Construction Activities for the Weeks of: March 11, 2019 and March 18, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

- Steel erection is up to level 9 and metal decking is up to level 7 at the west half of the site (Site 7)
- Steel erection is up to level 2 at the east half of the site (Site 6B)
- Concrete pour on the second and third floors
- Fire egress stair deliveries
- Network stairs installation up to the sixth floor
- Completion of hoist installation
- Loading dock construction
- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Spray on fire proofing of structural steel at sub-cellar 1 and sub-cellar 3 levels

### 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

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

*(Over)*



## Construction Update

Weeks of March 11, 2019 and March 18, 2019

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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: March 18, 2019 and March 25, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 9
- Metal decking is up to level 7
- Concrete installed on the second and third floors
- Network stairs installed up to level 6
- Fire egress stairs installed up to level 4
- Completion of hoist installation

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 3
- Metal decking is up to level 2

##### *Below Grade Activity*

- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Spray on fire proofing of structural steel at sub-cellar 1 and sub-cellar 3 levels
- Installation of electrical conduits at sub-cellar 3 level

#### *W. 132nd Street Demolition Project*

- Demolition of parapet of 3259 Broadway

### 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

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

*(Over)*

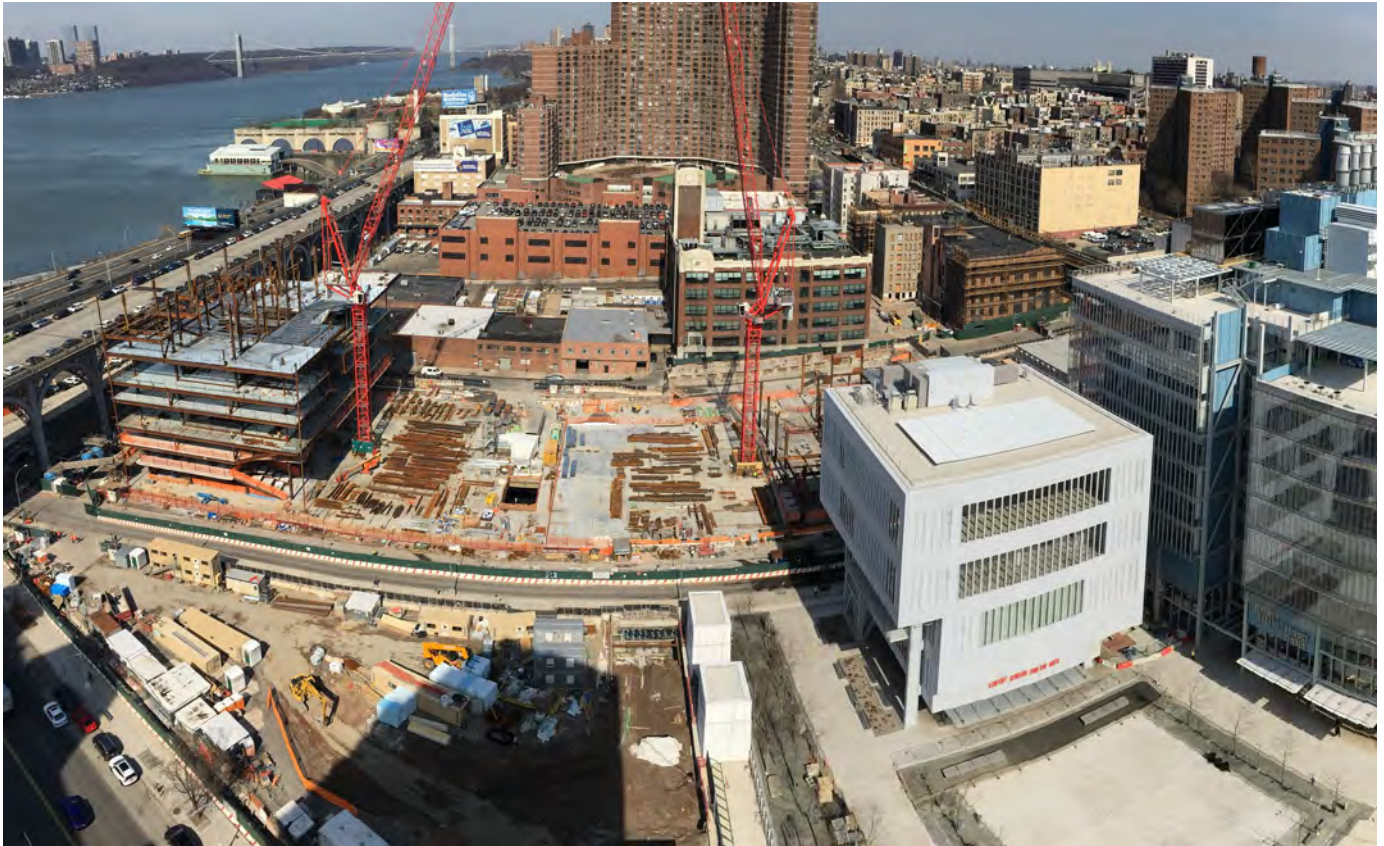


## Construction Update

*Weeks of March 18, 2019 and March 25, 2019*

### 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: March 25, 2019 and April 1, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 9 and metal decking is up to level 7
- Concrete installed on the second and third floors
- Network stairs installation up to level 6 and fire egress stairs installation up to level 4
- Completion of hoist installation
- Level 4 MEP sleeves in progress

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 3 and metal decking is up to level 2

##### *Below Grade Activity*

- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Spray on fire proofing of structural steel at sub-cellar 1 and sub-cellar 3 levels
- Backfilling and site grading

#### *Central Energy Plant Expansion*

- Rigging of 3 Cells Cooling Tower on the Jerome L. Greene Science Center roof was completed on Saturday, March 9. Piping connections/grating/railings are underway.
- Rigging of one chiller to the Central Energy Plant is scheduled for March 25 and 26
- Protection of the rigging hole between Jerome L. Greene Science Center and Lenfest Center for the Arts is underway, and tenting has been set up

#### *W. 132nd Street Demolition Project*

- Demolition of parapet of 3259 Broadway

### 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

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

(Over)



## Construction Update

*Weeks of March 25, 2019 and April 1, 2019*

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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 1, 2019 and April 8, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 9 and metal decking is up to level 7
- Concrete installed up to the fourth floor
- Network stairs installation up to level 6 and fire egress stairs installation up to level 4
- Completion of hoist installation
- Level 5 MEP sleeves in progress

##### *Site 6B (Eastern Site)*

- Steel erection and metal decking is up to level 3

##### *Below Grade Activity*

- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Spray on fire proofing of structural steel at sub-cellar 1 and sub-cellar 3 levels
- Backfilling and site grading

#### *Central Energy Plant Expansion*

- Protection of the rigging hole between Jerome L. Greene Science Center and Lenfest Center for the Arts is ongoing, and tenting has been set up. A boiler will be rigged into the hole on April 3 and additional materials will be rigged on April 6.
- Crane assembly and disassembly to take place the week of April 1

