

INSTITUTIONAL MASTER PLAN 2017

“The mission of Brown University is to serve the community, the nation, and the world by discovering, communicating, and preserving knowledge and understanding in a spirit of free inquiry, and by educating and preparing students to discharge the offices of life with usefulness and reputation. We do this through a partnership of students and teachers in a unified community known as a university-college.”



CONTENTS

Executive Summary	5		
Planning Context	8	University Priorities	28
Building on Distinction.....	8	Project Seeking Approval.....	28
Handbook for Physical Planning.....	8	- Watson Institute Expansion.....	28
Community Engagement.....	9	Anticipated Projects over Next 10 Years.....	29
Campus Footprint	10	- Potential New Construction.....	29
Campus History.....	10	- Renovation / Renewal Projects.....	29
Existing Campus & Property Holdings.....	15	- 450 Brook Street Update.....	30
Recent Changes in Property Holdings.....	15	- Brown to Brown Home Ownership Program.....	32
- Recent Construction.....	16		
- Proposed Construction.....	16	Appendices	33
- Proposed Demolitions/Relocations.....	16	A. Payments to the City.....	34
- Proposed Changes to Streets.....	16	B. Plans Needing Zoning Board or Council Action.....	35
Campus Infrastructure	18	C. Buildings Owned or Leased by Brown, Arranged by Plat and Lot Number.....	36
Pedestrian Improvements.....	18	D. Index of Institutional Master Plan Submittal Requirements.....	44
Transportation Demand Management.....	19		
Parking Plan.....	19		
Transportation Study.....	21		
Brown University Impacts	23		
Tree Canopy Inventory.....	23		
Landscape Inventory.....	24		
Community Asset Map.....	25		
Sustainability Summary.....	26		
Stormwater Master Plan Summary.....	27		



 BROWN
EXCELL/NG
TOGETHER

EXECUTIVE SUMMARY

In 2013, the Corporation of Brown University adopted the Handbook for Physical Planning. This document and subsequent area master planning studies continue to be the foundation for the development of the campus and, more specifically, the projects contained within this Institutional Master Plan. Because of this planning and the strategic vision articulated in the *Building on Distinction* strategic plan, Brown continues to expand on progress made in the previous decade. Since 2011, \$162 million has been invested in new construction projects, and \$310 million has been applied to major renovations (projects greater than \$1 million). More than \$41 million of infrastructure renewal funding has been committed to keeping the institution operating, and more than \$2.6 million has been allotted for public realm improvements in sidewalks, streets, and parks. With its growing presence in the Jewelry District, an international reputation for excellence, and a focus on expanding research and technology transfer, it is clear that Brown's success and the success of Providence are directly connected.

Now more than ever, Brown's planning efforts need to be carefully coordinated with the City, other institutions, and public agencies to ensure that the whole is greater than the sum of the parts. To facilitate this, Brown University is submitting the following Institutional Master Plan, which outlines the University's plans for physical development over the next 5 to 10 years.

It should be noted that planning for Brown's evolving campus does not stop. Several planning efforts are underway that have not yet coalesced into specific projects, but they are expected to within this time period. For example, the University has identified the need for additional research space to support thriving activities such as ongoing growth in the School of Engineering, Brown Institute for Brain Science, and Brown Institute for Translational Sciences. The University is also evaluating plans for new residence halls, new health/wellness facilities, and bringing our performing arts facilities more in line with peer institutions. As these plans evolve into specific proposals, they will be added to this plan as amendments.

Many of the projects listed in this plan require complex multi-year efforts, including planning and design, phased construction, and fundraising, all of which are subject to change. The intent is to provide a general overview of significant changes being proposed, including improvements in the public right-of-way, new buildings, renovation projects that alter the building use, demolitions, and changes in real estate holdings. It is not the intent of this plan to provide a detailed list of all projects the University will undertake. Typically, the University performs nearly 200 small construction projects each year, including maintenance projects and fit-out projects required to accommodate the needs of certain academic or

EXECUTIVE SUMMARY



South Street Landing Diagram

administrative units. These projects are not included in this Institutional Master Plan, as they typically do not affect the overall character of the campus. The projects that are listed in this plan include:

Transportation & Parking

- Improved pedestrian amenities
- Improved shuttle service
- Continued RIPTA UPass
- Expansion of Zip Car program
- Electric vehicle charging stations
- Creation of a Bike Share program
- Increased parking capacity
- Continued off-street parking for contractors for major projects

Changes in Real Estate Holdings:

- 37 Charlesfield Street
- 118-120 Waterman Street
- 193 Hope Street
- 63-65 Charlesfield Street
- 37 George Street
- Expansion of Brown to Brown Home Ownership Program (see page 32)

Proposed Construction Projects

- Watson Institute Expansion (see page 28)

Requested update on 450 Brook Street

- Study underway (see page 30)

Proposed Demolitions / Relocation

No demolitions or relocations requested.

Anticipated Projects Over Next 10 Years

Potential new construction and/or partnership projects:

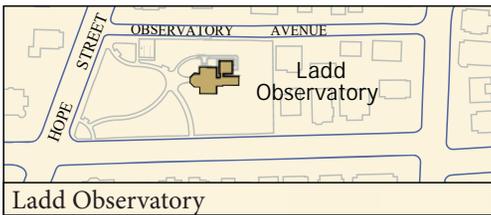
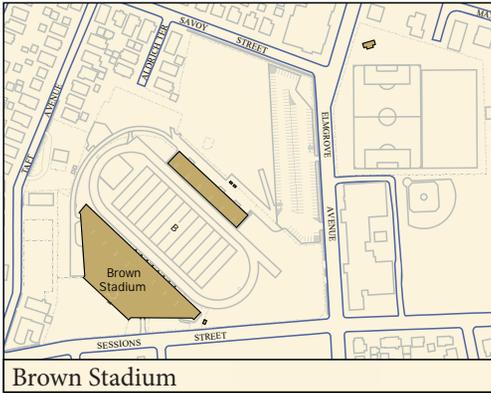
- New Performing Arts
- New Residential
- Health Services / Counseling and Psychological Services
- Medical Research / Brain Science

Renovation/renewal projects:

- Wilson Hall
- Manning Hall
- Marston Boat House
- Classrooms
- Residential/Dining
- Research

Likely development partnership projects, for reference:

- School of Professional Studies
- Nelson Center for Entrepreneurship

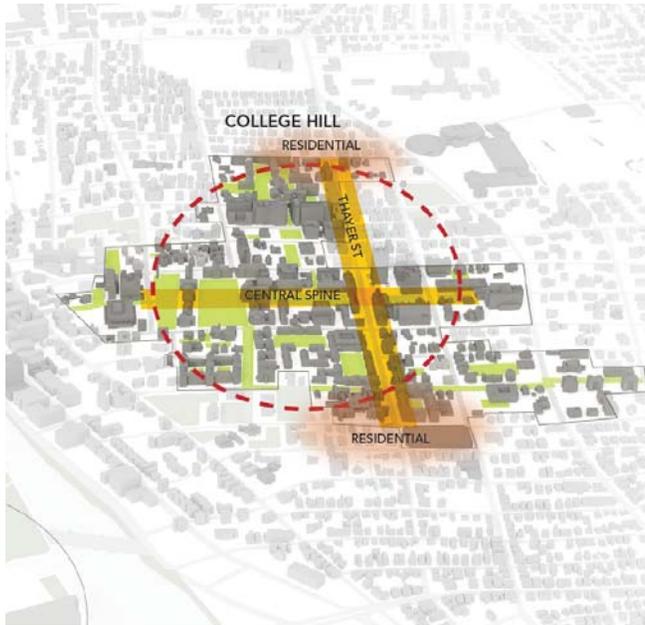


 Brown University Buildings



Campus Map

PLANNING CONTEXT



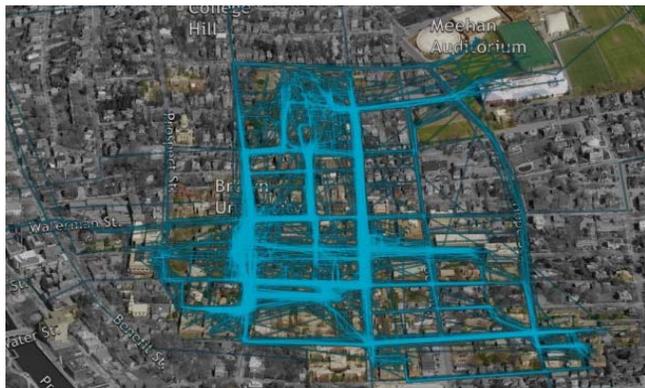
BUILDING ON DISTINCTION

In 2013, the Corporation of Brown University adopted the *Building on Distinction* strategic plan, which established a far-reaching set of goals that will enhance the quality of our academic and campus environment. This plan is constantly monitored and adjusted, and it continues to focus the University's efforts in its pursuit of excellence.

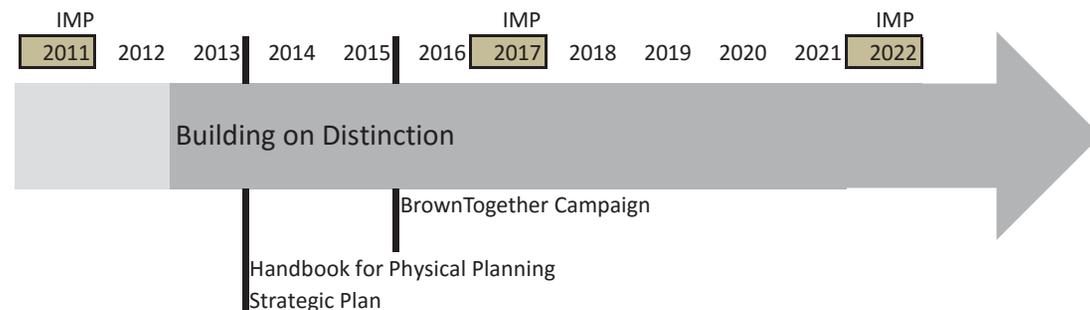
HANDBOOK FOR PHYSICAL PLANNING

In 2013, the Brown Corporation adopted the Handbook for Physical Planning. This handbook serves as a guide for decisions about campus planning and design. The handbook focuses on the following interdependent planning principles:

- Strengthen the physical campus analog for the Open Curriculum
- Prioritize academic uses in the core
- Celebrate the Brown scale
- Energize the core with a mixture of uses
- Engage Thayer Street
- Connect the campus
- Consolidate landholdings and catalyze partnerships



A complete version of *Building on Distinction*, the Handbook for Physical Planning, and many of the area master plans can be found at: http://www.brown.edu/Facilities/Building_Brown/resources/



PLANNING CONTEXT



COMMUNITY ENGAGEMENT

The University's planning process is open and iterative, with regular opportunities for community engagement. Brown staff meet regularly with neighborhood organizations, elected officials, and allied institutions to share Brown's plans for development and solicit feedback. The public engagement process in the development of this Institutional Master Plan was as follows:

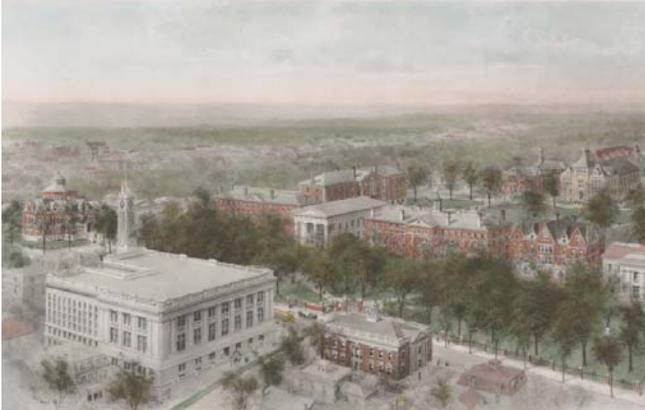
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|----------|--|
| 8/9/16 | Meeting with City Planning Commission Staff |
| 10/1/16 | Public notice in East Side Monthly |
| 10/18/16 | Notification email to elected officials |
| 10/19/16 | Community Working Group |
| 10/25/16 | Notification email/letters to community members |
| 11/1/16 | Thayer Street District Management Association |
| 11/2/16 | Providence Preservation Society Planning & Architectural Review |
| 11/2/16 | Open community forum |
| 11/7/16 | Open community forum |
| 11/10/16 | Open community forum |
| 11/9/16 | City Dept. of Public Works, RI Department of Environmental Management, Narragansett Bay Commission |
| 11/14/16 | College Hill Neighborhood Association |
| 11/16/16 | Bicycle & Pedestrian Advisory Commission |
| 2/28/17 | City Plan Commission meeting |

The University expects to sustain this level of community input even after the Institutional Master Plan approval and as the capital projects included in this plan are developed.

