



CHAPTER 4

A VISION FOR THE CAMPUS OF 2016

The Campus Plan consists of a vision for the campus of 2016, as well as a detailed framework and set of recommendations for how to get there. The following pages describe the vision, highlighting the areas of greatest transformation. This vision will come into focus over the course of time, as the plan is interpreted through the process of implementation, and as architects, landscape architects, and engineers develop specific designs for each individual project. The vision describes how each of these parts contributes to a complete portrait of the Princeton campus.

Campus Plan Key Initiatives

A plan cannot be merely a collection of accommodations for needed facilities and infrastructure; all of these elements must coalesce into a coherent, beautiful, and inspiring vision for the future campus.

The vision for the complete campus of 2016 is shown in the following pages in “soft focus.” The images give an overall impression of the campus neighborhoods of the future, but do not seek to describe exactly how future buildings and landscapes may look, as many of them have yet to be designed. Instead, they describe how together the numerous projects will add up to a larger idea of the campus.

The exact details of this vision will come into focus over time, as specific needs and constraints are understood, and as individual architects, landscape architects, and engineers develop their designs, drawing inspiration and guidance from the Campus Plan. A balanced interplay between the whole and the parts is key to successful campus design: this plan, therefore, provides a framework and creative stimulus to build upon. Designers and others charged with implementing its components must have clear objectives to follow in order that each discrete intervention, whether large or small, contributes to the overall integrity of the entire campus.

THE BIG IDEAS

A comparison of the maps on pages 50–53 highlights the areas of most significant change as proposed by the Campus Plan.

The first map shows the campus during the early stages of the planning process in 2006. At that time, two major projects had begun construction: Whitman College and the Lewis Library. While both of these facilities were designed before this plan was developed (notably in very different architectural idioms), much attention has been paid in the Campus Plan to their integration into the new vision for the campus, particularly by introducing appropriate landscape settings and vistas.

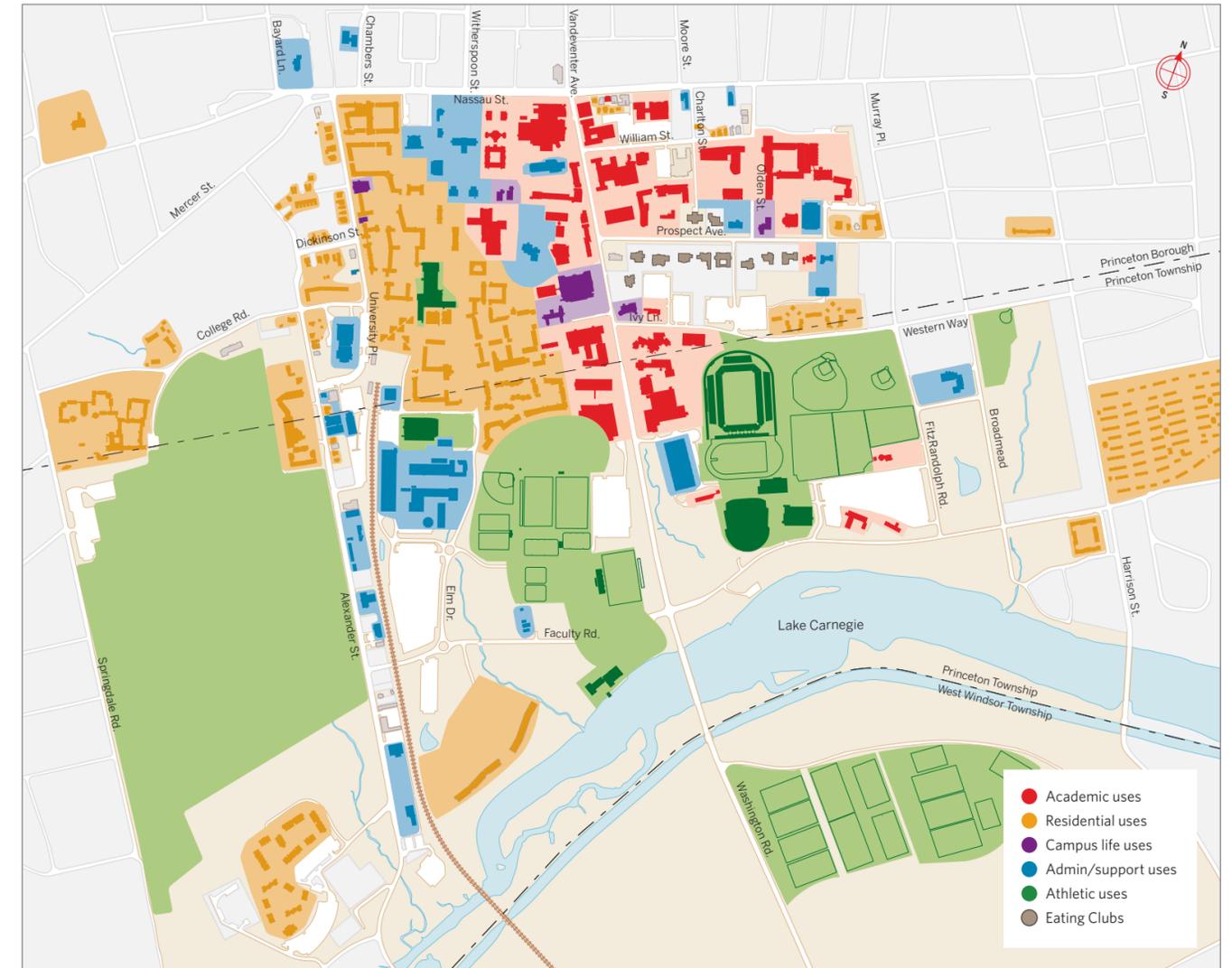
The second map shows the campus as it would appear in 2016 according to the recommendations of the Campus Plan. By this time, Whitman College and the Lewis Library will have long been complete and new landscaping and infrastructure will weave them into the fabric of the campus. At the Lewis Library, for example, the Sciences Green will create a spacious and elegantly landscaped open space setting for this Frank Gehry-designed landmark, previously hemmed in on all sides by roads and service areas.

