### FOR COMMENT

# Report of the University of Pennsylvania Campus Center Advisory Committee

January 1990

The following Executive Summary of the Report of the University of Pennsylvania Campus Center Advisory Committee highlights a detailed report submitted by the Committee to the President and the Provost.

The complete report is available for examination at the Office of the Vice Provost for University Life.

Comments are welcome and should be addressed to President Sheldon Hackney,

100 College Hall/6380.

The Campus Center Advisory Committee was formed by President Sheldon Hackney and Provost Michael Aiken in March 1989 to recommend the program and services for the proposed Campus Center. The Committee's report is presented in eight sections and supported by a series of appendices. The following is a summary of the Committee's report and recommendations.

# Executive Summary: Report of the Campus Center Advisory Committee

#### I. Introduction

#### The Charge

The charge to the Committee was to develop a "new cornerstone for campus life which will continue to serve the same vital functions that Houston Hall has provided for the past century." The Committee was asked to undertake a detailed review of the needs of the various constituencies on the campus; provide a mission statement; and compile a comprehensive list and assessment of priorities for the elements of the Center. The charge requested an examination of critical issues: alternative sites; the role of performing arts facilities and food service facilities; the need for meeting rooms for campus groups and activities, offices for student agencies, and appropriate space for University Life and other departments serving students; the place of retail functions, including a possible relocation of the Book Store; and parking. The charge also requested an assessment of the linkages with other campus facilities that might complement and support the new Center.

The Committee developed the following set of philosophical objectives and assumptions for the Campus Center, against which the realities of later choices could be measured:

- —The Center should contribute to the intellectual and social life of the campus with facilities, services and programs that enrich the University environment.
- As a facility the Center should bring students, faculty, staff, alumni and visitors together in a warm, comfortable, inviting atmosphere that encourages interaction.
- The Center should not be viewed as a stand-alone facility, but rather should be linked conceptually and programmatically with other existing facilities—e.g., Annenberg Center, the residences and college houses and their satellite facilities such as McClelland Hall and Provost Tower, and athletic and recreational facilities.
- Although the Center should be conceived as a "campus" center, its chief users for most of the year will be students and student groups, and its design should recognize this pattern of use.
- The Center should be designed so that it can serve future generations of members of the Penn community as well as it serves the current Penn community.

#### Site Selection

Three sites were identified as having the greatest potential for development of the Campus Center—the existing site encompassed by Houston Hall, Irvine Auditorium and Logan Hall; the current (temporary) Book Store location on the corner of Locust Walk and 38th Street; and the existing parking lot on 36th and Walnut Streets across from Annenberg Center. Based on the Committee's examination of the advantages and disadvantages of each site in accordance with carefully determined considerations for both short and long term development, the Committee selected the site on the north side of Walnut Street between 36th and 37th Streets because of its advantages in opening Walnut Street to campus expansion while drawing in the facilities that are already proximate to the site.

#### II. The Character of the Campus Center

#### **Architectural Vision**

For both practical and symbolic reasons, the building should embody an energy- and environmentally-conscious design, and should fit well into the campus architecture. For historical reasons, the building should not lose sight of the University's role within the city of Philadelphia. The Chairman of the University's Board of Trustees has suggested that the building capture the spirit of "old Philadelphia"; there are many beloved architectural and design features on Penn's campus that are compatible with this idea. The Committee recommends that the architect of the building make a special effort to balance form with function to accommodate both visually exciting space and the practical needs of groups and individuals for necessary services.

#### Intellectual Atmosphere

Alongside its role as a place in which the Penn community can meet, interact, and enjoy recreational activities, the Campus Center must strongly and explicitly enrich the intellectual life of the University. To this end, the exchange of ideas, discussion and debate should be facilitated by the organization, design and management of the Center's facilities.

#### III. The Building Program

The Committee's building program space allocation recommendations are based on five factors:

- Current Houston Hall services and use patterns
- 2. Availability of services elsewhere on campus
- 3. Successful facilities on other campuses
- Perceived needs as reflected in campus-wide survey instruments and discussions
- Committee judgments regarding those facilities which will define the character of the building and establish it as the crossroads of the Penn campus.

