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## PROLOGUE

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campus; locating fountains and artwork on campus at appropriate places to provide informal meeting and study areas; and developing University entry signage at specific locations on the boundaries of the campus. Design solutions could include campus directional information signs, automotive and transit drop off areas, flagpoles, entry banners, artwork, and, of course, entry signage. Identification of all structures will be coordinated with a uniform signage system. A campus lamppost standard will be developed that will provide better night lighting and provide University District identity. This pedestrian environment concept will hopefully be extended to areas east of campus into the University District.

We envision that the campus will be linked by pedestrian and bicycle paths to the waterfront, the downtown business area, the Goose Hollow area and the Oregon Health Sciences University, south of campus. The University will be supportive of appropriate development within the University District area. We envision a district with student housing, development of commercial structures that would function as an incubator for University spawned development and as a liaison with the business community. The district should provide all the support functions needed for its students and the community including restaurants, bookstores and other commercial facilities.

PSU has also initiated the rehabilitation of campus structures. Window systems are being upgraded on several structures and an exterior painting, repair and aesthetic enhancement program will greatly improve the appearance of many of our structures in the near future.

I want to thank everyone who participated in bringing this project to fruition including Past President Dr. Joseph C. Blumel, all those mentioned throughout the document, and the students, faculty and staff of the University.

In summary, our ongoing physical and academic planning process will be updated every two years to insure that our physical campus will match our aggressive academic program. The implementation of this plan The Portland State University Plan For The Nineties will be an exciting opportunity for PSU, Portland and the Pacific Northwest. We will need your help, support and faith to achieve it.

Cordially,

Natale A. Sicuro  
President

## PROLOGUE

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Since 1961, Portland State University has utilized a series of development plans to coordinate the physical expansion of the campus. This document, entitled Portland State University Campus Plan 1986, is an extension of that process. In the coming year this document will be supplemented with a plan called The Portland State University Plan For The Nineties. It will integrate academic programs and campus activities for the PSU downtown campus as well as for future satellite campuses, extension sites and other cooperative educational ventures. Together, these documents will outline the University's agenda for the 1990's.

In the last forty years, Portland State has grown from an extension center with 1,411 students to a University with more than 15,000 students. In addition, the University's Continuing Education Program serves some 25,000 students yearly in a variety of credit and non-credit programs. Portland State University now provides educational services to over 40,000 students a year. We can expect our dramatic growth to continue and diversify.

This document, Portland State University Campus Plan 1986, envisions major improvements to the physical environment of the campus and expanding academic, cultural and social programs to meet the growing needs and expectations of the Northwest. It anticipates a growing population of residential students and a coordinated planning process for the property east of the campus. Both the existing campus and that property east of the campus comprise an area identifiable as a University District.

The University District concept will require the help and support of the City of Portland and the Portland Development Commission. We have agreed with them to begin formulating the general policy and design guidelines this next summer.

This exciting idea could push PSU into the forefront of campus planning and urban design. We have a unique opportunity, in the heart of the City, to enhance both the campus and the urban areas abutting the University.

We believe that the concept will set aesthetic and design standards to insure that our campus develops an atmosphere and environment appropriate for a great University and a great city.

A brief summary of the aesthetic and environmental goals of the University include extending the wide brick and aggregate pedestrian malls from the Park Blocks throughout the west campus area. This would involve planting street trees and extensive landscaping including annual flower beds to provide charm and interest for the pedestrian environment; developing and extending the humanizing street furniture on the Park Blocks throughout

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## INTRODUCTION

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Portland State University, once an extension center with 1,411 students, has grown in forty years to 14,768 students with a full-time equivalent (FTE) of 9,487. Campus student population is measured in several ways. "Headcount" is the total number of students enrolled in courses for credit at PSU. The Oregon State System of Higher Education uses "FTE" (i.e., full-time equivalent) students as a definition for establishing University funding levels. "FTE" is the total number of paid student credit hours enrolled, divided by 15. In addition, audited courses and Division of Continuing Education student populations are not included in either headcount or FTE measures. To manage growth effectively and to coordinate planning efforts, PSU initiated a Development Plan in 1961 which has been updated periodically.

This 1986 update reflects the redefined mission and goals of the University and anticipates future population growth. New facilities are outlined for two phases: a Mid-Range Plan for 12,200 FTE (approximately 19,000 headcount), and a Long-Range Plan for 15,500 FTE (approximately 24,000).

To reach the long-range target, the Plan calls for:

- Construction of an additional 1,272,375 square feet of academic space,
- Construction or acquisition of additional student housing units on campus to serve approximately 10-15% FTE enrollment,
- Provision for a parking equivalent of 1 space to 4 FTE students,
- Continuation of campus open space objectives, and
- Improved circulation for pedestrians and campus service routes.

To accomplish the above recommendations, the Plan proposes the following:

- Enlarge the campus boundary to meet current and future needs,
- Locate all academic space within a 10-minute walking distance,
- Remove non-academic facilities from blocks where academic space must be located, and replace them elsewhere on campus,
- Consolidate parking sectors to establish a PSU-managed parking district,
- Form a "University District" to provide design standards, meeting PSU and Central City Plan objectives for both on campus and close-in off campus areas,
- Use the Urban Renewal process to improve sidewalks, street lights and landscaping in East Campus street rights-of-way.

In addition to serving as a planning tool, the Plan recommends the development of architectural standards to create overall continuity and cohesion between East and West Campuses. Historically a major unifying as well as aesthetic force, the Park Blocks concept will be extended and enhanced with the following features:

## INTRODUCTION

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- Major pedestrian networks on vacated streets to improve access and movement on West Campus,
- Urban landscape enhancements on East Campus to improve the east-west pedestrian link to the River,
- Consistent and attractive signage and lighting for the campus and "University District" area,
- Plazas for outdoor activity and relaxation in areas of student concentration, including the Professional Schools plaza, which will also serve as an inviting campus entrance,
- Pockets of open space at the edges of campus to soften private residential and commercial development, and
- Landscaped grass areas scattered throughout the campus to break the hard edge of building fronts.

The 1986 Campus Plan will continue the "framework" approach established in 1979 with broad development parameters and objectives. Specific development projects may be incorporated as required within Plan updates which are proposed biennially. Below is an enhanced computer-generated view of the Long-Range Campus Plan as seen from the east.

## HISTORY

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### 1946

Vanport Extension Center was established to serve returning GIs from World War II. The initial enrollment was 1,411 students. A Columbia River flood destroyed the Vanport facility, forcing relocation in 1952 to the former Lincoln High School building in downtown Portland, under the new name of Portland State Extension Center.

### 1955

Enrollment had doubled to 2,800. The Legislature passed a bill creating Portland State College, envisioning a "downtown city college" primarily to serve commuters and "not of the campus type" requiring student housing.

The Oregon State Board of Higher Education (OSBHE) developed an initial Expansion Plan, extending the campus boundaries three blocks to the south of Lincoln Hall. The Plan also outlined a four-building megastructure concept (potentially 8-10 stories high) including the existing Lincoln Hall and Smith Center (four-story) and two new buildings, Cramer and Neuberger Halls.

Campus boundaries were identified: Market to the north, Hall to the south, Broadway to the east and Park to the west. In 1957, the OSBHE extended the boundaries three blocks further south. In 1960, the Foothills Freeway route was adopted by the Highway Department which precluded southerly expansion of the campus.

### 1961 DEVELOPMENT PLAN

A Development Plan, by Skidmore, Owings & Merrill, was completed, including the siting of the Millar Library. The Plan expanded the campus past the Park Blocks, establishing the present boundaries, and projected building needs for 20,000 FTE students. The OSBHE authorized the first graduate degree program.

New campus boundaries were designated: Stadium Freeway to the south and west, SW 13th to the west, Market to the north, Broadway and SW 6th to the east. The concept of a pedestrian mall in the Park Blocks was initiated.

### 1964

PSU and the Portland Development Commission designated the campus an Urban Renewal area. In 1965, HUD approved the campus development plans which included acquisition of all the land within the boundaries (except the Ione Plaza, Park Plaza and Koinonia House) and clearance of all non-academic structures, including a number of apartments.

## HISTORY

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### 1966 DEVELOPMENT PLAN

A new Development Plan, by Campbell, Michael, Yost, formed the guidelines for the decade to come. Enrollment had reached 8,777 plus an additional 5,059 in the Division of Continuing Education evening program. The new Plan addressed the parking needs of the University, calling for a 1 to 3 FTE parking ratio, which resulted in the construction of Parking I.

The Plan recommended a series of pedestrian bridges linking parking to academic buildings. Academic space of 3,200,000 square feet was identified. Building height was to be limited to four stories above pedestrian level to minimize vertical circulation systems. The Plan advocated the integration of the campus and the Park Blocks into a comprehensive design scheme.

### 1969

Full university status was granted when the legislature authorized expansion of graduate education programs including doctoral work in specific areas. The name was changed to Portland State University (PSU).

All the land had been acquired for campus development but when funds for construction were delayed, a student housing group acquired temporary use of the vacated apartments. These apartments are still in use today under the management of Portland Student Services, Inc.

### 1975

The Federal Clean Air Act and a Downtown Parking and Circulation Policy set the allowable parking spaces for PSU at 2,232 within the campus boundaries existing in 1973.

### 1976

Computer Center relocated from Smith Memorial Center to Shattuck Hall.

### 1977

The Legislature allowed funding for housing renovation.

Completion of Smith Memorial Center Rehabilitation, Phase I.



## HISTORY

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### 1979 DEVELOPMENT PLAN

The Development Plan was updated by Campbell, Yost, Grube. The University had grown to 36 buildings on nearly 30 acres. An enrollment ceiling of 10,500 FTE was established by OSBHE. New buildings proposed in this Plan include School of Education, Parking III, Millar Library expansion, Science III, low-density student housing and a Sports and Recreation Complex.

### 1980

Conditional Use (CU) Request 98-79 was approved by the City of Portland and accepted by OSBHE, enabling PSU to forecast campus needs and set design standards. School of Education Phase I and Parking III were completed. Surface parking on West Campus has been replaced with open landscaped areas, extending the Park Blocks concept.

Completion of Smith Memorial Center Rehabilitation, Phase II.

### 1982

Completion of Smith Memorial Center Rehabilitation, Phase III.

### 1985

The State Legislature directed the State Board of Higher Education to plan on PSU becoming a comprehensive research university.

Facilities completed include: Purchase of the building to house the Portland Center for Advanced Technology, construction of covered tennis facilities on Health and Physical Education Building, and addition of tennis courts to block 197.

### 1986

Authorization and funding was received to begin the conceptual design of the expansion of Millar Library.

Remodeling of the Shattuck Hall Computer Center was completed.

Start of construction of the School of Business and the International Trade and Commerce Institute.

Initiated first phase of design for the construction of student housing on West Campus.

OSBHE requested an update of The Campus Plan from Yost / Grube / Hall / P.C. to address changes since 1979 Plan and to use as the basis to amend City of Portland Conditional Use 98-79.

Approximately 27,000 square feet of block 153 was acquired for future student housing to be used initially for carpools.

## CAMPUS PLAN CRITERIA

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The following Board-approved criteria were considered in the preparation of the 1986 Campus Plan:

### PLANNING ASSUMPTIONS

1. The planning and development of future campus facilities will be predicated on OSBHE enrollment projections and ceilings, and the facilities required to serve the State and region in the roles and mission identified by the Board.
2. The determination of campus boundaries will be based on the need to permit the housing and orderly development of programs in the future.
3. The Portland State University's Long-Range Plan will reflect Board approved space standards, facilities use objectives and projection standards.

### PLANNING OBJECTIVES

1. To assure the continuing development of Portland State University's educational, cultural, social and recreational programs in supporting the roles and mission approved by the Board.
2. To insure that the future campus facilities will be functional, flexible and energy efficient.
3. To insure that future campus facilities provide an attractive and uncrowded environment by judicious use of landscaping, building scale, placement and materials of construction.
4. To assure that facilities will accommodate projected enrollments, including research and service activities appropriate to and within the mission of the University.
5. To insure that approved campus boundaries are identified to meet current and future needs.

### PSU MISSION STATEMENT

PSU's mission is to provide excellent programs of teaching, research, and public service in Oregon's major metropolitan area. University development will continue to be founded on traditional disciplines of the liberal arts and sciences.

New emphasis will be placed on research, in support of instruction and tied to the community's focus on high-technology industry, business administration, international trade, urban and ethnic education, health systems and administration, criminal justice systems, management of complex urban systems, public administration, the arts and social services.

PSU intends to continue its leadership in the economic, social and cultural life of the community, strengthening its ties to the community through exchange programs, course offerings and service activities.

## CAMPUS PLAN CRITERIA

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### PSU STRATEGIC PLAN FOR THE 1980s

The Strategic Plan for PSU makes several recommendations which potentially would have an impact on planning and development. Examples include:

- emphasis on expanded research activities, including those with a community focus,
- leadership in the production of quality visual and performing arts programs in the community,
- increased commitment to provide educational resources to develop high technology industry,
- commitment to the use of electronic and information technologies in instructional, research and public service programs,
- expanded library holdings to better serve graduate students, and
- increased inventory and diversity of student housing units.
- leadership in international programs.

### CAMPUS BOUNDARY

For the purposes of this Campus Plan, the PSU campus boundary is defined in two ways:

OSBHE boundary includes primarily University-owned property and vacated streets and non-owned property (Koinonia House, Ione Plaza, Park Plaza, Park Blocks and non-vacated streets).

City of Portland Conditional Use Request 98-79 boundary includes Blocks N1/2A, N1/2B, S1/2B, 159, 188-192, 196-202, 227, 229-232, 237-242, 267-270, Portland, including vacated streets.

### CAMPUS POPULATION PROJECTION

The current projections of Oregon's high school graduates assume that migration and attendance patterns of the most recent three years will continue through 1987 - 88.

The Long-Range Plan will reflect space need objectives of 175 square feet per FTE, which is a composite value derived from previously approved space planning standards.

Beginning 1988-89, slight increases are predicted in grade - to - grade retention rates, reflecting expected growth from state-wide economic development efforts, followed by a decline through 1993-94.

