

UNIVERSITY *of* PENNSYLVANIA



CAMPUS PLANNING AND DEVELOPMENT
AT THE UNIVERSITY OF PENNSYLVANIA

AN ANNOTATED BIBLIOGRAPHY

Department of Facilities Planning
and
University Archives and Records Center
University of Pennsylvania

**CAMPUS PLANNING AND DEVELOPMENT
AT THE UNIVERSITY OF PENNSYLVANIA**

AN ANNOTATED BIBLIOGRAPHY

Compiled by

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for the

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University of Pennsylvania

June 30, 1991

updated February 1994 by Theresa R. Snyder (UARC)

DEDICATION

This publication is dedicated to Mr. Harold Taubin, retired planner for the University, and Director of the University Planning Office from 1959–1966. His contribution in helping to shape the present campus, and his continued enthusiasm and energy in planning for the future campus, are an inspiration to all.

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INTRODUCTION

The purpose of this bibliography is to facilitate research in the planning and development of the University of Pennsylvania campus. The materials referenced have been retained by the Department of Planning and include original source material produced by the Planning Office, as well as associated reports and studies by outside consultants. Most of the items referenced fall within the post-World War II era of campus expansion, roughly interpreted to be the 1950's to the 1970's, although some documents have been included which are outside this time period because of their significance.

The citations are grouped into five categories, generally in chronological order of publication. Sections A and B list general sources related to the development of the University, and University of Pennsylvania Planning Reports respectively. Section C contains related studies prepared by the Philadelphia City Planning Commission, and planning consultants retained by the University. Section D references documents prepared by the University Planning Office for construction and renovation projects during the 1959-66 period. Although every attempt was made to list each item under its most descriptive heading, several documents seemed to defy a singular topic heading. These are listed in Part E.

Original drawings from this period produced by the University Planning Office and retained by the Department of Planning are listed in Appendix 1.¹ Appendix 2 contains a file folder index of materials related to Campus Planning and Development at Penn. These files also have been retained by the Department of Planning.

The ultimate goal of this effort is to establish, either as a part of the University of Pennsylvania Archives, or as a separate collection within the Planning Office, a referenced archive that relates to the history of planning and development of buildings and grounds at the University of Pennsylvania, intended to assist the future planning effort at Penn.

Duane A. Schrempp
June 30, 1991

¹These plans are now found in the University Archives and Records Center collection UPJ 9.4

BIBLIOGRAPHY

A. University of Pennsylvania Campus Planning and Development

A1. *The Educational Survey of the University of Pennsylvania*. Joseph H. Willets et. al. 1959, Volume I–IV.

Many of the conditions (of inadequacy) cited in program proposals of the 1960's and 1970's cite the *Educational Survey of 1959* for documentation of the situation. This study, which began in the early 1950's and consisted of written reports recording the conclusions and recommendations for each school within the University, provided the framework, together with the 1948 plan, that established the criteria for the dedicated planning program of 1959.

A2. *The University of Pennsylvania Story: How an Institution Determines its Development Aims and Needs—In Terms of Urban Renewal as a Tool for Implementation*. Harold Taubin. Notes for remarks given at ACE/WPC Conference on Institutional Development, Sheraton Hotel, Philadelphia, Pennsylvania 1963.

Outlines the physical plant development history at the University of Pennsylvania. Describes transition of campus from early moves and relocation to West Philadelphia, consideration in the 1940's of move to Valley Forge site, and 1950's and 1960's period of growth and expansion. Points out that the process began in the 1950's with a self-analysis study conducted by the University known as the *Educational Survey* (see Part A, No. 1). Notes also the impact of federal urban renewal program Section 112.

A3. *Campus Planning*. Richard P. Dober. New York: Reinhold, 1963.

Comprehensive statement of the state of the art. Many illustrations and thorough discussion of most of the key issues and techniques of campus planning, with emphasis on architectural form and its relation to educational purpose.²

A4. *The University, the City and Urban Renewal*. Charles G. Dobbins (ed.). Report of a Regional Conference. Washington, D.C.: American Council of Education, 1963.

Report of a 1963 regional conference sponsored by the American Council on Education and the West Philadelphia Corporation. The purpose was to "...acquaint the college and university administrator with the opportunities and problems in urban renewal..." and the "...relationship between universities and cities." Contributing authors, see: Taubin, Molinaro.

Author Index, p. 24.

²An annotated Bibliography on University Planning and Development. 1968. p. 22. (See Other Bibliographies, p.23)

BIBLIOGRAPHY: University Planning Reports (cont.)

A5. “The University Environment.” Harold Taubin. *The University, the City and Urban Renewal*. Charles G. Dobbins (ed.). Report of a Regional Conference. Washington, D.C.: American Council of Education, 1963.

Paper describes the University of Pennsylvania’s development history. Outlines the local and federal tools that allowed accelerated development of the campus:

- * Philadelphia Planning Commission studies which (in early 1950’s) target the West Philadelphia area for urban renewal;
- * legislation establishing eminent domain for redevelopment authority;
- * state assistance (GSA);
- * U of P development plan, as approved by the trustees, made possible street closing by City Council & Philadelphia City Planning Commission;
- * Section 112, 1959 amendment to Title 1 of the Housing Act.

A6. “The Union of University and Community Resources to Serve Philadelphia.” Leo Molinaro. *The University, the City and Urban Renewal*. Charles G. Dobbins (ed.). Report of a Regional Conference. Washington, D.C.: American Council of Education, 1963.

Describes the origin and purpose of the West Philadelphia Corporation.

A7. “The University and Urban Renewal.” Barbara E. Field (ed.). Appendix to *The University, the City and Urban Renewal*. Charles G. Dobbins (ed.). Report of a Regional Conference. Washington, D.C.: American Council of Education, 1963.

Describes urban renewal programs as related to educational institutions. Includes explanation of Section 112, 1959 amendment to Title 1 of the Housing Act. Also covered is the use of leaseholds as a relatively new financial mechanism.

A8. *Trends and Targets. A Study of the Financing of the University of Pennsylvania, and Recommendations for Future Action*. Richard D. Stirne. Philadelphia: University of Pennsylvania, 1968.

Report cites study done in 1967 of ten leading private universities, including the University of Pennsylvania, which exposed that “from 1961–62 to about January 1, 1967, the ten institutions as a group operated in the black, but with a constantly decreasing margin. About January 1, 1967, the group crossed over into a deficit operation, with the deficit constantly increasing to the end of the study period.” The study appraises existing financial programs, and discusses trends in fiscal management and their application at the University of Pennsylvania.

A9. “Developing an Urban Campus.” Harold Taubin. *Society for College and University Planning*, vol. 2, no. 1 (July 1968): 9–11.

Article focuses on four factors of the 1950’s – 1970’s expansion period at the University of Pennsylvania: zoning, building space expansion, property acquisition through associate programs, and financial packaging.