A series of new building projects proposed by the Campus Plan are also shown. New buildings will be generally clustered in new or expanded academic districts to the south, east, and west of the core campus. These “campus neighborhoods” form a core element of the vision: the concentration of academic facilities with strong departmental and collaborative ties in these neighborhoods will nurture a sense of local community within the larger connected community of the University as a whole.

The campus neighborhood developments encompass President Tilghman’s most significant academic initiatives, including the Peter B. Lewis Center for the Arts, the Neuroscience Institute, the expansion of operations research and financial engineering, a major addition to the School of Engineering and Applied Science, and new, state-of-the-art facilities for chemistry and psychology. Several other projects and renovations of existing buildings will create room for expanded programs in the humanities, social sciences, and other areas, new housing initiatives, and improved spaces for campus life and athletics.

In addition to academic, housing, and campus life developments, the plan recommends critical infrastructure projects to support campus growth, including a new central Data Center, a Transit Plaza, a reconstructed New Jersey Transit Dinky rail station with expanded amenities and inter-modal transportation connections, and a major new parking facility east of the stadium.

The Campus Plan also proposes an extensive network of improved or new green spaces. This scale of landscape improvement has not been undertaken by the University since the early part of the 20th century, and it will be essential to ensure the successful integration of so many new buildings. The landscape proposals take two major forms: the extension and restoration of campus landscapes—greens, pathways, and formal plantings—from the historic core to new campus neighborhoods; and the extension and restoration of natural features—woodlands, ravines, and stream watersheds—from the lake valley up into the campus.