#### *W. 132nd Street Demolition Project*

- Demolition of parapet of 3259 Broadway

### 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

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*(Over)*



## Construction Update

Weeks of April 1, 2019 and April 8, 2019

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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: April 8, 2019 and April 15, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 9 and metal decking is up to level 7
- Concrete installed up to the fifth floor
- Network stairs installation up to level 6 and fire egress stairs installation up to level 4
- Curtain wall anchor installation up to level 3
- Level 5 MEP sleeves in progress

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 5 and metal decking is up to level 3

##### *Below Grade Activity*

- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Spray on fire proofing of structural steel at sub-cellar 1 and sub-cellar 3 levels
- Backfilling and site grading

#### *Central Energy Plant Expansion*

- Protection of the rigging hole between Jerome L. Greene Science Center and Lenfest Center for the Arts is ongoing, and tenting has been set up. Waterproofing and closure of the rigging hole will be completed by April 15.
- All remaining materials in support of the boiler will be rigged down into the Central Energy Plant April 9
- Crane assembly and disassembly to take place April 9

#### *W. 132nd Street Demolition Project*

- Demolition of parapet of 3259 Broadway

### 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

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*(Over)*



## Construction Update

Weeks of April 8, 2019 and April 15, 2019

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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: April 15, 2019 and April 22, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection and metal decking is up to level 9
- Concrete installed up to the fifth floor
- Network stairs installation and fire egress stairs installation up to level 6
- Curtain wall anchor installation up to level 5
- Level 6 MEP sleeves in progress

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 5 and metal decking is up to level 4

##### *Below Grade Activity*

- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Spray on fire proofing of structural steel at sub-cellar 1 and sub-cellar 3 levels
- Backfilling and site grading

#### *Central Energy Plant Expansion*

- Protection of the rigging hole between Jerome L. Greene Science Center and Lenfest Center for the Arts is ongoing, and tenting has been set up
- Waterproofing and closure of the rigging hole will be completed the week of April 15

#### *W. 132nd Street Demolition Project*

- Demolition of parapet of 3259 Broadway

### 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

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*(Over)*



## Construction Update

Weeks of April 15, 2019 and April 22, 2019

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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: April 22, 2019 and April 29, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 9 and metal decking is up to level 8
- Concrete placement up to level 5
- Network stairs installation up to level 6 and egress stair installation up to level 5
- Curtain wall anchor installation up to level 5
- Level 6 MEP sleeves in progress

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 5 and metal decking is up to level 4

##### *Below Grade Activity*

- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Spray on fire proofing of structural steel at sub-cellar 1 and sub-cellar 3 levels
- Backfilling and site grading

#### *Central Energy Plant Expansion*

- Protection of the rigging hole between Jerome L. Greene Science Center and Lenfest Center for the Arts is complete. Tenting has been removed, and fencing will come down the week of April 22.
- Waterproofing and closure of the rigging hole was completed the week of April 15

#### *W. 132nd Street Demolition Project*

- Demolition of parapet of 3259 Broadway

### 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

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*(Over)*



## Construction Update

Weeks of April 22, 2019 and April 29, 2019

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# Manhattanville in West Harlem Campus Plan

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## Construction Activities for the Weeks of: April 29, 2019 and May 6, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 10 and metal decking is up to level 9
- Concrete placement up to level 6
- Network stairs installation up to level 6 and egress stair installation up to level 7
- Curtain wall anchor installation up to level 7
- Level 7 MEP sleeves in progress

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 6 and metal decking is up to level 4
- Level 2 sleeves in progress

##### *Below Grade Activity*

- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Spray on fire proofing of structural steel at sub-cellar 3 level
- Backfilling and site grading
- Waterproofing of W. 131st Street plaza roof

#### *Central Energy Plant Expansion*

- Fencing around the protection of the rigging hole between Jerome L. Greene Science Center and Lenfest Center for the Arts has been removed

#### *W. 132nd Street Demolition Project*

- Demolition of parapet of 3259 Broadway

### 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 the fourth quarter of 2019

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*(Over)*



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## Construction Activities for the Weeks of: May 6, 2019 and May 13, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 10 and metal decking is up to level 9
- Concrete placement up to level 6
- Network stairs installation up to level 6 and egress stair installation up to level 7
- Curtain wall anchor installation up to level 7
- Level 7 MEP sleeves in progress
- Spray on fireproofing is up to level 3

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 6 and metal decking is up to level 4
- Level 2 sleeves in progress
- Hoist installation is in progress

##### *Below Grade Activity*

- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Spray on fireproofing of structural steel at sub-cellar 3 level
- Backfilling and site grading
- Waterproofing of W. 131st Street plaza roof

#### *W. 132nd Street Demolition Project*

- Demolition of parapet of 3259 Broadway

### 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*

- Refer to street signage for the west side of Broadway from 129th to 130th Streets — parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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*(Over)*



## Construction Update

Weeks of May 6, 2019 and May 13, 2019

### 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: May 13, 2019 and May 20, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 11 and metal decking is up to level 9
- Concrete placement up to level 6
- Network stairs installation up to level 8 and egress stair installation up to level 7
- Curtain wall anchor installation up to level 7
- Level 7 MEP sleeves in progress
- Spray on fireproofing is up to level 5

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 6 and metal decking is up to level 4
- Concrete placement up to level 2
- Hoist installation is in progress

##### *Below Grade Activity*

- Installation of underground plumbing at sub-cellar 3 level
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Backfilling and site grading
- Waterproofing of W. 131st Street plaza roof

#### *W. 132nd Street Demolition Project*

- Demolition of parapet of 3259 Broadway

### 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*

- Refer to street signage for the west side of Broadway from 129th to 130th Streets — parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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*(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: May 20, 2019 and May 27, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 11 and metal decking is up to level 10
- Concrete placement up to level 6
- Network stairs installation up to level 8 and egress stair installation up to level 7
- Curtain wall anchor installation up to level 7
- Spray on fireproofing is up to level 6

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 6 and metal decking is up to level 5
- Concrete placement up to level 3
- Hoist installation is in progress
- Network stairs installed up to level 4 and egress stairs installed up to level 2

##### *Below Grade Activity*

- Installation of masonry walls at sub-cellar 1 and sub-cellar 3 levels
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Backfilling and site grading
- Installation of sewer connections

#### *W. 132nd Street Demolition Project*

- Asbestos abatement is ongoing at 3259 Broadway

### 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*

- Refer to street signage for the west side of Broadway from 129th to 130th Streets — parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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

*(Over)*



## Neighboring construction projects not related to Columbia

- 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





# 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 27, 2019 and June 3, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 11 and metal decking is up to level 10
- Concrete placement up to level 6
- Network stairs installation up to level 8 and egress stair installation up to level 8
- Curtain wall anchor installation up to level 7
- Spray on fireproofing is up to level 6
- Interior wall layout up to level 3

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 7 and metal decking is up to level 5
- Concrete placement up to level 2
- Hoist installation is in progress
- Network stairs installed up to level 5 and egress stairs installed up to level 3

##### *Below Grade Activity*

- Installation of masonry walls at sub-cellar 1 and sub-cellar 3 levels
- Vapor barrier and concrete slab on grade installation at sub-cellar 3 level
- Backfilling and site grading
- Installation of sewer connections

#### *W. 132nd Street Demolition Project*

- Asbestos abatement is ongoing at 3259 Broadway

### 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*

- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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