Author describes zoning pattern based on the city’s 1933 zoning law, which became a major obstacle for the University’s expansion under the leadership of the University Planning Office and several neighboring institutions. The city drafted the provisions for the Institutional Development District (IDD), which “...encloses within its boundary all of the building sites required for campus development in the current University Plan,

BIBLIOGRAPHY: University Planning Reports (cont.)

whether or not such sites were owned by the University at the time the ordinance establishing the district was enacted....” The author reports that currently (July 1968) a total of 30 projects are under construction, design, or recently occupied, together having an estimated construction cost of nearly \$130 million.

Author notes that the 1950’s capital program initially projected \$40 million in expenditures. Since then the University has spent over \$200 million and has more than doubled its gross building area in less than 20 years.

A10. “An Environment for Learning.” Gaylord P. Harnwell. *Proceedings of the American Philosophical Society*, vol. 115, no. 3 (June 1971): 170–186. [C/C Library]

Describes the history of the founding of the University of Pennsylvania and its environs, and the impetus behind the development of the West Philadelphia Corporation.

Founded in 1959 as a non-profit corporation, the West Philadelphia Corporation is composed of the University of Pennsylvania, the Drexel Institute of Technology, the Presbyterian Hospital and the Philadelphia College of Pharmacy and Science, and the Philadelphia College of Osteopathy. Designed to promote the social development of Philadelphia, the specific purposes of the organization include: compilation of information on housing conditions, crime, building code violations, schools and recreation; preparation of surveys on land use planning; dissemination of this information to the community; and recommendations on matters of real estate conservation and rehabilitation. The corporation developed low and moderate income housing, promoted a new science high school to improve educational quality in the city, stimulated the city’s economic base by attracting research and development institutes, and provided physical and mental medical care based on ability to pay.

Before renewal, taxable value of real estate in three renewal areas adjacent to the University of Pennsylvania was \$13 million; it is expected to reach \$60 million after renewal. Thus, institutional redevelopment has become an important anchor in the Philadelphia economy.

In an attempt to reach out to its neighborhood, Harnwell states that the University of Pennsylvania has inaugurated a sports program for neighborhood youngsters; provided jobs through neighborhood youth corps programs; provided summer tutorial services to high school students; opened swimming facilities for use by neighborhood youth; and stimulated the beginnings of self-help projects.

Community organizations and indigenous leadership in West Philadelphia are portrayed as having been indispensable in helping to create the West Philadelphia Corporation and instrumental in producing neighborhood rehabilitation.

Article resolves that “the University and its many external communities, variously defined, have been in increasingly intimate contact with one another for the past 15 years and neither our communities nor ourselves will ever be the same again.” In spite of the fact that some of the efforts to improve the community generally met with greater success because of these endeavors.³

³*Campus-Community Relationships: An Annotated Bibliography*, vol. 2 (1972): 56-57.

BIBLIOGRAPHY: University Planning Reports (cont.)

A11. “The Good Neighbor Policy in West Philadelphia.” Maurice S. Burrison. Philadelphia, University of Pennsylvania, Office of Planning and Design, 1971. [C/C Library]

Describes some of the events and circumstances that led to the involvement of the University of Pennsylvania in the renewal of West Philadelphia. Mentions, in particular, the development and activities of the West Philadelphia Corporation. Concludes that if there is a lesson to be learned from this experience, it is that “peaceful coexistence between town and gown can only be earned by understanding, an investment of resources, and genuine hard work.”⁴

A12. “The Valley Forge Project of the University of Pennsylvania.” Bob Goshorn. *Tredyffrin Easttown History Club Quarterly*, vol. 24, no. 1 (January 1986): 17–34.

An historical account which describes the proposal made, by alumnus Henry N. Woolman in 1926, to the University of Pennsylvania to develop a new campus on a tract of land he would donate near Valley Forge. The proposal became the topic of serious consideration over the next 33 years based on the impact the developing city was having on the campus and its West Philadelphia environs.

A13. *Topic Outline and Chronological Listing of Building, Open Space, and Art Work—Draft*. Duane Schrempp. Prepared for the University of Pennsylvania Campus and Facilities Planning History Project, 1984.

Chronology of completion dates for the buildings and the artwork on the West Philadelphia Campus.

A14. “A Guide to the University of Pennsylvania Campus—Draft/Mock-up.” Duane Schrempp. Prepared for the University of Pennsylvania Campus and Facilities Planning History Project, 1984.

Mock-up illustrates how a “Campus Guidebook” could be organized. It is fashioned after well-known city guides such as “Philadelphia Architecture, A Guide to the City.”

⁴*Campus-Community Relationships: An Annotated Bibliography*, vol. 2 (1972): 56-57.

BIBLIOGRAPHY (cont.)

B. University of Pennsylvania Planning Reports

B1. *Report to the Board of Trustees of the University of Pennsylvania upon the Future Development of Buildings and Grounds and the Conservation of Surrounding Territory.* Paul Phillipe Cret, Warren Powers Laird, and Olmsted Brothers. Philadelphia: University of Pennsylvania, June 15, 1913.

The growth of the City of Philadelphia to the west of the Schuylkill River at the turn of the century was having an increasingly negative impact on the development of the campus. Mounting traffic, noise and congestion attributed to the routes from the west and southwest into central Philadelphia became a major obstacle for the University and was a primary focus of the study.

The impetus appears to have been the need for a response to a city proposal to construct an elevated railway on Woodland Avenue similar to the one that existed on Market Street. The study recommends two options. The first is to provide a subway rather than an elevated track through University grounds that could then surface or become elevated at the intersection of Woodland and Baltimore. The second, and preferred, option allows for an elevated “upper drive” along the southern boundary of the campus. Both options point to the need to divert traffic away from the campus, and the need to allow for the present and future growth of the campus. The study emphasizes the concern that growth occurs only in relation to a comprehensive plan, and that strategic parcels of land in relation to this plan be acquired, one such parcel being the tract of land directly opposite College Hall. The report stresses that “... in all developments shown in the maps of this report, namely, the fixed principle of creating new, and preserving old open spaces *enclosed by buildings* and not employed to surround them” (emphasis provided). The principal issues of the report:

- * comprehensive planning;
- * open space *enclosed by buildings*;
- * traffic restructuring.

This report illustrates the early influences that led to the principles from which the present campus evolved.

B2. “Architectural Elements of the New Campus.” Sydney E. Martin. *The General Magazine and Historical Chronicle*, winter 1952: 65–73.

The first plan to fully recognize the possibility and advantage of closing Woodland Avenue entirely. It established much of the superblock relationships upon which the development program of the 1960’s and 1970’s was based. The plan also established Locust Street as the principal pedestrian spine of the campus. This continuous “wooded walk” would form the central axis of the campus from 33rd street to 40th Street. (Interestingly, one prerequisite of this central axis was the demolition of the Furness Building.)