Recommendations on program space allocation facilities and services are presented in Exhibit A. Further analysis of the entire program proposal is included in section III of the report.

#### IV. Linkages and Related Spaces

A number of functions have been left out of the Campus Center program with the understanding that they will be served by existing facilities elsewhere. The Committee believes that some of these omitted functions would suffer from relocation. The moving of others would lead to overcentralization and a diminution of the overall vitality of the campus. For yet others, the cost of duplicating existing facilities probably cannot be justified. The key recommendations are as follows:

Annenberg Center

— Dedicate all suitable performance spaces to student groups during peak use periods. If such dedicated time is not possible, expand the building program and budget of the Campus Center to include facilities that directly meet the needs of the campus performing arts communities.

- Reconfigure the Zellerbach Theater to accommodate audiences of 500-600 and 900 +, and make it acoustically suitable for both theatrical and musical performance. If this is not feasible, include a 500-600 seat theater and make provision for the construction of a 1000 seat music performance space.
- Create a single technical management structure to oversee both the Annenberg Center and the new theatrical facilities in the Campus Center.

#### **Gimbel Gymnasium**

- Develop a mechanism for coordinating athletic and recreational facilities in the Center with those of Gimbel Gym.
- Consider a physical linkage between the two buildings as part of Center design.

#### Physical Integration of the Campus

- Construct one or more bridges over Walnut Street to create a "campus level" for the Center connecting Annenberg Plaza, Grad Towers Plaza and the ICA.
- Design the rental component of the Center at the grade level of Walnut Street in order to enliven the street. Consider renovations to other Walnut Street buildings (Van Pelt Library, Annenberg Center) with the same effect in mind.
- Explore closing a portion of 36th and/or 37th Streets to increase the pedestrian zone of the campus and provide a loading dock area for the Center.

#### **Linkages to Residential Programs**

Foster cooperative efforts without duplicating residential activities in the Center.

#### **Linkages to Academic Programs**

 Support the intellectual mission of the University within the Center while avoiding its use for academic instruction.

#### V. Analytical Graphics and Sketch Studies

While specific recommendations on the architectural layout and design of facilities in the Campus Center are premature, several general concerns relating to planning and campus interaction patterns have emerged from the Committee's discussions. In cooperation with the Department of Facilities Planning and its consultant, Venturi, Scott Brown and Associates, Inc., the Committee has included an appendix of analytical graphics and sketch studies as part of this report. These graphic aids are intended to illustrate the external influences that affect the Committee's concepts of the use of the building site and the overall program statement.

## VI. Organization and Governance

#### Organization

The Committee's general recommendation is to establish an organizational structure which functionally empowers the Center's management and governance to promote the welfare of campus life through the revenues derived from the Campus Center's activities and programs. In particular, the Committee recommends:

- (i) Reporting Responsibilities: The Committee unanimously supports an organization which reports to the academic side of the institution through the Provost's Office.
- (ii) Operational Responsibilities: The Committee recommends that the Center's operational organization be treated, to as great an extent as possible, as an identifiable administrative unit in an appropriate area under the Provost such as the Division of University Life.
- (iii) Budgetary Responsibilities: Though the cost center versus profit center basis for the funding and operations has yet to be resolved, the Committee nevertheless recommends that the Center be organized as much as possible as a separate budgetary entity with the right—and obligation—to use internally generated revenues in support of the Center and its programs and activities.

#### Governance

The Committee's review of other centers has indicated that the best funded and operated facilities rely on strong governance structures. Visionary leadership is necessary to ensure the creation of a vital and exciting environment, the provision of services to all members of the

University community, and fair and consistent policy implementation.

The Committee proposes a Campus Center governing structure with three components: the Provost's Office, a director (although the operations and programmatic functions may be split between two positions), and a governing board.