By 1994-95, the "echo boom" which began in the late 1970s (children of post World War II baby boom children) is expected to produce sharp increases. By 1999-2000, the number of high school graduates is expected to reach the earlier peak levels of 1970-71.

Graduate enrollment is expected to increase at the masters and doctoral levels in the areas of business, engineering, computer science, selected natural sciences, social work and education.

## CAMPUS PLAN CRITERIA

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### LIBRARY CONSIDERATIONS

Library facilities are currently in three locations - Millar Library, Library East in Smith Center, and storage in the basement of the Ondine. When the Millar Library additions are built, Smith Center space will be remodeled for Auxiliary Services.

The existing Millar Library facilities were designed for 423,000 volumes. The collection as of June 1985 was 720,000. Storage in the Ondine totals 75,000 volumes.

In 1985, total filled shelving reached 74%. By mid-1988, filled shelving will reach 80% capacity and the Science Library will reach 102%.

Added shelving has reduced seating in the Library. By 1990, if the present pattern continues, available seating in the central reference areas will be for index or machine use only. Study space will be available only on the perimeter of each floor and in the few remaining small study rooms.

### HOUSING POLICY CHANGE AND TRENDS

Although historically PSU was not designated as a campus with student housing, the State Legislature reversed its policy in 1977. PSU is now trying to catch up with housing needs, which have steadily increased even though the number of units has not changed dramatically within the last decade.

Fall term 1985, 952 PSU students resided in campus housing. For total housing needs, PSU has set a 15% housing goal.

In the next 3-5 years, student housing needs will require an estimated additional 500-700 housing units. The University already has legislative approval for 189 units in block 268.

Because of PSU's unique student mix, site flexibility is a major factor in planning. A housing proposal would therefore need to consider specific classifications of students (i.e., freshmen, married students, graduate students) and the type of housing needed (i.e., residence hall vs. apartment).

Two other factors affect future housing:

- City of Portland Conditional Use 98-79 requires that any campus housing removed for academic space must first be replaced in kind prior to construction permit approval.
- The City's special southwest downtown housing zone requires that 60% of all new construction be housing.

## CAMPUS PLAN CRITERIA

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### PARKING CONSIDERATIONS

The PSU parking lid of 2,232 was established in 1973 by the Department of Environmental Quality. Spaces acquired since 1973 through property purchase have increased this total to 2,424 spaces. CU-56-86 and CU-122-86, the new student housing project on Block 268, and the carpool parking on Block 153 has modified this total to 2574 spaces which includes 170 exempt for housing and 2404 non-exempt spaces.

All new allocations to this total, will be based upon a formula of 1 space for every 1,000 square feet of academic and support spaces as noted on page 23, plus a range of .75 to 1.2 parking spaces for every housing unit. The allocation of these spaces will be administered under PSU's Parking Management Plan.

Many street parking spaces in and near PSU have been removed since 1973. Adjacent neighborhoods have taken action to discourage student parking, with 2,075 spaces now redesignated as requiring resident permits. In addition, approved residential developments on blocks 203 and 226 will remove adjacent parking.

Bus ridership has been promoted at PSU. However, even though the University is one of the largest single sellers of bus passes and tickets, Tri-Met recently has reduced routes serving the University. Bicycling also has been encouraged through large mall construction and bike locking/parking areas.

PSU's daily campus population is about 16,000, which is nearly 20% of the current downtown daytime population. Of the 12,260 students travelling to PSU every day, 51% use cars, 24.8% use Tri-Met, and 9% are in carpools. An average of 300+ short-term visitors are on campus daily.

Because of the unique attributes of PSU students, parking is a major issue and may reflect negatively on University growth. A 1984 survey indicated that 77% of students were dissatisfied with campus parking (primarily availability and price).

The majority of PSU students are employed (40% part time, 36% full time) and likely to drive back and forth from school and work. In addition, 42% are part time students, with 1/2 of the parking permits issued for night classes. Most PSU students live in Multnomah County (59.2%), with 19.9% in Washington County; 12.8% live on campus or bike or walk to school.

As the campus grows, and as student housing units are added, more parking will be needed. No spaces are currently designated for housing occupants on the PSU campus; however, parking for housing within the central City can be outside the lid restrictions.

## ZONING CRITERIA

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### ZONING

PSU operates under a Conditional Use Permit 98-79 for a college master plan on 36 southwest Central City blocks.

The following zones occur within the campus area:

OS (Open Space)

RX (Downtown Multi-family Residential)

C1 (Central Commercial)

S (Signboard Control due to Foothills Freeway Adjacency)

Z (Downtown Development)

D (Design)

RX zones also must adhere to Z zone requirements, which must also adhere to D zone requirements.

The City's zoning map combines the above zones into zoning districts. PSU's districts are: RXZS, RXZ, RXZ [OS, C1Z and C1ZS (see map) ]:

## PLANNING AND ZONING CRITERIA

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PSU is an urban university within the urban downtown zone of Portland. As such, it must comply and support the goals and objectives of the Downtown Plan. These city criteria are identified on page 41. In addition, future campus development is subject to the following zoning and planning considerations.

The D zone was established to encourage design excellence in downtown projects including publicly supported projects such as Urban Renewal areas, public right-of-way and public lands. Z zone requirements control maximum building height, floor area and parking spaces, bicycle parking, and access to new parking (restricted to specific streets). The zoning code incorporates maps which indicate areas within the "Z" zone where required building lines, required retail uses and limitations on blank walls occur in the downtown area. With the development and approval of specific design guidelines for the PSU University District, certain Z Zone requirements may be modified for on campus projects.

D zone proposals will therefore be reviewed by the City's Design Commission using the Downtown Design Guidelines with any potential University District approved design guidelines as criteria.

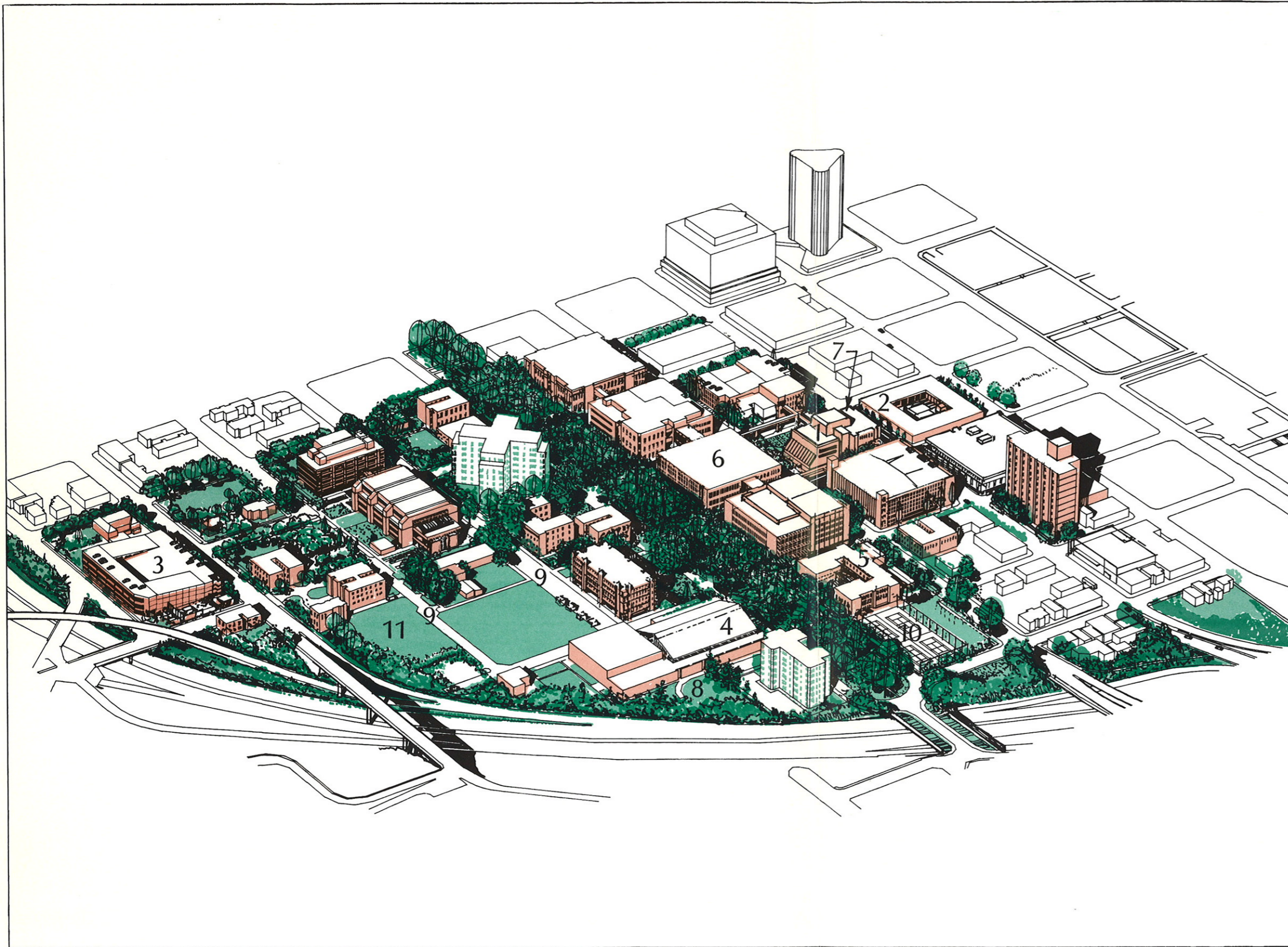
### RXZ Zone (72% of the campus)

Uses within this zone include single and multiple-family dwellings, limited commercial uses and colleges through an approved Conditional Use Permit. The "Z" zone allows .75 to 1.2 parking spaces per dwelling unit when permitted in accordance with a Conditional Use Permit. For commercial and non-residential uses, the Downtown Parking and Circulation Policy applies, which requires a Conditional Use Permit and limits the number of parking spaces allowed in each sector of the downtown. Also in an RXZ zone, a City permit and Historical Landmarks Commission approval is required to remove or demolish a landmark.

### C1Z (28% of the campus)

This is Portland's primary commercial zone and allows schools, colleges, commercial and residential uses without requiring a Conditional Use Permit. Off-street parking is not required in the C1Z zone, however, it is allowed through an approved Conditional Use Permit as required in the Downtown Parking and Circulation Policy.

The RXZ and C1Z zones have no maximum lot coverage except as may result from application of the minimum yard requirements of the City's street tree planting ordinances and guidelines. Street trees are required in the right-of-way adjacent to any project property line in the C1Z zone. Street tree layouts must be approved by the Fire Bureau and other affected City bureaus.



Changes made since the 1979 Development Plan include:

#### Additions and Modifications

1. Completion of School of Education
2. Purchase of building on block 161 for Portland Center for Advanced Technology
3. Completion of Parking III
4. Covering of tennis courts on roof of Health and Physical Education (HPE)
5. Remodeling of Shattuck Hall Computer Center
6. Renovation of Smith Center including Art Gallery space.
7. Construction of School of Business

#### Grounds Improvements

8. Putting greens south of HPE
9. West Campus street improvements
10. Tennis courts on block 197
11. Restoration of graveled parking on Block 270 to "greenway"



The present condition reflects several changes since the 1979 Development Plan, including University curriculum changes, City of Portland zoning code changes and a legislature housing policy change. Building additions since 1979 bring total sq. ft. to 2,872,226.

PSU also has had the following property changes: Trade of 1/4 of block 188; purchase of building on block 161 for the Portland Center for Advanced Technology; and trade of 1/4 of block 203 for 2/3 of block 153. In addition, purchase of housing on blocks 228 and 232 has been considered.

#### Academic Space

- The majority of academic space is located in five buildings east of the Park Blocks and fronting SW Broadway. Science I and II, Millar Library, and Health and Physical Education are the only academic spaces on West Campus. Recent additions are on East Campus and east of SW Broadway. (School of Education and Portland Center for Advanced Technology)
- Physical Education facilities are concentrated at the south edge of campus near the Foothills Freeway and on block 197 south of Shattuck School.