CAMPUS FOOTPRINT



College Hill 1870



Campus Aerial View 1908

CAMPUS HISTORY

Brown University and the City of Providence have been woven together almost from the beginning. As a result, it is difficult to describe Brown's history adequately without also talking about Providence's history. The following excerpt from the Strategic Framework for Physical Planning describes the history of both the campus and the city:

The City of Providence was founded in 1636 by Roger Williams. The site he selected, in the territory of the Narragansett Indians (land not included in the chartered British colony), was on the Eastern shore of the Providence river at the head of Narragansett Bay, at the junction of the Moshassuck and Woonasquatucket Rivers. The early development of the city did not include the construction of churches or a defined town hall or green. The settlers instead laid out a series of strip house lots, which extended back from what today is Main Street. Houses were built at the front of the lots, while orchards and gardens extended east along the length of the narrow plots up the hill away from the river. Providence was mainly an agricultural community until the 18th century, when trading with other colonies, the West Indies, Africa, and England transformed it into a major seaport. This led to dense city fabric of residences, commercial enterprise and new civic buildings along the edge of the waterfront. The population tripled during this period, and by 1776, one third of the

CAMPUS FOOTPRINT



Pembroke College 1910

residents of Providence had established their homes across the river on the Western bank, mainly along today's Weybosset, and Westminster Streets.

As colonial life became more prosperous and Providence became a wealthy, more cosmopolitan society, a new awareness about social standing developed. At the same time, a widespread religious revival was enveloping the new world which fostered the growth of burgeoning ideologies, including a new religious sect called Baptists. This nascent social awareness, coupled with the need to educate the day's new religious leaders, led to the founding of the state's first institution of higher learning.



John Hay Library 1912

Rhode Island College was begun in Newport, Rhode Island in 1764, with James Manning as its first president. In the search for the college's permanent home, however, Providence, as the birthplace of the colony and the seat of the Baptist Church, prevailed, and in 1770 the Corporation quickly erected University Hall, the institution's first building at the top of what is now known as College Hill. The next building, a dormitory called Hope College, was not added to the campus for almost 50 years.

The campus continued to grow slowly but by 1904 all the buildings around the main green had been constructed. The athletic field to the East of the green, called Lincoln Field, was transformed into a

building site for Lyman Gymnasium (1891) and the dormitory, Maxcy Hall (1895). Pembroke College, the companion institution for women (1897) was constructed a few blocks to the North.

In 1901, the Olmsted brothers were engaged by the Corporation to develop a plan for Lincoln Field and areas to the North. The plan completed the arrangement of buildings defining Lincoln Field, proposed an amphitheater to negotiate the grade change between Maxcy and Lyman, and a mid-block walkway North to the Pembroke campus. The plan served as a guide for the building sites, but the landscape elements were never realized.

By 1938, the Brown Campus had grown to include the entire block bounded by Waterman, Prospect, Thayer, and George Streets, as well as other sites beyond the core campus including the new John Hay Library across Prospect Street (1910), Ladd Observatory (1891), and Brown Stadium (1925). At this time several buildings had been completed at Pembroke Campus as well. The University had also begun to acquire houses in the surrounding community.

The years between 1938 and 1975 were a period of rapid expansion. Three major residential quadrangles transformed the area to the South of the campus: Wriston Quadrangle (1951), Keeney Quadrangle (1957), and the Graduate Center

CAMPUS FOOTPRINT



Keeney Quadrangle 1950s



Rockefeller Library 1966



Vartan Gregorian Quadrangle



Macmillan Hall

(1968). To the west, Rockefeller Library (1964) and List Art Center (1970) defined the gateway to the downtown part of the city. To the North, a new Biomedical Center (1969) and the Brown Office Building (1969) began to close the gap between Brown's main campus and the Pembroke campus. Barus & Holley science building (1965), the Sciences Library (1971), and the beginnings of a new athletic complex, Meehan Auditorium (1961) and Smith Swim Center (1973), expanded Brown to the east. The acquisition of the Bryant College Campus in 1969 provided several blocks of land with small residential and academic buildings to the east of Brook Street.

Following 1975, campus athletic facilities continued to grow, with the completion of the Olney-Margolies Athletic Center and Pizzitola Sports Center (1989). Student housing at New Pembroke (1979) and Vartan Gregorian Quadrangle (1991) added new on-campus resources. Major buildings for the sciences in recent years include Geo Chemistry (1982), Watson C.I.T. (1988) and Macmillan Hall (1998), concentrating science buildings along Manning Walk, and the continued growth of bio-medical space along Meeting Street. The Power Street Parking Garage (1988) is the first such facility on the Brown campus.

Beginning in 2000, the effort to “consolidate the core” began to take shape with the construction of the Watson Institute (2002) and the Sidney Frank Life Sciences Building (2006), while non-academic facilities such as the 295 Lloyd Avenue building (2003) hugged the edge of campus. The Granoff Center for the Creative Arts (2011), Nelson Fitness Center (2012), and the new Applied Math Building (2015) began to define “Brown Scale.”

CAMPUS FOOTPRINT



Metcalf Research Building



Rhode Island Hall

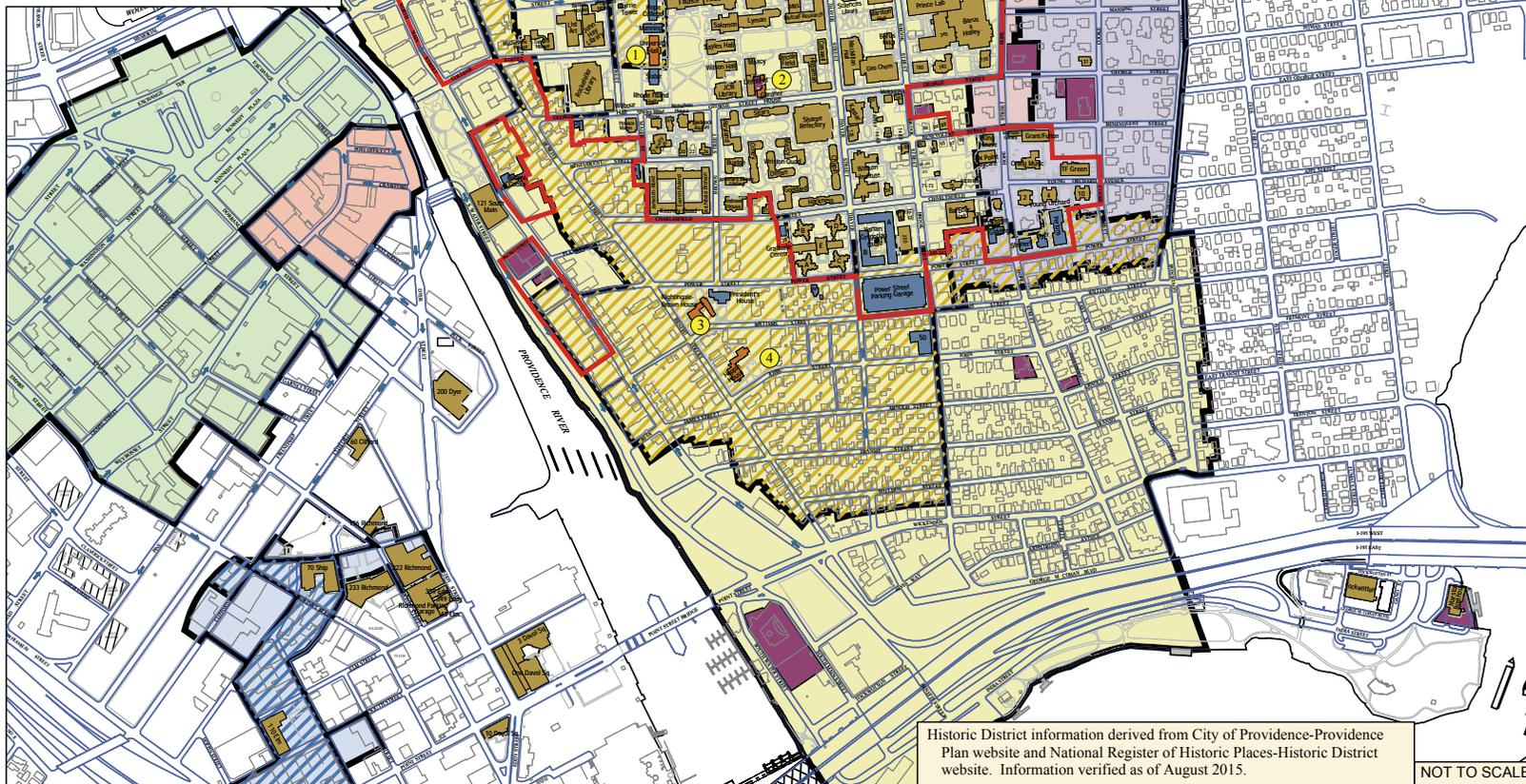
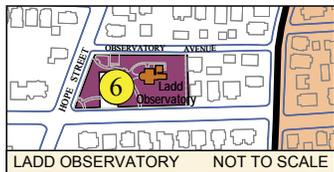
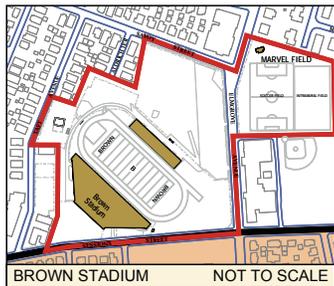


Smith-Buonanno Hall

Adaptive reuse projects, such as Smith-Buonanno Hall, Rhode Island Hall, Pembroke Hall, Metcalf Research Building, Hunter Laboratory, and the joining of buildings on Brown Street for the English Department, indicate a new approach to revitalization of historic buildings on the campus. Similarly, the Watson Institute expansion plans at the corner of Charlesfield and Brook Streets signal a new direction in carefully fitting modern buildings into historic contexts.

Today, the Brown campus contains six buildings listed on the National Register of Historic Places, two of which are identified as National Landmarks (University Hall and Nightingale Brown House). The campus is also overlaid with five National Historic Districts, and all but 80 Brown buildings are identified as contributing structures within these historic districts. As such, any project utilizing federal funds is required to adhere to Section 106 in the National Historic Preservation Act. In addition, many buildings fall within one of three local historic districts, so projects affecting the exterior of these buildings are reviewed by the Providence Historic District Commission.

The map on the following page illustrates the boundaries of the various historic districts and identifies those buildings listed individually on the National Register of Historic Places.



- University Building listed on the Department of the Interior's National Register of Historic Places
- University Building within City Historic District
- Other University Buildings
- Institutional Zone

- Historic Districts**
- National City of Providence
 - College Hill
 - Stimson Avenue
 - N/A Hope Street
 - N/A Cooke Street-Power Street
 - Jewelry Manufacturing
 - N/A Custom House
 - N/A Downtown
 - N/A Freeman Plat
 - N/A Providence Landmark District

- University Buildings listed on the Department of the Interior's National Register of Historic Places**
- 1770 University Hall
 - 1806 Gardner House
 - 1792 Nightingale-Brown House
 - 1855 Hoppin House
 - 1887 Corliss-Brackett House
 - 1891 Ladd Observatory



Historic District information derived from City of Providence-Providence Plan website and National Register of Historic Places-Historic District website. Information verified as of August 2015.