BIBLIOGRAPHY: University Planning Reports (cont.)

B3. *University of Pennsylvania Development Plan: An Element of the Continuing Planning Program.* Report to the President. Philadelphia: University of Pennsylvania, Planning Office, 1961, 1963, and 1966 editions.

The first in a series of development plans produced by the University Planning Office. Its purpose was to "...create and maintain a physical environment that will enable the University to accomplish the aims described in the educational survey."

Report provides an historical perspective on many of the current development goals as the evolution of ideas and objectives from the 1913 Cret Plan, and the 1948 Martin Study, which in 1950 the Philadelphia City Planning Commission incorporated into the certified urban renewal plan for University City.

The plan calls for a unified and pedestrian-oriented campus, grouping those activities that benefit from mutual association.

Also emphasized is the goal of improving the identity of the University in the community and to "...directly or indirectly endeavor to foster a residential community of faculty, scholars, and students to increase the number of faculty members and their families residing in the vicinity of the University...."

The report concludes with a table listing 59 projects planned for a two-phase period between 1960 and 1975. A nearly 50% increase in enrollment was projected by 1975, to 26,000 students.

B4. *Integrated Development Plan.* Philadelphia: University of Pennsylvania, 1962 and 1964 editions.

Plan is based on results from the Educational Survey of 1959 (see Part A, no. 1) conducted by the University in the five-year period preceding 1960, and "...subsequent deliberations of trustees, faculty, and administration in joint committee sessions during 1961 and 1962."

States the benefit of the University's urban setting and goals for planned improvements:

"Its buildings, its walks and quadrangles will inevitably reflect the urban character of its setting within the larger University City. Its form will grow out of a series of interior green courts designed for the widest variety of passive and active use which in turn will be connected by continuous pedestrian green ways."

The report combines the findings of the Committee on Educational Planning and the Committee on Physical Plant Growth, followed by tables summarizing current projects under construction and costs, and projects in the planning stages with projected costs.

The 1964 edition of *The Integrated Development Plan* includes sections dealing with University City as a certified Urban Renewal Area, and states objectives of the West Philadelphia Corporation:

1. improvement of residential areas;
2. creation of a major science and research center;
3. improvement of overall economic and social conditions in the University City area.

Contains tables that summarize building projects and their costs from 1962–1963, including projects that have involved funds from the General State Authority. At the time, total University physical plant needs were projected to be nearly \$65 million, with 76% of the funding from state and federal sources. Illustrative maps also included.

BIBLIOGRAPHY: University Planning Reports (cont.)

B5. *A Brief History and Compilation of Trustee Actions Concerned with the Planning and Development of the West Philadelphia Campus.* Harold Taubin. University of Pennsylvania, Department of Facilities Development/Operational Services, 1976.

Report was prepared to assist the board of design consultants with information concerning planning and development of the West Philadelphia campus. Contains list of board members, appointed by President Martin Meyerson in 1975, who were to review the University's physical planning and development process. It was noted at the time of this report that the last recorded trustee review or action concerning physical planning was nearly ten years prior.

The author presents the history of physical plant development at Penn and, based on past experience, argues that "the development of academic research and community service activities, and their supporting environment, have been best accomplished when they have been planned and developed as mutually supporting functions." The 1913 Cret Report (see Part B, No. 1) is cited as the beginning of physical plant planning and implementation process for the West Philadelphia campus. Compiled trustee actions include:

- *1868 – removal of the University from its present site;
- *1913 – proposed resolutions in connection with the development of buildings and grounds (Cret Report);
- *1948 – Sydney E. Martin Report;
- *1948 – report of Architects Committee to the president of the University for the physical development of the University of Pennsylvania.

Discusses overall planning recommendations. Interestingly, one of the principal recommendations was the removal of the library building (Furness) to allow Locust Street, as a wooded walk closed to vehicular traffic, to become the backbone of the proposed plan.

BIBLIOGRAPHY (cont.)

C. Consultant or Associated Studies

C1. *Philadelphia Housing Quality Survey: University Area Report*. Philadelphia City Planning Commission. Philadelphia, Pennsylvania: The Authors, 1949.

Report presents the finding of a housing quality study conducted for the University Area during 1947 and 1948. "...The primary function of this study was to investigate further the degree of blight in terms of housing quality to identify specifically those factors which contribute most to the low quality of housing within this area, and to show where these are most prevalent."

Report organizes the district into four sub-areas of study. Illustrates that sub-area one (roughly between Market and Chestnut from 42nd Street to the Schuylkill River) at the time had more substandard dwelling units than the others. It is noted that revival of the area was expected soon after the planned removal of the Market Street elevated to 42nd Street.

Recommendations based on findings for sub-area one indicate large-scale demolition and rebuilding necessary to reclaim the area.

Subsequent studies for the University Redevelopment Area were based in part on the findings of this survey.

C2. *University Redevelopment Area Plan*. Philadelphia City Planning Commission. Philadelphia, Pennsylvania: The Authors, 1950.

The letter of transmittal of the Redevelopment Area Plan to Earle N. Barber, chairman of the Philadelphia Redevelopment Authority, from Edward Hopkinson Jr. states that "the University Area was certified on January 9, 1948, as Redevelopment Area No. 4 (University). The University Area includes the University of Pennsylvania and the Drexel Institute of Technology, and has been selected, as a logical unit for planning purposes."

This early plan for the University area establishes many of the primary design guidelines that were re-emphasized in subsequent plans, including:

- * widening of 30th Street to facilitate traffic distribution from 37th & 39th Street closures; closure of Woodland Avenue from 38th Street to Market Street;
- * improvement of Market Street, elevated structure to be removed with completion of subway;
- * closure of 34th Street from Walnut to Spruce Streets, contingent upon a planned extension of 32nd Street, 33rd Street, and completion of the Schuylkill Expressway from Market Street to South Street. This recommendation, which does not appear in subsequent reports, would have united the main campus into essentially two superblocks, bounded by Walnut, Spruce, 38th and 33rd Streets.

BIBLIOGRAPHY: Consultant or Associated Studies (cont.)

C3. *The West Philadelphia District Plan.* Philadelphia City Planning Commission. Philadelphia, Pennsylvania: The Authors, 1964.

Report presents the long-range planning issues for West Philadelphia. Primary points include:

Redesign of Market Street:

- * create subway to eliminate elevated track;
- * widen street as spacious boulevard;
- * locate high density “activity centers” in increasing pattern with respect to Center City, and placement of high-rise buildings at significant points to serve as “gateways” to the district.