CAMPUS FACTS

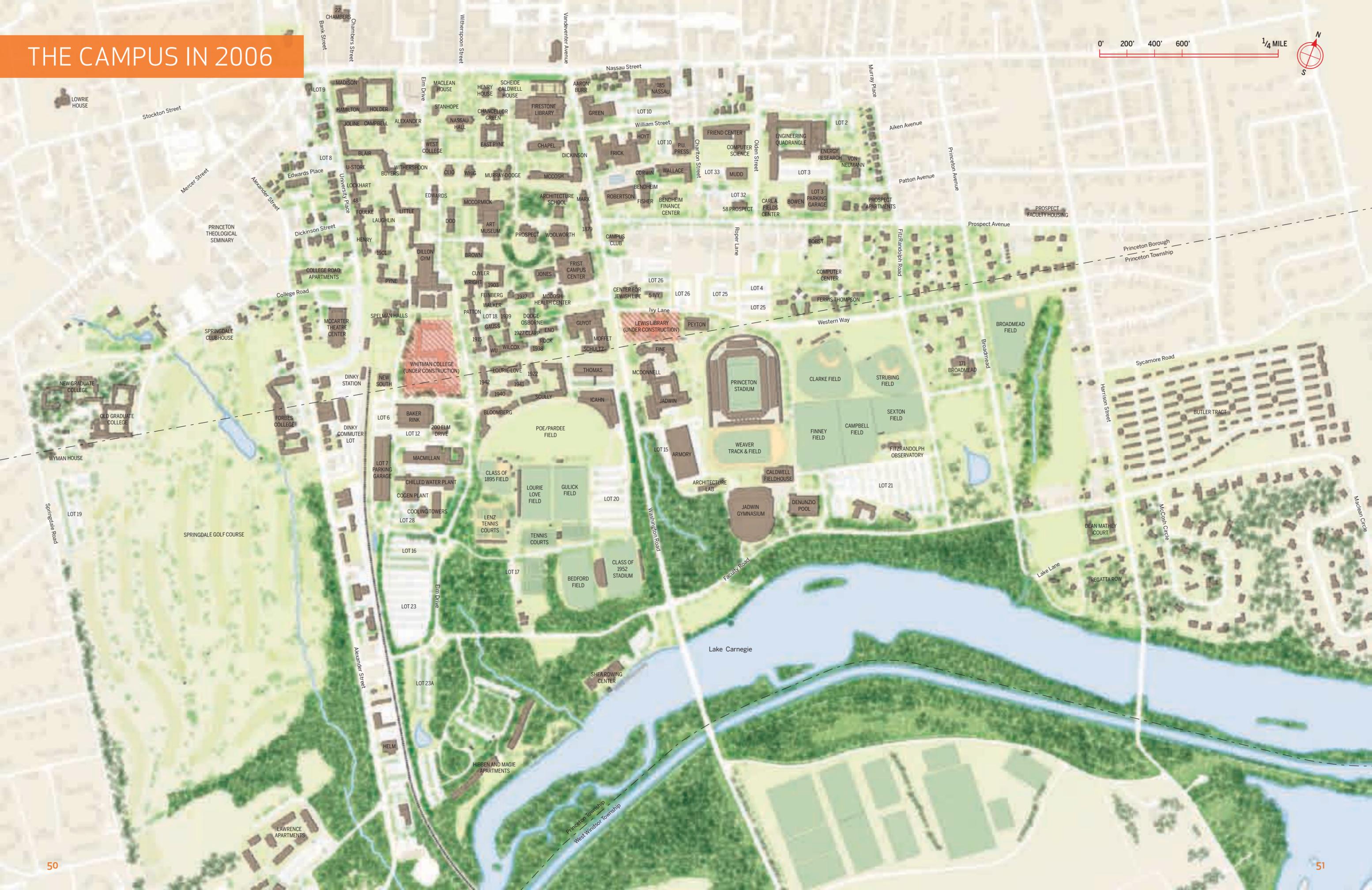
	2006	2016
Land Area (approximate acres)		
Main Campus	380	380
Springdale Golf Course	144	144
Butler Tract and Gray Farm	113	113
West Windsor Fields	375	375
Building Area (approximate square feet)		
Academic	3.8 million	4.7 million
Administrative and Support	1.6 million	2.1 million
Athletics	0.9 million	0.9 million
Undergraduate Housing	1.7 million	1.9 million
Graduate Student Housing	0.9 million	1.1 million

	2006	2016
Population (full-time)		
Undergraduate	4,800	5,200
Graduate	2,328	Approx. 1%*
Faculty	1,139	Approx. 1%*
Staff	4,260	Approx. 1%*
Academics and Campus Life		
Academic Departments	34	34
Residential Colleges	5	6
Eating Clubs	10	11
Varsity Teams	38	n/a
Club Sports	40	n/a
Intramural Teams	300	n/a
Student Organizations	230	n/a

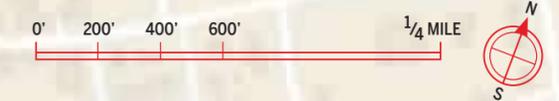
* annual growth

THE CAMPUS IN 2006

0' 200' 400' 600' 1/4 MILE



THE CAMPUS PLAN



Core Campus

No major new development is planned. Extensive restoration of the campus landscape will revitalize historic spaces while meeting modern functional needs. Projects include reconstruction of campus greens and pathways and a tree-planting program across the entire area: **Holder Court restoration** (completed in fall 2007); **McCosh Walk restoration**; **Blair Walk restoration**.