#### VII. Further Recommendations on the Development and Construction Process

The proposed Campus Center represents a major step in the University's commitment to integrate its academic programs and the functions which are loosely termed "student life." Indeed, the program for the Campus Center has been designed to advance this educational philosophy both now and in the future. With this in mind, and based on its review of the development processes of other recently constructed centers, the Committee offers the following recommendations:

- A mechanism should be developed to enhance campus involvement in the development process of the facility, such as the formation of a development committee to oversee the next steps of the project, i.e., to serve as "client" for the project, to serve as the University connection with the architect and development manager, and to represent the range of perspectives which will influence the short and long term performance and impact of the Center. Such a development committee should include, for example, Trustees, representatives from the current Campus Center Advisory Committee, and the personnel responsible for Houston Hall, Student Life, and Facilities Planning. An operating officer for the project should be appointed who will be responsible for direct communication with all those who require information and guidance from the "client."
- In its deliberations the Committee has assumed that the financing for the construction of the Campus Center will be raised as part of Penn's current development campaign. Should that assumption prove too optimistic for construction of the total program at one time, the Committee believes it essential for the facility to be designed at the same time so that the phasing affects only the timing of construction, and that an appropriate time line be developed to assure that the comprehensive program is implemented in accordance with an established plan. Exhibit B provides the Committee's recommendations on such a phasing strategy should one prove to be necessary.

#### VIII. Next Steps

- Formation of a development committee to serve as a "client."
- Development committee review and analysis of the program statement and refinement in light of its review.
- Preliminary review of credentials of selected architects.
- Commission of an architectural competition among several architectural firms and review by the development committee.
- Selection of architect.
- Review of financing objectives and possible alternatives.
- Completion of preliminary studies on site plans.

#### Campus Center Advisory Committee

David Brownlee, Arts and Sciences Thomas Connolly, Arts and Sciences Stephen Gale, Arts and Sciences, Co-Chair Lawrence Hanauer, CAS '91 Thomas Hauber, University Life, Staff Titus Hewryk, Facilities Planning Pamela Inglesby, Annenberg '91 Robert Inman, Wharton Benjamin Karsch, Wh '90 Noam Lior, Engineering and Applied Science Kim Morrisson, University Life, Co-Chair Kelly Mulroney, CAS '90 Mohammed Saadi-Elmandjra, Gr Eng '90 Rene Singleton, University Llfe, Staff Anthony Tomazinis, Graduate School of Fine Arts Francine Walker, University Life, Staff Rosalyn Watts, Nursing

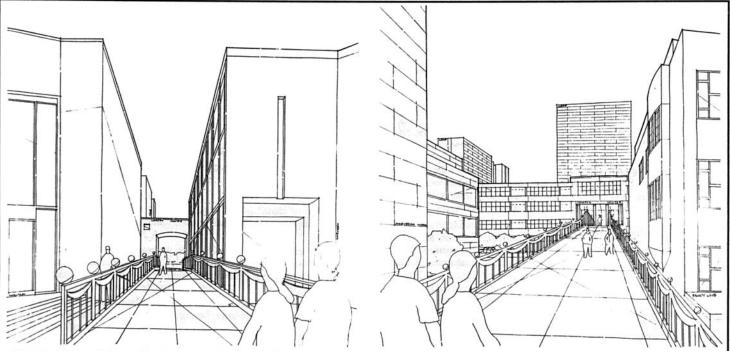
Exhibit A, next page Exhibit B, pp. VI-VIII