Street and Arterial Improvement:

- * provides for hierarchy of selectively placed expressway (proposal for 52nd Street expressway) and arterial streets (map illustrates street proposals showing the 52nd Street expressway and arterial streets at 30th, 38th and 48th streets). Plan also calls for the closing of non-vital streets in overbuilt residential areas to allow for “greenways.”

C4. *The Development of On-Campus Commercial Facilities for the University of Pennsylvania.* Hammer and Company Associates. Washington, D.C.: The Authors, 1963.

Report of a study of retail sales and service facilities in the University area. The purpose was to study the effects of University expansion to the north and west. Recognizing that such expansion would displace a large number of merchants in the University area, the report examines the issue of service requirements of University students, faculty and staff. A proposal for two shopping complexes is recommended: Walnut Street between 36th and 37th Streets, and Spruce Street between 37th and 38th Streets. A new 22,000 square-foot University store is recommended for the Walnut Street complex, in which the present Houston Hall store could be relocated and expanded.

Existing on-campus commercial facilities are listed by type, square footage and volume. The report finds that of the total volume sales of \$8,316,100, privately owned stores accounted for 72.1% of sales, while University owned stores accounted for 27.9%. It is noted that of the 93 existing merchants displaced by the University’s expansion program, at least 56 would have to find new locations off campus after redevelopment. The study makes a number of recommendations to the University, in collaboration with the West Philadelphia Corporation, for assisting in relocation.

The author recommends that the University develop a staff to expedite the processing of Small Business Administration loans, possibly in conjunction with the West Philadelphia Corporation.

C5. *Redevelopment Potentials and University Interests—University City Unit No. 3.* Hammer and Company Associates. Washington, D.C.: The Authors, 1963.

Unit No. 3 was the first of three urban renewal zones, surrounding the campus to the north and the west, which were scheduled for redevelopment. This study was prepared to evaluate the proposed redevelopment plans with respect to the University’s concerns. Principal component of the plan is the development of a science conference center consisting of a hotel, a conference center, and an office building. Also proposed are a research and development center, and apartment building development and rehabilitation.

BIBLIOGRAPHY: Consultant or Associated Studies (cont.)

The intent of the plan is to examine these proposals with respect to University interests. Reference is made to a 1975 future development plan for the University. The authors summarize the following University interests with respect to Unit 3 development:

1. to ensure a neighboring environment in consonance with the institutional character of the University;
2. to stimulate development that will complement the educational and research functions of the University;
3. to secure land for the University's prospective expansion in the long-range (beyond the 1975 Development Plan) future;
4. to invest in such land and improvements as would provide an appropriate return on the University's equity;
5. to demonstrate continued interest in the economic and social welfare of the Philadelphia metropolitan area.

Recognizing that the development to take place in Unit 3 and subsequent parcels would have long-term impact on the campus, the authors recommend a planning period up to 1985 or 1990. The proposed science conference center illustrated in the report shows the conference center, bridging across Market Street near the intersection of 38th Street with a hotel complex to the north of Market Street, and a connecting office building to the south. The authors note that the hotel complex would better serve University interests if it were located south of Market Street and thus closer to the campus. This would provide a functional link with a future graduate center. Also recommended is that the University acquire several sites in conservation zones for lease back and future development potential. These include the Tracy Hotel, the Normandie Hotel (Sheraton Site) and The Widow's Home (Ralston House).

C6. *Family Needs in "University City" Planning*. A Study of Factors Affecting the Selection of Neighborhoods by Faculty, and Staff of the University of Pennsylvania. Philadelphia: University of Pennsylvania Community Relations Advisory Committee, and the West Area Office of the Philadelphia District, Health and Welfare Council, Inc., 1963.

C7. *Report No. 2 on the Tri-Institutional Facilities Program For The Philadelphia General Hospital, The Children's Hospital of Philadelphia, The University of Pennsylvania*. Harbeson, Hough, Livingston, and Larson, et. al. Philadelphia: The Authors, 1963, 1964 revision, 1964 report No. 3.

Responding to a "memorandum of understanding" between the three institutions in January 1962, which called for joint participation in the construction of shared facilities, the architects enumerated six areas of joint needs and requirements:

1. doctors, interns, and graduate nurses housing;
2. student nurses housing;
3. nurses education;
4. laundry;
5. parking;
6. certain research activities (to be constructed by the University).

The report lists conclusions in the form of tables regarding land use, approximate size and location, and cost of the programmed facilities. The percent of the total costs for each institution is based on the square footage programmed to be used by each

BIBLIOGRAPHY: Consultant or Associated Studies (cont.)

institution.

BIBLIOGRAPHY: Consultant or Associated Studies (cont.)

C8. *Development Programming as Applied to West Philadelphia. Technical Report No. 8. A Companion to the District Plan for West Philadelphia.* Prepared by the City of Philadelphia Community Renewal Program. Philadelphia: The Authors, 1964.

Prepared as companion document to *The West Philadelphia District Plan*. This report breaks the West Philadelphia district down into five sub-district study areas. Map illustrates the districts formed by the proposed 52nd Street expressway and the intersection with Market Street, forming the North Market, South Market, North West, and Cobbs Creek districts. The fifth district is the Wynnfield district bordering City Line Avenue.

Report discusses objectives of each sub-district and applicable public and private programs instrumental in meeting long-term objectives. Table at the end of each sub-district discussion outlines commitments, and plan proposals (with schedule and probable costs), and lists related city programs. Appendix lists summaries of selected city programs.

C9. *University City Core Plan.* Philadelphia City Planning Commission. Philadelphia, Pennsylvania: The Authors, 1966.

Primary objectives of the plan, as stated:

1. To provide for the expansion of:
 - * The University of Pennsylvania
 - * The Drexel Institute to Technology
2. To provide for the creation of:
 - * University City Science Center
 - * The Presbyterian-University of the Pennsylvania Medical Center
 - * The University City High School
3. To improve automobile circulation:
 - * redesign of Market Street
 - * widening of 38th Street
 - * extension of 32nd Street
4. To improve pedestrian circulation by closing local streets within the major institutional complexes and by converting them to walkways.
5. To eliminate substandard structures.

Illustrative map, showing proposed zoning pattern and institutional district boundaries, indicates area along Market Street planned for development of the University City Science Center.

C10. *Open Space and Beautification Program, University City, Philadelphia, Pennsylvania.* Adelman, Collins, and DuTot, in association with University City Open Space Planning Committees. Philadelphia, Pennsylvania: West Philadelphia Corporation, 1968.

This report, prepared by the West Philadelphia Corporation in association with the landscape architects and open space planning neighborhood committees, describes proposals made for two study areas within University City. They are Powelton Village; and a western district, bounded by Market Street, 52nd Street, Pennsylvania Railroad, and

BIBLIOGRAPHY: Consultant or Associated Studies (cont.)

40th Street, comprising four neighborhoods.