*(Over)*



## Construction Update

Weeks of May 27, 2019 and June 3, 2019

### Neighboring construction projects not related to Columbia

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### Sustainable Partnerships



 COLUMBIA UNIVERSITY  
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: June 3, 2019 and June 10, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 11 and metal decking is up to level 10
- Concrete placement up to level 7. Curtain wall anchor installation up to level 7.
- Network stairs installation up to level 9 and egress stair installation up to level 8
- Spray on fireproofing is up to level 6
- Interior wall layout up to level 3

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 7 and metal decking is up to level 5
- Concrete placement up to level 2
- Hoist installation is in progress
- Network stairs installed up to level 5 and egress stairs installed up to level 3

##### *Below Grade Activity / W. 131st Street Utilities*

- Trenching and manhole installation on W. 131st Street near the Studebaker Building loading dock from 6:00 p.m. to 5:00 a.m. beginning Tuesday, June 4
- Demolition of underpinning/concrete support near W. 131st Street from June 1 (Saturday) to June 7
- HVAC, plumbing and sprinkler piping ongoing. Installation of HVAC pipe stands in utility tunnel.
- Installation of masonry walls at sub-cellar 1 and sub-cellar 3 levels. Vapor barrier and concrete slab on grade installation at sub-cellar 3 level.
- Backfilling and site grading. Installation of sewer connections.

#### *W. 132nd Street Demolition Project*

- Asbestos abatement is ongoing at 3259 Broadway

### 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*

- Refer to street signage for the west side of Broadway from 129th to 130th Streets — parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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

*(Over)*



## Construction Update

Weeks of June 3, 2019 and June 10, 2019

### Neighboring construction projects not related to Columbia

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### Sustainable Partnerships



 COLUMBIA UNIVERSITY  
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: June 10, 2019 and June 17, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to level 11 and metal decking is up to level 11
- Concrete placement up to level 7. Curtain wall anchor installation up to level 7.
- Network stairs installation up to level 10 and egress stair installation up to level 9
- Spray on fireproofing is up to level 6
- Interior wall layout up to level 4

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 7 and metal decking is up to level 6
- Concrete placement up to level 2
- Network stairs installed up to level 6 and egress stairs installed up to level 3

##### *Below Grade Activity / W. 131st Street Utilities*

- Trenching and manhole installation on W. 131st Street near the Studebaker Building loading dock from 6:00 p.m. to 5:00 a.m. Monday, June 10. Domestic water tie-in on W. 130th Street on Saturdays.
- HVAC, plumbing and sprinkler piping ongoing. Installation of HVAC pipe stands in utility tunnel.
- Installation of masonry walls at sub-cellar 1 and sub-cellar 3 levels. Vapor barrier and concrete slab on grade installation at sub-cellar 3 level.
- Spray on fireproofing at sub-cellar 3 level.
- Backfilling and site grading. Installation of sewer connections.

#### *W. 132nd Street Demolition Project*

- Asbestos abatement is ongoing at 3259 Broadway

### 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*

- W. 130th Street will be closed on Saturdays from June 15 to June 29 for street utility work
- Refer to street signage for the west side of Broadway from 129th to 130th Streets — parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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

(Over)



## Construction Update

Weeks of June 10, 2019 and June 17, 2019

### Neighboring construction projects not related to Columbia

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### Sustainable Partnerships



 COLUMBIA UNIVERSITY  
Facilities and Operations



# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: June 17, 2019 and June 24, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to the roof level and metal decking is up to level 11
- Concrete placement and curtain wall anchor installation up to level 7
- Network stairs installation up to level 10 and egress stair installation up to level 9
- Plumbing and ductwork is underway. Spray on fireproofing is up to level 6.
- Interior wall layout and elevator shaft walls up to level 4

##### *Site 6B (Eastern Site)*

- Steel erection is up to level 7 and metal decking is up to level 6
- Concrete placement up to level 2
- Network stairs installed up to level 6 and egress stairs installed up to level 3

##### *Below Grade Activity / W. 131st Street Utilities*

- Trenching and manhole installation on W. 131st Street near the Studebaker Building loading dock from 6:00 p.m. to 2:30 a.m. beginning Monday, June 10. Domestic water tie-in on W. 130th Street on Saturdays is awaiting Department of Environmental Protection approval.
- HVAC, plumbing and sprinkler piping ongoing. Installation of HVAC pipe stands in utility tunnel.
- Installation of masonry walls at sub-cellar 1 and sub-cellar 3 levels. Vapor barrier and concrete slab on grade installation at sub-cellar 3 level.
- Spray on fireproofing at sub-cellar 3 level
- Backfilling and site grading. Installation of sewer connections.

#### *W. 132nd Street Demolition Project*

- Asbestos abatement is ongoing at 3259 Broadway

### 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*

- W. 130th Street will be closed on Saturdays from June 15 to June 29 for street utility work
- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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



## Construction Update

Weeks of June 17, 2019 and June 24, 2019

### Neighboring construction projects not related to Columbia

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### Sustainable Partnerships



 COLUMBIA UNIVERSITY  
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: June 24, 2019 and July 1, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection is up to the roof level and metal decking is up to level 11
- Concrete placement and curtain wall anchor installation up to level 7
- Network stairs installation and egress stair installation up to level 10
- Plumbing and ductwork is underway. Spray on fireproofing is up to level 6.
- Interior wall layout and elevator shaft walls up to level 4

##### *Site 6B (Eastern Site)*

- Steel erection and metal decking up to level 7
- Concrete placement up to level 2
- Network stairs installed up to level 6 and egress stairs installed up to level 3

##### *Below Grade Activity / W. 131st Street Utilities*

- Trenching and manhole installation ongoing on W. 131st Street near the Studebaker Building loading dock from 6:00 p.m. to 2:30 a.m. Domestic water tie-in on W. 130th Street on Saturdays is awaiting Department of Environmental Protection approval.
- HVAC, plumbing and sprinkler piping ongoing. Installation of HVAC pipe stands in utility tunnel.
- Installation of masonry walls at sub-cellar 1 and sub-cellar 3 levels. Vapor barrier and concrete slab on grade installation at sub-cellar 3 level.
- Spray on fireproofing at sub-cellar 3 level
- Backfilling and site grading. Installation of sewer connections. Top track installation.

#### *W. 132nd Street Demolition Project*

- Asbestos abatement at 3259 Broadway will be completed on Friday, June 28
- Demolition to start on July 18, contingent on Department of Buildings approval

### 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*

- W. 130th Street will be closed on Saturdays from June 15 to June 29 for street utility work
- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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

*(Over)*



## 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

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## Construction Activities for the Weeks of: July 1, 2019 and July 8, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection and metal decking is up to the roof level
- Curtain wall panel installation is underway
- Concrete placement and curtain wall anchor installation up to level 7
- Network stairs installation and egress stair installation up to level 10
- Plumbing and ductwork is underway. Spray on fireproofing is up to level 6.
- Interior wall layout and elevator shaft walls up to level 4

##### *Site 6B (Eastern Site)*

- Steel erection and metal decking up to level 7
- Concrete placement up to level 2
- Network stairs installed up to level 6 and egress stairs installed up to level 4

##### *Below Grade Activity / W. 131st Street Utilities*

- Trenching and manhole installation ongoing on W. 131st Street near the Studebaker Building loading dock. Domestic water tie-in on W. 130th Street on Saturdays is awaiting Department of Environmental Protection approval.
- HVAC, plumbing and sprinkler piping ongoing. Installation of HVAC pipe stands in utility tunnel.
- Installation of masonry walls at sub-cellar 1 and sub-cellar 3 levels. Vapor barrier and concrete slab on grade installation at sub-cellar 3 level.
- Spray on fireproofing at sub-cellar 3 level
- Backfilling and site grading. Installation of sewer connections. Carpentry top track installation.