# Exhibit A: Campus Center Building Program Space Allocation

|  | jected<br>Need | @<br>Sq.Ft  | Total<br>Sq. Ft. | % of<br>Bldg. | Type of Facility   | rojected<br>Need      | @<br>Sq.Ft  | Total<br>Sq. Ft.      | % of<br>Bldg.     |
|--|----------------|-------------|------------------|---------------|--|-----------------------|-------------|-----------------------|-------------------|
| Meeting Rooms  |                |             |                  |               | Student Support Services   |                       | 0.000       | Accessed to           |                   |
| Conference rooms (cap. 15)   | 7              | 300         | 2100             |               | Affirmative Action (satellite)   | 1                     | 125         | 125                   |                   |
| Conference rooms (cap. 50)   | 3              | 750         | 2250             |               | Campus Center Operations   | 1                     | 2285        | 2285                  |                   |
| Meeting rooms, flexible (cap. 50)  | 9              | 750         | 6750             |               | Career Plan./Plcmnt (satellite)  | 1                     | 125<br>2065 | 125<br>2065           |                   |
| Meeting rooms, flexible (cap. 100)   | 4              | 1000        | 4000             |               | Fraternity & Sorority Affairs  | 1                     | 1495        | 1495                  |                   |
| Multipurpose room (cap. 300)   | 1              | 2500        | 2500             |               | Health Ed'n Resource Center<br>International Programs  | 1                     | 3485        | 3485                  |                   |
| <ul> <li>—with small raised stage</li> <li>—for dances, concerts, parties</li> </ul> |                |             |                  |               | Penn Student Agencies  | i                     | 1200        | 1200                  |                   |
| Multipurpose room w/ dividers  | 1              | 10000       | 10000            |               | Penn Women's Center  | 1                     | 1600        | 1600                  |                   |
| (capacity 1000)  |                | 10000       | 10000            |               | Student Academic Support   | 1                     | 6000        | 6000                  |                   |
| -divisible into 4 rooms @ 2500 so  | . ft.          |             |                  |               | Student Activities   | 1                     | 955         | 955                   |                   |
| -small stage in end room   |                |             |                  |               | Student Life Programs  | 1                     | 2450        | 2450                  |                   |
| —for rehearsals, meetings,   |                |             |                  |               | Student Performing Arts  | 1                     | 1100        | 1100                  |                   |
| performances, ballroom   |                |             |                  |               | Vice Provost for University Life   | 1                     | 6000        | 6000                  | 44 000/           |
| Lecture hall/auditorium/film   | 1              | 2850        | 2850             |               | Total Student Support Svcs   | : 13                  |             | 28885                 | 11.80%            |
| screening room (cap. 300)  |                |             |                  |               | Food Services **   |                       |             |                       |                   |
| —raked seating   |                | 750         | 750              |               | Type and number to be determined   | d                     |             | 15000                 |                   |
| Catering preparation area connecting   | 9 1            | 750         | 750              |               | Self-service cafeteria   | •                     |             | 10000                 |                   |
| to meeting rooms   |                |             |                  | 40 750        | Coffeehouse/cafe   |                       |             |                       |                   |
| Total Meeting Rooms:   | 27             |             | 31200            | 12.75%        | Sit-down restaurant/grille   |                       |             |                       |                   |
| Derforming Arts Conilities t   |                |             |                  |               | Dining area (seats 1000)   |                       |             | 10000                 |                   |
| Performing Arts Facilities * Black box theater                                       |                | 3000        | 3000             |               | Total Food Service:  |                       |             | 25000                 | 10.22%            |
| Dressing rooms   | 1<br>3         | 200         | 600              |               | 70.007,000 00.7700.  |                       |             |                       |                   |
|  |                | 200         |                  |               | Bookstore Functions **   |                       |             | 0.00                  |                   |
| Total Performing Arts Facilities   | 5 4            |             | 3600             | 1.47%         | Bookstore functions  |                       |             | 50000                 |                   |
| Music Practice Rooms   |                |             | 600              |               | —including Check Cashing serv  | ice                   |             |                       |                   |
|  |                |             | 600              |               | Total Bookstore Functio  | ns:                   |             | 50000                 | 20.43%            |
| —with pianos and wood floors   |                |             |                  | 0.050/        |  |                       |             |                       |                   |
| Total Music Practice Room  | s:             |             | 600              | 0.25%         | Retail Services **   | _                     |             | 10000                 |                   |
| Rehearsal/Dance/   |                |             |                  |               | Type and number to be determine  |                       |             | 10000                 |                   |
| Martial Arts Studios   | 2              | 1250        | 2500             |               | (e.g., Convenience store, automateur)  | ateo                  |             |                       |                   |
| with mirrors, sprung floor, barres,  |                | 1230        | 2500             |               | teller machines, fitness center)   |                       |             | 40000                 | 4.09%             |
| piano and mats   |                |             |                  |               | Total Retail Services  |                       |             | 10000                 | 4.09%             |
| Total Rehearsal/Dance/Martial A  | rte · 2        |             | 2500             | 1.02%         | Service Operations   |                       |             |                       |                   |
| Total Herical Sall Darice/Martial A  | 113. 2         |             | 2500             | 1.02 /0       | Post Office (walk-in)  | 1                     | 750         | 750                   |                   |
| Art Gallery  | 1              | 600         | 600              |               | Information Center and bldg mailro   |                       | 500         | 500                   |                   |