Prospect Avenue and William Street Neighborhood

This area will be more integrated with the core campus as existing science buildings are vacated and reused, the E-Quad is expanded, and landscape improvements extend the sense of campus to the area: **Renovation of Green, Frick, and Hoyt Halls** for humanities and social sciences expansion; **Renovation of 185 Nassau Street** for expanded programs in the visual arts and creative writing; **Operations Research and Financial Engineering building**; **School of Engineering and Applied Science expansion**; **Landscape improvements**; **Carl A. Fields Center for Equality and Cultural Understanding relocation and expansion**; **Renovation of the former Campus Club** as a student life facility.

Arts and Transit Neighborhood

Redevelopment of a large area at the campus edge will create a dramatic new gateway, with public plazas, cultural and retail spaces, and reconfigured roads and transportation systems to improve traffic flow and transit connectivity: **The Arts Plaza**, framed by the **Peter B. Lewis Center for the Arts**, a restaurant and café, and located across from the McCarter and Berline theaters; **The Transit Plaza**, connection point for the NJ Transit Dinky rail service, commuter and campus parking, regional and local buses, a community jitney, campus shuttles, a bike station, the Wawa convenience store, and a new Dinky station building.

Ivy Lane and Western Way Neighborhood

East of Princeton Stadium, the existing athletics fields and parking areas will be reconstructed to create an improved and strengthened athletics neighborhood and a major new parking facility, located within convenient walking distance of most major academic buildings: **New parking facility**; **Flexible athletics practice fields**; **New Clarke Field baseball stadium**; **New rugby field**; **Expanded child care facilities**.

Natural Sciences Neighborhood

Supporting interdisciplinary collaboration and research in existing and new natural sciences programs, this neighborhood will be linked by a pedestrian footbridge over Washington Road. New construction will enable the natural woodlands and streams of the area to be restored and enhanced, and will create a major new campus green space: **Neuroscience and Psychology buildings**; **Chemistry building**; **Streicker Bridge**; **Restoration of Washington Road ravine, woodlands, and stream**; **Lewis Library** (opening in 2008); **Sciences Green**.

Campus Housing

The plan accommodates the planned increase in the undergraduate population from 4,700 to 5,200 by 2012, and reconfigures and improves housing for faculty, staff, and graduate students: **Whitman College** (completed in fall 2007); **New Butler College** (opening in 2009); **Renovation of Hibben and Magie** for graduate students (interior only); **Reconstruction of the Butler Tract** for faculty and staff; **New apartments at Dean Mathey Court** for faculty and staff.

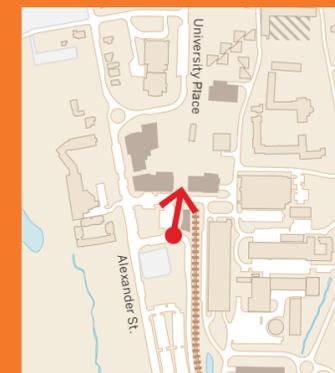


Transit Plaza in the new Arts and Transit Neighborhood

Commuters arrive at the new NJ Transit Station on foot and by bus, bicycle, or car. The former Dinky station building, 460 feet to the north, is a short walk away along a broad landscaped path. The Transit Plaza will include the Wawa store and other retail facilities for commuters.

ARTS AND TRANSIT NEIGHBORHOOD P82

View looking north toward the new Arts Plaza



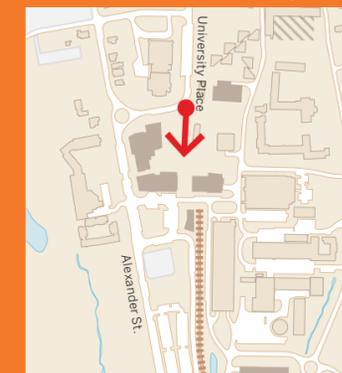


Arts Plaza in the new Arts and Transit Neighborhood

Enjoying the new Arts Plaza, patrons dine at a café in the former Dinky station building. Students and local residents walk along a generous shaded walkway connecting the historic campus and downtown with the new NJ Transit Station just beyond.

