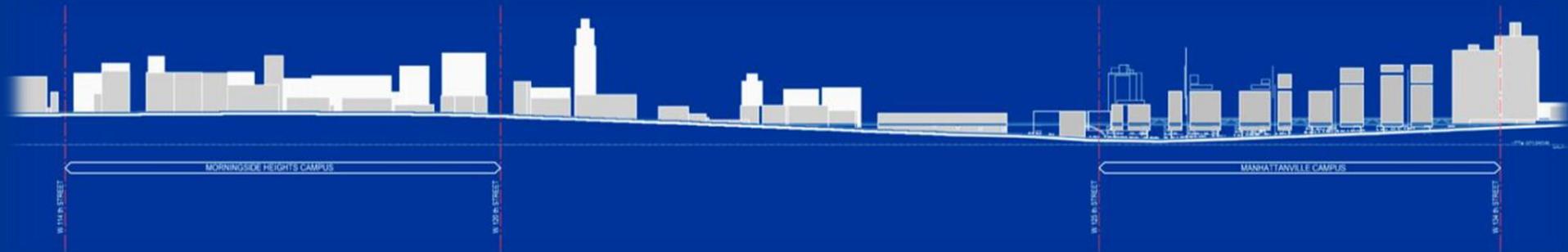


Columbia University Manhattanville in West Harlem Mixed Use Academic Development



May 20, 2014

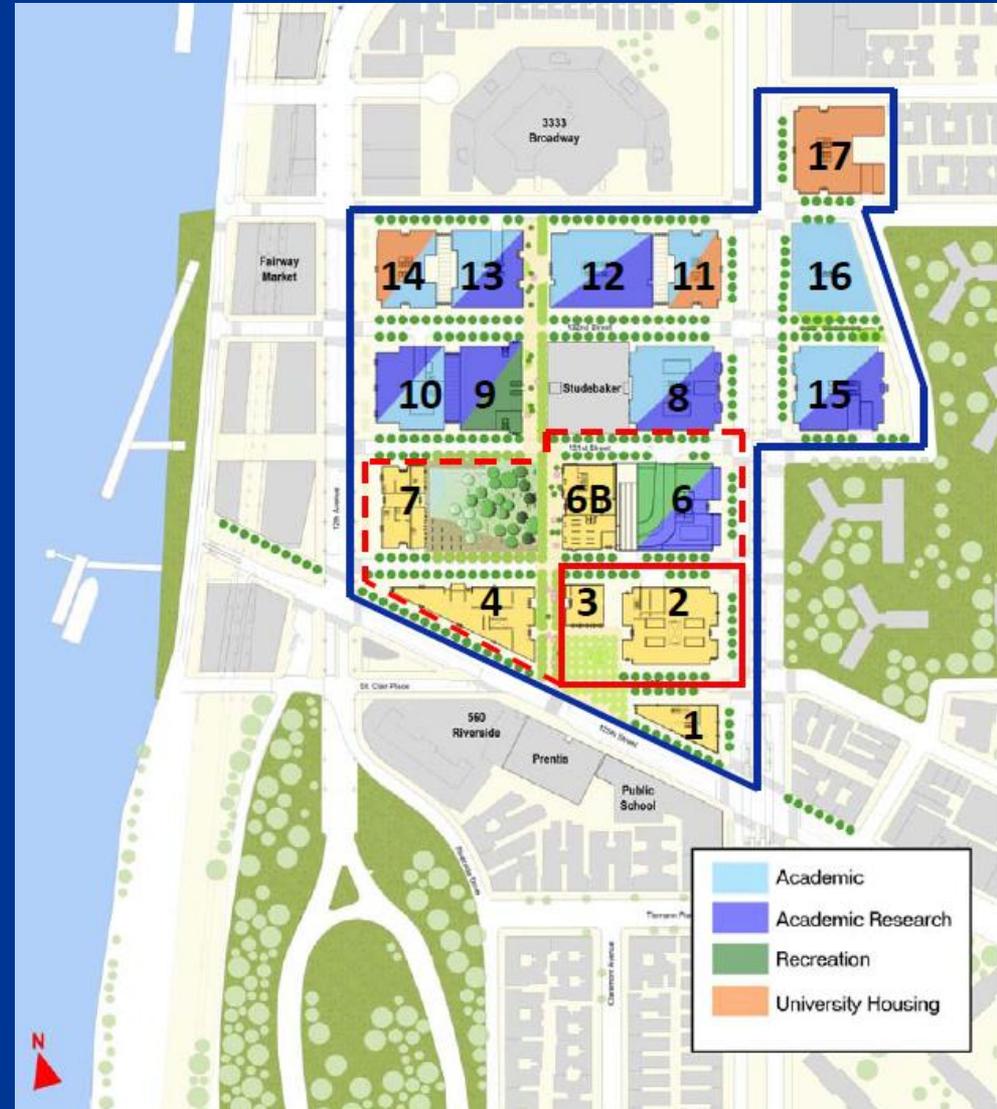
Phased Development

Phase 1

- Site 1: University Forum
- Site 2: Jerome L. Greene Science Center and Central Energy Plant
- Site 3: Lenfest Center for the Arts
- Site 4: School of International and Public Affairs
- Sites 7 & 6B: Columbia Business School

Permitted Uses

- Site 6: Academic Research / Recreation
- Site 8: Academic Research / Academic
- Site 9: Recreation / Academic Research
- Site 10: Academic Research / Recreation
- Site 11: University Housing
- Site 12: Academic Research / Academic
- Site 13: Academic Research / Academic
- Site 14: University Housing / Academic
- Site 15: Academic Research / Academic
- Site 16: Academic
- Site 17: University Housing