| Total Art Gallery:   |                |             | 1600             | 0.25%         | Student Federal Credit Union * *   | 1                     | 1800        | 1800                  |                   |
| rount rate dunory.   |                |             | ,,,,,            | 0.2070        | Total Service Operation  | s 3                   |             | 3050                  | 1.25%             |
| Lounges/Recreational Space   |                |             |                  |               | Total Service Speration  |                       |             |                       |                   |
| Large central lounge   | 1              | 7500        | 7500             |               | Patio/Terrace **   | 1                     | 4000        | 2000                  |                   |
| —comfortable furniture   |                |             |                  |               | —located off food service area   |                       |             |                       |                   |
| Music listening lounge   | 1              | 1000        | 1000             |               | with glass enclosure (@ .5)  |                       |             |                       |                   |
| Browsing library   | 1              | 2000        | 2000             |               | Total Patio/Terrace:   | 1                     |             | 2000                  | 0.82%             |
| 24-hour study/reading lounge   | 1              | 1800        | 1800             |               | 2004 - 100 March 2017 - |                       |             |                       |                   |
| -lounge furniture  |                |             |                  |               | Elevators **   |                       |             | 100                   |                   |
| —study tables  |                |             |                  |               | Passenger  | 2                     | 50          | 100<br>100            |                   |
| —good lighting   |                | 400         | 1600             |               | Freight (connected to meeting roo  |                       | 100         |                       |                   |
| Open lounge areas throughout bldg.<br>Small enclosed lounge                          | 4              | 400<br>800  | 1600<br>800      |               | Total Elevators:   | 3                     |             | 200                   | 0.08%             |
| —with television and VCR   |                | 800         | 800              |               | Looding Docks/Trook Removal  | **                    |             |                       |                   |
| Game Room *  | 1              | 3000        | 3000             |               | Loading Docks/Trash Removal<br>Bays capable of holding 45' trailer   | 3                     | 450         | 675                   |                   |
|  |                | 5000        | 17700            | 7.23%         | with 14' clearance (sq. ft. @ .5)  | 3                     | 400         | 0,0                   |                   |
| Total Lounge Space:  | 10             |             | 17700            | 1.23%         | Bay for building trash compacter   | 1                     | 450         | 225                   |                   |
| Computing Facility   |                |             |                  |               |  |                       |             | 900                   | 0.37%             |
| Public computing facility  | 1              | 6500        | 6500             |               | Total Ldg Docks/Trash Remov  | ui. 4                 |             | 300                   | 2.07 /0           |
| —individual and group terminals  |                | 5500        | 0500             |               | Telephones   |                       |             |                       |                   |
| Total Computing Facility:  | 1              |             | 6500             | 2.66%         | Pay and campus phones on each  | floor 5/fl            | 60/fl       | ?                     |                   |
| rotal computing racinty.   | •              |             | 0300             | 2.00 %        | -space allocation depends on a   |                       |             |                       |                   |
| Student Organization Offices   |                |             |                  |               | Total Telephones:  |                       | t           | o be determ           | ined              |
| Private offices for governing and  | 20             | 200         | 4000             |               |  |                       |             |                       |                   |
| other permanent groups around  |                |             | -1000            |               | Coat Room/Registration Areas   |                       |             |                       |                   |
| periphery of large room  |                |             |                  |               | (@ I sq. ft./coat)   | Q                     |             |                       |                   |
| Open space with movable partitions   | . flex         | ible        | 8000             |               | Near multipurpose rooms  | 1                     | 500         | 500                   |                   |
| desks, reception area, mailboxes   | 1000000        | osvii 92    | 64755073500      |               | Near central lounge  | 1                     | 400         | 400                   |                   |
| and conference room/work area  |                |             |                  |               | Near meeting rooms   | . 1                   | 300         | 300                   | A 400             |
| Daily Pennsylvanian **   | 1              | 6000        | 6000             |               | Total Coat Room/Registrat  | tion: 3               | 1           | 200                   | 0.49%             |
| Total Student Organization Sp  | aceflex        | ible        | 18000            | 7.36%         | Dublic Space Access and Egre   | ee Basti              | oome and    | Storage               |                   |
| - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1  |                |             |                  |               | Public Space, Access and Egre<br>Public space @ 30% of net square  | es, nesu<br>e footege | Joins and   | 30551                 |                   |
|  |                |             |                  |               | Public space @ 30% of fiet square  | - loolage             |             |                       |                   |
|  |                |             |                  |               | Storage chace (a) 12% of not could   | are toota             | 10          | 12220                 |                   |
|  |                | 52          |                  |               | Storage space @ 12% of net squa  |                       | ge          | 12220                 | 17 48%            |
| * The theaters of the Annenber   |                |             |                  |               | Storage space @ 12% of net squa<br>Total Public Space, Etc.  |                       | ge          | 12220<br><b>42771</b> | 17.48%            |
| allocation, but should be cons   | sidered        | part of the |                  |               | han i han han 프리아스 얼룩하는 것들은 하게 하면 있다. 그렇게 되었다면 하는 것이 없는데 되고 있다.  | :                     | ge .        | 42771                 |                   |
|  | sidered        | part of the |                  |               | Total Public Space, Etc.   | <i>:</i><br>·         | je          | 42771                 | 17.48%<br>100.00% |