NOT TO SCALE



CAMPUS FOOTPRINT

EXISTING CAMPUS & PROPERTY HOLDINGS

Brown University, founded in 1764, is a teaching and research institution with approximately 6,600 undergraduate students, 2,200 graduate students, 4,400 full-time employees, and 500 medical students. It currently owns 226 buildings totaling nearly 6.8 million square feet. Most buildings are located on College Hill and in the Jewelry District, within a half mile from the historic College Green. A few specific functions are located beyond this, including the Brown Stadium almost two miles north of the center of the campus, the Marston Boathouse and one warehouse located on India Point, historic Ladd Observatory located on Doyle Avenue, and the Library Annex and other support facilities located at 10 Park Lane. Brown also owns a 339-acre property in Bristol, RI, which includes a museum and research facilities. In addition, the University leases approximately 118,000 square feet located in the College Hill area, the Jewelry District, and Butler Hospital.

Building usage generally reflects the historic growth pattern of the campus. Most academic space is clustered around the core of the campus – the College Green, Lincoln Field, Manning Walk, The Walk, and Pembroke Campus. Residence Halls are clustered on the north and south ends of campus, specifically on the northern Pembroke campus, south of the College Green in Wriston and

Kenney Quads – both built in the post-war years - and in and around the former Bryant Campus. Athletic facilities are grouped to the northeast of campus on the former Aldridge Dexter Asylum. In between there are a number of houses, many of which have been acquired and adapted over time to serve various academic and administrative functions. Several of these houses are significant contributors to the ambiance of the University and the neighborhood, and some are historic structures of national importance.

RECENT CHANGES IN PROPERTY HOLDINGS

Since the 2011 Institutional Master Plan, the University has made changes in property holdings reflecting the planning principles in the Handbook for Physical Planning, including both the sale of underutilized properties, primarily as part of the Brown to Brown Home Ownership Program, and acquisitions in key locations. Several properties were reported in Amendments 2 and 3 of the 2011 IMP.

New changes since Amendment #3, dated May 2016:

- Sale of 37 Charlesfield Street (Brown to Brown)
- Acquisition of 118-120 Waterman Street (Farview, Inc.), a two-story commercial office building with Citizens Bank occupying the ground floor. Citizens will continue to occupy the ground floor pursuant to a long term lease.
- Gift of 193 Hope Street (excluding carriage house)

on December 30, 2016. This property is subject to easements that restrict use to (2) residential dwelling units. University does not intend to keep ownership of the house and will be marketing it for sale in 2017 to owner-occupants only.

The University has two additional transactions that are pending:

- Acquisition of 63-65 Charlesfield Street (closing planned for January, 2017) a four-story student apartment house, which will be renovated as part of the Watson Institute expansion.
- Acquisition of 37 George Street (Spring 2017), a single family residence located within the I-2 zone and which will then likely be re-sold in 2017 as part of the Brown to Brown program.

For a complete list of the buildings owned or leased by Brown University, arranged by plat and lot numbers, see Appendix C.



CAMPUS FOOTPRINT



School of Engineering

RECENT CONSTRUCTION (since last full IMP in 2011)

ACADEMIC and LIBRARY

- 121 South Main Street, Renovations for the Math Institute
- Barus & Holley Infrastructure Upgrade Phase 1
- 85 Waterman, Renovation for IBES
- Metcalf Chemistry Building, Renovation for CLiPS
- New Applied Math Building
- John Hay Library, Reading Room Renovations
- Sciences Library Renovation of Floors 5 - 10
- School of Engineering Building (in construction)

RESIDENCE HALLS

- 315 Thayer Street, Conversion to Residence Hall
- Keeney Quad Renovation
- Pembroke Quad Renovation of Miller, Metcalf and Andrews
- Andrews Hall Commons renovation

ATHLETIC

- Nelson Fitness Center & Katherine Moran Coleman Aquatics Center

PROPOSED CONSTRUCTION

Watson Institute Expansion (see page 28-29)

ANTICIPATED CONSTRUCTION

450 Brook Street (see page 30-31)

PROPOSED DEMOLITIONS/RELOCATIONS

No demolitions or relocations requested at this time.

PROPOSED CHANGES TO STREETS

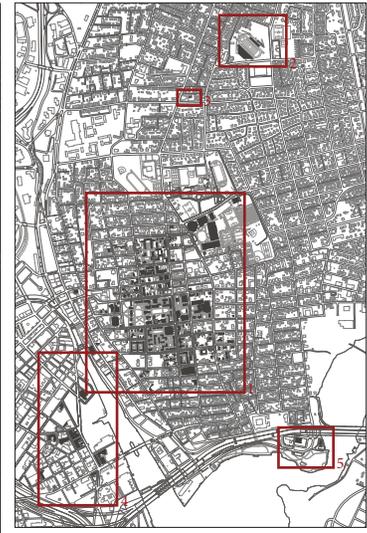
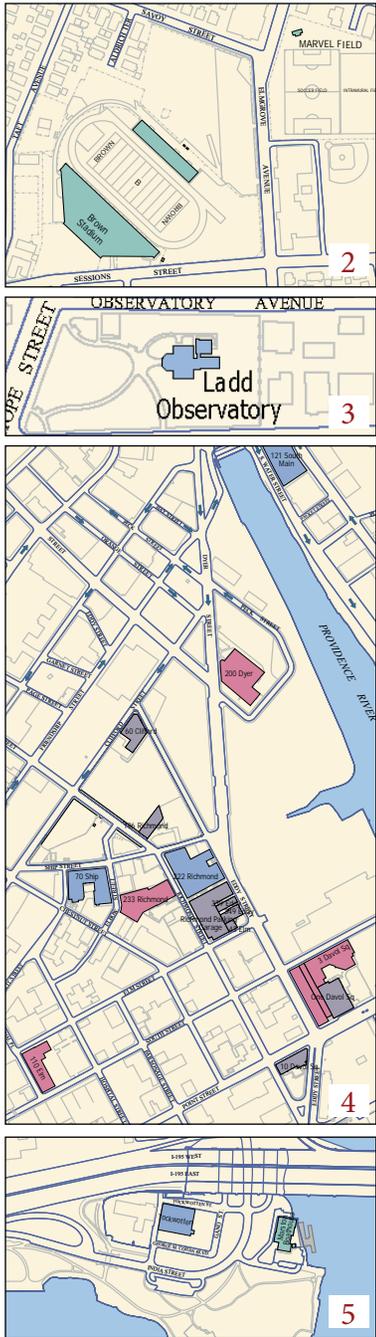
No requests for streets or private right-of-ways to be abandoned or new streets to be established.

ADDITIONAL WORK, FOR REFERENCE:

The South Street Landing project is under construction by CV Properties, LLC / Wexford Science & Technology, LLC, and Brown will be relocating 400+ administrative staff to share this building with the URI/RIC Nursing Education Center.



South Street Landing

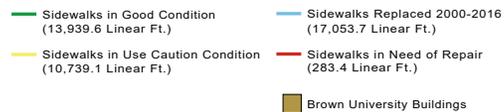
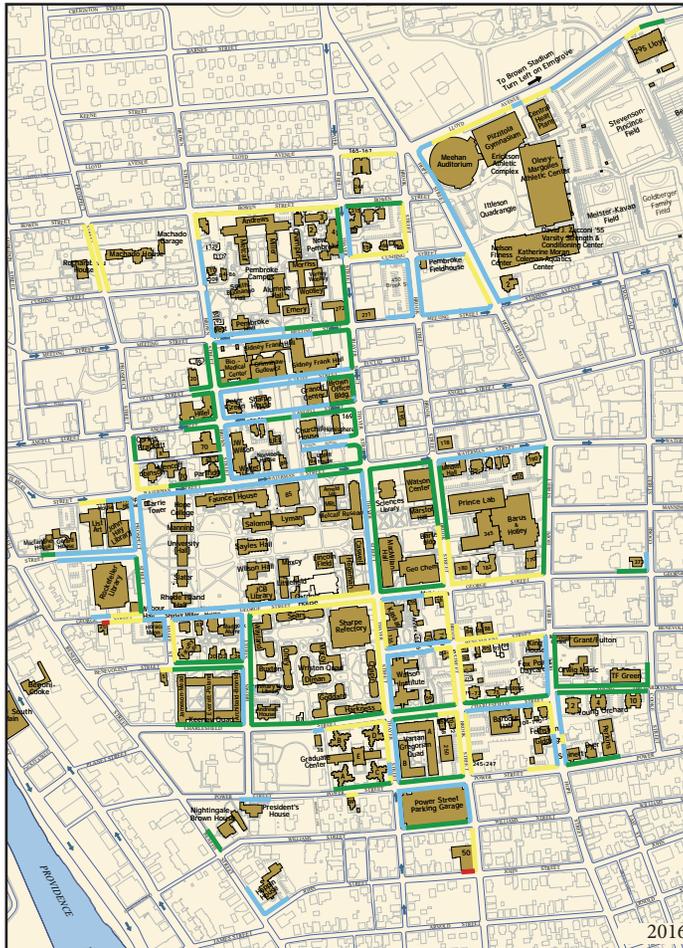
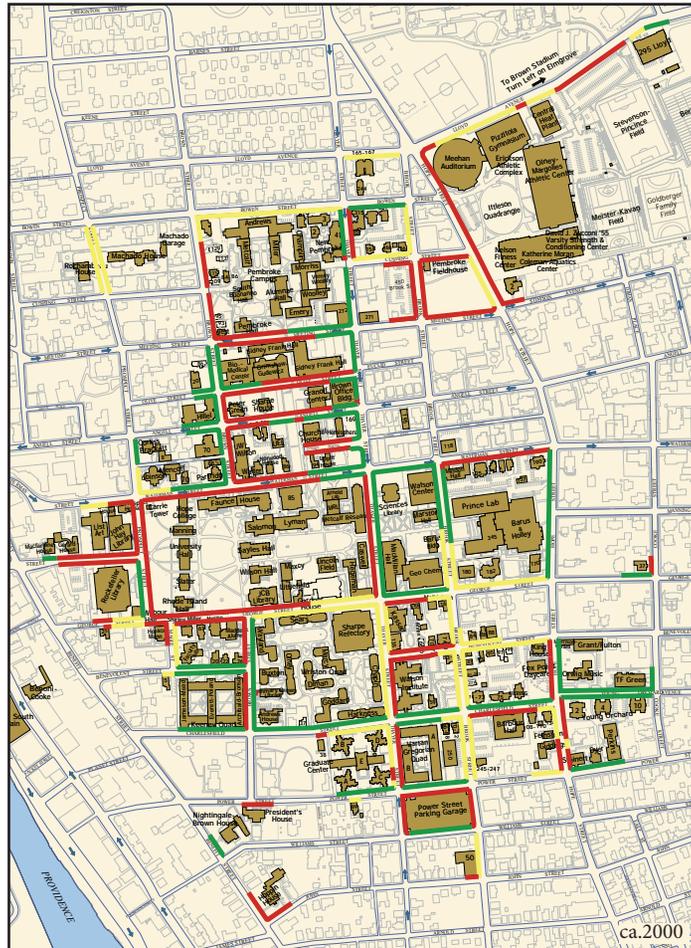


- Academic
- Administrative
- Residence Hall
- Auxiliary Properties
- Student Life
- Dining
- Library
- Athletic Facility
- Commercial
- Inactive
- Support
- Affiliated
- Independent
- Brown to Brown Home Ownership Program



Building Function Map

CAMPUS INFRASTRUCTURE



PEDESTRIAN IMPROVEMENTS

Because of Brown's integration into the fabric of the city, public streets are an important part of the pedestrian circulation system of the campus. Consequently, the University has been investing over \$200,000 per year in streetscape and pedestrian improvements on city streets. The work includes sidewalk replacement (over 17,000 linear feet replaced since 2000), accessible curb cuts, new street trees (100 total) with an engineered soil mix, and crosswalks. Standard details have been developed in cooperation with the Department of Public Works, the City Forrester, and a team of landscape architects, and will be followed for all improvement projects on College Hill. A separate set of standard details has been developed for the Jewelry District and will continue to be used in this area.