Specific proposals covered include greenways, walkways, parks, and street improvements. The “greenway” concept calls for street modifications ranging from planting trees and widening sidewalks near intersections to physically closing certain streets for development into mini-parks.

BIBLIOGRAPHY (cont.)

D. University Planning Office: Project Program Reports

D1. *Project Program: Social Sciences Center. The University of Pennsylvania for the General State Authority, the Commonwealth of Pennsylvania.* Philadelphia: University of Pennsylvania, Planning Office, 1960.

Introduction to the program describes the background of the project from 1957, when a faculty committee was appointed by President Harnwell to study how the facilities for the social science programs could be integrated. Program suggests a two-stage development of the site bounded by Walnut, Locust, 37th and 38th Streets. The site development plan illustrates stage I of the project proposed for the eastern half of the block, with stage II occupying the western half.

D2. *Project Program: Additions and Reconstruction for the School of Veterinary Medicine: the University of Pennsylvania for the General State Authority, the Commonwealth of Pennsylvania.* Philadelphia: University of Pennsylvania, Planning Office, 1960.

Program specifies 57,000 gross square feet of new construction with renovation to 29,500 square feet in the existing building.

D3. *Project Program: Laboratory for Research on the Structure of Matter. The University of Pennsylvania.* Philadelphia: University of Pennsylvania, Planning Office, 1961.

Financing for the project was from University of Pennsylvania funds. Of the total area, 65,000 square feet, with associated costs not to exceed \$2.4 million, were eligible for Department of Defense (ARPA) funding for those areas devoted to ARPA-supported research.

D4. *University of Pennsylvania Proposed Off-Street Parking Plan: An Element of the University of Pennsylvania Development Plan; A Report to the President.* Philadelphia: University of Pennsylvania, Planning Office, 1961.

Report focuses on the following issues:

1. transportation serving the University area;
2. survey of existing parking;
3. current and future parking needs;
4. special-event/visitor parking;
5. proposed University parking system.

The report assesses the current and future of street parking space requirements to be:

1960–1961–	2,400
1965	– 3,000
1970	– 3,300

The five-year and ten-year intervals coincide with planning periods for physical plant expansion and projected enrollment increases.

Based on projected floor area/parking space ratios for overlapping time periods of 1960–70, representing stage 1, and 1965–75, representing stage II, the proposed parking system would consist of central terminals and local facilities. Central terminals are typically large lots serving several major functional areas. The plan recommends two parking structures for stage I development: the University's first parking structure,

BIBLIOGRAPHY: University Planning Office Project Program Reports (cont.)

planned for a site along Walnut Street between 32nd and 33rd Streets; and a second on the east side of University Avenue, south of Woodland Avenue. The report states that in stage II, as building development becomes necessary in the central campus district, small localized lots will be utilized, with a provision for parking for the building. The remaining parking requirements were to be met by construction of additional parking structures.

The report also suggests that the adoption and implementation of specific parking policies such as "...controlling the ownership and use of automobiles in the University area by particular University population groups" is required, in addition to physical planning, to meet projected needs for parking.

D5. *University of Pennsylvania Proposed Off-Street Parking Plan: Appendices A–D.* Philadelphia: University of Pennsylvania, Planning Office, 1961.

Following the organization of the principal document, the Appendices begin with an explanation of methods used to derive data on parking use and requirements. Appendix B focuses on general physical standards and planning considerations and relates the parking objectives to the University's development plan. Appendix C discusses recommended University policies and programs needed to implement the parking plan. The last appendix deals with estimated costs.

In Appendix B, citing an earlier study, *Resolution on Parking* prepared by the subcommittee of the President's Committee On Planning in February 1959, the authors concur with the recommendation that "parking terminals be created at peripheral points of the campus to permit a more intensive and compact development of the available surface land for academic and housing programs and also to keep out of the central areas as much vehicular traffic as possible."

While acknowledging the economic disadvantages of constructing parking structures compared with costs for surface lots, it is noted that the City Planning Commission and Redevelopment Authority will not permit land to be acquired for the single purpose of off-street parking, and that the University can achieve the most benefit of its limited land resources by concentrating its parking requirements in structures on the periphery of the campus.

D6. *Project Program: New Physical Sciences Facilities for the University of Pennsylvania.* Philadelphia: University Of Pennsylvania, Planning Office, 1962.

Program prepared by Walter Weissman, University Architect of the University Planning Office. The site for the building, shown on the south side of Walnut Street between 32nd and 33rd Streets, at the time was occupied by Decatur Hall, which was to be demolished. The report notes that consideration be given to a linkage, in the form of an underpass or overpass, to the north side of Walnut Street to connect the proposed physical science facility to the research center across the street.

BIBLIOGRAPHY: University Planning Office Project Program Reports (cont.)

D7. *Project Program: Administration and General Service Building for the University of Pennsylvania.* Philadelphia: University of Pennsylvania, Planning Office, 1962.

Prepared by Ruth Harris, Planning Analyst of the University Planning Office. Project description for proposed seven-floor administration office building of 61,000 square feet. Includes plan of existing site and proposed development.

D8. *Project Program: Recreational Gymnasium for the University of Pennsylvania, the General State Authority, the Commonwealth of Pennsylvania.* Philadelphia: University of Pennsylvania, Planning Office, 1962.

Although the initial intent was to keep intercollegiate events to the eastern zone of the campus near the Palestra and stadium, the new pool was to meet the requirements of intercollegiate competitions, due to the cost of upgrading Hutchinson pool for intercollegiate events. Provision of grandstand seating for 1,000 was to be made. The site for the development was along Walnut Street between 37th and 38th Streets. In addition to the pool and recreational gymnasium called for on the eastern portion of the site, the program and schematic site plan indicate a second phase of development for a skating rink and parking structure. The parking structure was to be partially submerged below grade to form a podium for the rink above.

D9. *Project Program: The Daniel W. Dietrich Library for the University of Pennsylvania.* Philadelphia: University of Pennsylvania, Planning Office, 1962.

Prepared by Walter Weissman, University Architect in the University Planning Office. The second unit of the two-phase library development, which was to house several smaller outside collections such as the Lippincott Library (Wharton School) and the Penniman Library (Graduate School of Education). The second unit was to complete the core library facility for the University so that the second and first phases would become essentially one building.

D10. *Project Program: Addition to Medical School Teaching Facilities (Phase I) for the University of Pennsylvania.* Philadelphia: University of Pennsylvania, Planning Office, 1962.

Schematic site plan prepared by Harbeson Hough Livingston and Larson Architects, and revised by the University Planning Office, December 1962.

D11. *The House for Undergraduate Women and the Project Program for Two New Houses on the Women's Residence Block.* Philadelphia: University Pennsylvania, Planning Office, 1963.