mendation for the Campus Center complex.

<sup>\*\*</sup> Gross square footage



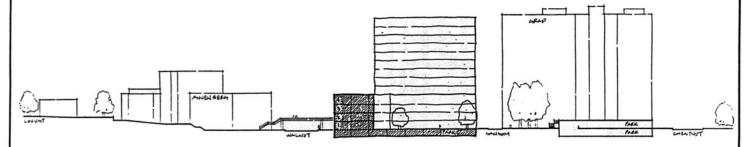
Facing northward between the Annenberg Center and Annenberg School—or between the School and the Faculty Club



# Sketches from the Appendices

Appendices to the Report of the Campus Center Advisory Committee contain extensive analysis of the setting of the Campus Center and its linkages to existing academic, residential and recreational facilities. For physical conquest of "the Walnut Street barrier," the Committee proposes a pedestrian bridge.. Sketches on this page, from Venturi, Scott Brown and Associates, suggest the visual effects.

Above and below, looking westward on Walnut Street



Drawings from the Appendices and the explanatory paragraph above were added to this presentation by Almanac. It is noted in the document that the sketches represent conceptions, not architechtural designs.

Exhibit B: Building Program Space Allocation Construction Phasing (If Needed)

|  | ,        | Phase            | -<br>-<br>-      |               |        | Phase II | se II            | ,             |               | Phases I and III | and II     |               |
|--|----------|------------------|------------------|---------------|--------|----------|------------------|---------------|---------------|------------------|------------|---------------|
| Type of facility   | Number   | Sq. Ft.          | Total<br>Sq. Ft. | % of<br>Bldg. | Number | Sq. Ft.  | Total<br>Sq. Ft. | % of<br>Bldg. | Proj.<br>Need | Sq. Ft.          | Sq. Ft.    | % of<br>Bldg. |
| Meeting Rooms Conference rooms (ran, 15)   | ď        | 300              | 1500             |               | 0      | 300      | 009              |               |               | 300              | 0100       |               |
| Conference rooms (cap. 19)   | ne       | 750              | 2250             |               | 1      | 8        | 8                |               | - ო           | 750              | 2250       |               |
| -  | 9 (      | 750              | 4500             |               | က      | 750      | 2250             |               | σ.            | 750              | 6750       |               |
| Meeting rooms, flexible (cap. 100)<br>Multipurpose room (cap. 300)               | N        | 2500             | 2500             |               | N      | 1000     | 2000             |               | 4 -           | 2500             | 2500       |               |
| <ul> <li>with small raised stage</li> <li>for dances concerts parties</li> </ul> |          |                  |                  |               |        |          |                  |               |               |                  |            |               |
| Multipurpose room w/dividers   |          | 10000            | 10000            |               |        |          |                  |               | -             | 10000            | 10000      |               |
| (Capacily 1000)  — divisible into 4 rooms @ 2500                                 |          |                  |                  |               |        |          |                  |               |               |                  |            |               |
| moor bu  |          |                  |                  |               |        |          |                  |               |               |                  |            |               |
| <ul> <li>for rehearsals, meetings, performances, ballroom</li> </ul>             |          |                  |                  |               |        |          |                  |               |               |                  |            |               |
| Lecture hall/auditorium/film screening   | -        | 2850             | 2850             |               |        |          |                  |               | -             | 2850             | 2850       |               |
| - raked seating  |          |                  | 2                |               |        |          |                  |               | •             |                  | 3          |               |
| Catering preparation area connecting to meeting rooms                            | -        | 750              | 750              |               |        |          |                  |               | -             | 750              | 750        |               |
| Total Meeting Rooms:   | 20       |                  | 26350            | 13.37%        | 7      |          | 4850             | 10.19%        | 27            |                  | 31200      | 12.75%        |
| Performing Arts Facilities   |          | 0008             | 0008             |               |        |          |                  |               | ,             | 0006             | 0000       |               |