The University continues to work closely with the Thayer Street District Management Authority and coordinated a series of improvements in 2014, including street furniture, security cameras, solar trash compactors and recycling, and installation of a seasonal parklet.

CAMPUS INFRASTRUCTURE



TRANSPORTATION DEMAND MANAGEMENT

Results of the current demand management strategies demonstrate their ongoing success in reducing the number of cars coming to campus.

Brown University Shuttle (BUS): 2016 ridership was close to 273,000, a 75 percent increase since 2011, due to an expansion of the system and ease of use of the Shuttle mobile app.



In fiscal year 2016, RIPTA's **UPass program** served an average of 2,500 students and 900 faculty staff for 360,000 rides.

The Zipcar program on campus has expanded from 15 vehicles in 2 locations (2011) to 26 vehicles, including 6 hybrids across 6 locations, including expansion into the Jewelry District.

Electric vehicle charging stations have been installed on campus, one of which is the most heavily utilized in the state of Rhode Island.



Biking at Brown is an ongoing initiative on campus. The University provides resources and promotes programs related to biking to and around campus. Brown has bicycle racks in convenient places all around campus, offers bicycle registration to discourage theft, has a student group renting and repairing bikes (repair station) called Bikes@Brown,

a Bike Share, and is working with various civic groups to help promote cycling in the city.

PARKING PLAN

The University currently provides 3,164 parking spaces in over 100 off-street lots. These lots are scattered throughout the campus and are occupied primarily by faculty and staff (see the parking map on the following page). Student parking has been reduced from 500 to 50 spaces.

Per zoning, the requirement for off-street parking is a calculation based on the on-campus population. The on-campus population is expected to remain fairly constant over the next five years, with a modest increase of 150 off-campus graduate and medical students. Undergraduate enrollment is expected to remain steady at approximately 6,600.

Brown has continued a policy of providing off-street parking for contractors of major projects.

CAMPUS INFRASTRUCTURE

TRANSPORTATION STUDY

In 2005 and in 2011, Brown University commissioned a comprehensive traffic study by Vanasse Hangen Brustlin (VHB). The majority of the projects from the 2011 IMP have been completed or are nearing completion. This report re-establishes a transportation baseline for the campus and assesses the impacts of the IMP project during construction and after completion. As part of this update, previously collected traffic data were reviewed to document changes in travel demands on area roadways. For this IMP update, pedestrian and bicycle counts were taken at each study area intersection to establish a baseline of this activity.

This report presents an analysis of the transportation system serving Brown University today, a projection of how this system would operate in five years without the planned IMP project, and an assessment of the effect of the project.

Pedestrian activity on the campus continues to be much higher during the afternoon and evening peak hours compared to the morning peak-hour period, due to the lower levels of student activity and commercial activity on Thayer Street during the morning peak-hour period. Pedestrian volumes along Thayer Street, Angell Street, Waterman Street and Brook Street and at the primary street crossings along Angell Street and Waterman Street continue to be very high.

Bicycle usage was observed throughout the campus



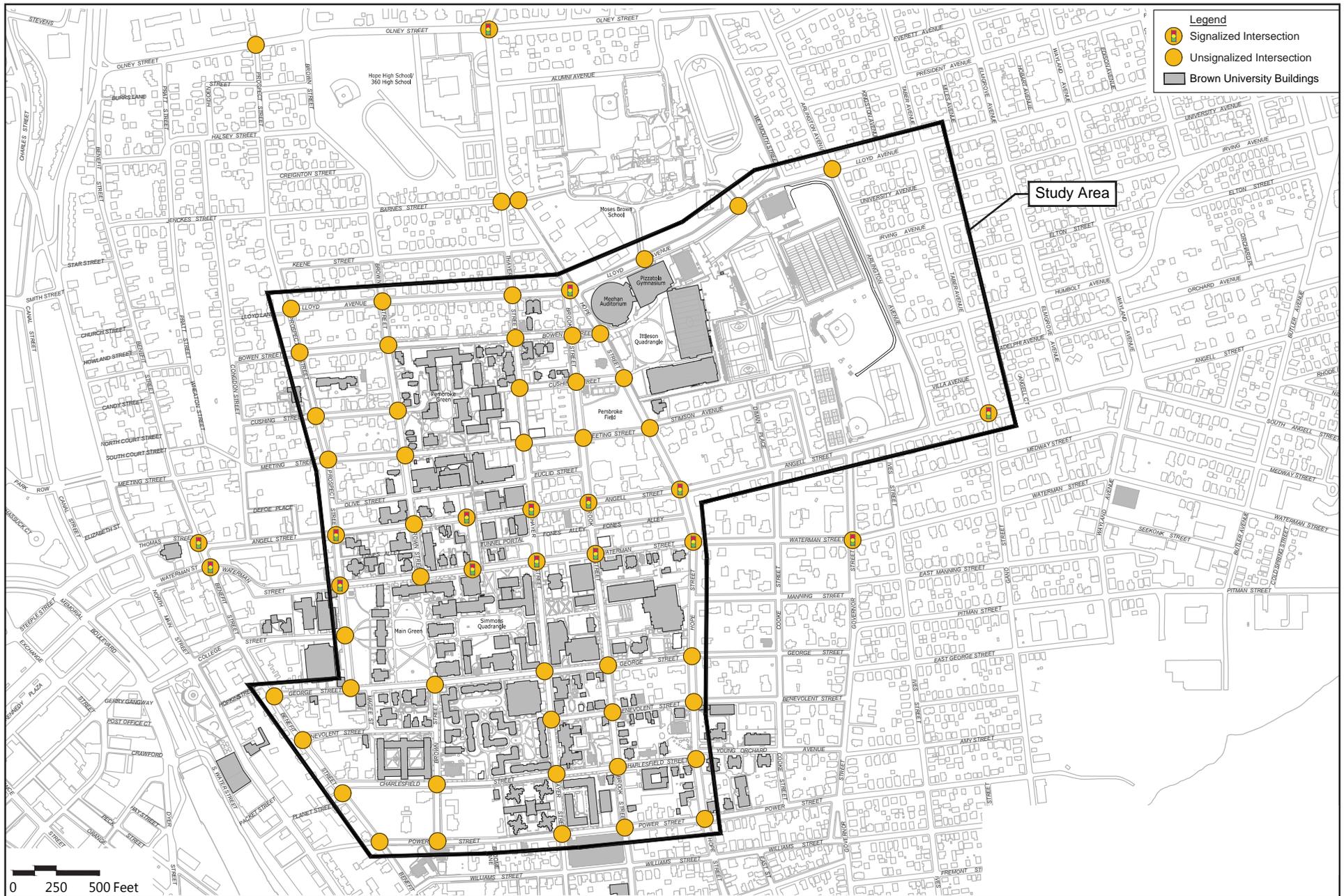
with the most activity occurring along Thayer Street and Hope Street, both of which are primary area bicycle routes along with Angell Street and Waterman Street.

The new traffic count data was compared to the data collected in 2011 at various locations within the study area. In general, many of the area roadways experienced a decrease in traffic from 2011 to 2016. The weighted average decrease was 10 percent. The reduction in traffic volumes could be attributable to various reasons, including the effect of the aggressive Transportation Demand Management (TDM) measures implemented on the campus in conjunction with stringent parking management policies; construction-related activity on the campus at any given time of the year which could divert traffic to alternate routes, the general state of the economy/employment levels in the region that could influence traffic flow through the campus to/from downtown Providence; and finally,

the effect of major infrastructure enhancements to the I-95/I-195 interchange.

This study concludes that the IMP project seeking approval, the Watson Institute Expansion, is not expected to negatively impact the area transportation system (short-term or long-term), largely because it does not include new parking, there are no changes to roadway circulation or access, and it does not substantially change the concentration of students, faculty, or staff.

A complete copy of the Transportation Component by VHB, including the analysis of current conditions, future conditions, and level of service at each intersection, has been submitted to the Department of Planning and Development and is available at the following website: http://www.brown.edu/Facilities/Building_Brown/resources/



Transportation Study Area Map

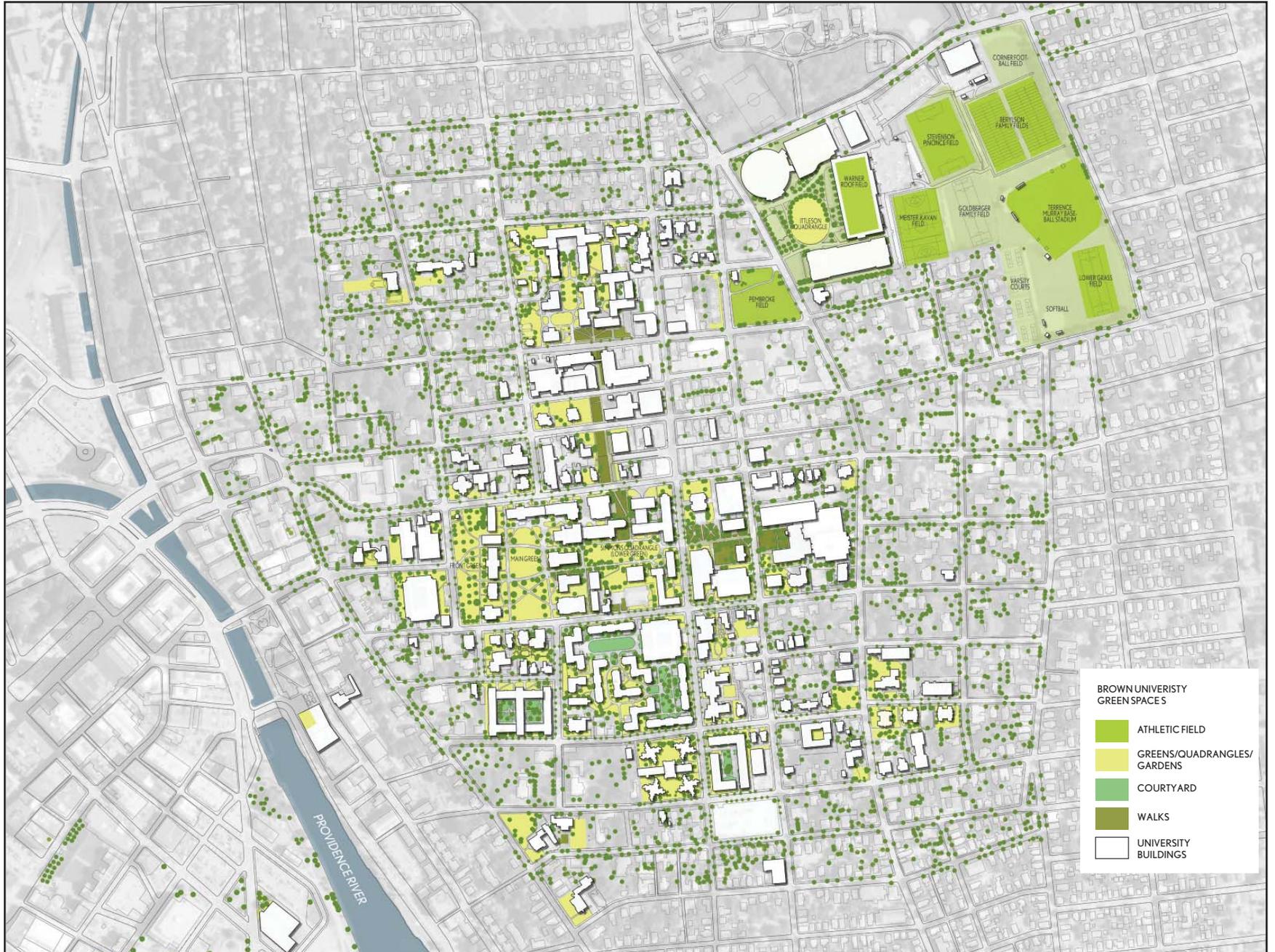
BROWN UNIVERSITY IMPACTS

TREE CANOPY INVENTORY

Brown's campus remains one of the greenest parts of the city, something that is readily apparent when looking at aerial photography. In compliance with Section 425 of the Zoning Ordinance, the University has updated its calculation of the overall tree canopy on campus. As can be seen below, the overall canopy of Brown's campus is well above the required 30 percent.