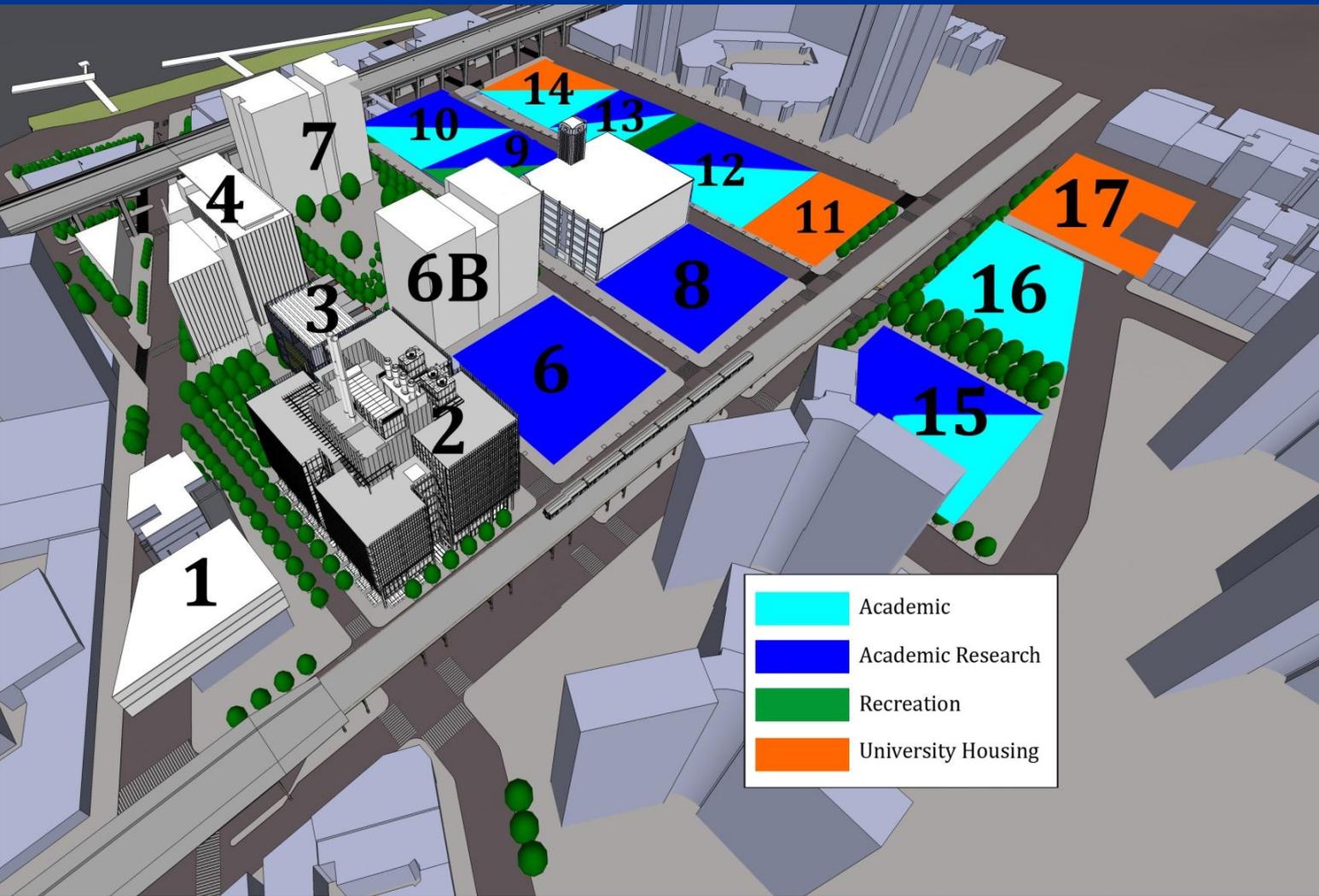
Project Boundary

Slurry Wall

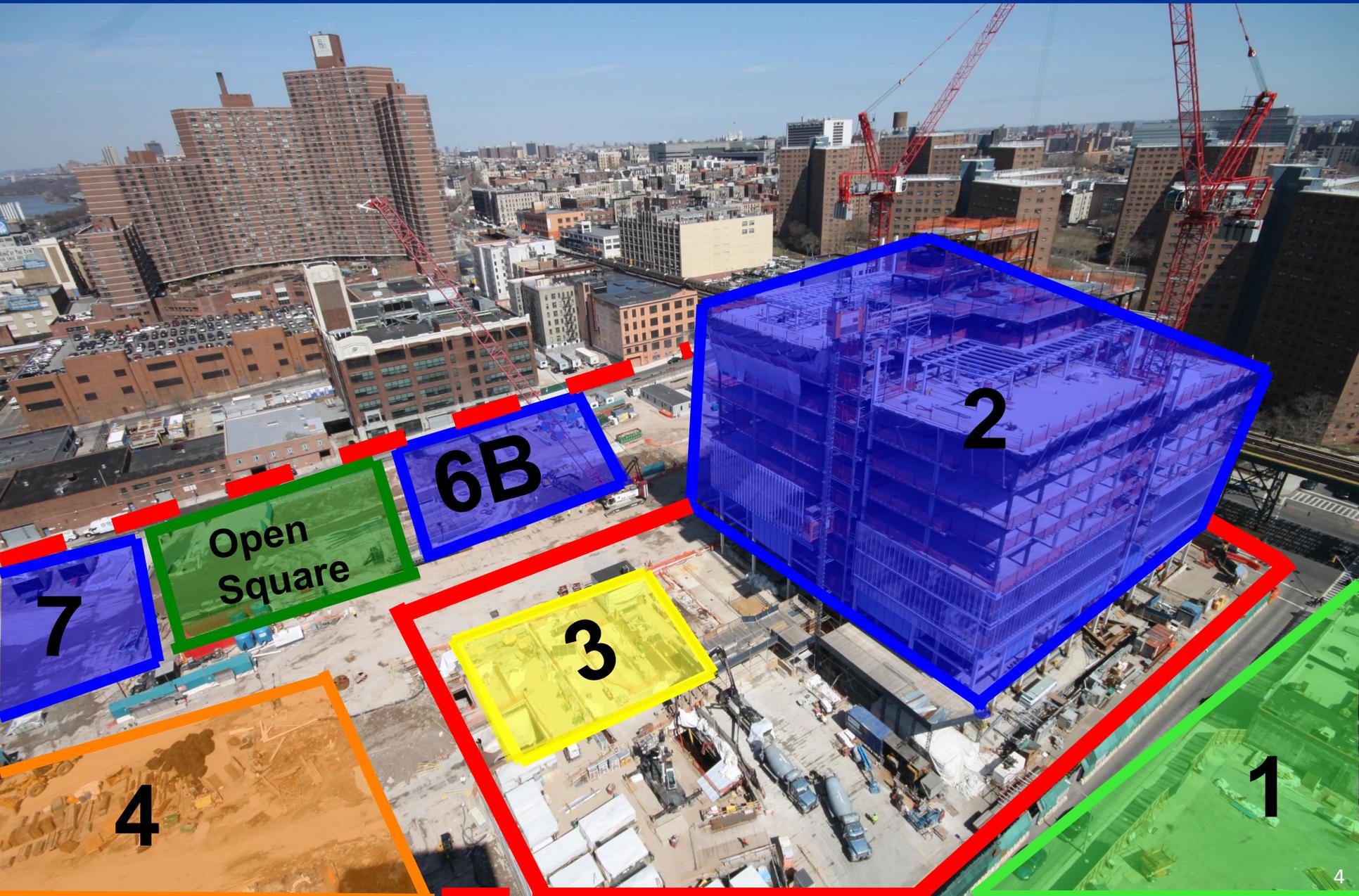
Phase 1A Below Grade

Manhattanville Site Plan

- Site 1**
The University Forum
- Site 2**
Jerome L. Greene Science Center
- Site 3**
Lenfest Center for the Arts
- Site 4**
School of International & Public Affairs
- Sites 6B + 7**
Columbia Business School
- Site 6**
Academic Research



Current Site Conditions & Future Construction



Current Site Conditions



Mville Panoramic View

Project Communication Materials

Construction Update



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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

Construction Activities for the Weeks of: April 14, 2014 and April 21, 2014

What is happening

Slurry Wall and Foundations

- Installation of foundation walls and other foundation elements to support the new buildings that will be constructed above the below grade space. This project is located within the eastern portion of the block bordered by West 129th Street, West 130th Street, Broadway, and 12th Avenue.
- "Top-Down" construction work to complete
- Installing stone for drainage system on the Jerome L. Greene and Central Energy Plant mat slab

West 130th Street Work (between Broadway and 12th Avenue)

- Installation of new structure in a portion of the area below grade that will allow for future development. Additionally, this structure will support the new street construction that consists of new road pavement, sidewalks, curbs, utilities and street lighting.
- Excavation and removal of the existing soil
- Installation of drilled shaft foundations

Jerome L. Greene Superstructure

- Masonry is being installed in below grade levels
- Egress stairs being installed in below grade levels