#### *W. 132nd Street Demolition Project*

- Demolition to start on July 15, contingent on Department of Buildings approval

### 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*

- W. 130th Street will be closed on Saturdays from July 13 to July 27 for street utility work
- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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*(Over)*



## 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

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## Construction Activities for the Weeks of: July 8, 2019 and July 15, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection and metal decking is up to the roof level
- Curtain wall panel installation is underway
- Concrete placement and curtain wall anchor installation up to level 7
- Network stairs installation and egress stair installation up to level 10
- Plumbing and ductwork is underway. Spray on fireproofing is up to level 6.
- Interior wall layout and elevator shaft walls up to level 4

##### *Site 6B (Eastern Site)*

- Steel erection and metal decking up to level 8
- Concrete placement up to level 2
- Network stairs installed up to level 6 and egress stairs installed up to level 4

##### *Below Grade Activity / W. 131st Street Utilities*

- Trenching and manhole installation ongoing on W. 131st Street near the Studebaker Building loading dock. Domestic water tie-in on W. 130th Street on Saturdays is awaiting Department of Environmental Protection approval.
- HVAC, plumbing and sprinkler piping ongoing. Installation of HVAC pipe stands in utility tunnel.
- Installation of masonry walls at sub-cellar 1 and sub-cellar 3 levels. Vapor barrier and concrete slab on grade installation at sub-cellar 3 level.
- Spray on fireproofing at sub-cellar 3 level
- Backfilling and site grading. Installation of sewer connections. Carpentry top track installation.

#### *W. 132nd Street Demolition Project*

- Demolition to start on July 15, contingent on Department of Buildings approval

### 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*

- W. 130th Street will be closed on Saturdays from July 13 to July 27 for street utility work
- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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*(Over)*



## 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

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## Construction Activities for the Weeks of: July 15, 2019 and July 22, 2019

### What is happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Steel erection and metal decking is up to the roof level
- Curtain wall panel installation is underway
- Concrete placement and curtain wall anchor installation up to level 8
- Network stairs installation and egress stair installation up to level 11
- Plumbing and ductwork is underway. Spray on fireproofing is up to level 6.
- Interior wall layout and elevator shaft walls up to level 5

##### *Site 6B (Eastern Site)*

- Steel erection and metal decking up to level 8
- Concrete placement up to level 2
- Network stairs installed up to level 6 and egress stairs installed up to level 5

##### *Below Grade Activity / W. 131st Street Utilities*

- Trenching and manhole installation ongoing on W. 131st Street near the Studebaker Building loading dock. Domestic water tie-in on W. 130th Street on Saturdays is awaiting Department of Environmental Protection approval. Installation of stormwater piping on W. 131st Street.
- HVAC, plumbing and sprinkler piping ongoing. Installation of HVAC pipe stands in utility tunnel.
- Installation of masonry walls at sub-cellar 1 and sub-cellar 3 levels. Vapor barrier and concrete slab on grade installation at sub-cellar 3 level.
- Spray on fireproofing at sub-cellar 3 level
- Backfilling and site grading. Installation of sewer connections. Carpentry top track installation.

#### *W. 132nd Street Demolition Project*

- Demolition to start on July 22. Department of Buildings to perform pre-demolition inspection during the week of July 15.

### 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*

- W. 130th Street will be closed on Saturdays from July 13 to July 27 for street utility work
- Refer to street signage for the west side of Broadway from 129th to 130th Streets — parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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*(Over)*



## 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

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## Construction Activities for the Weeks of: July 22, 2019 and July 29, 2019

### What is Happening

#### The Forum

- Punchlist

#### **Columbia Business School**

##### *Site 7 (Western Site)*

- Steel erection and metal decking is up to the roof level
- Curtain wall panel installation is underway
- Concrete placement and curtain wall anchor installation up to level 9
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork is in progress. Spray on fireproofing is up to level 7.
- Egress stair and elevator shaft walls up to level 5

##### *Site 6B (Eastern Site)*

- Steel erection and metal decking up to the roof level
- Concrete placement up to level 2
- Network stairs and egress stairs installed up to level 6

##### *Below Grade Activity / W. 131st Street Utilities*

- Trenching and manhole installation ongoing on W. 131st Street near the Studebaker Building loading dock. Trenching for domestic water tie-in on W. 130th Street on Saturdays while awaiting Department of Environmental Protection approval. Installation of stormwater piping on W. 131st Street.
- Concrete piers demolition on W. 131st Street on Saturday, July 20
- HVAC, plumbing and sprinkler piping ongoing. Installation of HVAC pipe stands in utility tunnel.
- Installation of masonry walls, concrete curbs, and mechanical, electrical and plumbing (MEP) pads at sub-cellar 1 and sub-cellar 3 levels
- Installation of shaft walls at sub-cellar 1 level at Site 7
- Spray on fireproofing at sub-cellar 1 level
- Backfilling and site grading. Installation of sewer connections. Carpentry top track installation.

#### **W. 132nd Street Demolition Project**

- Demolition to start the week of July 22

### 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**

- W. 130th Street will be closed on Saturdays until July 27 for street utility work
- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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

*(Over)*



## Neighboring construction projects not related to Columbia

- 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





# 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 29, 2019 and August 5, 2019

### What is Happening

#### The Forum

- Punchlist

#### **Columbia Business School**

##### *Site 7 (Western Site)*

- Steel erection and metal decking is up to the elevator mechanical room on the 3rd to 5th floors
- Curtain wall panel installation is underway
- Concrete placement and curtain wall anchor installation up to level 9
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork is in progress. Spray on fireproofing is up to level 7.
- Egress stair and elevator shaft walls up to level 5

##### *Site 6B (Eastern Site)*

- Steel erection and metal decking up to the roof level
- Concrete placement up to level 3
- Network stairs and egress stairs installed up to level 7

##### *Below Grade Activity / W. 131st Street Utilities*

- Trenching and manhole installation ongoing on W. 131st Street near the Studebaker Building loading dock. Installation of stormwater piping on W. 131st Street.
- Road demolition and excavation on W. 131st Street
- HVAC, plumbing and sprinkler piping ongoing. Installation of HVAC pipe stands in utility tunnel.
- Installation of masonry walls, concrete curbs, and mechanical, electrical and plumbing (MEP) pads at sub-cellar 1 and sub-cellar 3 levels
- Installation of shaft walls at sub-cellar 1 level at Site 7
- Spray on fireproofing at sub-cellar 1 level
- Backfilling and site grading. Installation of sewer connections. Carpentry top track installation.