#### Support Space

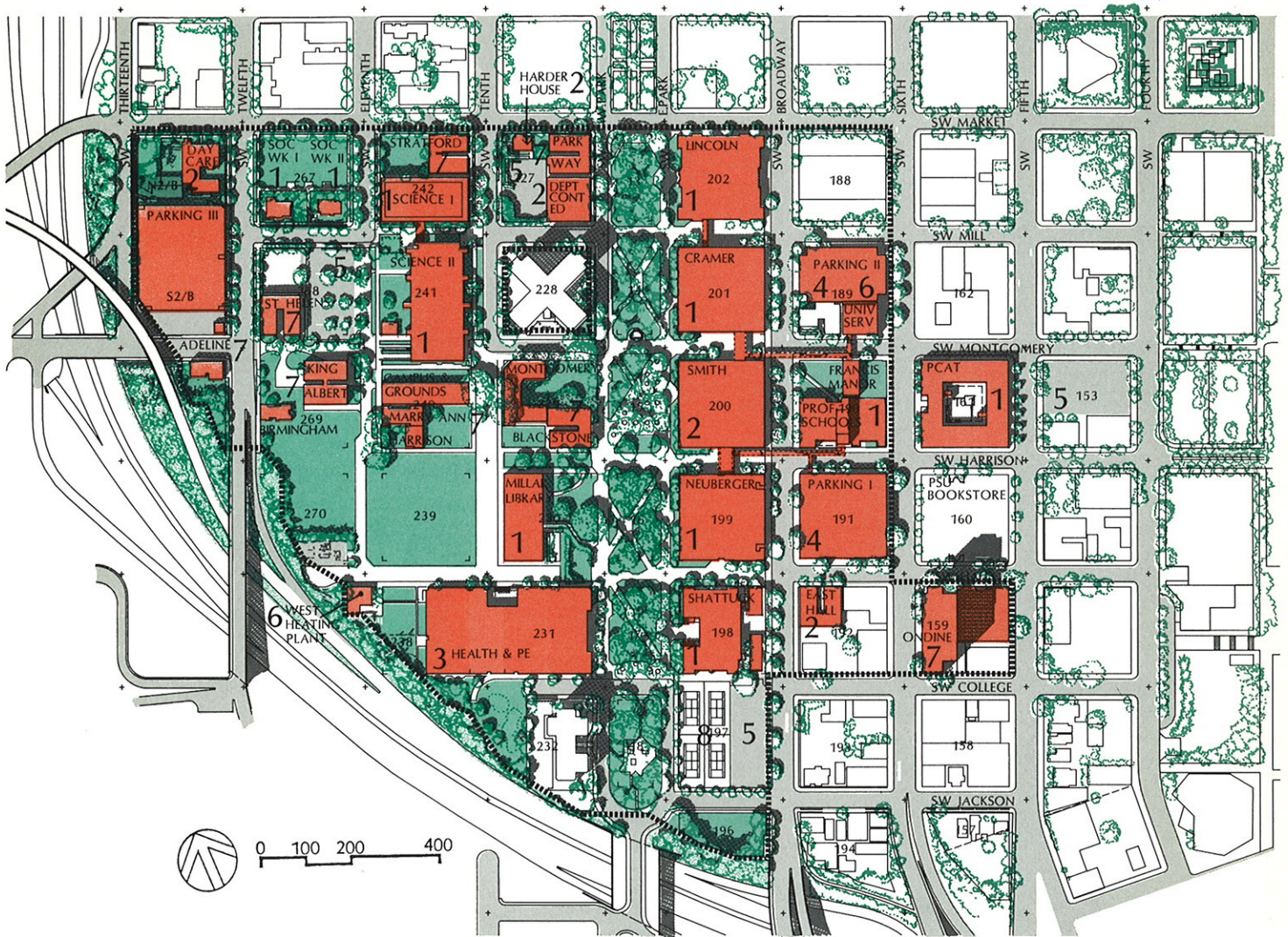
- Special education spaces, community education, faculty offices and day care are dispersed on the north and east edges of campus.
- Campus grounds and physical plant support is located on block 190 on East Campus with loading and access from SW Mill between SW 6th and Broadway. Campus and Grounds is temporarily located on proposed academic space addition to West Campus on block 240.

#### Housing

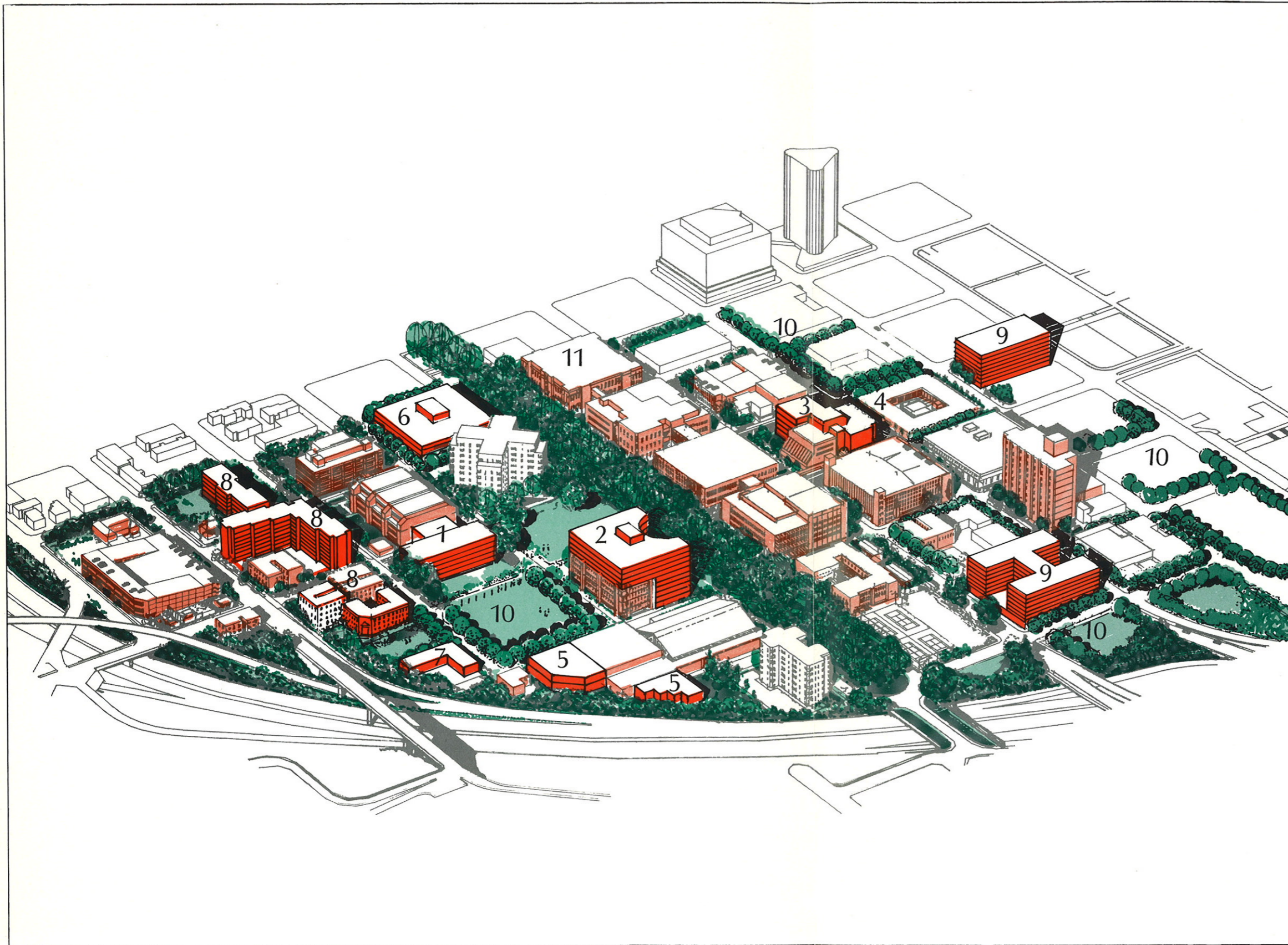
- There are 739 units located in several West Campus structures built between 1910 and 1932 and 288 units in the Ondine, on East Campus, block 159, built in 1968. Some housing will have to be moved or removed from campus for academic expansion.

#### Parking

- Most structures are conveniently located adjacent to major transportation arterials on the east and west edges of campus.
- Surface parking on blocks 239 and 270 has been removed on West Campus. Surface parking on block 268 has been scheduled for near term replacement by new housing and parking on West Campus. Surface parking on one-half of block 197 will remain until construction of future facilities.
- One-quarter of block 203 has been traded for two-thirds of block 153. The carpool program will be relocated on block 153 until student housing is constructed.



1. Academic Space
  2. Community Education, Faculty Offices, Day Care
  3. Health and Physical Education (Includes Academic Space)
  4. Parking Structure
  5. Surface Parking
  6. Campus Grounds and Physical Plant Support
  7. On-Campus Residential Building
  8. Tennis Courts
- Existing Conditional Use Permit Boundary



**The Mid-Range Plan facility changes include:**

1. Engineering I
2. Millar Library Expansion
3. Professional Schools III
4. Portland Center for Advanced Technology
5. Health and Physical Education additions
6. Administration I
7. Campus and Grounds Facility
8. West Campus Housing
9. East Campus Housing
10. Site Improvements
11. Lincoln Hall Rehabilitation for School of Performing Arts
12. Razing of Social Work II

The next steps in campus development are intended to enhance programs in instruction and research while accommodating enrollment growth. The Mid-Range Plan proposes an additional 558,045 square feet of academic space and the demolition of 52,583 square feet for an added 505,462 square feet for a total of 2,166,681 square feet. Total floor area (academic, housing and parking) will total 4,058,142 square feet.

Proposed facilities will require land to be added to the campus increasing the boundary to include blocks 153, 157, 158, 160, 161, 162, 193 and 194. Block 188, which currently is included in the Conditional Use Permit, will be removed. Note that this is an 'acquisition boundary' and does not imply that the University will obtain all properties indicated within the boundary.

The Mid-Range Plan also proposes site improvements such as landscaping, pedestrian circulation, paving, graphics and lighting, in addition to individual building projects.

The Mid-Range Plan facilities include:

Academic Space

- Engineering I Building (75,000 square feet) proposed for construction on block 240. Removes 17 housing units, a grounds and maintenance building, and the athletic coach's office to be relocated.
- Phase I expansion of Millar Library to be constructed east of the existing building on block 230. Second expansion to add four floors on top of both existing and first phase expansion. (Total for both phases 216,000 square feet)
- School of Business Administration, International Trade & Commerce Institute (under construction), School of Urban and Public Affairs, and Graduate School of Social Work on block 190. (Total 112,000 square feet)
- Additions and internal modifications to Health and Physical Education (30,000 square feet) on block 238 (west of existing HPE building) and Blocks 237 and 232 (south of existing building).
- The potential purchase of the University Center Building on land lease (includes Portland State Bookstore - approximately 30,000 square feet).
- Neuberger Hall improvement due to consolidation of administrative functions in a new facility on block 227.
- Exterior modification of Science I, block 242.
- Razing of Social Work II, block 267.
- Minor internal modifications to PCAT, block 161.

## THE MID-RANGE PLAN

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### Support Space

- Smith Center, used now for Library East, to be used by Auxiliary Services.
- Administration I proposed on block 227.
- New Campus and Grounds facility to be constructed on block 270 adjacent to the west heating plant.
- Campus and general outside storage areas to be located on blocks N2A, S2B and 270

### Housing

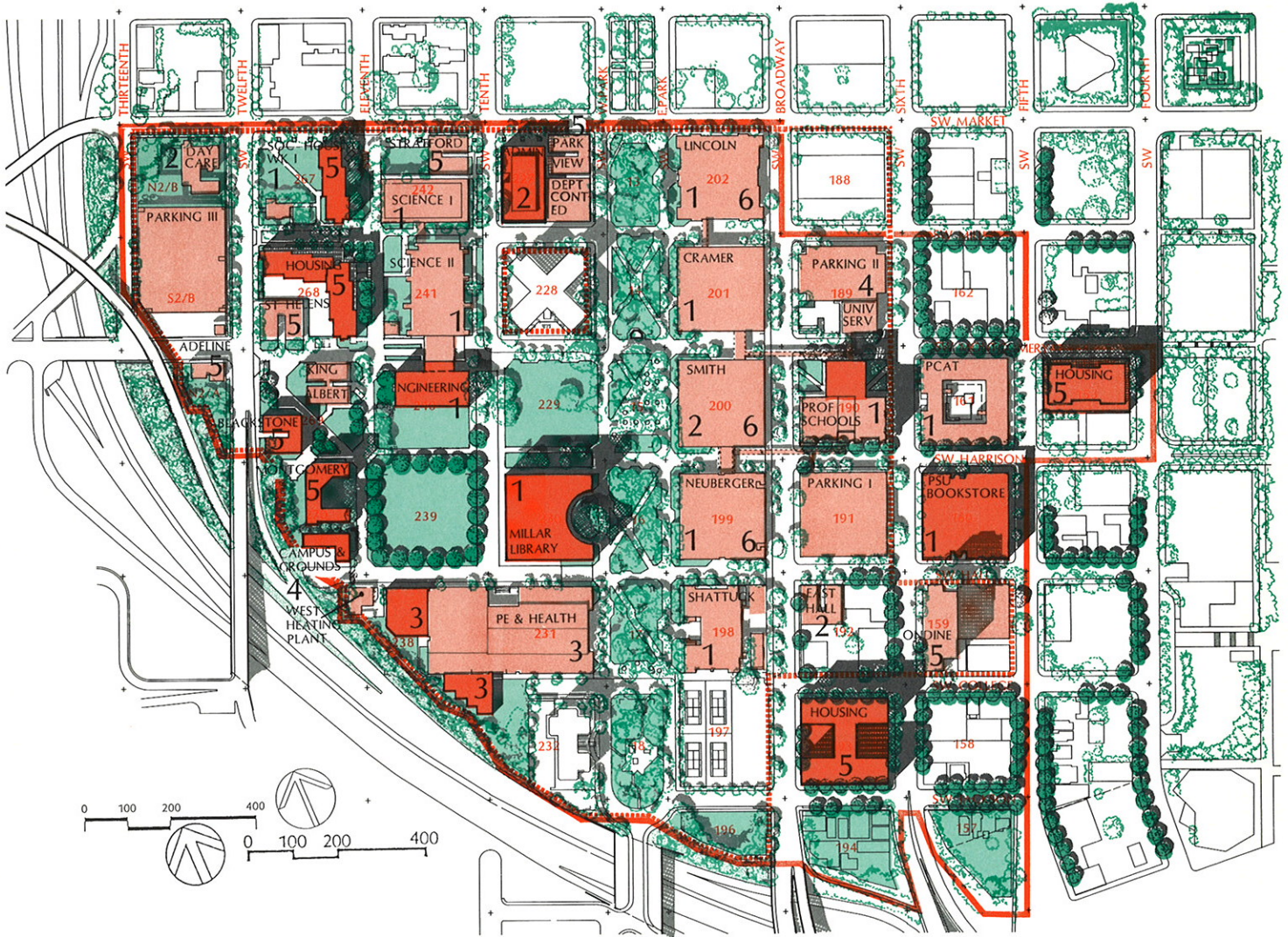
- 189 units to be constructed on the West Campus in two phases on block 268, and 100 units on block 267. These projects are scheduled early in Mid-Range planning to replace in advance the housing contemplated for removal during subsequent phases.
- 500 units of housing to be constructed on East Campus in mixed-use facilities including limited commercial at grade and parking for residential and commercial. Blocks 153 and 193 being considered for this use.
- Move buildings on block 229 to blocks 267 and 269 or 270 on west campus. Landscape balance of block 267 to create visual and physical entrance to West Campus from north on 11th Avenue and from west on Market.