Program preparation supervised by Ruth B. Harris, Architect-Planner in the University Planning Office. Two buildings are proposed to complete the Women's residential block bounded by Walnut, Chestnut, 33rd and 34th Streets. The sketch site plan illustrates the site adjacent to the recently completed women's residence hall (Hill Hall).

D12. *House "A" Undergraduate Dormitories for Men. University of Pennsylvania: Specifications and Program Data.* Kneedler, Miricle, and Zantzinger, Architects. Philadelphia, Pennsylvania: The Authors, 1963.

Outline specification of materials and equipment.

BIBLIOGRAPHY: University Planning Office Project Program Reports (cont.)

D13. *Transportation To and From Campus: A Report to the President and the Executive Planning Committee on the Physical Plant*. Philadelphia: University of Pennsylvania, Planning Office, 1964.

Based on a transportation survey initiated during preparation of the 1961 *Proposed Off-Street Parking Plan*, this study reiterates the increasing use of the automobile in transportation to the campus and the concurrent parking requirements. The report recommends that the following steps be taken in order to contain the trend of increasing automobile use:

- * an accelerated program for student and faculty housing in the University area;
- * continued measures by the University to register vehicles and control use;
- * support of the city's effort to strengthen mass transit;
- * support of the collaboration between the University and the private sector in the construction of joint-use facilities.

This report also utilizes the survey data to forecast parking needs more accurately than the 1961 plan.

The plan recommends the first of the University's major parking facilities for the northwest corner of 32nd and Walnut Streets to be constructed in two stages (originally planned as a seven-level structure). A two-level, 400- unit structure is proposed for the northwestern portion of the campus parking lot along Walnut between 37th and 38th Streets, to provide the platform for the physical education facilities to be built on the same block. The third parking structure recommended is on a site near the University Museum, with the fourth structure being a five-level unit between the botanical garden and University Avenue. The plan also calls for seven new local parking areas. The report concludes with appendices that illustrate the questionnaires, letters, and surveys used in obtaining information and methods used in determination of parking requirements. Also included is an explanation of terms used, suggested policy considerations, motor vehicle registration and control, and discussion of parking considerations for special-event visitors.

D14. *Project Program: Center for Economics, Regional Science, and Sociology for the University of Pennsylvania*. Philadelphia: University of Pennsylvania, Planning Office, 1964.

Schematic site plan of what was intended as the first of an interconnected series of buildings to be constructed on the block bounded by Spruce, Locust, 37th and 38th Streets. The remaining phases were reserved for development of facilities for the Wharton School.

D15. *Program of Requirements for Research and Teaching Building: School of Dental Medicine, the University of Pennsylvania*. Philadelphia: University of Pennsylvania, Planning Office, 1965.

Schematic site plan.

BIBLIOGRAPHY: University Planning Office Project Program Reports (cont.)

D16. *Program for the Renovations to Bennett Hall for the English Department, University of Pennsylvania*. Philadelphia: University of Pennsylvania, Planning Office, 1965.

Renovation program called for the following improvements:

- * air conditioning;
- * refurbishing of selected areas;
- * installation of one elevator serving all floors;
- * window treatment to minimize street noise;
- * study for adding offices on third-floor level within the present Penniman Library.

D17. *Observations and Projections Regarding Pedestrian Movement at Intersection of 34th and Walnut Streets*. Philadelphia: University of Pennsylvania, Planning Office, 1965.

Report is based on observations of pedestrian movement during peak periods. Findings suggest that “given the present traffic control system, the existing conditions of movement between the College Hall block and the Bennett Hall block are judged to be approaching the upper limit for safe pedestrian movement at street level.” Similar conditions were found to exist on Walnut Street. The study recommends that the University consider, with the City Traffic Department, an underpass or overpass for each of these streets, and explores the advantages and disadvantages of each. The analysis recognizes increased future pedestrian volume with the completion of residences in the women’s house block (see Part D, no. 11). Attachments include data and movement diagrams.

D18. *Project Program: Law School Renovation of Old Building for the University of Pennsylvania*. Philadelphia: University of Pennsylvania, Planning Office, 1965.

Facilities to be provided through renovation of the old building include:

- * library facilities;
- * offices;
- * instruction and study areas;
- * student activity areas;

Includes schematic plans and section of building renovation proposals.

D19. *Development Program for the Humanities, and the Project Program for the New Humanities Building for the University of Pennsylvania*. Philadelphia: University of Pennsylvania, Planning Office, 1965.

Project Program for the Logan Hall renovation and new humanities building to be built on the site of the Hare Building after its removal. Also proposed is a central loading and receiving tunnel system to connect College Hall, Logan Hall, Houston Hall, and the new building to a dock located on the north side of Irvine Auditorium.

D20. *Revision and Amplification of the Program for the Renovations to Bennett Hall for the English Department, the University of Pennsylvania*. Philadelphia: University of Pennsylvania, Planning Office, 1966.

In addition to noting several use and schedule changes from the 1965 program, the revised program noted an attached supplemental standard prepared by the University Planning Office titled “Room Sizes, Furniture, and Related Criteria for Project

BIBLIOGRAPHY: University Planning Office Project Program Reports (cont.)

Programming.” It recommended that standards for new construction apply to renovation as well. (See Appendix II, No. D7).

D21. *A Profile and Housing Goal Based Upon the Graduate and Professional Student Personal Data Survey, 1965–1966*. A Report to the Executive Planning Committee on the Physical Plant. Philadelphia: University of Pennsylvania, Planning Office, 1966.

Report consists of data gathered from a survey of graduate and professional students conducted as part of the fall 1965 registration. The figures for fall 1965 and the enrollment projections are used to forecast suggested housing goals (i.e., percentage of housing to be provided to a given percent of graduate and professional student body) by 1970, 1975, and 1980. The report makes recommendations for future construction, occupancy, accommodations for married students, off-street parking issues, and describes how goals are to be accomplished.

BIBLIOGRAPHY (cont.)

E. Memoranda, Notes, and Minutes

E1. *Notes on the Physical Plan for the Trustees Meeting.* G. Holmes Perkins, Dean. Annual Report to Mr. John C. Hetherston, Secretary. University of Pennsylvania, Philadelphia, 1959.

Outlines the basis for University Physical planning goals. Author suggests collaboration with other West Philadelphia institutions, and notes other necessary programs for redevelopment.

Report outlines building activity for the academic year 1958–59, including buildings completed since July 1, 1958; projects started since July 1, 1958; current street and highway projects; and projects in architectural planning stage, with explanation.

E2. *Meeting Minutes of the Advisory Sub-committee on Planning.* Walter Weissman, Secretary. University of Pennsylvania, Philadelphia, 1960–61.