#### **W. 132nd Street Demolition Project**

- Demolition of residential building

### 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**

- W. 130th Street will be closed on Saturdays until July 27 for street utility work
- Refer to street signage for the west side of Broadway from 129th to 130th Streets — parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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

*(Over)*



## Construction Update

Weeks of July 29, 2019 and August 5, 2019

### 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: August 5, 2019 and August 12, 2019

### What is Happening

#### The Forum

- Punchlist

#### **Columbia Business School**

##### *Site 7 (Western Site)*

- Steel erection and metal decking is up to the elevator mechanical room on the 3rd to 5th floors
- Curtain wall panel installation is in progress
- Concrete placement is up to level 9
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork is in progress. Spray on fireproofing is up to level 8.
- Egress stair and elevator shaft walls up to level 5

##### *Site 6B (Eastern Site)*

- Steel erection and metal decking up to the roof level
- Concrete placement up to level 4
- Network stairs and egress stairs installed up to level 7

##### *Below Grade Activity / W. 131st Street Utilities*

- Trenching and manhole installation ongoing on W. 131st Street near the Studebaker Building loading dock. Installation of stormwater piping on W. 131st Street.
- Road demolition and excavation on W. 131st Street
- HVAC, plumbing and sprinkler piping ongoing. Installation of HVAC pipe stands in utility tunnel.
- Installation of masonry walls, concrete curbs, and mechanical, electrical and plumbing (MEP) pads at sub-cellar 1 and sub-cellar 3 levels
- Installation of shaft walls at sub-cellar 1 level at Site 7
- Beam penetration work for CDS storm lines (a unit that captures and treats stormwater runoff onsite before entering the city's sewer system)
- Spray on fireproofing at sub-cellar 1 level
- Backfilling and site grading. Installation of sewer connections. Carpentry top track installation.

#### **W. 132nd Street Demolition Project**

- Demolition of 602 W. 132nd Street interior components

### 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**

- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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

*(Over)*



## 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: August 12, 2019 and August 19, 2019

### What is Happening

#### The Forum

- Punchlist

#### **Columbia Business School**

##### *Site 7 (Western Site)*

- Steel erection and metal decking at the roof level continues
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork are in progress. Spray on fireproofing is up to level 7.
- Concrete curbs installed on level 8
- The construction crane will be dismantled during the week of August 12. One large and one small crane will be at the site to facilitate the work.

##### *Site 6B (Eastern Site)*

- Steel erection and metal decking at roof level and elevator mechanical room continues
- Egress stairs installation up to level 5

##### *Below Grade Activity / W. 131st Street Utilities*

- Trenching and manhole installation ongoing on W. 131st Street near the Studebaker Building loading dock
- Road demolition and excavation on W. 131st Street
- HVAC, plumbing and sprinkler piping ongoing. Installation of chilled water supply and return, and high pressure steam main and condensate return piping installation in utility tunnel.
- Installation of masonry walls, concrete curbs, and mechanical, electrical and plumbing (MEP) pads at sub-cellar 1 and sub-cellar 3 levels
- Installation of shaft walls at sub-cellar 1 level at Site 7
- Core drills for fire main completed and tie-in to Central Energy Plant to start shortly
- Beam penetration work for CDS storm lines (a unit that captures and treats stormwater runoff onsite before entering the city's sewer system)
- Spray on fireproofing at truck ramp
- Backfilling and site grading. Installation of sewer connections.
- Carpentry top track installation

#### **W. 132nd Street Demolition Project**

- Demolition of 602 W. 132nd Street and 3259 Broadway

### 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**

- W. 130th Street from the west side of the Jerome L. Greene Science Center loading dock to 12th Avenue will be closed during the week of August 12. The Jerome L. Greene Science Center loading dock will remain accessible at all times via Broadway. Delivery trucks will be required to back into W. 130th Street to access the loading dock, and a flag person will be present to direct deliveries.
- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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

*(Over)*



## Construction Update

*Weeks of August 12, 2019 and August 19, 2019*

### 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

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## Construction Activities for the Weeks of: August 19, 2019 and August 26, 2019

### What is Happening

#### The Forum

- Punchlist

#### Columbia Business School

##### Site 7 (Western Site)

- Metal decking at the roof continues
- The crane serving Site 7 has been disassembled and removed
- The hoist has been extended to the roof/level 12
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork are in progress. Spray on fireproofing is up to level 7.
- Concrete curbs installed on level 8

##### Site 6B (Eastern Site)

- Steel erection and metal decking at roof level and elevator mechanical room continues
- The crane will be dismantled and removed during the week of September 9
- Concrete slab places through level 4
- Egress stairs installation up to level 5
- Spray on fireproofing mobilized at level 1
- The hoist has been jumped to level 7

##### Below Grade Activity / W. 131st Street Utilities

- Road demolition and excavation on W. 131st Street
- Installation of sewer mains, sewer manholes and sewer connection on W. 131st Street between 12th Avenue and Broadway. Rehabilitation of existing sewer main on W. 131st Street between Broadway and 12th Avenue.
- Plumbing and sprinkler piping ongoing at sub cellar 1 and 3 levels. Installation of chilled water supply and return, and high pressure steam main and condensate return piping installation in utility tunnel.
- Installation of masonry walls, concrete curbs, and equipment pads at sub-cellar 1 and 3 levels
- Spray on fireproofing

#### W. 132nd Street Demolition Project

- Demolition of 602 W. 132nd Street and 3259 Broadway

### 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

- Refer to street signage for the west side of Broadway from 129th to 130th Streets — parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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## 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

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## Construction Activities for the Weeks of: August 26, 2019 and September 2, 2019

### What is Happening

#### The Forum

- Punchlist

#### **Columbia Business School**

##### *Site 7 (Western Site)*

- Metal decking at the top of the building continues
- Concrete is installed up to level 9
- The hoist has been extended to the roof/level 12
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork are in progress. Spray on fireproofing is up to level 7.
- Concrete curbs installed on level 10

##### *Site 6B (Eastern Site)*

- Steel erection and metal decking at roof level and elevator mechanical room continues
- The crane will be dismantled and removed during the week of September 9
- Concrete slab places up to level 4
- Egress stairs installation up to level 5
- Spray on fireproofing is in progress on level 1
- The hoist has been jumped to level 7

##### *Below Grade Activity / W. 131st Street Utilities*

- Road demolition and excavation on W. 131st Street
- Installation of sewer mains, sewer manholes and sewer connection on W. 131st Street between 12th Avenue and Broadway. Rehabilitation of existing sewer main on W. 131st Street between Broadway and 12th Avenue.
- Plumbing and sprinkler piping ongoing at sub cellar 1 and 3 levels. Installation of chilled water supply and return, and high pressure steam main and condensate return piping installation in utility tunnel.
- Installation of masonry walls, concrete curbs, and equipment pads at sub-cellar 1 and 3 levels
- Spray on fireproofing

#### **W. 132nd Street Demolition Project**

- Demolition of 602 W. 132nd Street and 3259 Broadway

### 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**

- Refer to street signage for the west side of Broadway from 129th to 130th Streets — parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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## Sustainable Partnerships





# Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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## Construction Activities for the Weeks of: September 2, 2019 and September 9, 2019

### What is Happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Metal decking at the top of the building continues
- Concrete is installed up to level 10
- The hoist has been extended to the roof/level 12
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork are in progress. Spray on fireproofing is up to level 7.
- Concrete curbs installed on level 10. Roof screen wall is complete.