- Building air handling units are being installed on 2nd floor
- Metal facade panels are being installed on 2nd floor
- Glass facade panels are being installed on 3rd through 6th floors
- Mechanical, electrical, and plumbing piping and ductwork is being installed on 3rd floor through 6th floor
- Elevator shaft framing is being installed
- Bolting and welding of the steel is being completed
- Concrete floors being poured on upper levels

Leaflet Center for the Arts

- Mobilization of construction equipment including generators

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

(Over)

Construction Update

Weeks of April 14, 2014 and April 21, 2014



April 2014 Update



Growing Together

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

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 129th/129th to 131st 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 Leaflet Center for the Arts, a new home for the Columbia Business School, and an academic conference center. 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

Central Energy Plant

Installation of electrical grounding system is ongoing. Preparation of steel framework for cooling towers on the roof of Jerome L. Greene Science Center will be ongoing in April. Structural slab concrete pour is near completion.

Leaflet Center for the Arts

Structural Steel fabrication is in progress. Erection of steel and interior stair will be performed concurrently.

Abatement and Demolition

Abatement and demolition is planned at select University-owned buildings within the block bordered by Broadway, West 129th Street and West 129th Streets. Site setup, including the installation of a construction fence, for future abatement and demolition will occur in May/June 2014. The installation of construction fences will require sidewalk closures on Broadway, 129th and 129th Streets.