### Parking

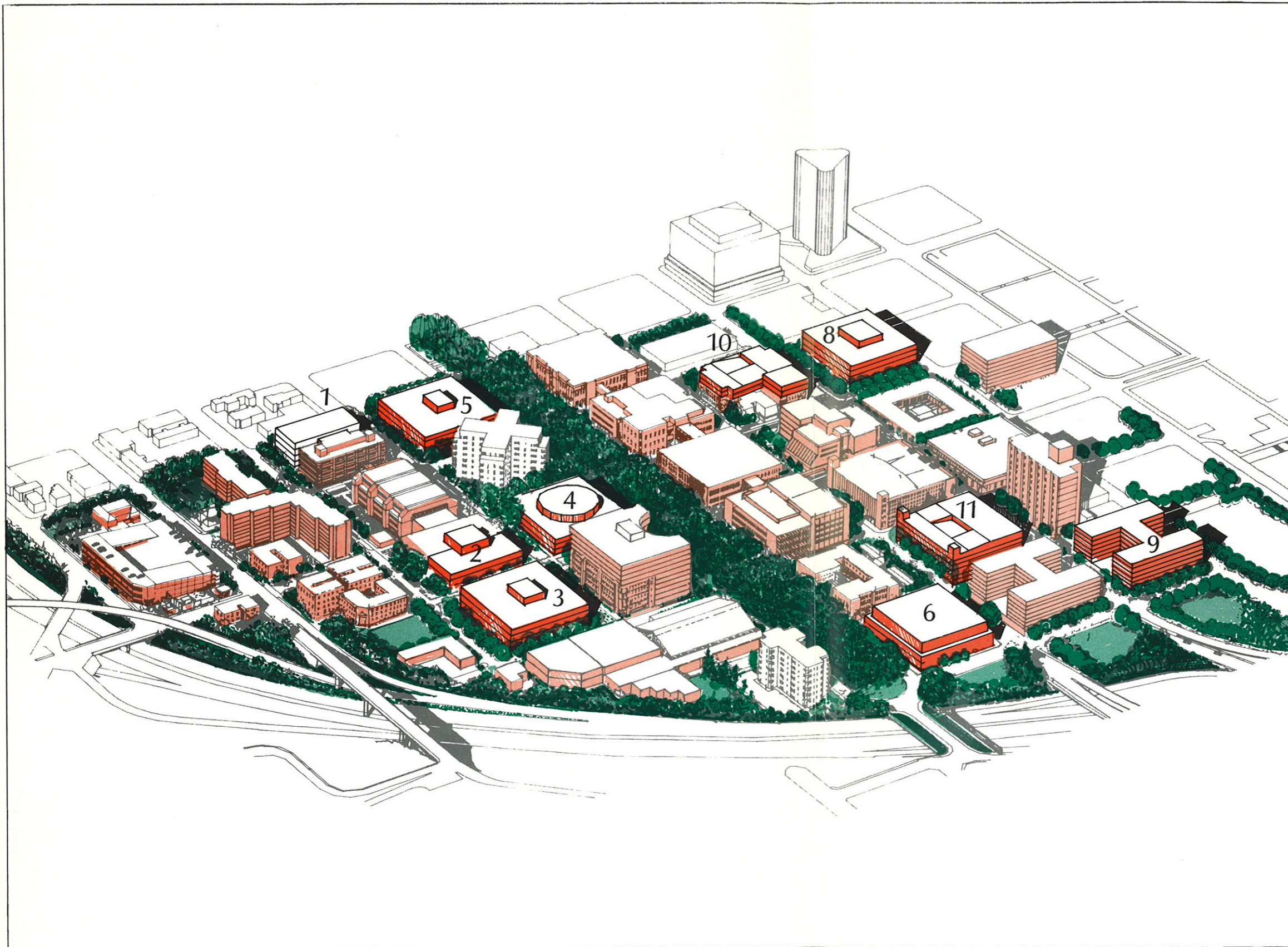
- Carpool parking to be relocated on block 153 until a housing project is approved and funded.
- Approximately 200 spaces could be acquired if the University Center Building is purchased on block 160.
- Parking for 170 cars provided in a structure on block 268 below proposed housing units. Spaces provided allocated to existing residential units on 268 and adjacent blocks.
- Parking for approximately 100 cars to be constructed below Administration I on block 227.

### Site Improvements

- Urban Renewal Funds will allow the addition of sidewalks, street trees and street lighting to streets east of Broadway and west of S.W. Fourth Avenue. Consideration will be given to widening sidewalks on both sides of S.W. Montgomery, S.W. Harrison, and S.W. Hall between S.W. Broadway and S.W. Fourth as major pedestrian links between the campus and the auditorium urban renewal area and the Willamette River. West Campus will receive major landscape improvement to Blocks 239, 267, 268, 269 and 270.



- 1. Academic Space
- 2. Community Education / Faculty Offices / Day Care
- 3. Physical Education (Includes Academic Space)
- 4. Campus Grounds and Physical Plant Support
- 5. On-Campus Residential Building
- 6. Extensive Remodel Anticipated
-  Proposed campus and neighborhood street trees
-  Existing Conditional Use Permit Boundary
-  Proposed Campus Boundary



The Long-Range Plan facility changes include:

1. Science III
2. Engineering II
3. Multi-Use Science, Engineering, Health and Physical Education
4. Central Lecture / Telecommunication / Museum / Student Center
5. Administration II
6. Sports and Recreation Center
7. University Services Building Addition
8. East Campus Academic Space
9. East Campus Housing
10. Parking Structure II Addition
11. Parking Structure IV
12. Site Improvements
13. Art Facility, & Gallery in Shattuck Hall

## THE LONG-RANGE PLAN (15,500 FTE) (24,000 HEADCOUNT)

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To serve 15,500 FTE students, the University will need academic and related facilities with a gross floor area of 5,369,915 square feet. The Long-Range Plan proposes a series of additions to existing buildings, Mid-Range Plan buildings and new construction. The demolition of 23,042 square feet is required to make way for new construction. The remodeling of several multi-use facilities, through phased reallocation of space for greater efficiency, is also proposed. The campus boundary will not change if Mid-Range property acquisition is successful.

### Academic Space

- Science III proposed for construction north of Science I on block 242.
- 75,000 square feet for Engineering II proposed on block 240.
- Multi-phase 180,000 square foot structure potentially serving HPE, Science, and Engineering on block 239.
- 150,000 square feet on block 229, for Central Campus lecture facilities, telecommunication, student support space and gallery / museum space.
- 100,000 square foot Sports and Recreation Center including academic, student and community use facilities on blocks 196 and 197.
- Construct new Graduate Research Facilities on block 162.

### Support Space

- Completion of Administration II is proposed for block 227 with 90,000 square feet. This provides a major entrance to the campus from the north, adjacent to the Park Blocks.
- Add 22,500 square feet of office space to University Services Building on block 189.

### Housing

- Construct 300 units on block 158. Landscape balance of block to create visual entrance to East Campus and City Center from south on 6th Avenue.



## THE LONG-RANGE PLAN

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- Acquire 307 units in the Ione Plaza and 149 units in the Park Plaza through purchase (or add this amount to East Campus construction).
- Construct 140 units on East Campus, or construct 596 units if Ione Plaza and/or Park Plaza are not acquired. Blocks 193 and 158 are being considered as potential sites.

### Parking

- Add parking in conjunction with new mixed-use housing and commercial projects on East Campus blocks 158.
- Add parking in Administration II on block 227.
- Add parking for general academic use in Parking IV on block 192 (as indicated in 1979 Plan). Connect to Parking I on block 191 across S.W. Hall Street and connect across S.W. Broadway Avenue.
- Add spaces to Parking II on block 189.
- Add spaces below grade with research and commercial facilities at grade on block 162.

### Site Improvements

- Encourage and participate in continuation of East Campus street and pedestrian improvements started in Mid-Range plan period.

## THE LONG-RANGE PLAN

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1. Academic Space
  2. Community Education / Faculty Offices / Day Care
  3. Physical Education (Includes Academic Space)
  4. Parking Structure
  5. Campus Grounds and Physical Plant Support
  6. On-Campus Residential Building
  7. Extensive Remodel Anticipated  
Campus and Neighborhood Street Trees

## CAMPUS PLAN IMPLEMENTATION SCHEDULE

Block	Building	Present Condition	Mid-Range Plan Present	Long-Range Plan	Demolition Mid-Range	Demolition Long-Range	Change From
202	Lincoln Hall	135,052	135,052	135,052			0
201	Cramer Hall	239,564	239,564	239,564			0
227	Div. Cont Ed	30,000	-	-	30,000		(30,000)
200	Smith Center	222,391	222,391	222,391			0
199	Neuberger Hall	222,515	222,515	222,515			0
227	Harder House	5,045	5,045	-	5,045		(5,045)
267	Social Work I	7,128	7,128	7,128			0
267	Social Work II	4,770	-	-	4,770		(4,770)
242	Science I	91,164	91,164	91,164			0
231	HPE	130,377	160,377	160,377			30,000
190	Francis Manor	12,768	-	-	12,768		(12,768)
290	Millar Library	113,427	329,427	329,427			216,000
192	East Hall Faculty	23,042	23,042	-		23,042	(23,042)
198	Shattuck School	67,940	67,940	67,940			0
N2B	F & F Day Care Bldg	15,692	15,692	15,692			0
241	Science II	213,598	213,598	213,598			0
159	Ondine	33,000	33,000	33,000			0
190	School of Education	53,293	165,293	165,293			112,000
161	PC for Adv Tech	40,453	40,453	40,453			0
160	PSU Bookstore		30,000	30,000			30,000
240	Engineering		75,000	150,000			150,000
227	Admin Center		90,000	180,000			180,000
239	General Academic			180,000			180,000
229	Lecture Hall			150,000			150,000
197	HPE			100,000			100,000
162	General Academic			120,000			120,000
242	Science III			80,000			80,000
<b>ACADEMIC TOTALS</b>		<b>1,661,219</b>	<b>2,166,681</b>	<b>2,933,594</b>	<b>52,583</b>	<b>23,042</b>	<b>1,272,375</b>
23B	West Heat Plt	3,737	3,737	3,737			0
240	Campus and Grounds	10,025	-	-	10,025		(10,025)
S2B	Recycling Center	634	634	634			0
198	Campus Security	2,288	2,288	2,288			0
189	Univ Service Bldg	59,067	59,067	81,567			22,500
240	Harrison Bldg	1,960	-	-	1,960		(1,960)
270	Campus and Grounds		10,025	10,025			10,025
<b>CAMPUS AND GROUNDS</b>		<b>77,711</b>	<b>75,751</b>	<b>98,251</b>	<b>11,985</b>	<b>0</b>	<b>20,540</b>
227	Parkway	40,500	40,500	-	40,500		(40,500)
229	Blackstone	40,655	40,655	40,655			0
229	Montgomery	43,320	43,320	43,320			0
240	Mary Ann	13,320	-	-	13,320		(13,320)
242	Stratford	22,950	22,950	-	22,950		(22,950)
268	St. Helens	36,280	36,280	36,280			0
269	King Albert	31,950	31,950	31,950			0
269	Birmingham	9,190	9,190	-	9,190		(9,190)
N2A	Adeline	11,480	11,480	11,480			0
159	Ondine	181,031	181,031	181,031			0
268	West Campus Housing		131,876	131,876			131,876
267	West Campus Housing		69,775	69,775			69,775
153	East Campus Housing		58,800	58,800			58,800
193	East Campus Housing		132,300	132,300			132,300
269	West Campus Housing		30,600	30,600			30,600
158	East Campus Housing			120,000			120,000
<b>HOUSING</b>		<b>430,676</b>	<b>840,707</b>	<b>888,067</b>	<b>85,960</b>	<b>0</b>	<b>457,391</b>
181	Parking I	315,937	315,937	315,937			0
189	Parking II	110,877	110,877	185,877			75,000
S2B	Parking III	234,256	234,256	234,256			0
159	Ondine Parking	11,550	11,550	11,550			0
161	PCAT Parking	30,000	30,000	30,000			0
160	Univ Serv Bldg		63,800	63,800			63,800
192	Parking IV			320,000			320,000
268	Housing Parking		62,183	62,183			62,183
227	Admin Parking		40,000	80,000			80,000
193	E Housing Parking		80,000	80,000			80,000
153	E Housing Parking		26,400	26,400			26,400
158	E Housing Parking			40,000			40,000
<b>PARKING (STRUCTURES)</b>		<b>702,620</b>	<b>975,003</b>	<b>1,450,003</b>	<b>0</b>	<b>0</b>	<b>747,383</b>
		<b>2,872,226</b>	<b>4,058,142</b>	<b>5,369,915</b>	<b>150,528</b>	<b>23,042</b>	<b>2,497,689</b>

## INFRASTRUCTURE AND CIRCULATION SYSTEMS

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The Campus Plan proposes several improvements to the infrastructure and circulation systems which form the physical environment of the campus and its surroundings: the water system, communications system, exterior lighting, trees, landscaping, pedestrian surfaces and emergency and service routes. Many of these elements are instrumental in creating a sense of cohesion and continuity to the campus.

Using the locations of these elements as a framework, buildings and improvements have been proposed to accommodate projected academic space, housing and parking goals of the University.

In most cases, the on-campus infrastructure has evolved from the urban grid comprised of 200-square-foot blocks. As city streets have been vacated, the grid continues to provide order to campus buildings and major landscaping.

The continued use of elevated bridges to connect buildings will accommodate campus expansion east of SW Broadway where street closure is not possible.

The following pages illustrate the existing and proposed infrastructure and circulation systems.