##### *Site 6B (Eastern Site)*

- Steel erection and metal decking at roof level and elevator mechanical room continues
- The crane will be dismantled and removed during the week of September 9
- Concrete slab places up to level 4
- Egress stairs installation up to level 7. Spray on fireproofing is in progress on level 3.
- The hoist has been jumped to the roof. Roof screen wall is in progress.

##### *Below Grade Activity / W. 131st Street Utilities*

- Road and sidewalk demolition and excavation on W. 131st Street
- Installation of sewer mains, sewer manholes and sewer connection on W. 131st Street between 12th Avenue and Broadway. Installing new water lines, and gas and storm lines on W. 131st Street.
- Plumbing and sprinkler piping ongoing at sub cellar 1 and 3 levels. Installation of chilled water supply and return, and high pressure steam main and condensate return piping installation in utility tunnel.
- Installation of masonry walls, concrete curbs, and equipment pads at sub-cellar 1 and 3 levels
- Beam penetrations for CDS units (a unit that captures and treats stormwater runoff onsite before entering the city's sewer system)
- Site 6B loading dock development
- Overhead door installation in the Central Energy Plant Expansion area. Insulation under side of ramp.

#### *W. 132nd Street Demolition Project*

- Demolition of 602 W. 132nd Street and 3259 Broadway

### 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*

- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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## Construction Update

Weeks of September 2, 2019 and September 9, 2019

### 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: September 9, 2019 and September 16, 2019

### What is Happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Metal decking at the top of the building continues
- Concrete is installed up to level 11
- The hoist has been extended to the roof/level 12
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork are in progress
- Spray on fireproofing is up to level 7
- Concrete curbs installed on level 10
- Roof screen wall framing is complete

##### *Site 6B (Eastern Site)*

- Metal decking at the top of the building continues
- The crane will be dismantled and removed during the week of September 9
- Concrete slab places up to level 5
- Egress stairs installation up to level 8
- Spray on fireproofing is in progress on level 4
- The hoist has been jumped to the roof
- Roof screen wall is in progress

##### *Below Grade Activity / W. 131st Street Utilities*

- Road and sidewalk demolition and excavation on W. 131st Street
- Installation of sewer mains, sewer manholes, and sewer connection on W. 131st Street between 12th Avenue and Broadway. Work will take place on Saturdays.
- Installing new water lines, and gas and storm lines on W. 131st Street
- Coring penetrations for laterals at the Studebaker Building
- Plumbing and sprinkler piping ongoing at sub cellar 1 and 3 levels.
- Installation of chilled water supply and return, and high pressure steam main and condensate return piping installation in utility tunnel
- Installation of masonry walls, concrete curbs, and equipment pads at sub-cellar 1 and 3 levels
- Beam penetrations for CDS units (a unit that captures and treats stormwater runoff onsite before entering the city's sewer system)
- Site 6B loading dock development
- Overhead door installation in the Central Energy Plant Expansion area
- Insulation under side of ramp.

##### *W. 132nd Street Demolition Project*

- Demolition of 602 W. 132nd Street and 3259 Broadway. Demolishing levels 2 and 3. Work will take place on Saturdays from 9:00 a.m. to 5:00 p.m. (Over)

Construction Update

Weeks of September 9, 2019 and September 16, 2019



## Construction Update

Weeks of September 9, 2019 and September 16, 2019

## 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

- Refer to street signage for the west side of Broadway from 129th to 130th Streets — parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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## Sustainable Partnerships



 COLUMBIA UNIVERSITY  
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: September 16, 2019 and September 23, 2019

### What is Happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Concrete is installed up to level 11
- The hoist has been extended to the roof/level 12
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork are in progress up to level 5
- Spray on fireproofing is up to level 8
- Concrete curbs installed on level 10
- Roof screen wall framing is complete

##### *Site 6B (Eastern Site)*

- The crane has been dismantled and removed
- Concrete slab placed up to level 5
- Curtain wall anchor installation is in progress
- Egress stairs installation up to level 9
- Spray on fireproofing is in progress on level 4
- The hoist has been jumped to the roof
- Roof screen wall framing is complete

##### *Below Grade Activity / W. 131st Street Utilities*

- Road and sidewalk demolition and excavation on W. 131st Street
- Installing new water lines, and gas and storm lines on W. 131st Street
- Coring penetrations for laterals at the Studebaker Building
- Plumbing and sprinkler piping ongoing at sub cellar 1 and 3 levels.
- Installation of chilled water supply and return, and high pressure steam main and condensate return piping installation in utility tunnel
- Installation of masonry walls, concrete curbs, and equipment pads at sub-cellar 1 and 3 levels
- Beam penetrations for CDS units (a unit that captures and treats stormwater runoff onsite before entering the city's sewer system)
- Site 6B loading dock development
- Overhead door installation in the Central Energy Plant Expansion area
- Insulation under side of ramp

(Over)



## What is Happening (continued)

### ***W. 132nd Street Demolition Project***

- Demolition of 602 W. 132nd Street and 3259 Broadway. Demolishing levels 2 and 3. Work will take place on Saturdays from 9:00 a.m. to 5:00 p.m.
- Mechanical demolition to start on Monday, September 16

### ***W. 125th Street South Side Demolition***

- Construction fence installation and site surveys to begin

## 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***

- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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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: September 23, 2019 and September 30, 2019

### What is Happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Concrete is installed up to level 11
- The hoist has been extended to the roof/level 12
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork are in progress up to level 6
- Spray on fireproofing is up to level 9
- Concrete curbs installed on level 11

##### *Site 6B (Eastern Site)*

- Concrete slab placed up to level 6
- Curtain wall anchor installation is in progress
- Egress stairs installation up to level 9
- Spray on fireproofing is in progress on level 4
- The hoist has been jumped to the roof

##### *Below Grade Activity / W. 131st Street Utilities*

- Road and sidewalk demolition and excavation on W. 131st Street
- Installing new water lines, and gas and storm lines on W. 131st Street
- Coring penetrations for laterals at the Studebaker Building
- Plumbing and sprinkler piping ongoing at sub cellar 1 and 3 levels.
- Installation of chilled water supply and return, and high pressure steam main and condensate return piping installation in utility tunnel
- Installation of masonry walls, concrete curbs, and equipment pads at sub-cellar 1 and 3 levels
- Beam penetrations for CDS units (a unit that captures and treats stormwater runoff onsite before entering the city's sewer system)
- Site 6B loading dock development
- Overhead door installation in the Central Energy Plant Expansion area
- Insulation under side of ramp

##### *W. 132nd Street Demolition Project*

- Demolition of 602 W. 132nd Street and 3259 Broadway. Work will take place on Saturdays from 9:00 a.m. to 5:00 p.m.
- Clean up of debris of 602 W. 132nd Street
- Mechanical demolition of 3259 Broadway to start Wednesday, September 25

(Over)



## What is Happening (continued)

### W. 125th Street South Side Demolition

- Site surveys and investigation
- Temporary power and light installation

## 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

- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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

## Need More Information?

For project updates and information, please visit [manhattanville.columbia.edu](http://manhattanville.columbia.edu). For questions or concerns, e-mail [projx@columbia.edu](mailto:projx@columbia.edu) or call our Services Center at 212-854-2222, 24 hours a day, seven days a week.