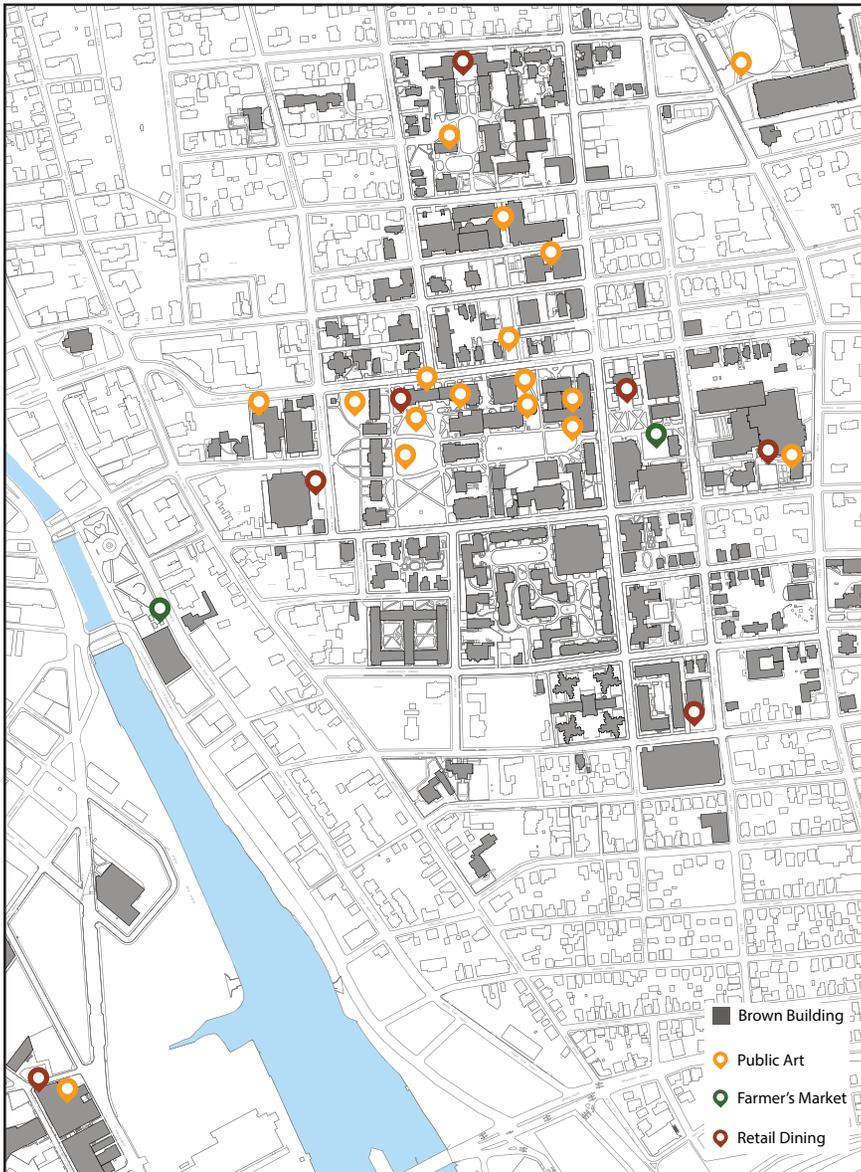
	Tree Canopy (SF)	Lot Area (SF)	Ratio
Athletic Complex	536,600	1,623,385	30%
Pembroke Field	48,200	77,230	62%
Pembroke Campus	290,000	515,450	56%
The Walk Area	144,600	295,080	49%
Main Campus	345,500	603,200	55%
Libraries	83,000	174,780	47%
Science Quad	244,720	441,540	51%
Keeney Quad	77,100	159,950	48%
Wriston Quad	170,900	330,160	52%
South Campus	173,100	396,545	44%
East Campus	210,300	379,570	55%
Jewelry District	214,600	419,780	51%
Total Canopy	2,538,620	5,416,670	47%





Tree Canopy and Landscapes Map

BROWN UNIVERSITY IMPACTS



Community Asset Map



Farmers Market



Maya Lin's "Under the Laurentide"



Andrews Commons



Haffenreffer Museum

PUBLIC ACCESS STATEMENT

The Brown University campus offers our neighbors many opportunities for education, contemplation, entertainment, and more. From its commitments to public art and local foods to its offerings of significant lecture series and family movie nights, Brown welcomes friends and neighbors to campus. Brown reserves its rights as a private property owner to restrict public access at any time in order to preserve the safety and welfare of its students, faculty, staff, and property.

For more information, please visit: <http://brown.edu/go/community>

BROWN UNIVERSITY IMPACTS



Granoff Center Roof Garden



Waste Management

SUSTAINABILITY SUMMARY

In the fall of 2016, Brown's Office of Sustainable Energy and Environmental Initiatives (E&E) published the Ninth Annual Sustainability Progress Report, which outlines new initiatives and progress made on existing programs.

Since 2011, sustainability at Brown has gained clear direction and momentum through the creation of the Sustainability Strategic Planning and Advisory Committee (SSPAC), comprising faculty, students, and staff. The major initiatives that the Committee and E&E have been focusing on include:

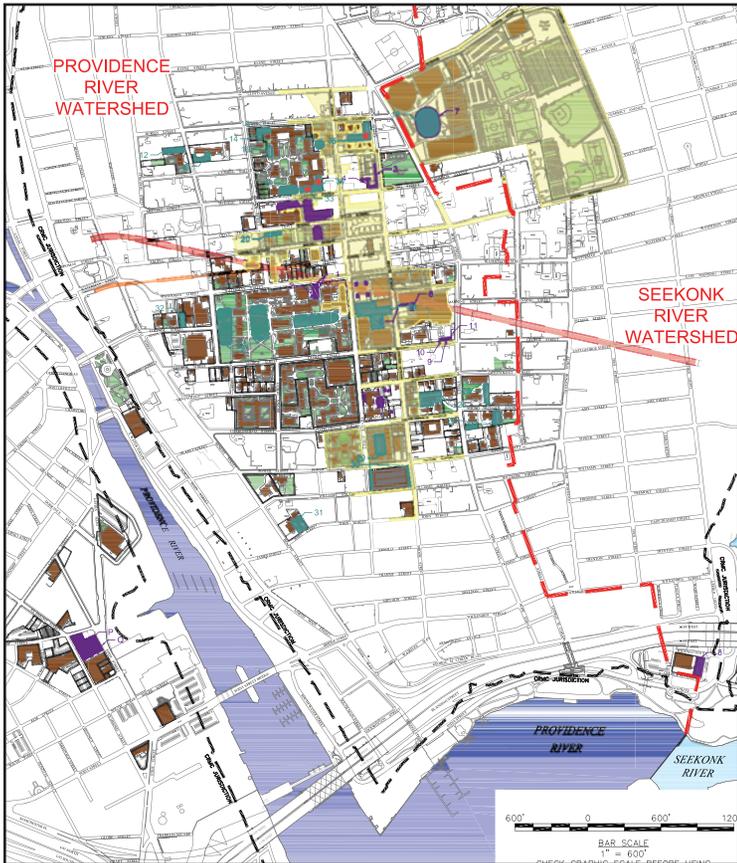
- Reduce energy use
- Divert waste stream
- Implement water saving
- Improve local food system
- Provide transportation options

Highlights of the report include progress on our Greenhouse Gas (GHG) emission reduction plan, investments into energy-efficiency programs within Facilities Management, initiation of two highly successful composting pilots, and commitment to improving the local food system.

The Energy and Environment team is proud to share this report, and the full text can be found online at:

<http://brown.edu/go/2016sustainabilityreport>

BROWN UNIVERSITY IMPACTS



Stormwater Map

STORMWATER MASTER PLAN SUMMARY

In 2016, Brown began its first comprehensive Stormwater Master Plan. The primary goal of the Stormwater Master Plan is to achieve cleaner discharges to the surrounding surface waters by creating a mechanism to manage stormwater on a campus-wide basis rather than on a project-by-project basis. By providing the flexibility to construct stormwater treatment systems in locations remote from corresponding development projects, this plan eliminates compromises to stormwater treatment imposed by the constraints of any particular parcel.

This Plan addresses the requirements of three regulatory agencies:

- Rhode Island Department of Environmental Management (RIDEM)
- City of Providence
- Narragansett Bay Commission (NBC)

Aligned with the University's plans for future development, it provides a strategy for treating stormwater prior to discharge to separate storm sewers and for eliminating stormwater from the combined sewer system.

The plan implements a credit and debit tracking system to assure that the stormwater

management requirements imposed by the three agencies are met or exceeded at all times. The baseline date for the tracking system agreed upon by RIDEM, the City, and NBC is January 1, 2011, which coincides with the release of RIDEM's Stormwater Design and Installation Manual (RISDISM), and the current version of Brown University's Institutional Master Plan (IMP) on file with the City.

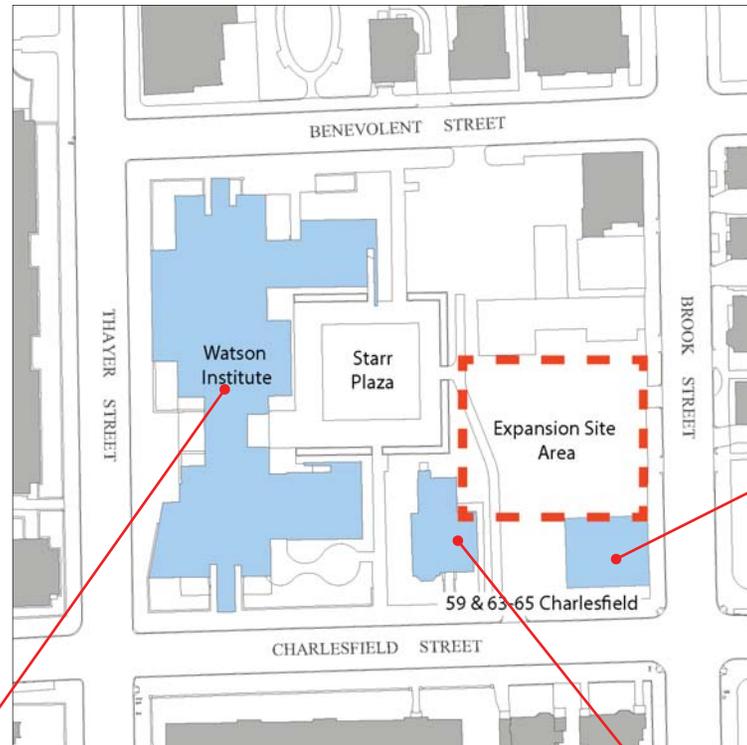
UNIVERSITY PRIORITIES

PROJECT SEEKING APPROVAL

WATSON INSTITUTE EXPANSION

The Watson Institute for International and Public Affairs at Brown University seeks to promote a just and peaceful world through research, teaching, and public engagement. This mission is expressed across a wide range of scales, engaging campus, citywide, national, and global networks. The Institute is known throughout the campus and neighboring community for its highly publicized and attended public lecture series, featuring world leaders.

The primary home of the Institute is 111 Thayer Street, a building designed by architect Rafael Vinoly comprising classrooms, offices, shared resources, and meeting spaces.



63-65 CHARLESFIELD ST (to be renovated)

- Built 1864
- Architect James Bucklin designed Manning Hall, RI Hall, & Menco Hall



WATSON INSTITUTE – 111 THAYER STREET
(completed in 2002)



59 CHARLESFIELD ST – TAUBMAN CENTER
(Renovation completed 2014)

UNIVERSITY PRIORITIES



Aerial View of Existing Site

In 2014, the adjacent building at 59 Charlesfield Street underwent a comprehensive renovation to accommodate the Taubman Center upon its incorporation into the Watson Institute.

The intent of the current Watson Institute expansion project is totalling for program growth, including new classrooms, offices, and gathering spaces.