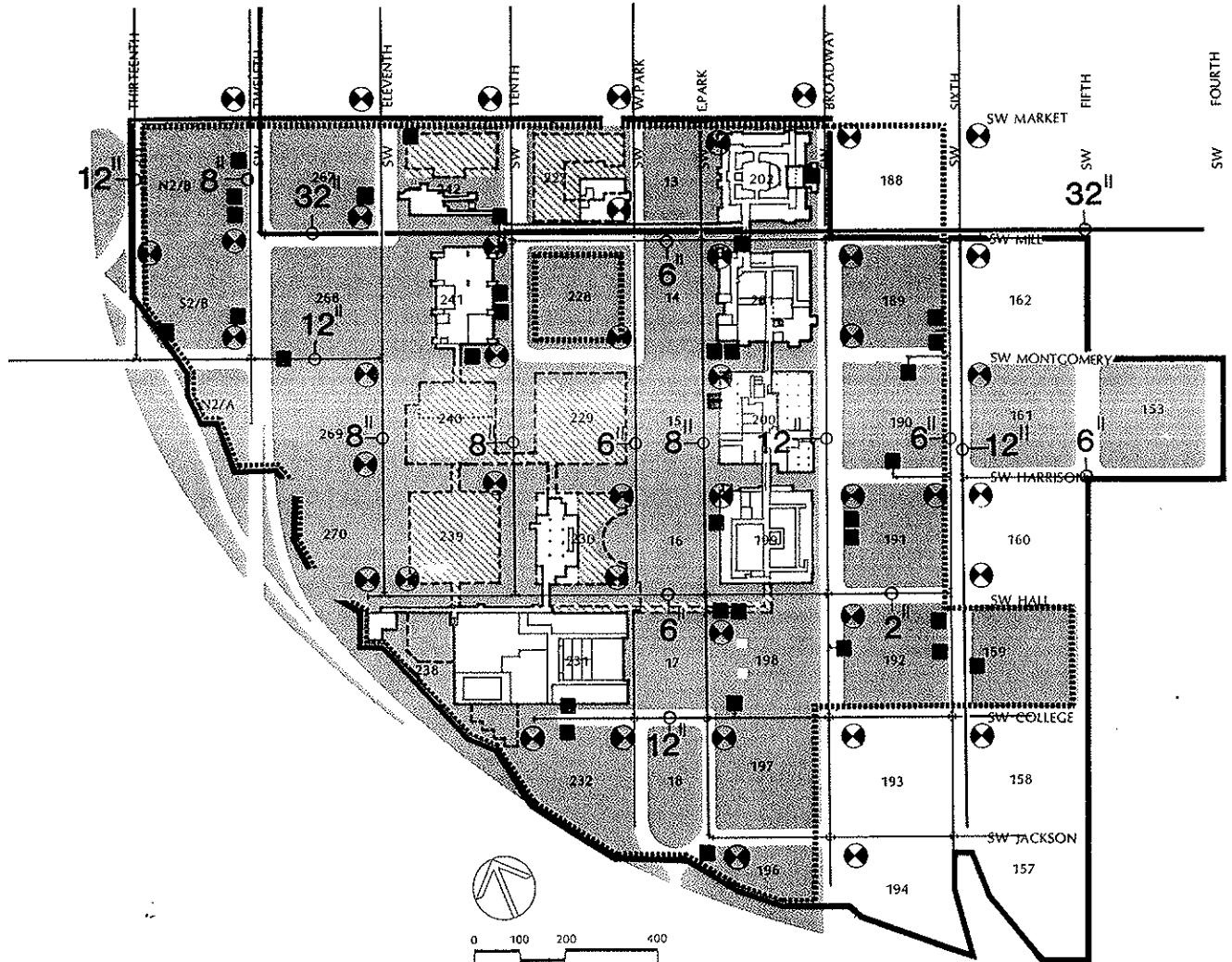
# INFRASTRUCTURE AND CIRCULATION SYSTEMS



## UTILITY TUNNEL SYSTEM

- Existing Utility Tunnel
- - - Proposed Utility Tunnel
- ▨ Existing Mechanical Basements
- ⋯ Campus Boundary

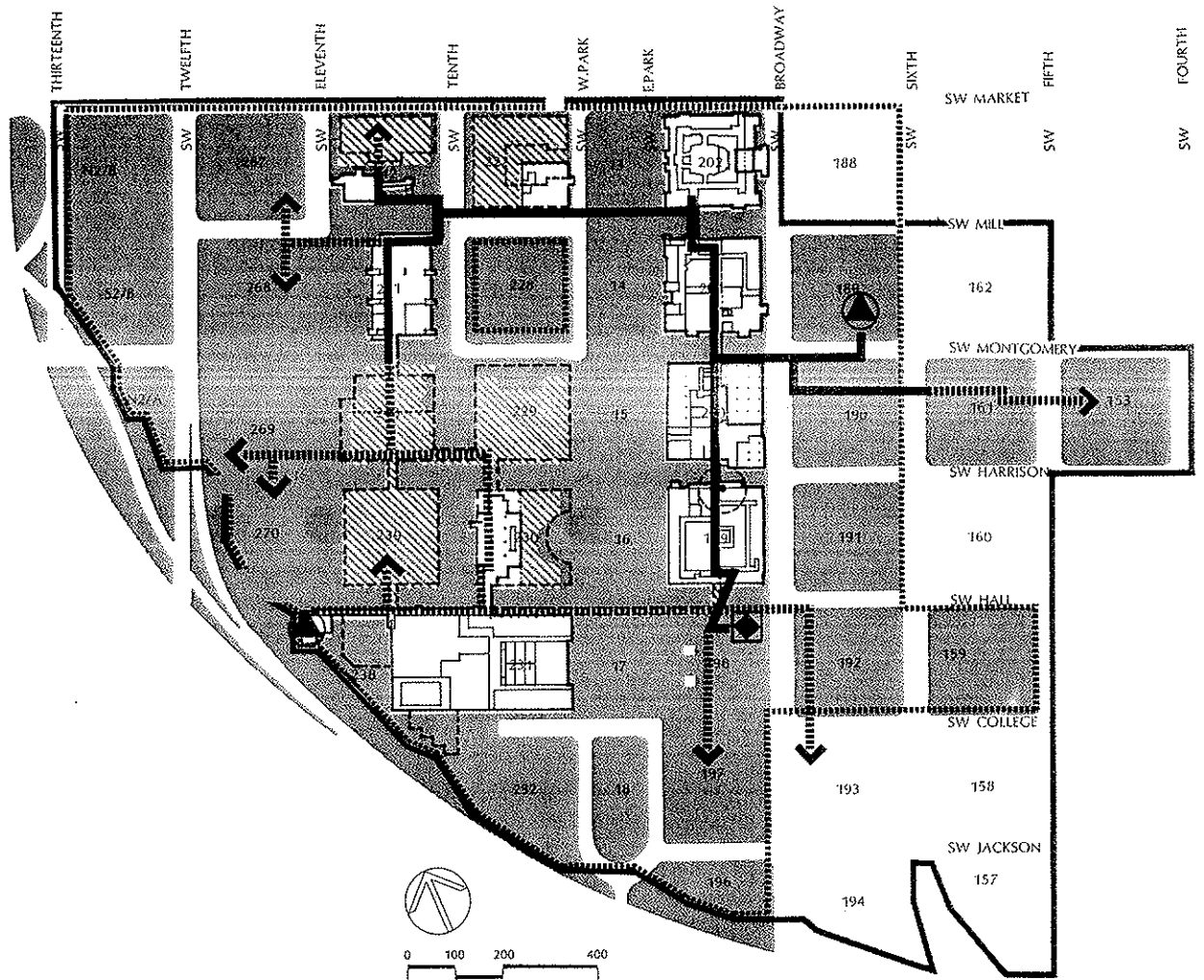
# INFRASTRUCTURE AND CIRCULATION SYSTEMS








## CAMPUS WATER SYSTEM

- Water Line (Number is Size in Inches) —————
- ⊗ Fire Hydrants
- Water Meter
- Campus Boundary - - - - -

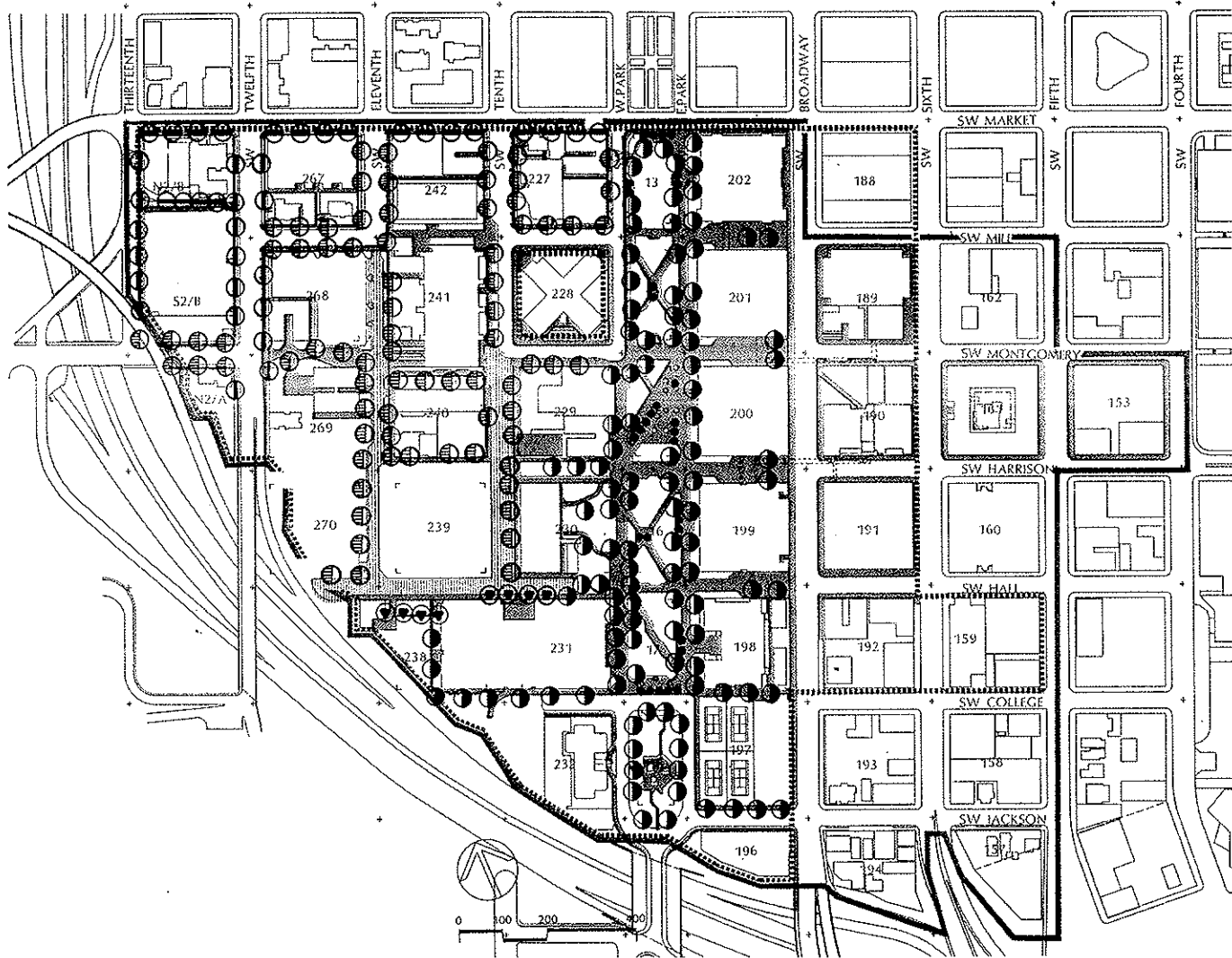
# INFRASTRUCTURE AND CIRCULATION SYSTEMS



## CAMPUS COMMUNICATION SYSTEM

-  Mechanical Monitoring
-  Computer Center
-  Antenna/TV Studios
-  Existing TV Services/Computer Cable
-  Future TV Services/Computer Cable

# INFRASTRUCTURE AND CIRCULATION SYSTEMS

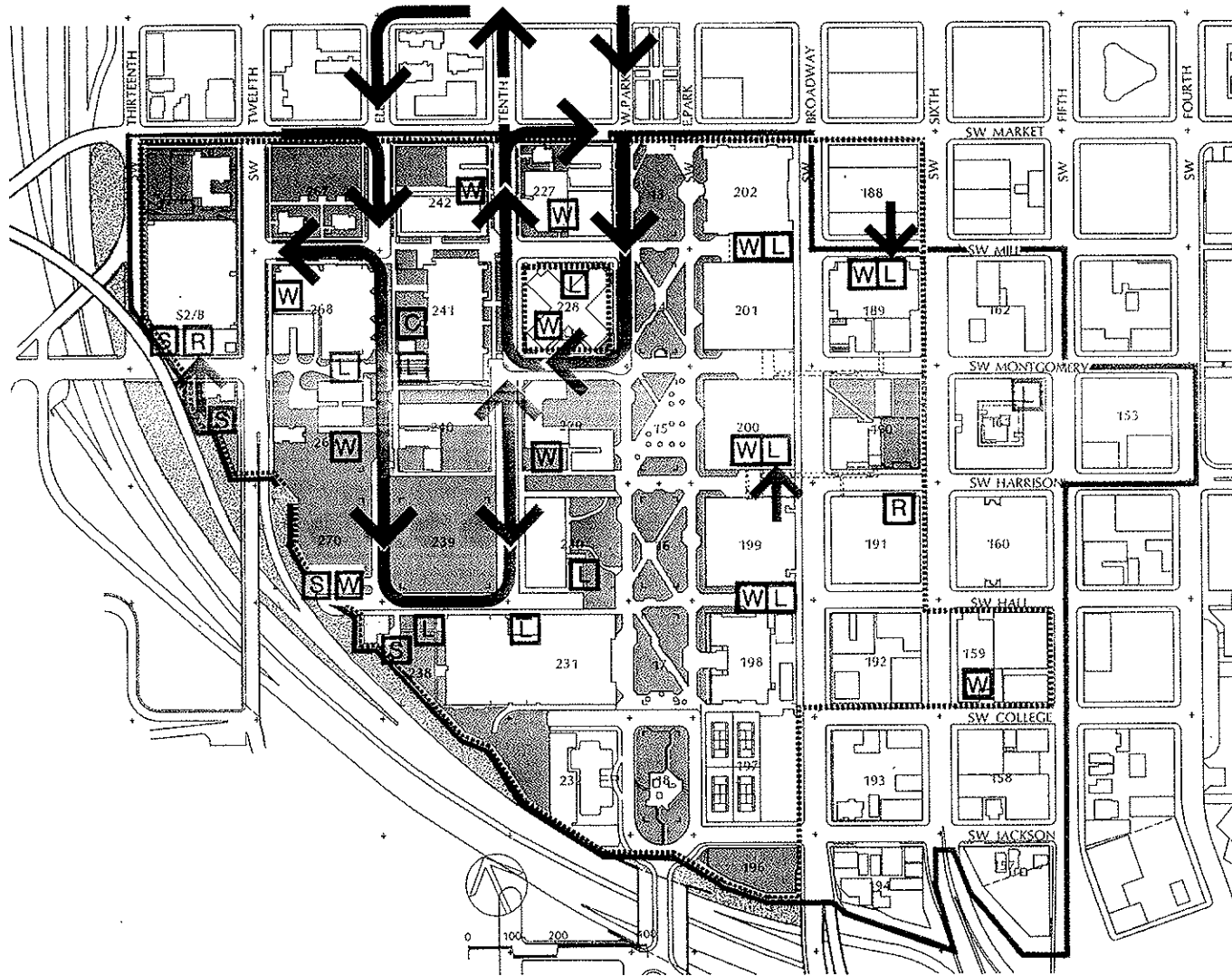


## EXTERIOR LIGHTING

- ⊖ PDC Standards, 15' height; 24" opaque sphere, 227V
- PSU Standards, 12' height; 18" crystal sphere, 227V.
- ⊕ PSU Standards 12' height; 18" crystal sphere, 120V.
- ⊙ PSU Standards, 8' height; 16" opaque sphere, 120V.
- 36" high concrete light bollard