## Neighboring construction projects not related to Columbia

- 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).

## Sustainable Partnerships





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## Construction Activities for the Weeks of: September 30, 2019 and October 7, 2019

### What is Happening

#### *The Forum*

- Punchlist

#### *Columbia Business School*

##### *Site 7 (Western Site)*

- Concrete is installed up to the roof
- Network stairs and egress stair installation up to level 11
- Plumbing and ductwork are in progress up to level 6
- Spray on fireproofing is up to level 9
- Curtain wall installation is partially up to level 7
- Interior wall installation up to level 5

##### *Site 6B (Eastern Site)*

- Concrete slab placed up to level 6
- Curtain wall anchor installation is in progress
- Egress stairs installation up to level 9
- Spray on fireproofing is in progress on level 4
- Concrete curbs up to level 3
- Interior wall layout is in progress

##### *Below Grade Activity / W. 131st Street Utilities*

- Road and sidewalk demolition and excavation on W. 131st Street
- Tying new water lines, and gas and storm lines on W. 131st Street
- Installing IT conduits on W. 131st Street
- Coring penetrations for laterals at the Studebaker Building
- Plumbing and sprinkler piping ongoing at sub cellar 1 and 3 levels
- Installation of chilled water supply and return, and high pressure steam main and condensate return piping installation in utility tunnel
- Installation of masonry walls, concrete curbs, and equipment pads at sub-cellar 1 and 3 levels
- Beam penetrations for CDS units (a unit that captures and treats storm water runoff onsite before entering the city's sewer system)
- Overhead conduits and concrete structural supports ongoing
- Tower crane slab in-fill
- MEP equipment rigging ongoing
- Site 6B loading dock development
- Overhead door installation in the Central Energy Plant Expansion area
- Insulation under side of ramp

(Over)



### **W. 132nd Street Demolition Project**

- Demolition of 602 W. 132nd Street and 3259 Broadway. Work will take place on Saturdays from 9:00 a.m. to 5:00 p.m.
- Clean up of debris of 3259 Broadway and hauling debris offsite
- Mechanical demolition of 3259 Broadway will be ongoing until mid next week

### **What is Happening (continued)**

#### **W. 125th Street South Side Demolition**

- Site surveys and investigation
- Temporary power and light installation
- General cleaning

### **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**

- Refer to street signage for the west side of Broadway from 129th to 130th Streets – parking is allowed after 6:00 p.m. and on weekends
- W. 131st Street between Broadway and 615 W. 131st Street is closed until the fourth quarter of 2019

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### **Sustainable Partnerships**



## Manhattanville Growing Together Monthly Newsletter Distribution List

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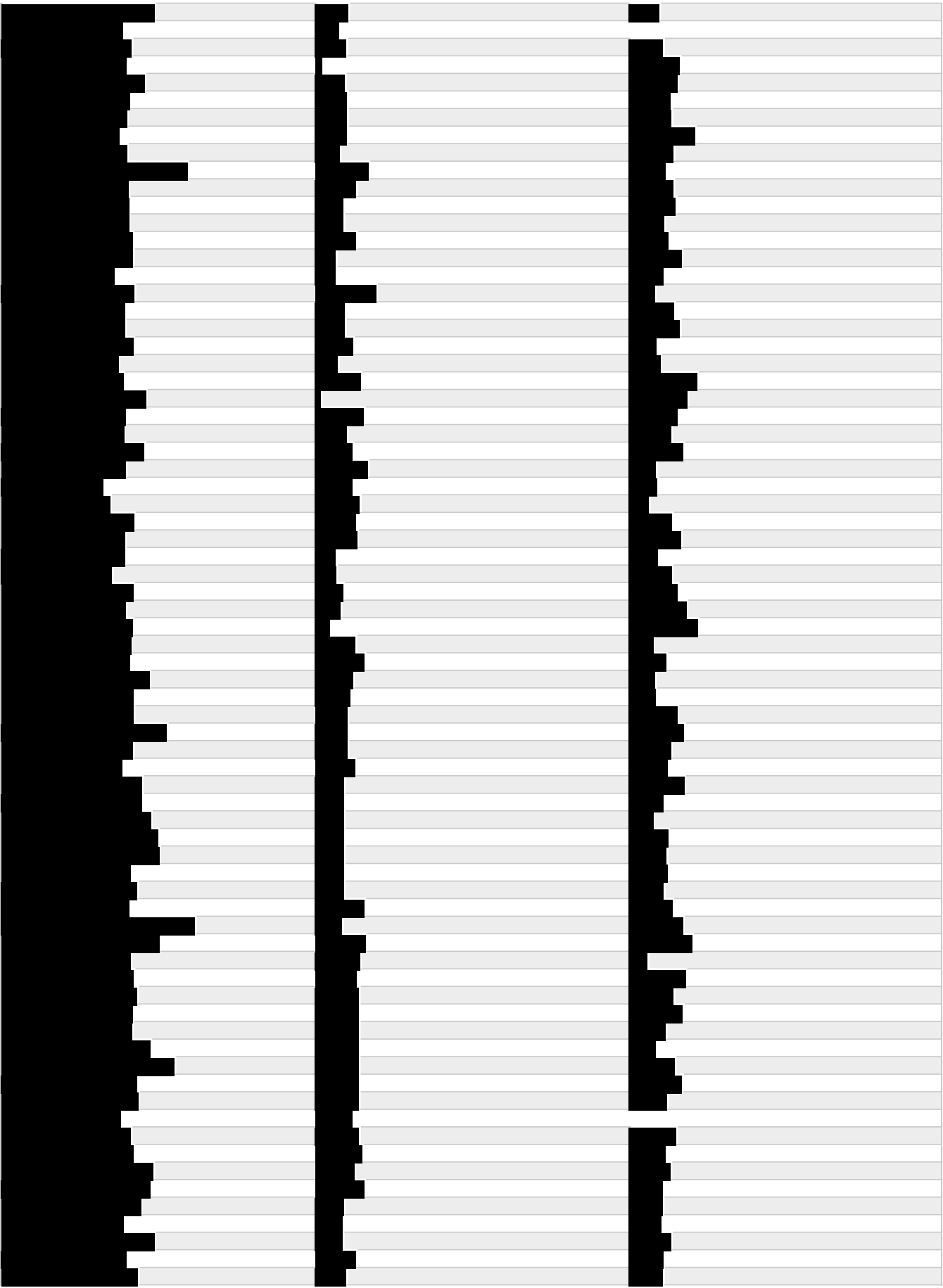