The design of the new facility will incorporate the planned acquisition of the existing 11,000 square foot structure at 63-65 Charlesfield Street. The plan is for a comprehensive renovation of this existing structure, plus a contextually designed 20,000 square foot addition to create space for 31,000 square feet of space added to Watson. The site for the addition is an existing 17-space parking lot. The program includes new classrooms, offices, and gathering spaces. Flexibility and sustainability will be key design features.

The project will also increase the vitality of 111 Thayer by enhancing the first floor public space, and relocate the existing Department of Political Science department. Landscape will act as a unifying element to connect this new first floor across an activated Starr Plaza to the new facilities at 63-65 Charlesfield.

ANTICIPATED PROJECTS OVER NEXT 10 YEARS

POTENTIAL NEW CONSTRUCTION

These projects have been identified as most clearly aligning with the goals outlined in Brown's strategic plan. Sites have not yet been approved by the Corporation, and it is unknown whether Brown will develop these itself or with a development partner:

- New Performing Arts Center
- New Residential
- Health Services / Counseling and Psychological Services
- Medical Research / Brain Science

RENOVATION / RENEWAL PROJECTS

Several renovation/renewal projects have been identified, and it is not anticipated that any of these will change the general land use categories of the listed buildings:

- Wilson Hall
- Manning Hall
- Marston Boat House
- Classrooms
- Residential/Dining
- Research

Note: Likely development partnership projects, for reference:

- School of Professional Studies
- Nelson Center for Entrepreneurship

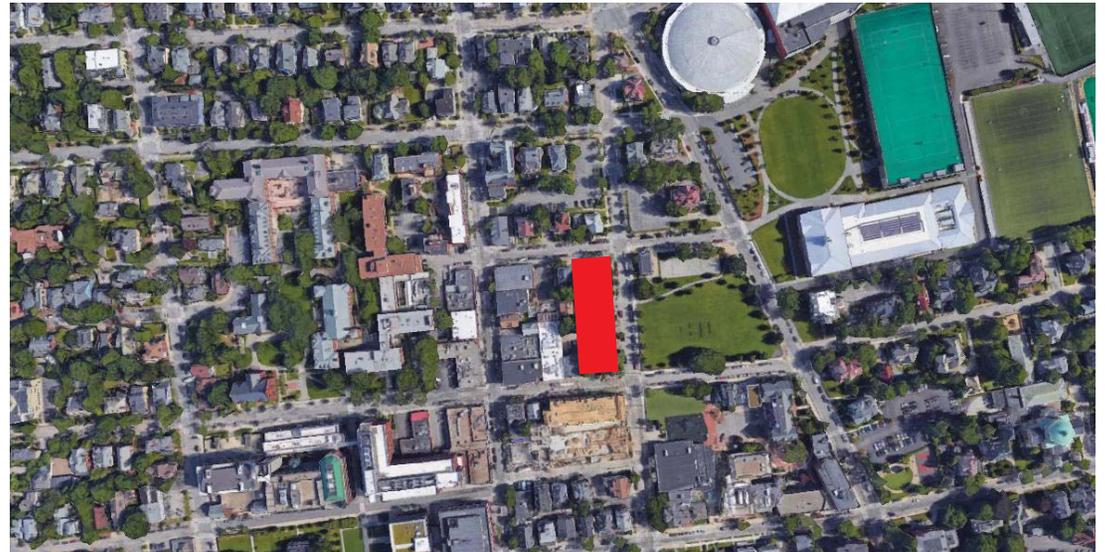
UNIVERSITY PRIORITIES

450 BROOK STREET UPDATE

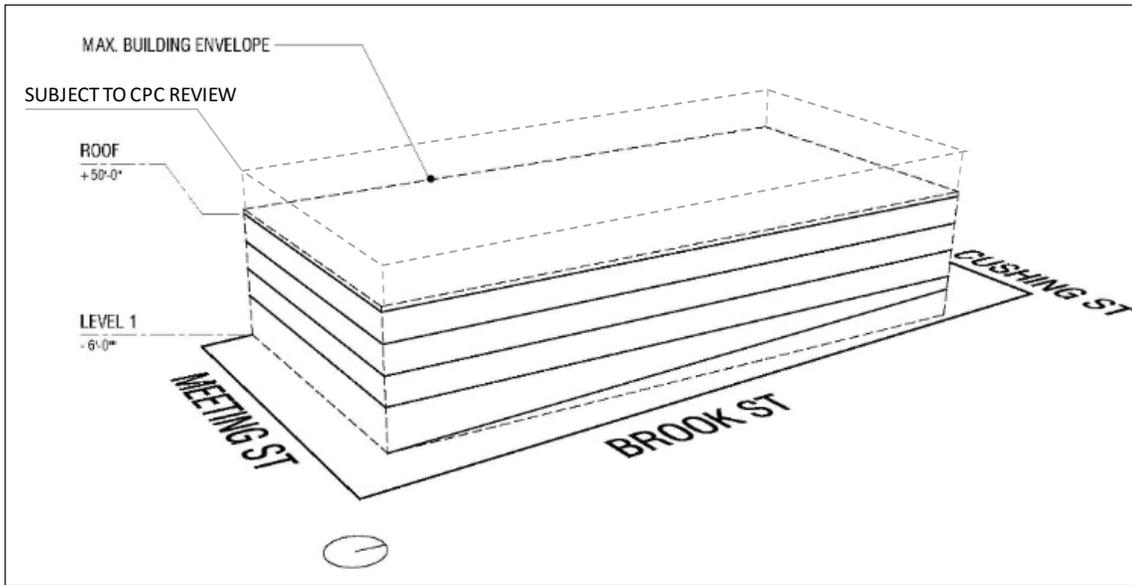
Pursuant to the City's approval letter, dated May 11, 2016, for Institutional Master Plan 2011 Amendment #3, Brown is providing an information update on the 450 Brook Street block.

Current condition:

- Provides interim commercial parking and additional on-street spaces for the Thayer Street District
- Landscaped perimeter zone & streetscape
- Stormwater management



UNIVERSITY PRIORITIES



Zoning Envelope Study

450 BROOK STREET - MASSING STUDIES UNDERWAY

Potential mix of uses being studied:

- Student Residential (135 beds ~ 170 beds) + Health Services Center
- Student Residential + Staff Parking
- Student Residential + Health Services Center + Staff Parking



Potential Massing Studies

UNIVERSITY PRIORITIES



95 Benevolent St. (1885)



97 Benevolent St. (1860)



99 Benevolent St. (1860)



93 Benevolent St. (1854)



70-72 Benevolent St. (1880)



37 Charlesfield St. (1825)

BROWN TO BROWN HOME OWNERSHIP PROGRAM

Ten years ago, in 2006, the University launched the Brown to Brown Home Ownership Program primarily as a pilot. The program is designed to encourage home ownership by faculty and staff adjacent to campus, and to return these properties to owner occupied, tax-paying status. Houses identified for the program are first renovated, and then sold to faculty or staff at a discounted price, with the University retaining the right to repurchase the properties in the future. Since the program's inception, the University has renovated and sold 15 properties, with a combined assessed value of \$4.4M returned to city tax rolls.

For the upcoming year, the University is planning to renovate the house at 131-133 Brown Street and construct a new house on excess land at 181 Bowen Street. In addition, 37 George Street will be included in the program if it is acquired by Brown this spring.

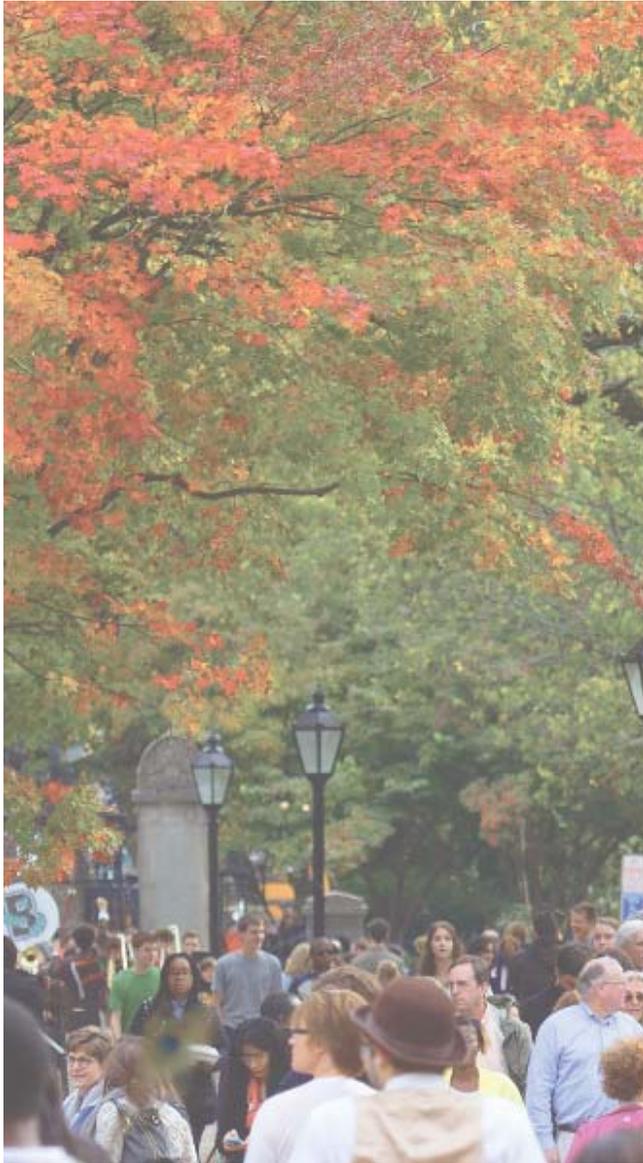
For more information about this program, see the website:
<http://www.brown.edu/Facilities/browntobrown/>

Recent Projects

APPENDICES

- A. Payments to the City
- B. Plans Needing Zoning Board or Council Action
- C. Buildings Owned or Leased by Brown, Arranged by Plat and Lot Number
- D. Index of Institutional Master Plan Submittal Requirements

APPENDIX A



PAYMENTS TO THE CITY

The University has two separate agreements, the 2003 Memorandum of Understanding (MOU) and the 2012 Memorandum of Agreement (MOA) with the City of Providence that describe Brown's voluntary payments to the City of Providence. In addition, the 2003 MOU describes the process for Transition Payments for real estate acquired by Brown after 2003. Based on these agreements, for the period ending June 30, 2016, the University made the following payments to the City of Providence:

2003 MOU voluntary payment:	\$1.27M
2012 MOA voluntary payment:	\$3.90M
2003 MOU transition payments for property acquired after 2003:	\$1.31M
Property taxes for commercial real estate owned by Brown and Farview:	\$2.26M
Total payments to city for the fiscal year ending June 30, 2016:	\$8.74M

APPENDIX B



PLANS NEEDING ZONING BOARD OR COUNCIL ACTION

At this time, Brown University does not anticipate any specific zoning board or council actions on the proposed plans. As details and timelines emerge on our anticipated projects, the University will return with amendments to the Institutional Master Plan.