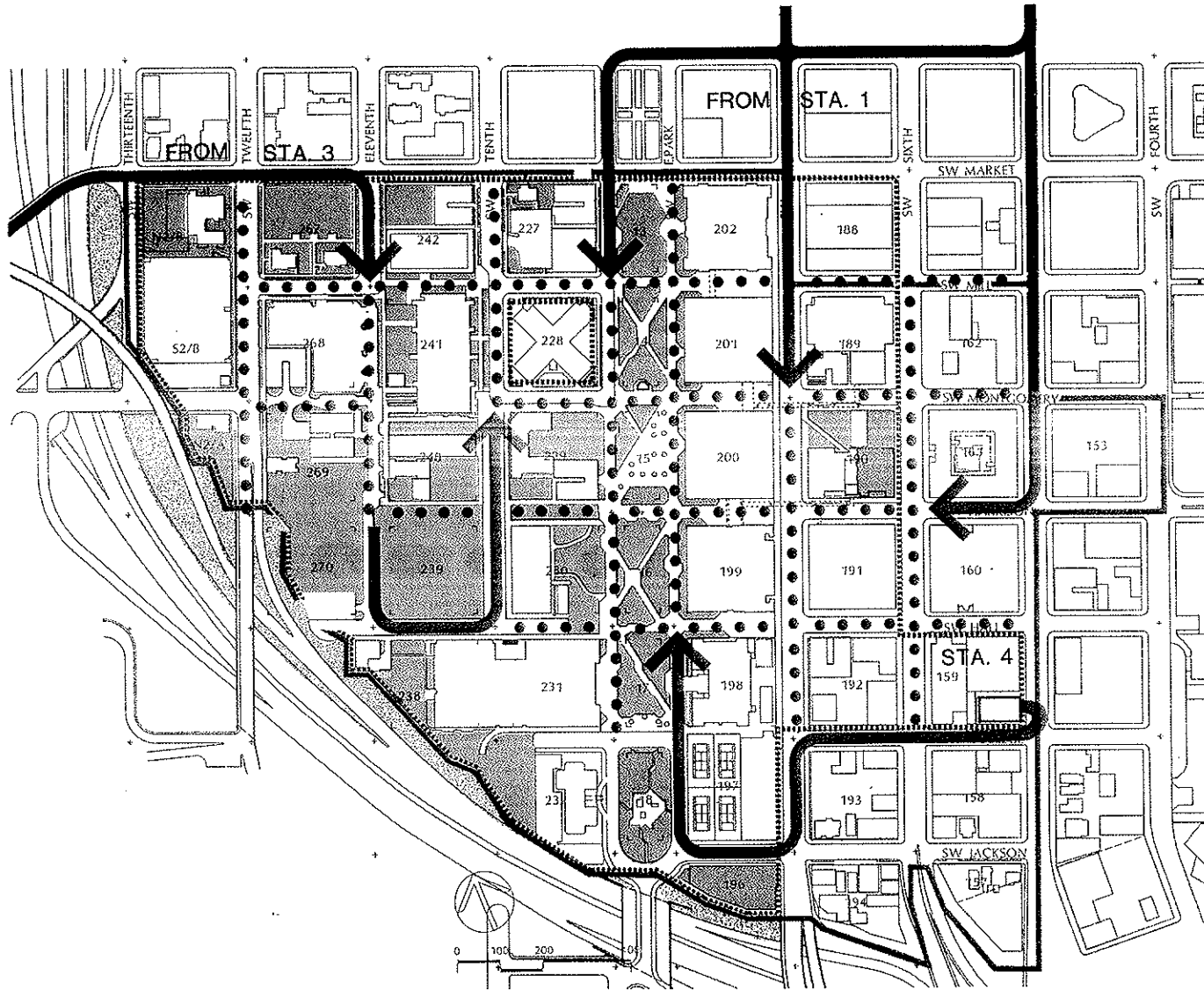
# INFRASTRUCTURE AND CIRCULATION SYSTEMS



## SERVICE CIRCULATION

- S** Site Storage
- L** Loading and Delivery
- W** On Site Waste Collection
- C** Chemical Delivery and Removal
- R** District Recycle Collection
- WL** Major Loading and Waste Collection
- On Campus Restricted Service Route

# INFRASTRUCTURE AND CIRCULATION SYSTEMS



## EMERGENCY VEHICLE CIRCULATION

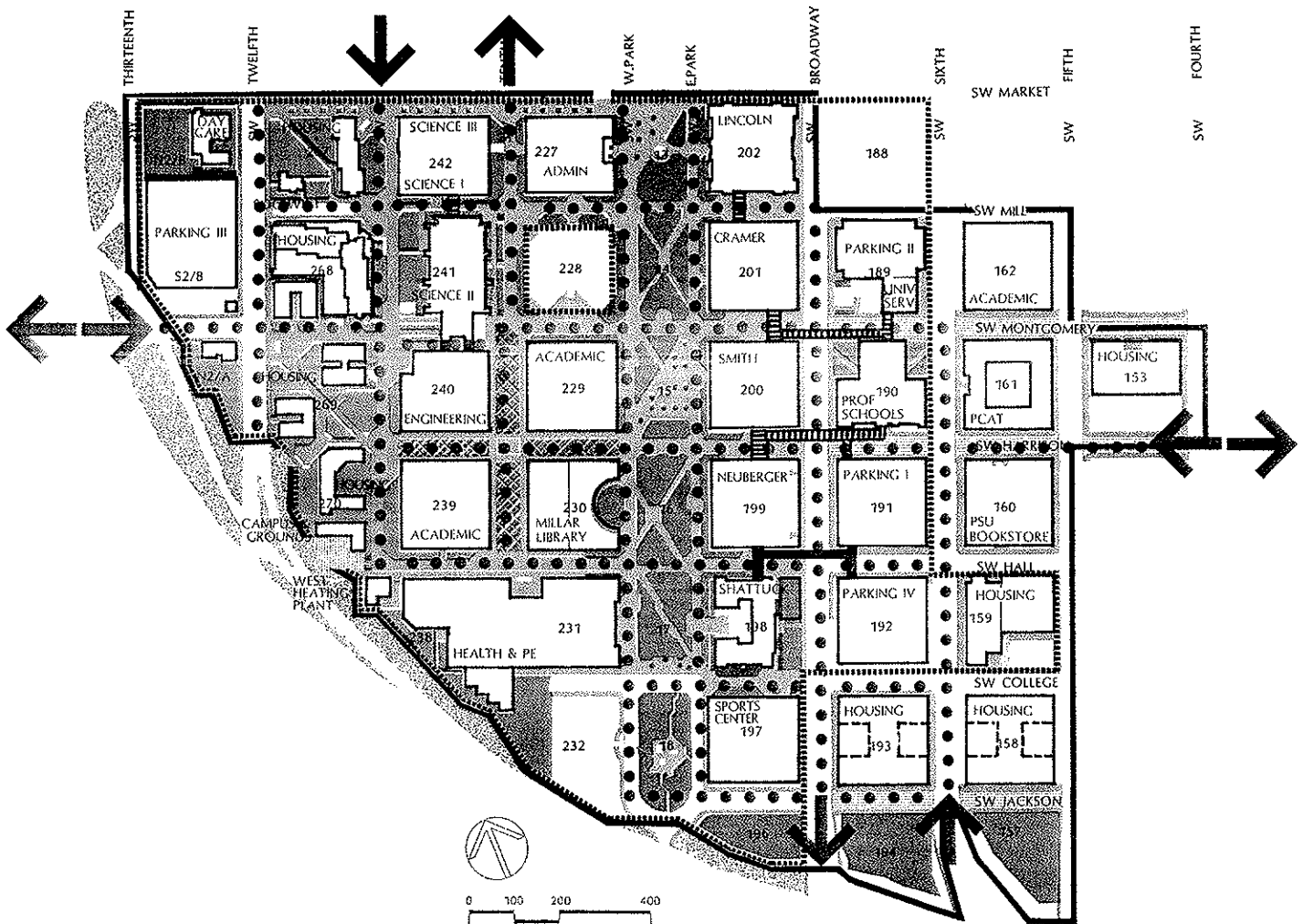
Primary Access Route From Fire Stations 1, 3 & 4



Secondary Campus and Neighborhood Access



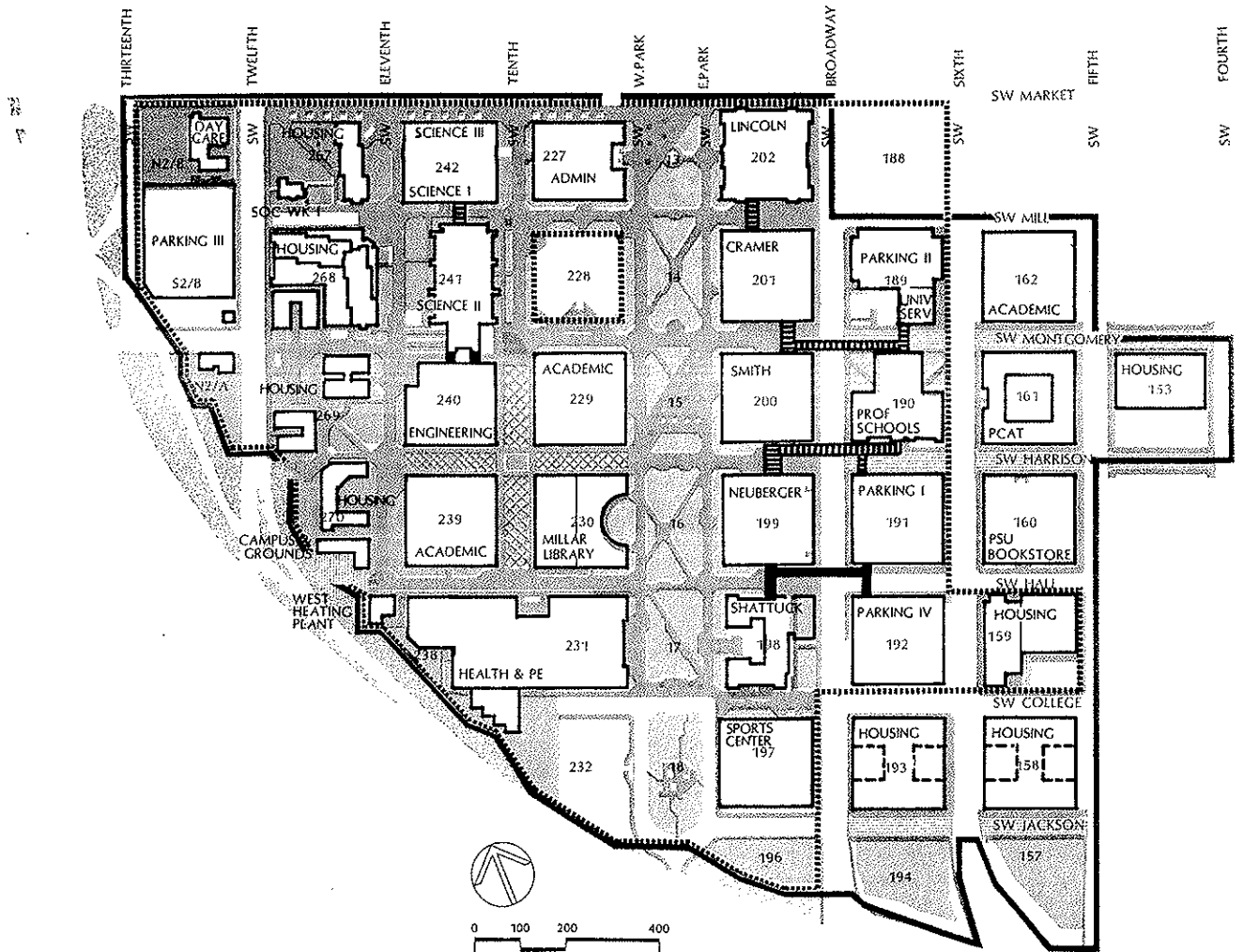
# INFRASTRUCTURE AND CIRCULATION SYSTEMS





## PEDESTRIAN & BIKE CIRCULATION

- Paved Pedestrian Areas
- ..... Designated Bike Path on City Transportation Plan