Slurry Wall and Foundations

Concrete slab is being formed and poured for the ongoing construction of the Jerome L. Greene Science Center. Scaffolding equipment to be installed.

Jerome L. Greene Science Center

Concrete placement, steel framing, spray fireproofing, egress stairs, building enclosure and MEP installations are ongoing.

130th Street Work

Installation of new structure in a portion of the area below grade that will allow for future below grade development. Additionally, this

structure will support the new street construction that consists of new road pavement, sidewalks, curbs, utilities and street lighting.

- Excavation and removal soil.
- Installation of new drilled shaft foundations.

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
 - Additional work hours, until 10pm on weekdays, may be required to complete concrete pours that began during regular work hours.
 - Weekend work may be performed.
 - Above and below grade hoists are operational.
- Closure of certain traffic lanes, parking lanes, sidewalks and crosswalks, including:
 - No standing on West 129th Street between Broadway and West 129th Street.
 - West 130th Street between Broadway and 12th Avenue is anticipated to remain closed until the summer of 2015.
 - There will be a parking zone in effect on the west side of Broadway from 130th to 131st Streets beginning in April 2014. The existing construction fence will be relocated to the curb line and the existing Broadway sidewalk will be closed from 130th to 131st streets. The parking lane will be used as a temporary sidewalk and barriers will be installed to separate pedestrians from traffic.