APPENDIX C

BUILDINGS OWNED OR LEASED BY BROWN UNIVERSITY, ARRANGED BY PLAT AND LOT NUMBERS

PLAT-LOT	DESCRIPTION	ADDRESS	BUILT	USE
07-003;07-008;07-088;07-089;07-090;07-091;07-092;07-093;07-094	BROWN STADIUM	112 SESSIONS ST	1925	ATHLETICS
08-265	LADD OBSERVATORY	210 DOYLE AVE	1891	ACAD
10-229	ROCHAMBEAU HOUSE	84 PROSPECT ST	1929	ACAD
10-263	PETER GREEN HOUSE	79 BROWN ST	1890	ACAD
10-266	SHARPE HOUSE	130 ANGELL ST	1873	ACAD
10-284	OLIVE ST 020	20 OLIVE ST	1885	AUXILIARY
10-302	THAYER ST 272	272 THAYER ST	1976	COMMERCIAL
10-333	WEST HOUSE	91 BROWN ST	1885	RES HALL
10-337	CUSHING ST 084-086	84-86 CUSHING ST	1895	AUXILIARY
10-337A	BROWN ST 111	111 BROWN ST	1900	RES HALL
10-347	MACHADO (ANTONIO) HOUSE	87 PROSPECT ST	1912	RES HALL
10-356	BROWN ST 131-133	131-133 BROWN ST	1850	AUXILIARY
10-577	NEW PEMBROKE NO. 1	302 THAYER ST	1974	RES HALL
10-577	NEW PEMBROKE NO. 2	306 THAYER ST	1974	RES HALL
10-577	NEW PEMBROKE NO. 3	308 THAYER ST	1974	RES HALL
10-577	NEW PEMBROKE NO. 4	300 THAYER ST	1974	RES HALL
10-580	BOWEN ST 219	219 BOWEN ST	1896	RES HALL
10-649	VERNEY-WOOLLEY HALL: PEMBROKE QUAD	204 MEETING ST	1960	DINING
10-649A	ALUMNAE HALL	194 MEETING ST	1926	ACAD
10-649B	ANDREWS HALL	211 BOWEN ST	1947	RES HALL
10-649C	CHAMPLIN: PEMBROKE QUAD	208 MEETING ST	1960	RES HALL
10-649D	EMERY: PEMBROKE QUAD	200 MEETING ST	1963	RES HALL
10-649E	METCALF HALL	98 CUSHING ST	1919	RES HALL
10-649F	MILLER HALL	118 CUSHING ST	1910	RES HALL
10-649G	MORRISS HALL: PEMBROKE QUAD	206 MEETING ST	1960	RES HALL
10-649H	PEMBROKE HALL	172 MEETING ST	1897	ACAD
10-649J	WOOLLEY HALL: PEMBROKE QUAD	202 MEETING ST	1963	RES HALL
10-649L	SMITH-BUONANNO HALL	95 CUSHING ST	1907	ACAD
10-704	BIO-MED ACF	173 MEETING ST	1969	ACAD
10-704	BIO-MED CTR	171 MEETING ST	1969	ACAD
10-704	BIO-MED GRIMSHAW-GUDEWICZ	175 MEETING ST	1989	ACAD
10-704	SIDNEY E. FRANK HALL LIFE SCIENCES	185 MEETING ST	2006	ACAD

APPENDIX C

BUILDINGS OWNED OR LEASED BY BROWN UNIVERSITY, ARRANGED BY PLAT AND LOT NUMBERS (CONT.)

PLAT-LOT	DESCRIPTION	ADDRESS	BUILT	USE
10-717	GRANOFF CTR FOR THE CREATIVE ARTS	154 ANGELL ST	2011	ACAD
10-718	BROWN OFFICE BLDG	164 ANGELL ST	1969	ADMIN
11-110	STIMSON AVE 002	2 STIMSON AVE	1861	ACAD
11-116	CENTRAL HEAT PLANT	235 LLOYD ST	1969	SUPPORT
11-133	LLOYD AVE 295	295 LLOYD AVE	2003	SUPPORT
11-133	MEEHAN AUDITORIUM	235 HOPE ST	1961	ATHLETICS
11-133	OLNEY-MARGOLIES ATHLETIC CENTER	229 HOPE ST	1981	ATHLETICS
11-133	PIZZITOLA	233 HOPE ST	1989	ATHLETICS
11-133	NELSON FITNESS CENTER	225 HOPE ST	2012	ATHLETICS
12-050	SOUTH MAIN ST 121	121 SOUTH MAIN ST	1983	ACAD
12-154B	CORLISS-BRACKETT	45 PROSPECT ST	1877	ACAD
12-154C	FONES ALLEY 008	8 FONES ALLEY	1900	ACAD
12-158	BROWN ST 070	70 BROWN ST	2001	ACAD
12-159A	WALTER HALL	80 WATERMAN ST	1884	ACAD
12-159B	J. WALTER WILSON BUILDING	69 BROWN ST	1962	ADMIN
12-161	ANGELL ST 129	129 ANGELL ST	1849	AUXILIARY
12-162	URBAN ENVIRONMENTAL LAB	135 ANGELL ST	1984	ACAD
12-167	CHURCHILL HOUSE	155 ANGELL ST	1907	ACAD
12-170	HEMISPHERE BLDG	167 ANGELL ST	1989	ADMIN
12-177	ANGELL ST 195	195 ANGELL ST	1902	ACAD
12-191	LIPPITT HOUSE	96 WATERMAN ST	1900	ACAD
12-192	WATERMAN ST 094	94 WATERMAN ST	1860	ACAD
12-196	WATERMAN ST 086	86 WATERMAN ST	1880	AUXILIARY
12-198	NORWOOD HOUSE	82 WATERMAN ST	1865	ACAD
12-201	BROWN ST 068.5	68.5 BROWN ST	2001	ACAD
12-201	PARTRIDGE HALL & ANNEX	68 BROWN ST	1894	STUDENT AC
12-203	WATERMAN ST 070	70 WATERMAN ST	1859	ACAD
12-204	MENCOFF HALL	68 WATERMAN ST	1844	ACAD
12-205	ROBINSON HALL	64 WATERMAN ST	1878	ACAD
12-217	MACFARLANE HOUSE	48 COLLEGE ST	1845	ACAD
12-218	GERARD HOUSE, SAMUEL N.	54 COLLEGE ST	1838	ACAD
12-219; 12-220; 12-222; 12-228	LIST (ALBERT & VERA) ART BUILDING	64 COLLEGE ST	1971	ACAD
12-220; 12-222A	JOHN HAY LIBRARY	20 PROSPECT ST	1910	LIBRARY

APPENDIX C

BUILDINGS OWNED OR LEASED BY BROWN UNIVERSITY, ARRANGED BY PLAT AND LOT NUMBERS (CONT.)

PLAT-LOT	DESCRIPTION	ADDRESS	BUILT	USE
12-222B	PROSPECT HOUSE	36 PROSPECT ST	1875	ACAD
12-222C	BLISTEIN HOUSE	57 WATERMAN ST	1867	ACAD
12-235	ANGELL ST 127	127 ANGELL ST	1853	AUXILIARY
12-241A	ROCKEFELLER (JOHN D., JR.) LIBRARY	10 PROSPECT ST	1964	LIBRARY
12-241B	WILBOUR HALL	2 PROSPECT ST	1888	ACAD
12-244	CHARLESFIELD ST 059	59 CHARLESFIELD ST	1877	ACAD
12-246	SEARS HOUSE: WRISTON QUAD	113 GEORGE ST	1951	RES HALL
12-249	UNIVERSITY HALL	1 PROSPECT ST	1770	ADMIN
12-249A	ARNOLD LAB	91 WATERMAN ST	1915	ACAD
12-249B	CARRIE TOWER	69 WATERMAN ST	1904	SUPPORT
12-249C	CASWELL HALL	168 THAYER ST	1903	RES HALL
12-249D	FAUNCE HOUSE	75 WATERMAN ST	1903	STUDENT AC
12-249E	GARDNER HOUSE	106 GEORGE ST	1806	SUPPORT
12-249G	HEGEMAN HALL	128 GEORGE ST	1926	RES HALL
12-249H	HOPE COLLEGE	71 WATERMAN ST	1822	RES HALL
12-249I	WATERMAN ST 085	85 WATERMAN ST	1958	ACAD
12-249J	JOHN CARTER BROWN LIBRARY	94 GEORGE ST	1904	LIBRARY
12-249K	LINCOLN FIELD BUILDING	180 THAYER ST	1903	ACAD
12-249L	LITTLEFIELD HALL	102 GEORGE ST	1926	RES HALL
12-249M	LYMAN HALL	83 WATERMAN ST	1891	ACAD
12-249N	MANNING HALL	21 PROSPECT ST	1834	ACAD
12-249O	MAXCY HALL	108 GEORGE ST	1895	ACAD
12-249P	MEDICAL RESEARCH LAB	89 WATERMAN ST	1965	ACAD
12-249Q	METCALF RESEARCH BUILDING	190 THAYER ST	1923	ACAD
12-249S	RHODE ISLAND HALL	60 GEORGE ST	1840	ACAD
12-249T	SALOMON CTR FOR TEACHING	79 WATERMAN ST	1862	ACAD
12-249U	SAYLES HALL	81 WATERMAN ST	1881	ACAD
12-249V	SLATER HALL	70 GEORGE ST	1879	RES HALL
12-249X	WILSON HALL	90 GEORGE ST	1891	ACAD
12-262	MEIKLEJOHN HOUSE	159 GEORGE ST	1900	ACAD
12-271	WATSON CENTER FOR INFORMATION TECH	366 BROOK ST	1988	ACAD
12-272A	SCIENCES LIBRARY	201 THAYER ST	1971	LIBRARY
12-272B	MARSTON HALL	346 BROOK ST	1926	ACAD

APPENDIX C

BUILDINGS OWNED OR LEASED BY BROWN UNIVERSITY, ARRANGED BY PLAT AND LOT NUMBERS (CONT.)

PLAT-LOT	DESCRIPTION	ADDRESS	BUILT	USE
12-306	KASSAR (EDWARD W.) HOUSE	151 THAYER ST	1894	ACAD
12-326	FACULTY CLUB	1 MAGEE ST	1865	DINING
12-333	HORACE MANN HOUSE	47 GEORGE ST	1854	ADMIN
12-340	SHIRLEY MILLER HOUSE	59 GEORGE ST	1915	ACAD
12-341	GEORGE ST 067	67 GEORGE ST	1821	ACAD
12-344	BENEVOLENT ST 026	26 BENEVOLENT ST	1823	STUDENT AC
12-345	BENEVOLENT ST 022	22 BENEVOLENT ST	1816	AUXILIARY
12-346	BENEVOLENT ST 020	20 BENEVOLENT ST	1820	ADMIN
12-370A	GEORGE ST 155	155 GEORGE ST	1930	ACAD
12-373	BENEVOLENT ST 074-080	74-80 BENEVOLENT ST	1883	AUXILIARY
12-374	THAYER ST 135	135 THAYER ST	1928	ACAD
12-378	BENEVOLENT ST 005	5 BENEVOLENT ST	1844	ADMIN
12-408	BENEVOLENT ST 083-085	83 BENEVOLENT ST	1857	COMMERCIAL
12-415	GEORGE ST 163	163 GEORGE ST	1900	ACAD
12-455	ARCHIBALD-BRONSON: KEENEY QUAD	17 BENEVOLENT ST	1957	RES HALL
12-456	CHAPIN HOUSE: WRISTON QUAD	116 THAYER ST	1951	RES HALL
12-455	EVERETT-POLAND: KEENEY QUAD	13 BENEVOLENT ST	1957	RES HALL
12-455	JAMESON-MEAD: KEENEY QUAD	11 BENEVOLENT ST	1957	RES HALL
12-456	BUXTON HOUSE: WRISTON QUAD	27 BROWN ST	1951	RES HALL
12-456	DIMAN HOUSE: WRISTON QUAD	41 CHARLESFIELD ST	1951	RES HALL
12-456	GODDARD HOUSE: WRISTON QUAD	39 CHARLESFIELD ST	1951	RES HALL
12-456	HARKNESS HOUSE: WRISTON QUAD	47 CHARLESFIELD ST	1951	RES HALL
12-456	MARCY HOUSE: WRISTON QUAD	115 GEORGE ST	1951	RES HALL
12-456	WAYLAND HOUSE: WRISTON QUAD	31 BROWN ST	1951	RES HALL
12-457	SHARPE REFECTORY	144 THAYER ST	1951	DINING
12-458	OLNEY HOUSE: WRISTON QUAD	29 BROWN ST	1951	RES HALL
12-458A	ANDREWS HOUSE	13 BROWN ST	1900	SUPPORT
12-458B	ANNMARY BROWN MEMORIAL LIBRARY	21 BROWN ST	1905	LIBRARY
12-469A	NICHOLSON HOUSE	71 GEORGE ST	1872	ADMIN
12-469B	MADDOCK ALUMNI CENTER	38 BROWN ST	1830	ADMIN
12-474	BARUS BUILDING	340 BROOK ST	1885	ACAD
12-474	GEO-CHEM BLDG	156 GEORGE ST	1982	ACAD
12-474	MACMILLAN HALL	167 THAYER ST	1998	ACAD

APPENDIX C

BUILDINGS OWNED OR LEASED BY BROWN UNIVERSITY, ARRANGED BY PLAT AND LOT NUMBERS (CONT.)