Contents outlined as follows:

- September 26, 1960: Proposed amendment to zoning ordinance
General state authority programs
- October 3, 1960: Open space design objectives
Proposal to appoint Louis I. Kahn as consultant to the University Planning Office
Street changes
- February 9, 1961: Philadelphia Redevelopment Authority's Proposed Area 1 and Area 2
School of Fine Arts. Discussion of future use of Furness Building
- April 4, 1961: College Hall Quad landscape design
University Planning and Construction Program
- May 29, 1961: Walnut and 34th Street overpasses
Parking
- June 26, 1961: University Planning Program
Women's residence halls block
Director, University Planning Office, statement of responsibility and role of advisory committee members

E3. *Annotated Index to Meeting Minutes of the Executive Planning Committee on the Physical Plant.* Compiled by Virginia Sherfel, Office of the Vice President for Coordinated Planning. University of Pennsylvania, Philadelphia, 1966.

Index of files of the Executive Planning Committee on the Physical Plant, January 1962 to June 1966.

E4. *The University has set out to raise \$93,000,000 for new buildings, professorships, and* Press release. News Bureau. University of Pennsylvania, Philadelphia, 1964.

Describes the capital campaign, with listing of program activities and breakdown of funding amounts applied to each program.

Includes copy of article "Penn Envisions 250-Acre Campus in Drive for \$93 Million," in the November 29, 1964, issue of *The Sunday Bulletin*. Article includes aerial rendering

BIBLIOGRAPHY: Memoranda, Notes, and Minutes (cont.)

of proposed campus with illustrative diagram.

E5. *A Selected List of University Publications, Papers, and Related Materials*. Background Paper Prepared for the Information of “Ties with the City” Working Group. Harold Taubin, Department of Facilities Development. University of Pennsylvania, Philadelphia, 1982.

Paper describes several important historical University planning documents which relate to the development of the West Philadelphia campus. Beginning with the 1913 Cret Plan, the 1948 Martin Study, and the Educational Survey of 1959, emphasis is placed on the years since 1960. The author follows with an outline of contents for each document, and a number of other references related to planning at the University of Pennsylvania.

Also includes discussion of community, neighborhoods, and the West Philadelphia Corporation.

E6. *Chapter 14—1100, Institutional Development District (IDD), Philadelphia (Zoning) Code, City of Philadelphia*. Harold Taubin. Memorandum to Titus D. Hewryk. 1986.

Outlines boundaries of Institutional Development District (with illustrative map), and describes planning advantages utilized since enactment of the district in 1965.

OTHER BIBLIOGRAPHIES

An Annotated Bibliography on University Planning and Development. Kermit C. Parson, and Jon T. Lang. New York: Society for College and University Planning, Columbia University, 1968.

Campus-Community Relationship: An Annotated Bibliography. Ira Stephen Fink and Joan Cooke. New York: Society for College and University Planning, Columbia University, 1971.

Campus-Community Relationships: An Annotated Bibliography. Ira Stephen Fink and Joan Cooke. Volume 2. New York: Society for College and University Planning, Columbia University, 1972.

AUTHOR INDEX

Individual Authors

Burrinson, Maurice S.	A11
Cret, Paul P., et al.	B1
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Harnwell, Gaylord P.	A10
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Molinaro, Leo	A6
Stirne, Richard D.	A8
Taubin, Harold	A5, A9, B5
Willets, Joseph H.	A1

Institutional/Corporate Authors

University of Pennsylvania Planning Office	B3, D1–D20
University of Pennsylvania	B4
Philadelphia City Planning Commission	C1, C2, C9
City of Philadelphia Community Renewal Program	C8
Hammer and Company Associates	C4, C5
Adelman, Collins, and DuTot	C10
Harbeson, Hough, Livingston, and Larson	C7
Kneedler, Miricle, and Zantzinger, Architects	D12

APPENDIX I

Drawing Archive Index: 1959–1966 Campus Development Plans⁵

TITLE	CODE	FORMAT	DATE	SCALE	TYPE	AUTHOR
Graphic Diag. of University Directors	CD601	org chart	1960	none	bl	Taubin/ Burrison
Proposed Sites for 1% Fine Arts Program	CD602	campus map	1960	100'	bl	UPO
Key Points of Concern: Landscape Design	CD603	campus photo	1962	100'	bl	UPO
Existing Street Furniture Elements: Diagram	CD604	campus map	1962	100'	bl	UPO
Location of present "Magnets": Noon Hour	CD605	campus map	1962	100'	bl	UPO
Campus Development Plan	CD606	campus map	1962	100'	mylar	UPO
Greenways System	CD607	campus map	1962	100'	bl	UPO
Preliminary Landscape & Development Plan	CD608	campus map	1962	100'	bl	UPO
Contour Map of Campus Area	CD609	campus map	none	none	sepia	
West End of Campus 34–40/Spruce–Chestnut	CD610	campus map	1960	8x10	neg	UPO
University Development & Private Development	CD611	campus map	1960	none	mylar	UPO
Houston Hall & Logan Arcade: View West	CD612	perspective	1960	none	vellum	UPO
Super Block	CD613	campus map	1960	none	neg	UPO
34th–40th/Chestnut–Spruce	CD614	campus map	1960	20'	neg	UPO
Psychology Bldg: 34–38/Walnut–Chestnut	CD615	campus map	1960	none	neg	UPO
Campus Boundary/Proposed Zoning	CD616	campus map	1963	200'	vellum	UPO
Campus Boundary/Existing Zoning	CD617	campus map	1963	200'	vellum	UPO
Campus: Proposed Land Use	CD618	campus map	1962	200'	vellum	UPO
Faculty House: 34th & Walnut – Scheme C–D	CD619	perspective	1978	none	bl	L. Sauer Assoc. Architects
Campus Development Plan 1965–1975	CD620	campus map	none	200'	bl	UPO

⁵These plans are now found in the University Archives and Records Center collection UPJ 9.4

BIBLIOGRAPHY: Memoranda, Notes, and Minutes (cont.)

TITLE	CODE	FORMAT	DATE	SCALE	TYPE	AUTHOR
Proposed Traffic Plan & Transportation Plan	CD621	campus map	1960	none	stat	UPO
Campus Magnets of Attraction	CD622	campus map	1962	100'	bl	UPO
Proposed Functional Areas	CD623	campus map	1963	200'	vellum	UPO
Existing Functional Areas	CD624	campus map	1963	200'	vellum	UPO
Functional Areas: Off Street Parking	CD625	campus map	none	200'	stat	UPO
CDP Stage I: Func. Areas-Off Street Parking	CD626	campus map	none 200'	stat	UPO	
CDP Stage II: Off Street Parking Plan	CD627	campus map	none	200'	stat	UPO
CDP Stage II: Off Street Parking Plan	CD628	campus map	none	200'	stat	UPO
CDP Stage II: Traffic-Land Coverage-Acquisition-Flood	CD629	campus map	none	none	stat	UPO
Community Facilities Plan: West Phila Corp Area	CD630	campus map	none	none	vellum	UPO
Elements in Develop of University Area	CD631	campus map	none	none	stat	UPO
Conservation Block: Re-enforcing Neighborhood	CD632	perspective	none	none	stat	UPO
Rehabilitation Block: Renovation & New Construction	CD633	perspec/plan	none	none	stat	UPO
University in Metropolitan Phila/Site	CD634	map	none	none	stat	UPO
Development Plan: College of Pharmacy and Science	CD635	map	none	150'	vellum	Todd & Grant: Planning Consult.
Existing Commercial Land Use	CD636	site plan	1962	200'	vellum	UPO
Interior Traffic Plan: West Phila.	CD637	site plan	none	none	vellum	UPO
Development Plan: Drexel Institute of Technology	CD638	plan	none	none	vellum	Drexel
Powelton Village: 220' Financing Area	CD639	perspective	none	none	vellum	UPO
Existing Land Use of University City	CD640	plan	none	none	vellum	UPO

BIBLIOGRAPHY: Memoranda, Notes, and Minutes (cont.)