**ARTS AND TRANSIT
NEIGHBORHOOD P82**

View looking south toward
the new Dinky station





The redesigned New South Green

Students and visitors lie out on a newly landscaped lawn and enjoy a performance or open rehearsal at the Experimental Media Studio. The Whitman College archway in the distance is reframed as a campus gateway that is visible and accessible from the Arts Plaza. New South is visible to the right.

**ARTS AND TRANSIT
NEIGHBORHOOD P82**

View looking east toward Whitman College





The Ellipse, new Neuroscience and Psychology buildings, and Streicker Bridge

A stroll along the sweeping arc of the Ellipse leads past Icahn Laboratory to the new Neuroscience and Psychology buildings. Streicker Bridge crosses over Washington Road, leading to the new Chemistry building and the athletics neighborhood.

**NATURAL SCIENCES
NEIGHBORHOOD P88**

View looking east toward Icahn Laboratory

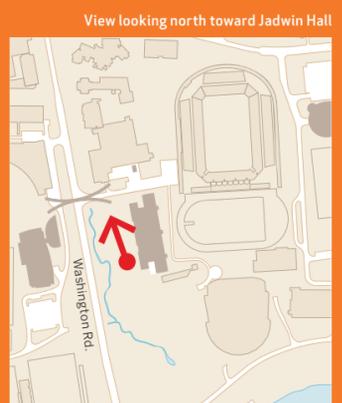




Nature pathway west of the new Chemistry building

People jog and stroll along the nature path leading to Streicker Bridge. Newly restored woodlands and planted stormwater treatment landscapes frame a pastoral setting around the Chemistry building and along Washington Road, where the Armory building and a parking lot were previously located.

NATURAL SCIENCES NEIGHBORHOOD P88





Redesigned Sciences Green

Students relax in the sun and shade of the Sciences Green outside Fine Hall, Princeton Stadium, and the new Lewis Library. With new pedestrian pathways, this major new outdoor space serves as the centerpiece of the Natural Sciences Neighborhood.

**NATURAL SCIENCES
NEIGHBORHOOD P88**

View looking west toward
Lewis Library and Fine Tower



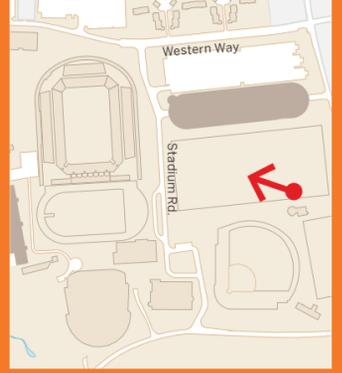


New garage and athletic fields

Improved practice fields east of Princeton Stadium belong to a consolidated athletics neighborhood forming a green belt on the southern edge of campus. The new parking garage located along Western Way is convenient to the most heavily populated areas of campus.

IVY LANE AND WESTERN WAY NEIGHBORHOOD P96

View looking west across practice fields toward Princeton Stadium

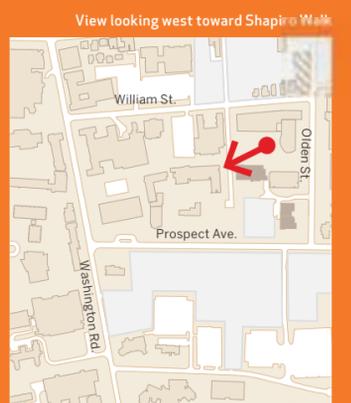




New ORFE building and an improved Shapiro Walk

The new Operations Research and Financial Engineering building and surrounding campus landscapes enliven Shapiro Walk. Used by students, faculty, and staff, this major pathway runs through the heart of this academic neighborhood, connecting the E-Quad with Scudder Plaza and McCosh Walk in the historic campus.

PROSPECT AVENUE AND WILLIAM STREET NEIGHBORHOOD P100





A restored and enhanced Blair Walk

With new paving and plantings, Blair Walk is restored to its historic character. In the tradition of Princeton's processional pathways, it extends southward along its axis to connect the Core Campus to the new Arts and Transit Neighborhood.

CORE CAMPUS P80

View looking north toward Blair Arch