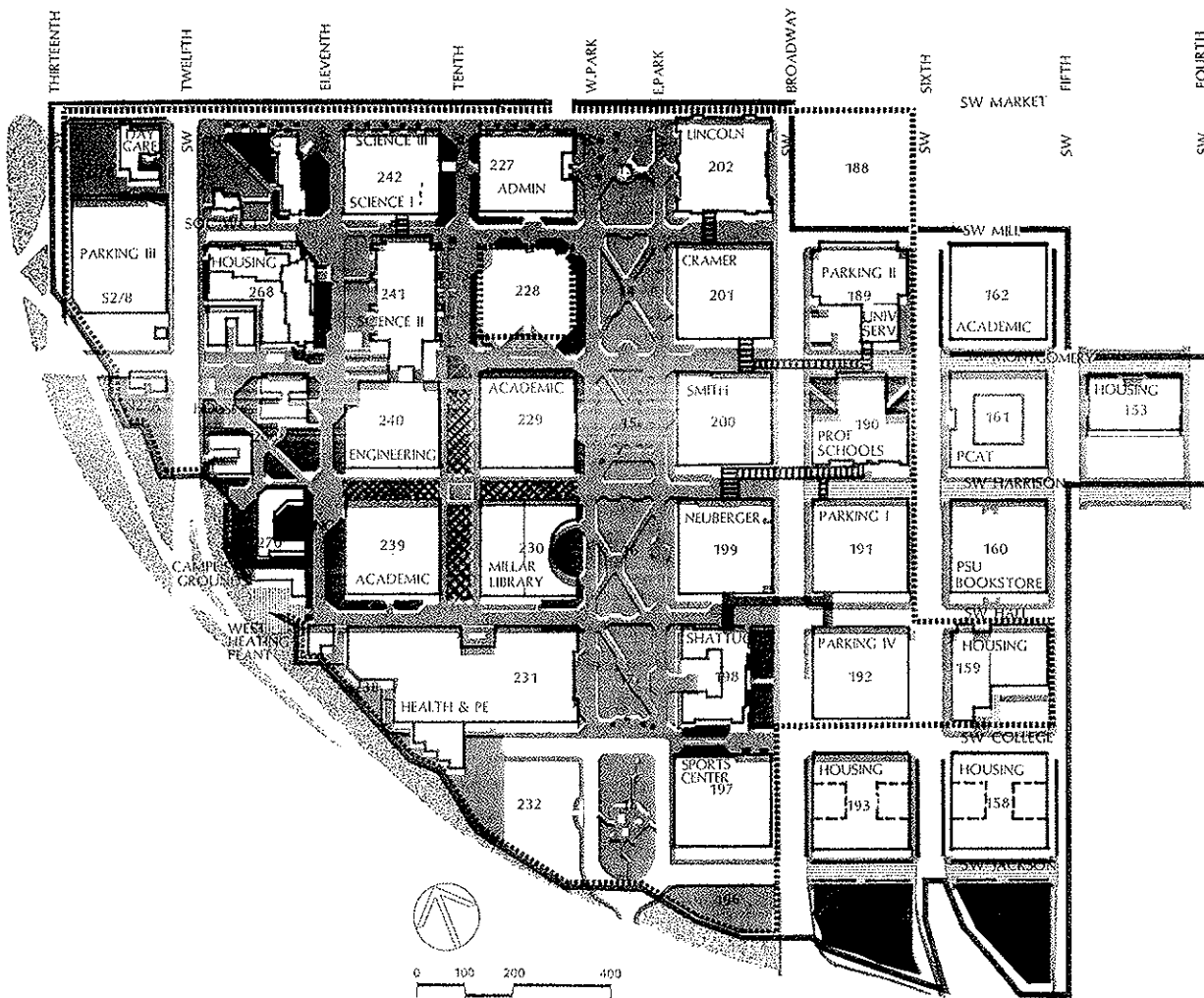
# INFRASTRUCTURE AND CIRCULATION SYSTEMS






## PEDESTRIAN BRIDGE SYSTEM

-  Existing Bridges
-  Proposed Bridges

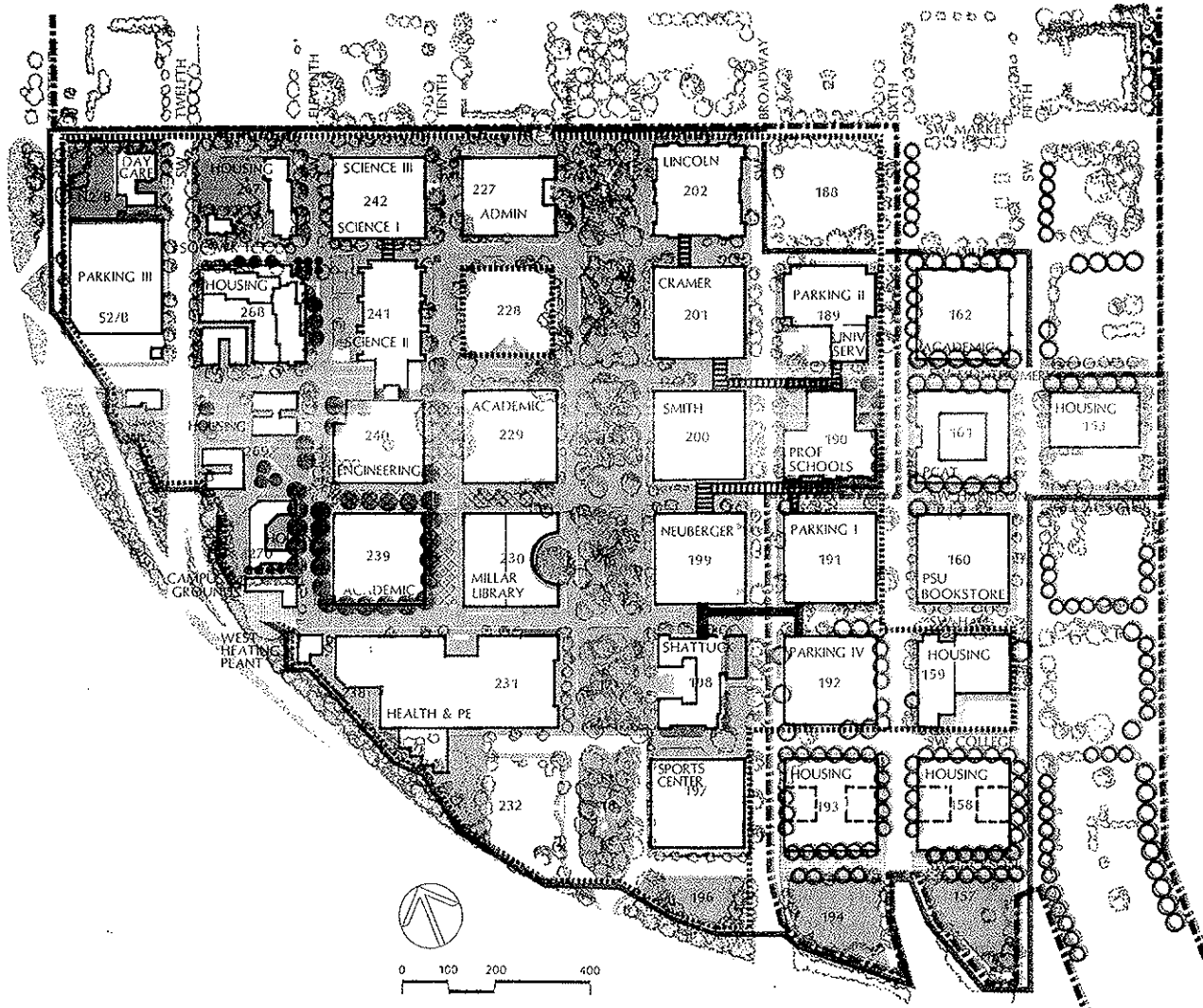
# INFRASTRUCTURE AND CIRCULATION SYSTEMS



## LANDSCAPED OPEN AREAS

-  Freeway Off-Campus Landscaping
-  Existing Landscaping
-  Proposed Landscaping Areas

# INFRASTRUCTURE AND CIRCULATION SYSTEMS



## CAMPUS & NEIGHBORHOOD TREES

- On Campus Trees
- Proposed Street Trees
- Existing Landscape
- Proposed Campus Trees
- Urban Renewal Boundary

## UNIVERSITY DISTRICT RECOMMENDATION

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### CENTRAL CITY PLAN

The PSU Development Plan recommends that the Central City Plan consider the following:

- Establish a University district
- Amend Title 33 zoning code maps
- Modify the City's official quarter section maps
- Develop university district design guidelines for:
  - Building heights
  - Floor ratios
  - Lot coverage
  - Setbacks
  - Bike paths
  - Signage
  - Parking
  - Loading
  - Central city south entrance
- Develop design guidelines for on-campus structures for each block within the proposed boundary

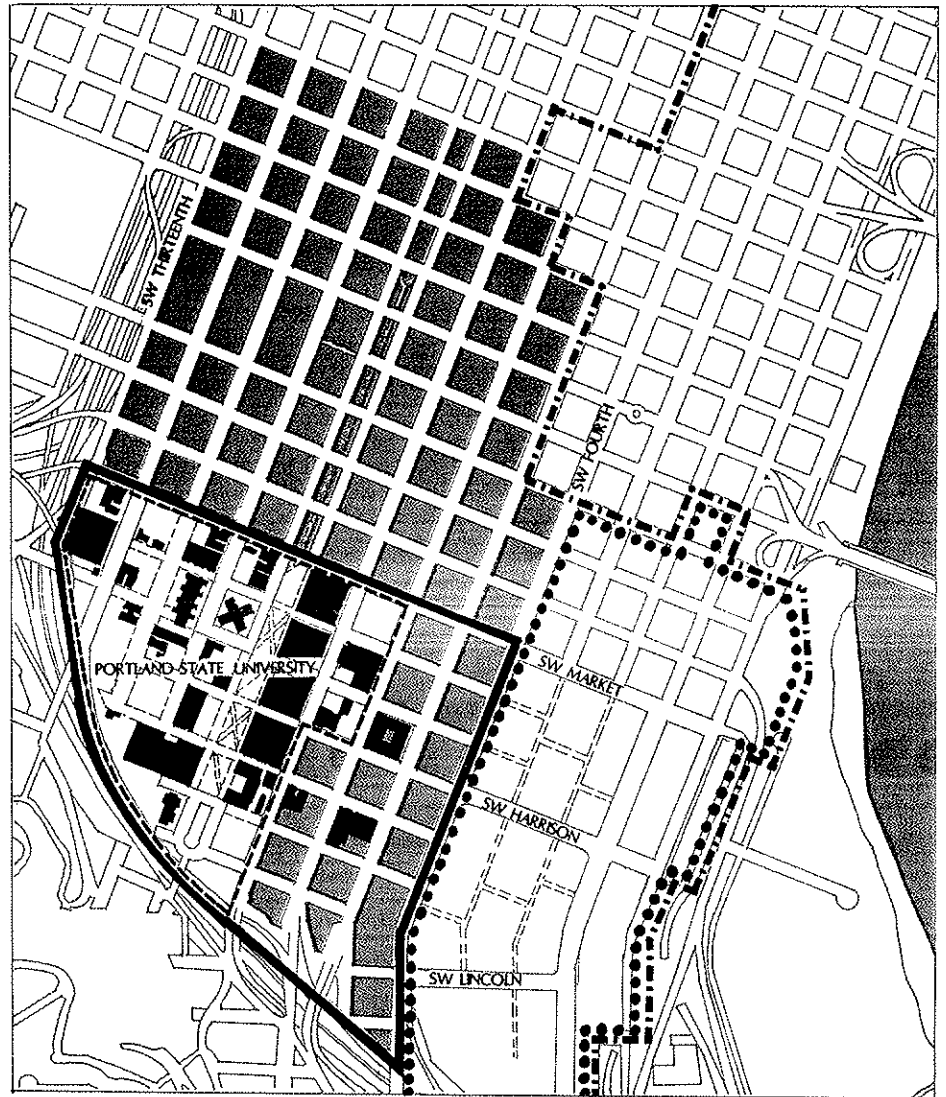
### URBAN RENEWAL

In the past, PSU has benefited from the urban renewal process in the enhancement of the University environs and resulting economic development. It is proposed that PSU, the Portland Development Commission (PDC) and private developers reactivate the Urban Renewal process for proposed East Campus expansion areas.

Specifically, the Urban Renewal process would offer the following features:

- Link the University and its neighborhood through common housing and development on land east of the existing campus.
- Identify PSU/PDC common goals such as improvement of the overall condition and appearance of the area, elimination of blight, increased and improved housing, expanded facilities and upgrading of the Park Blocks.
- Site transit stations where they increase opportunities for commercial activities and for medium- and high-density apartment development.
- Provide funding for street lights, trees and other pedestrian improvements.
- Allow PSU a voice in design guidelines for the area between the existing campus boundary and the South Auditorium urban renewal area.

# UNIVERSITY DISTRICT RECOMMENDATION



## SOUTH PARK BLOCKS URBAN RENEWAL AREA

- Renewal Area Boundary
- Portland State Planning District
- - - Portland State University Renewal Area
- South Auditorium Renewal Area
- · - Downtown Waterfront Renewal Area
- South Park Blocks Renewal Area



# UNIVERSITY DISTRICT RECOMMENDATION

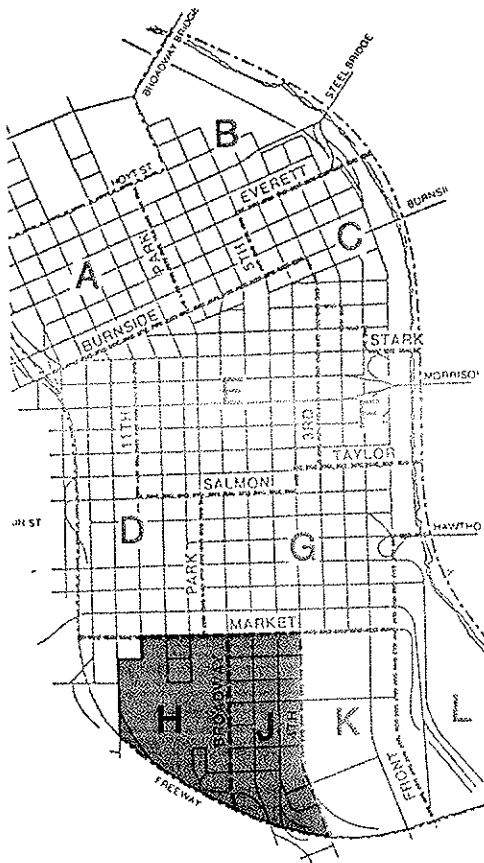
## DISTRICTING

The Downtown Development Zone (D) allows and encourages the identification and enhancement of unique urban qualities in areas of special interest and use. When unique character is to be preserved, special districts are formed such as the Skidmore/Old Town Historic District, the Chinatown Unique Sign District or the South Waterfront Special District. The PSU campus straddles one of the special districts identified within the Downtown Plan - the Park Blocks Special District.