PLAT-LOT	DESCRIPTION	ADDRESS	BUILT	USE
12-476	WATSON INSTITUTE	111 THAYER ST	2002	ACAD
12-481	GEORGE ST 025	25 GEORGE ST	1913	ADMIN
13-030	THAYER ST 271	271 THAYER ST	1994	COMMERCIAL
13-012	LLOYD AVE 165-167	165-167 LLOYD AVE	1910	AUXILIARY
13-016	THAYER ST 315	315 THAYER ST	1910	RES HALL
13-040A	PEMBROKE FIELD HOUSE	171 CUSHING ST	1873	SUPPORT
13-075	WATERMAN ST 118-120	118-120 WATERMAN ST	1970	COMMERCIAL
13-076	MINDEN HALL	121 WATERMAN ST	1912	RES HALL
13-081	WATERMAN ST 129	129 WATERMAN ST	1871	AUXILIARY
13-082	WATERMAN ST 131	131 WATERMAN ST	1852	ACAD
13-083	WATERMAN ST 133	133 WATERMAN ST	1885	ACAD
13-083; 13-085	WATERMAN ST 137	137 WATERMAN ST	1910	ACAD
13-085A	HOPE ST 190	190 HOPE ST	1865	ACAD
13-088	HOPE ST 170	170 HOPE ST	2015	ACAD
13-088A	PRINCE ENGINEERING LAB	355 BROOK ST	1962	ACAD
13-088B	BARUS & HOLLEY	184 HOPE ST	1965	ACAD
13-110A	GEORGE ST 182	182 GEORGE ST	1885	ACAD
13-110B	GEORGE ST 180	180 GEORGE ST	1960	ACAD
13-129	BENEVOLENT ST 088	88 BENEVOLENT ST	1867	INDEPENDNT
13-130	BENEVOLENT ST 086	86 BENEVOLENT ST	1865	AUXILIARY
13-132	BROOK ST 287	287 BROOK ST	1970	AUXILIARY
13-132	BROOK ST 291	291 BROOK ST	1970	AUXILIARY
13-134	BENEVOLENT ST 095	95 BENEVOLENT ST	1885	BRN2BRN
13-137	BROOK ST 281-283	281-283 BROOK ST	1980	AUXILIARY
13-138	KING HOUSE	154 HOPE ST	1895	RES HALL
13-140	CHARLESFIELD ST 071-073	71-73 CHARLESFIELD ST	1870	AUXILIARY
13-142	CHARLESFIELD ST 075	75 CHARLESFIELD ST	1967	SUPPORT
13-144	FIERING HOUSE	79 CHARLESFIELD ST	1865	AUXILIARY
13-145A	MORRISON-GERARD STUDIO	151 HOPE ST	1845	ACAD
13-145B	GRANT FULTON	105 BENEVOLENT ST	1845	ACAD
13-145C	ORWIG MUSIC HALL	1 YOUNG ORCHARD AVE	1905	ACAD
13-147	T.F. GREEN HALL	7 YOUNG ORCHARD ST	1959	STUDENT AC
13-169	FOX POINT DAY CARE CTR	150 HOPE ST	1960	INDEPENDNT

APPENDIX C

BUILDINGS OWNED OR LEASED BY BROWN UNIVERSITY, ARRANGED BY PLAT AND LOT NUMBERS (CONT.)

PLAT-LOT	DESCRIPTION	ADDRESS	BUILT	USE
13-186	HOPE ST 193	193 HOPE	1905	AUXILIARY
13-223	BENEVOLENT ST 084	84 BENEVOLENT ST	1865	AUXILIARY
13-250	BOWEN ST 251	251 BOWEN ST	1900	AUXILIARY
13-251	BOWEN ST 247	247 BOWEN ST	1895	AUXILIARY
13-256	COOKE ST 037	37 COOKE ST	1909	SUPPORT
13-271	WATERMAN ST 125-127	125 WATERMAN ST	1863	AUXILIARY
13-292	BROOK ST 456	456 BROOK ST	1885	AUXILIARY
13-292	CUSHING ST 154	154 CUSHING ST	1895	AUXILIARY
13-292	CUSHING ST 166	166 CUSHING ST	1885	AUXILIARY
13-292	THAYER ST 307	307 THAYER ST	1865	COMMERCIAL
16-175	CHARLESFIELD ST 070-072	70-72 CHARLESFIELD ST	1915	AUXILIARY
16-198	POWER ST 089	89 POWER ST	1842	SUPPORT
16-202	NIGHTINGALE-BROWN HOUSE	357 BENEFIT ST	1792	SUPPORT
16-239	HOPPIN (THOMAS P.) HOUSE	383 BENEFIT ST	1855	ADMIN
16-253	JOHN ST 050	50 JOHN ST	1910	ACAD
16-437	PRESIDENT'S HOUSE	55 POWER ST	1922	SUPPORT
16-519	FEINSTEIN	130 HOPE ST	1917	ACAD
16-533	BROOK ST 245-247	245-247 BROOK ST	1900	AUXILIARY
16-538	GIDDINGS HOUSE	128 HOPE ST	1908	ACAD
16-568	CHARLESFIELD ST 108-110	108-110 CHARLESFIELD ST	1910	AUXILIARY
16-588	CHARLESFIELD ST 066-068	66-68 CHARLESFIELD ST	1915	AUXILIARY
16-597	CHARLESFIELD ST 038	38 CHARLESFIELD ST	1845	AUXILIARY
16-597	GRADUATE CTR B	44 CHARLESFIELD ST	1968	RES HALL
16-597	GRADUATE CTR C	82 THAYER ST	1968	RES HALL
16-597	GRADUATE CTR D	90 THAYER ST	1968	RES HALL
16-597	GRADUATE CTR E	42 CHARLESFIELD ST	1968	ADMIN
16-597A	GRADUATE CTR A	40 CHARLESFIELD ST	1968	RES HALL
16-598	BARBOUR HALL	100 CHARLESFIELD ST	1904	RES HALL
16-633	POWER ST PARKING GARAGE	101 POWER ST	1988	SUPPORT
16-634	BROOK ST 250	250 BROOK ST	1900	COMMERCIAL
16-642	VARTAN GREGORIAN QUAD A	103 THAYER ST	1991	RES HALL
16-642	VARTAN GREGORIAN QUAD B	101 THAYER ST	1991	RES HALL
17-054	MARSTON BOATHOUSE	258 INDIA ST	1967	ATHLETICS

APPENDIX C

BUILDINGS OWNED OR LEASED BY BROWN UNIVERSITY, ARRANGED BY PLAT AND LOT NUMBERS (CONT.)

PLAT-LOT	DESCRIPTION	ADDRESS	BUILT	USE
17-069	STOCKROOM - TOCKWOTTEN ST 271	271 TOCKWOTTEN ST	1950	ACAD
17-169	YOUNG ORCHARD AVE 004	4 YOUNG ORCHARD AVE	1973	RES HALL
17-261	STEINERT CENTER	148 POWER ST	1966	ACAD
17-262A	PERKINS HALL	154 POWER ST	1960	RES HALL
17-262B	DYER HOUSE	150 POWER ST	1822	ACAD
17-604	YOUNG ORCHARD AVE 002	2 YOUNG ORCHARD AVE	1973	RES HALL
17-605	YOUNG ORCHARD AVE 010	10 YOUNG ORCHARD AVE	1973	RES HALL
20-205	DYER ST 200	200 DYER ST	1948	ADMIN
20-301	CLIFFORD ST 060	60 CLIFFORD ST	1945	COMMERCIAL
20-353	RICHMOND ST 196	196 RICHMOND ST	1920	COMMERCIAL
21-105	SHIP ST 070	70 SHIP ST	1902	ACAD
21-127	RICHMOND ST 233	233 RICHMOND ST	1970	ADMIN
21-132	RICHMOND ST 222 (MED ED)	222 RICHMOND ST	1928	ACAD
21-132	RICHMOND ST 222 PARKING GARAGE	222 RICHMOND ST	1989	COMMERCIAL
21-141	EDDY ST 349	349 EDDY ST	1968	COMMERCIAL
21-146	SHIP ST 026	26 SHIP ST	1900	COMMERCIAL
21-318	DAVOL SQ 010	10 DAVOL SQ	1880	COMMERCIAL
21-391, 21-140	ELM ST 043	43 ELM ST	1945	SUPPORT
21-398	EDDY ST 339	339 EDDY ST	1900	COMMERCIAL
21-407	DAVOL SQ 001	1 DAVOL SQ	1900	COMMERCIAL
50-719, 50-721	PARK LANE 010	10 PARK LN	1969	SUPPORT
135-12	330 TOWER ST	330 TOWER ST (BRISTOL	1680	COMMERCIAL
135-6	HAFRENREFFER BARN	301 TOWER ST (BRISTOL	1928	ACAD
135-6	HAFRENREFFER MUSEUM COLLECTIONS RES	300 TOWER ST (BRISTOL	1928	ACAD
135-6	HAFRENREFFER OUTING RESERVATION FAC	302 TOWER ST (BRISTOL	1970	STUDENT AC
135-6	HAFRENREFFER TRAILER	302 TOWER ST (BRISTOL	2009	ACAD
135-7	HAFRENREFFER CARETAKER HOUSE	303 TOWER ST (BRISTOL	1900	SUPPORT
LEASED				
PLAT-LOT	DESCRIPTION	ADDRESS	BUILT	USE
10-705	HILLEL HOUSE	80 BROWN ST	1950	INDEPENDNT
12-171	ANGELL ST 169	169 ANGELL ST	1915	ACAD
12-473	BENONI COOKE HOUSE	110 SOUTH MAIN ST	1828	ADMIN

APPENDIX C

BUILDINGS OWNED OR LEASED BY BROWN UNIVERSITY, ARRANGED BY PLAT AND LOT NUMBERS (CONT.)

PLAT-LOT	DESCRIPTION	ADDRESS	BUILT	USE
13-102	BOWEN ST 244	244 BOWEN ST	1914	AUXILIARY
21-202	ELM ST 110	110 ELM ST	1848	ADMIN
21-441	DAVOL SQ 003	3 DAVOL SQ, 2ND FLR	1900	ADMIN
38-002	BUTLER HOSPITAL DUNCAN BUILDING	345 BLACKSTONE BLVD		HOSPITAL
PENDING				
PLAT-LOT	DESCRIPTION	ADDRESS	BUILT	USE
-	BROOK ST 345 SCHOOL OF ENGINEERING	345 BROOK ST		ACAD
-	SOUTH STREET LANDING	360 EDDY ST		COMMERCIAL
-	EDGEWOOD YACHT CLUB	1 SHAW AVE		ATHLETICS

APPENDIX D

INDEX OF INSTITUTIONAL MASTER PLAN SUBMITTAL REQUIREMENTS

Submittal Requirements, per City of Providence Zoning Ordinance, approved May 2, 2016	Page(s) where referenced
a. Mission statement	2, 5
b. Existing conditions	15
c. Information relating to Historic Places/District	13-14
d. Statement of 10 year goals and 5 year objectives	6, 29
e. Proposed changes in land holdings including newly acquired property and property to be sold	6, 15
f. Proposed changes to streets	16
g. Major repairs or renovations that would result in a change of general land use category	29
h. New structures, additions, parking facilities, outdoor facilities, or action that results in rerouting traffic	6, 16, 28-29, 30-31
i. Proposed demolition	16
j. Parking plan	20
k. Proposed activity requiring action by Zoning Board or City Council	35
l. Certificate for hospitals regulated by the Dept. of Health	N/A
m. Traffic study	21-22
n. Implementation plan	28-29
o. Public participation process	9
p. Inventory of tree canopy & landscaping	23-24
q. Public access statement	25