TITLE	CODE	FORMAT	DATE	SCALE	TYPE	AUTHOR
Dwelling Units:3 Examples of Rehabilitation Plans	CD641	plan	none	none	vellum	UPO
Development of Presbyterian Hospital	CD642	perspective	none	none	vellum	UPO
Development of College of Pharmacy & Science	CD643	plan	none	none	vellum	UPO
University Development Plan	CD644	campus map	1958	200'	vellum	Physical Plant
University City Research Center for Life Sciences	CD645	plan	none	none	vellum	UPO
Devel Plan for Phila. College of Osteopathy	CD646	plan	none	none	vellum	UPO
Relationship: Campus to City & Time Scheme	CD647	plan	none	none	trace	UPO
University Area Transportation Facilities	CD648	plan	none	300'	bl	UPO
U-City Urban Renewal Area Unit 4	CD649	plan	1965	none	bl	Walker & Murray
College Hall Quadrangle: 34th & Walnut	CD650	plan	none	none	mylar	UPO
Walnut Plaza Study	CD651	plan	none	none	vellum	UPO
Traffic Problems in U of P Campus	CD652	plan	none	none	bl	UPO
Existing, Proposed, Potential Bldg Sites as Focal	CD653	plan	none	none	bl	UPO
Urban Renewal Plan: Area 4	CD654	plan	1966	100'	sepia	UPO
Campus "Blocks" & Areas w/ Sq FT	CD655	campus map	1963	200'	mylar	UPO
Proposed Institutional Development District	CD656	campus map	1963	200'	mylar	UPO
Development Plan: General Building Location	CD657	campus map	1963	200'	mylar	UPO
Development Plan: U of P Campus	CD658	campus map	1961	200'	mylar	UPO
Locust Walk Sequence of Movement & Photos	CD659	campus map	1962	100'	bl	UPO
Patterns of Movement Between Magnets	CD660	campus map	1962	100'	bl	UPO
University Redevelopment Area; Project A Unit 2	CD661	map	1965	noted	vellum	UPO

BIBLIOGRAPHY: Memoranda, Notes, and Minutes (cont.)

TITLE	CODE	FORMAT	DATE	SCALE	TYPE	AUTHOR
Urban Renewal Area 4	CD662	map	1968	100'	sepia	UPO
Urban Renewal Area Boundary	CD663	map	1969	800'	bl	UPO
Urban Renewal Area 4	CD664	map	1968	none	vellum	UPO
Psychology Buildings: 40th & Locust Site	CD665	plan	none	100'	mylar	UPO
Dry Lab Hoffman/Harvard Geology Addition	CD666	plan	1962	none	bl	UPO
Properties within RDA to be Acquired, Removed, Rehabilitated	CD667	plan	1964	20'	mylar	UPO
Landscape Design: View from Southwest	CD668	perspective	1962	100'	bl	UPO
Campus Walkways: Landscape	CD669	plan	1962	100'	bl	UPO
Campus Entry Studies: Walnut, Chestnut, Spruce	CD670	perspective	none	none	bl	UPO
Southeast View Toward Penn & Drexel	CD671	perspective	none	none	vellum	UPO
East View Of Penn	CD672	perspective	none	none	vellum	UPO
University Redevelopment Area: Project A Unit 1A	CD673	map	1965	none	vellum	UPO
Mudd Foundation Proposal	CD674	?	?	?	sepia	?
Special Areas of West Phila/Off Campus	CD675	map	none	none	vellum	UPO
34th & Walnut: Program Study "B":	CD676	campus map	1978	10'	sepia	Louis Sauer Assoc.
Redevelopment Area: Project A Unit 1A	CD677	plan	1961	50'	bl	UPO
Existing & Proposed Land Use: Area 3	CD678	map	1962	400'	vellum	UPO
School of Dental Medicine	CD679	plan/section	1978	1/4"	bl	DFD
Land Ownership	CD680	site plan	1963	200'	linen	UPO
Development Plan: Campus	CD681	campus map	1961	200'	linen	UPO
Land Acquisition Plan	CD682	campus map	1963	200'	vellum	UPO
General Building Location	CD683	campus Map	1963	200'	linen	UPO
Existing Land Use	CD684	campus map	1963	200'	vellum	UPO
Properties to be Cleared or Rehabilitated	CD685	campus map	1963	200'	vellum	UPO

BIBLIOGRAPHY: Memoranda, Notes, and Minutes (cont.)

TITLE	CODE	FORMAT	DATE	SCALE	TYPE	AUTHOR
General Building Location	CD686	campus map	1963	200'	mylar	UPO
Campus Streets: Openings & Closings	CD687	campus map	1979	150'	board	DFD
Elevations & Crossections of Campus	CD688	elev & section	1966	50'	vellum	UPO
Existing Conditions: Off Street Parking Supply	CD689	plan	none	none	stat	UPO
U of P Campus: Aerial	CD690	perspective	none	none	bl	UPO
Campus Walkway Sequences	CD691	plan	none	100'	bl	UPO
Campus Entry Point Study	CD692	plan	none	100'	bl	UPO
High Building Masses: Location & Floors	CD693	campus map	none	100'	bl	UPO
Estimated Flow Intensity: Landscape Design	CD694	campus map	1962	100'	bl	UPO
Athletic Facilities	CD695	campus map	none	300'	vellum	UPO

APPENDIX II
File Index: Campus Planning and Development

CONTENTS

- A. Campus Planning & Development History Project/original rough draft manuscript for monograph series. Campus guide, and building and grounds chronologies.
- B. Reprints/extra copies of original source material.
Miscellaneous project programs.
- C. Housing/urban renewal, general.
- D. University Planning Office, historical/procedural material.
- E. Conversation Series, taped and transcribed interviews with notable University of Pennsylvania people. Recent campus planning material, 1967–1985

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