PSU proposes that the campus and adjacent areas to the east be considered as a special district because of the unique park setting of the campus, its location on the south edge of the urban core, and proposed campus expansion to the east which will create a "mixed" private-public environment between Broadway and 4th Avenue. This special district - the Portland State University Planning District - would include development of special design guidelines to integrate University and private development into a cohesive environment. Guidelines would also be developed for public rights-of-way including landscaping, street trees, furnishings, lighting, sidewalk paving and signage.

Within the PSU Planning District, parking sectors H and J of the "Updated Downtown Parking Plan" can be consolidated to provide the City additional control and management. PSU currently has within its management 2,417 spaces, as compared to the Downtown Parking and Circulation Policy short-term goal of 2,200 spaces for sectors H and J. The City's long-term goal for sectors H and J is 2800 spaces with a combined short- and long-term goal of 5000 spaces.

As PSU develops additional housing within its proposed expansion and allocates parking spaces to both existing and proposed units, the City's parking lid can reflect such allocation, "returning" spaces into the reservoir for use by other district property owners.



DOWNTOWN PARKING SECTORS

## BOUNDARIES

Within this proposed district's 53 city block area, the campus boundary would include 38 blocks, 6 Park Blocks, and 9 blocks on the east side of PSU's SW 4th Avenue boundary. The district's easterly 19 blocks form the south leg of the South Park Blocks Urban Renewal Plan which encompasses 134 acres of land along the western edge of the City's core.

## CAMPUS BEAUTIFICATION PLAN

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An opportunity exists for improving our campus environment. The PSU Campus Plan has proposed that a special design district be created on the east side of the Campus to create a University District. PSU intends to explore this concept with the City of Portland, the Portland Development Commission and other property owners in the summer of 1987. We anticipate specific district design standards will result establishing an appropriate level of design for our University and its environs. As part of this effort, PSU has initiated a Campus Beautification Plan that will implement solutions to some of the more immediate visual and environmental concerns.

Starting in the spring of 1987 this plan will provide solutions to some of the identified problems. Planned work includes:

### Campus Entry Signage and Graphic Standards

Design a unique PSU graphic alphabet for use in all campus graphics for building names, campus signage, stationery and other University graphic needs. (A graphic artist has been selected to design this artwork.)

Provide major campus identification signage at campus entry points.

Provide a lighted Portland State University sign on Broadway bridge at S. W. Montgomery facing north on Broadway.

### Broadway Visual Corridor

Place large planters and other landscape softening street furniture at the entries to campus off of Broadway.

Implement installation of new building signage on buildings along Broadway.

Paint and repair exterior of painted building walls on Broadway and Market Streets.

Replace damaged traffic bollards with more aesthetic bollards, signage and street furniture.

Remove old University signage along Broadway.

## CAMPUS BEAUTIFICATION PLAN

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### Bicycle Parking

Locate new bicycle hoops in designated bicycle parking areas between Lincoln and Cramer, Cramer and Smith Center, Neuberger and Shattuck Hall Computer Center.

### Upgrading Landscaping

Development of rose and annual beds at selected locations to provide year-round color and interest.

Development of appropriate landscape ground cover materials in curb landscaping strips and other selected locations.

### Campus Directory Boards

Provide directional signage at key campus entry points for automobiles, pedestrians and bicyclists.

### Street Trees

At Broadway entries to campus, locate street trees or landscape materials to soften these areas.

Develop a pedestrian walkway tree planting plan on west campus.

Supplement current landscaping as required to improve appearance.

### Campus Lighting

Improve lighting of campus entry points.

Select new or modified campus lamppoles to establish unique identity to University District and Campus, and to improve overall lighting levels.

### Water Features

Select an appropriate water feature at or near the North Park Blocks campus entry to provide a formal ceremonial entry to the University.

Design a reflecting pool or fountain near the Park Blocks entry to Millar Library entry to provide a central campus focus.

Install four-bowl brass Nelly Robinson drinking fountains at several locations in the Park Blocks and on Broadway.

## COORDINATION WITH THE CITY OF PORTLAND

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### Introduction

The purpose of this section is to address the issues of goals, policies and regulations impacting the Portland State University Campus Development. The 1986 update of the previous plan was stimulated by changing conditions including an expanded emphasis on student housing and the need to resolve parking allocation and management issues. In addition, a proposed Beautification Plan and Library addition require a current context in which to be designed and coordinated.

In the development of the 1986 plan, it became apparent that, to accommodate 15 percent of the student population in university housing, additional property will be required. The result of this consideration was a PSU acquisition boundary extension, generally from 6th Avenue to 5th Avenue as illustrated on page 10. This boundary extension would allow Portland State, over time, to aggregate sufficient properties to implement their housing plan. In the process of reviewing boundary conditions, the idea emerged of a University District bounded on the north by S. W. Market, on the east by 4th Avenue, and on the south and west by the freeway. This suggestion, if implemented, could provide a framework for jointly planning the mixed-use area between Broadway and 4th Avenue. The 1986 Campus Plan is conceptual with respect to development of the area east of Broadway, in that it anticipates a joint planning effort by the City and the University.

Previous plans have identified the parking needs as related to full-time equivalent students (FTE). It has been the characteristic of Portland State that many of their students work as well as attend the University, resulting in a requirement for mobility not always served by public transportation. The historic needs have been in the range of 1 parking space to four FTE. This plan utilizes the City of Portland's formula for calculating and forecasting University parking.

The goals and objectives for Portland State University have changed substantially over time to reflect the changing attitudes and needs of the community. Therefore, this planning document and its predecessors have been referred to as "framework plans" providing a general context into which specific projects can be designed and reviewed. Each project funded and implemented will require design review. It is anticipated that the 1986 plan will establish procedures for identifying the appropriate number of parking spaces for Portland State University and an acceptable method of management of these spaces. In addition, this plan is submitted as a framework for individual project development, review and implementation.

## COORDINATION WITH THE CITY OF PORTLAND

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### Downtown Plan Goals and Policies

#### General Goals:

Portland State University should be an "urban university".

Portland State University is by its nature, location and role an "urban" university. It provides unique educational opportunities to Oregon's largest metropolitan area. We fully support recognition of our special role and function.

#### Specific Goals

A. Encourage interaction between the university and the larger community.

PSU encourages and supports interaction between the University and community.

1. Portland State University should be totally accessible to the handicapped.

Portland State University is now nearly "totally accessible" to the handicapped. Recent improvements in access to PSU Portland Center for Advanced Technology and to Millar Library have improved accessibility. In addition, Francis Manor, an 'inaccessible' building, is being demolished in the summer of 1987 to make way for the pedestrian plaza adjacent to the new School of Business. PSU has supported full handicapped access in the past and will continue to in the future. Our role is to insure that all handicapped citizens are provided with the same 'access' to an education as everyone else.

2. Encourage appropriate and desirable retail uses of private property which can serve both the university and the general public.

Smith Memorial Center currently has four restaurants, a barber shop, bowling alley and several small shops all within the student center. In addition, Portland Student Services maintains a small grocery store in the King Albert Building and a restaurant in the Montgomery Court building (Mother's Deli) to serve student needs. PSU also leases space in the Ondine to Pizza Hut and Moyer Theatre. The University supports and encourages the development of office and other retail usage of private property surrounding the University. We believe that the "University District" can become an effective tool for encouraging the mixed uses that will develop

## COORDINATION WITH THE CITY OF PORTLAND

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adjacent to campus. PSU's "acquisition" boundary will allow PSU and other property owners to participate in turning the University District into a viable part of the downtown core.

B. Minimize congestion in the PSU area caused by student autos; develop alternatives to private vehicle parking in the area.

Minimization of the traffic congestion in the PSU area is an important goal of the University. PSU has long supported mass transit. PSU's Parking Management Plan supports the goals and objectives of the Downtown Parking and Circulation Policy. All additions to the PSU parking supply will be submitted as a conditional use application.

1. It is desirable for the University to maintain only the minimum amount of parking necessary to complement alternative modes of transportation.

As the University may only finance and pay for parking through user fees, it is our best interest to encourage the use of mass transit and to minimize automotive parking.

PSU has begun studies to document how current parking spaces are used. Peak demands, duration of stay and other factors of concern are periodically measured and are being used as Parking Management Plan tools. This information will be periodically analyzed and used as a tool to manage demand level. PSU will provide periodic reports as required by the DPCP.

2. The student population should serve as a target group for transit programs.

PSU provides incentives and encourages students and staff to utilize mass transit. PSU has set a goal of 50% transit usage by students and staff. The Parking Management Plan will, with the help of the City of Portland, Portland Development Commission and Tri-Met, seek to develop strategies to increase transit usage and meet this goal. PSU will continue to support ride sharing and other means to make more efficient use of the existing parking spaces.

3. Bicycle trails should be developed to provide access to the University from areas of concentrated student housing (i.e., Corbett, Northwest Portland, Goose Hollow).

## COORDINATION WITH THE CITY OF PORTLAND

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PSU supports the concept of connecting campus with City of Portland designated bicycle paths. The wide walkways within the campus afford easy bicycle access to all structures and across campus. PSU will as part of CU-56-86 provide bicycle information signs at selected entry points to the campus. The campus with its wide walks offers an ideal environment for bicyclists. We are currently supplementing and improving bicycle parking on campus through several capital construction and maintenance projects. See page 31 for details.

C. Provide maximum access to the park blocks and cultural area and the University for both the public and PSU students.

The south Park Blocks could provide the University with a formal entry. We intend to encourage access to the campus by providing additional campus and building signage in the Park Blocks and at other key entry points to the pedestrian campus.

Campus directory boards will be provided at key points to orient and encourage pedestrians and bicyclists to explore the Park Blocks and other campus pathways. PSU will maintain the basic grid circulation pattern established in the downtown guidelines.

1. Expand the balance of the South Park Blocks along the lines developed for the PSU park blocks.

PSU supports and encourages other agencies in their endeavor to complete this project.

2. For users of the cultural area, provide short-term parking in peripheral facilities which are part of a parking system.

PSU supports and encourages the public's usage of all of public parking structures for cultural activities.

3. Extend the cultural area northward with the ultimate goal of connecting the North and South park blocks.

PSU supports the concept. With the development of the new Performing Arts Center north of the campus, these goals have been largely met.

4. Encourage the Park Bureau and other appropriate agencies and private groups to implement programs which will insure maximum public use of the park blocks.

Events are regularly scheduled by PSU in the Park Blocks.

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### D. Minimize the impact of students on the already burdened low-cost housing market.

PSU broke ground recently on the first phase of a student housing project which will provide 98 one-bedroom apartments. Phase II planning for an additional 91 units is in progress.

PSU has established in the campus plan a goal of providing housing for up to 15% of the full-time student population.

Encourage private developers to build additional conventional housing suitable for students, rather than dormitory type housing.

PSU supports the City in promoting additional housing.

### VISUAL IMAGE

#### General Goals:

Create in downtown Portland an urban setting with a definite sense of place and identity by developing strong boundaries, emphatic focal points, unique physical designs for identifiable areas, and by enhancing special views such as the waterfront, and historic or architecturally significant buildings.

The University seeks to be a good neighbor within its environs. The campus Beautification Plan will address identifying the campus boundaries through signage and other improvements in its environments. These first steps, along with the University District concept, will help define the unique urban character of the district. Our long-term goal is to support design guidelines that will enhance and protect our environment.

### SPECIFIC GOALS

#### 1. Sharpen the visual identity of downtown sub-areas or districts such as... Portland State University...

The utilization of an artist designed campus identification graphic and signage system will help create a unique visual image and identity for PSU. This will define and emphasize the campus to the public. The utilization of graphics on the Broadway bridge and at other campus pedestrian entries will be augmented in the future by lighting, artwork, water features and street furniture. Creating a real sense of entry and identity for the campus.



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2. Encourage creation of visual amenities and physical facilities that might not otherwise be built.

PSU has through its 1% for art placed artwork on the campus particularly in the Park Blocks. We believe that through the Campus Beautification plan and the District Concept, further opportunities will be created that will encourage and reinforce the beauty of the campus.

3. Restrict fortress-like facades at street level.

PSU has sought to make its buildings inviting and attractive at ground level. We will attempt to soften some of the hard areas such as the Broadway corridor by supporting the City and Portland Development Commission in providing street furniture and landscaping to soften and humanize the boundary and entries into campus. Opportunities for retail and commercial grade level development exists along Broadway and at other east campus locations. PSU will actively support this concept in future east campus projects.

4. Give careful consideration to design of street furniture, planting, signing and lighting.

Our goal in the University District concept is to support development of a unique street furniture system, pavement treatment, signage, street tree plan and lighting standard similar in character to that established in the Park Blocks. PSU recognizes that the east and west campus have different design requirements and that unique area identifications should be reflected in these design elements.

5. Encourage careful consideration of climatic conditions in design and redesign of buildings.

PSU has been a leader in the State System of Higher Education in energy conservation. We have replaced many inefficient heating systems, have insulated our structures and currently have projects underway to increase future energy conservation.

6. Enforce standards for the number, location and design of billboards and business signs.

While business signs are not really a concern of the University, we support the concept of a city-wide signage standard and will strive to be a leader in the concept.

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### PLANNING GUIDELINES

PSU supports the Downtown Plan Guidelines and will work with the City in establishing criteria for the unique character of the campus and the proposed University District.