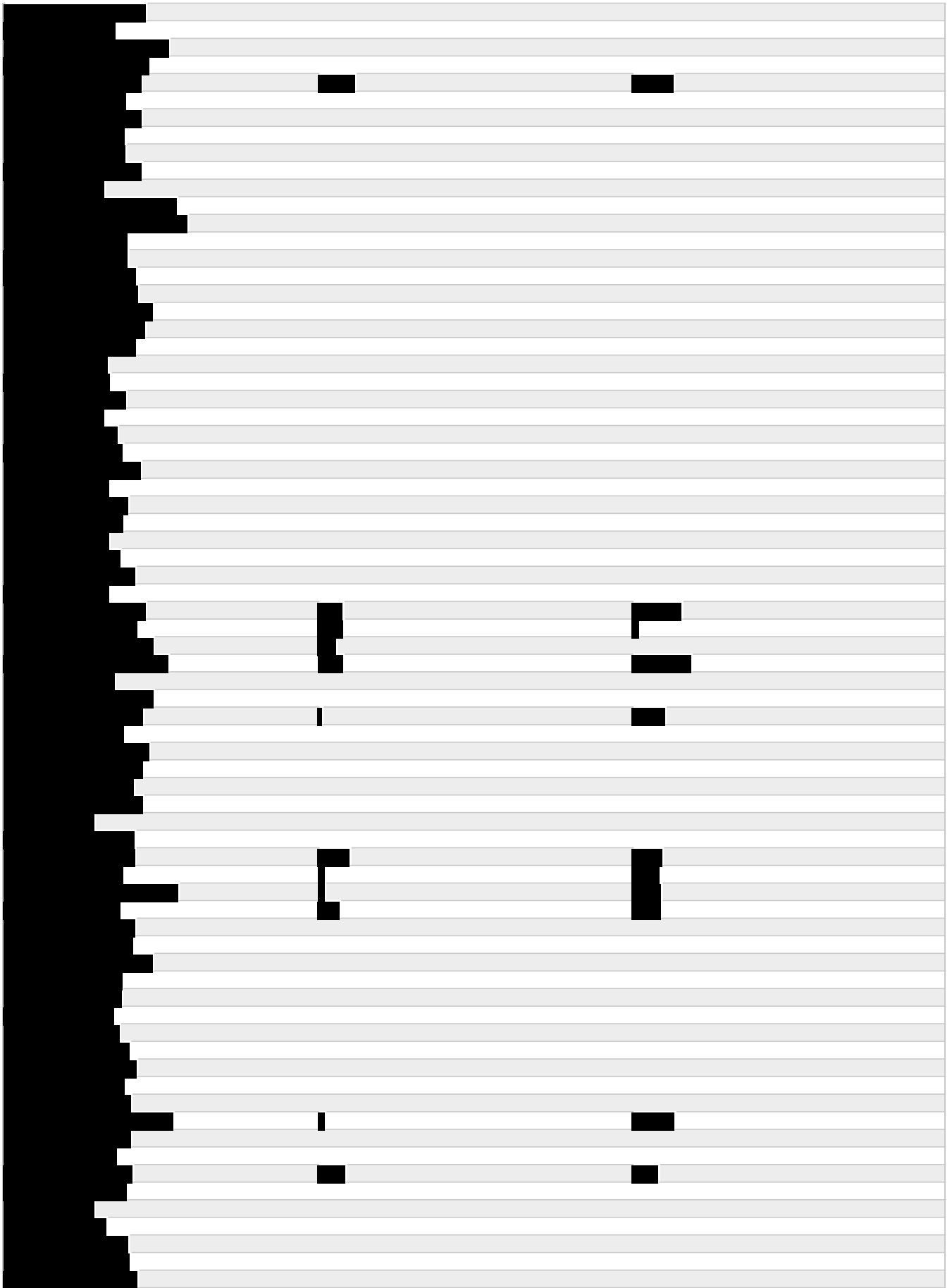








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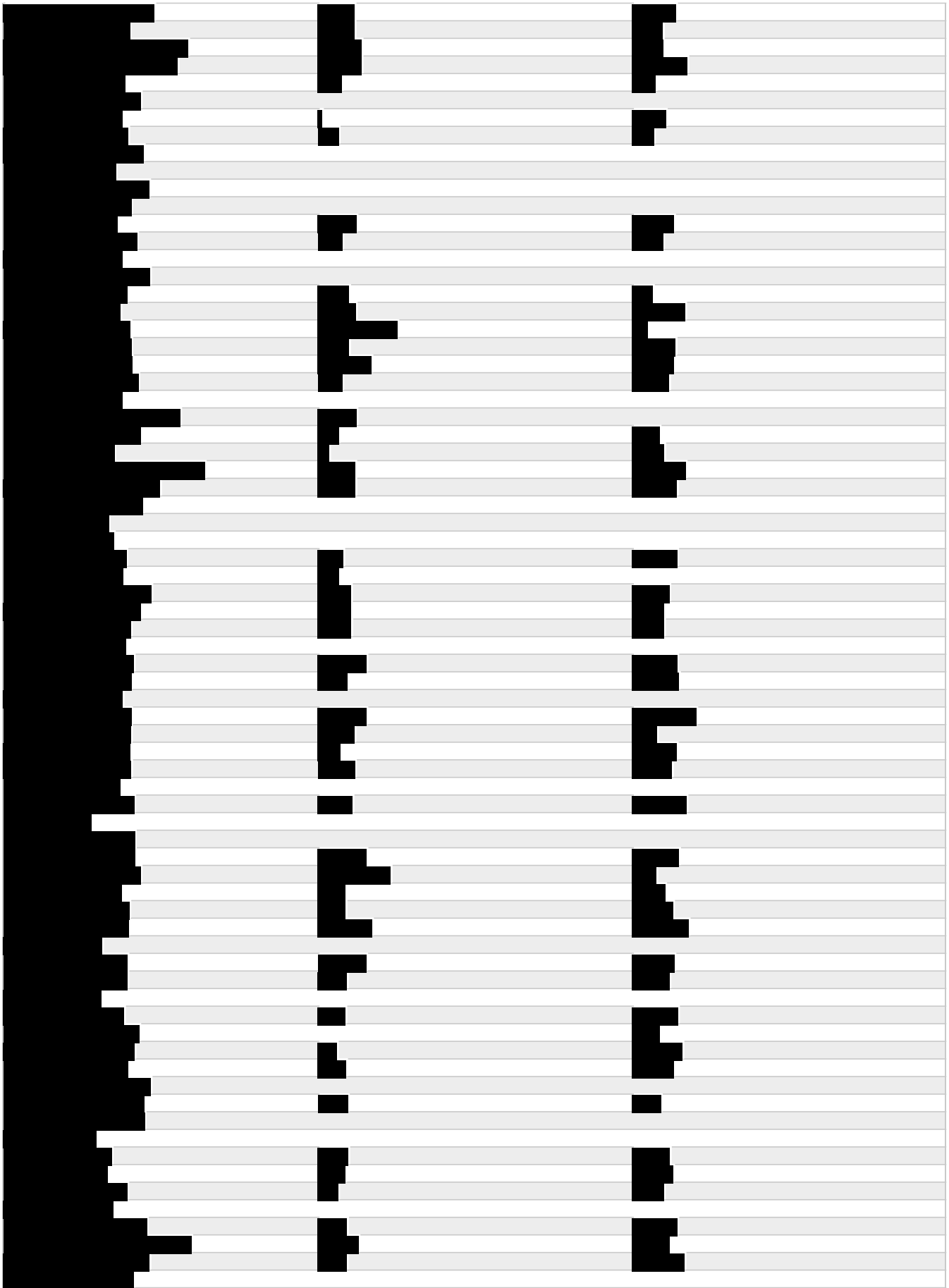






















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