More specific information about construction impacts can be found in our weekly construction updates at campusplan.columbia.edu. 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. #UH

April 2014 Update



COLUMBIA UNIVERSITY Neighbors Home | Site Map | Community Calendar | Español



HOME PLANNING, DESIGN & CONSTRUCTION COMMUNITY ENGAGEMENT JOBS AND OPPORTUNITY FAQ NEWS AND RESOURCES

Welcome (en español)

As new fields of knowledge emerge, the nation's universities are growing to support the expanding missions of teaching, research, public service, and patient care. With only a fraction of the space enjoyed by our leading peers across the country, Columbia has had to face an especially critical need for space in a dense urban environment.

While Columbia is a globally respected academic center, it is also a vital local New York institution, committed to the economic, intellectual, social, and cultural vitality of our neighborhoods and city. In that spirit, together with our West Harlem neighbors, elected representatives, and civic leaders, Columbia has developed a plan for a mixed-use academic center that provides a long-term future of shared opportunity in the old Manhattanville manufacturing zone of West Harlem.

In May 2009, New York State's Public Authorities Control Board granted the final public approval for the University's plan. The successful state process followed the December 2007 vote of 35-5 by the New York City Council approving the rezoning of the project area from light industrial to mixed-use academic purposes. Columbia also reached a final community benefits agreement with the West Harlem Local Development Corporation that will support an expansion of educational, cultural, health care and civic programs involving the University and the local community.

The 17-acre site that the University will develop is just north of Columbia's historic Morningside Heights campus and consists primarily of the four large blocks from 129th to 133rd Streets between Broadway and Twelfth Avenue ([see map](#)), including the north side of 129th Street, as well as three properties on the east side of Broadway from 131st to 134th Streets.

Columbia's comprehensive plan, limited to these blocks, moves away from past ad-hoc growth of University buildings. Gradually over the next quarter-century, this carefully considered, transparent, and predictable plan will create a new kind of urban academic environment that will be woven into the fabric of the surrounding community.

News

Construction Updates
Columbia's Proposed Institute for Data Sciences and Engineering in Manhattanville

Newsletter - Growing Together (November 2013)
Manhattanville Open House and Information Session, Jan. 27

Bid/Design Opportunities in Manhattanville
West Harlem Community Benefits Agreement
More News



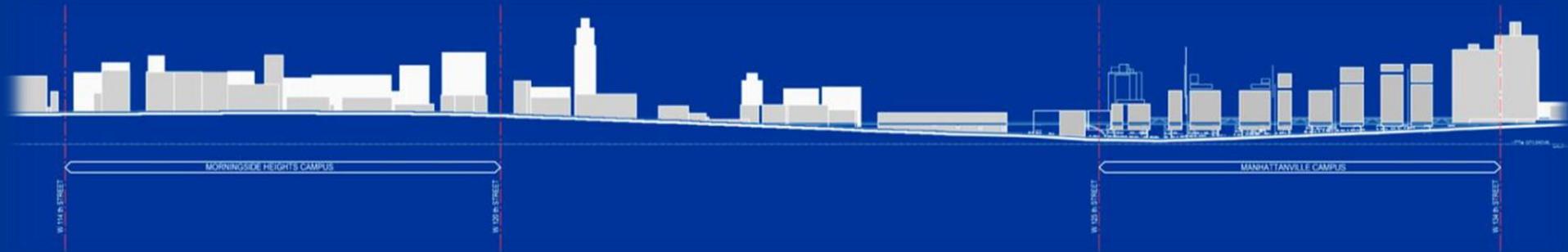
Manhattanville Video Tour
View a video tour of the proposed expansion site in the old Manhattanville manufacturing zone in West Harlem.

View a series of slide shows describing Columbia's proposal:

Design Principles
Open Space and Accessibility

- Construction updates are available online at: <http://campusplan.columbia.edu>
- A listing of community services are available online at: <http://columbia.edu/communityservices>
- Open House Information Sessions (last held in March 2014)
- Call our 24/7 telephone hotline at 212-854-2222
- Email us at projx@columbia.edu

Discussion



Columbia University Manhattanville in West Harlem Mixed Use Academic Development