| Dressing rooms   | - ო      | 200              | 909              |               |        |          |                  |               | - ო           | 200              | 809        |               |
| Total Performing Arts Facilities:  | 4        |                  | 3600             | 1.83%         |        |          |                  |               | 4             |                  | 3600       | 1.47%         |
| Music Practice Rooms   |          |                  | 009              |               |        |          |                  | 1002000       |               |                  | 009        |               |
| Total Music Practice Rooms:  | to be de | to be determined | 009              | 0.30%         |        |          |                  |               | to be d       | to be determined | 009        | 0.25%         |
| Rehearsal/Dance/Martial Arts Studios   | -        | 1250             | 1250             |               | -      | 1250     | 1250             |               | 2             | 1250             | 2500       |               |
| <ul> <li>with mirrors, sprung floor, barres, pi-<br/>ano and mats</li> </ul>     |          |                  |                  |               |        |          |                  |               |               |                  |            |               |
| Total Rehearsal/Dance/Martial arts:  | 1        |                  | 1250             | 0.63%         | 1      |          | 1250             | 2.63%         | 2             |                  | 2500       | 1.02%         |
| Art Gallery Total Art Gallery:   |          | 009              | 009              | 0.30%         |        |          |                  |               |               | 009              | 009<br>900 | 0.25%         |
| Lounges/Recreational Space   | 3.5      |                  |                  |               |        |          |                  |               | 3,            |                  |            |               |
| Large central lounge  - comfortable furniture                                    | -        | 7500             | 7500             |               |        |          |                  |               | -             | 7500             | 7500       |               |
| Music listening lounge   |          | 1000             | 1000             |               |        |          |                  |               |               | 1000             | 1000       |               |
| Browsing library<br>24-hour study/reading lounge                                 |          | 1800             | 1800             |               |        |          |                  |               |               | 2000<br>1800     | 1800       |               |
| - lounge furniture   | 5        |                  |                  |               |        |          |                  |               |               |                  |            |               |
| - good lighting  |          |                  |                  |               |        |          |                  |               |               |                  |            |               |
| Open lounge areas throughout   | ď        | 400              | 1200             |               | -      | 400      | 400              |               | 4             | 400              | 1600       |               |
| Small enclosed lounge  | · -      | 800              | 800              |               | 20     | 2        | 2                |               | -             | 800              | 800        |               |
| Game Room *  | (        | 3000             | 3000             |               | ,      |          |                  |               | - 5           | 3000             | 3000       |               |
| *Gross square footage  | D)       |                  | 17300            | 8.78%         | 1      |          | 400              | 0.84%         | 0             |                  | 17700      | 7.23%         |

|   |          | Phase I     | _                   |               |        | Phase II | =<br>=           |               |               | Phases I and II | and II              |               |
|---|----------|-------------|---------------------|---------------|--------|----------|------------------|---------------|---------------|-----------------|---------------------|---------------|
| Type of facility  | Number   | Sq. Ft.     | Total<br>Sq. Ft.    | % of<br>Bldg. | Number | Sq. Ft.  | Total<br>Sq. Ft. | % of<br>Bldg. | Proj.<br>Need | Sq. Ft.         | Sq. Ft.             | % of<br>Bldg. |
| Computing Facility Public computing facility  |          |             |                     |               | -      | 9200     | 6500             |               | -             | 6500            | 0059                |               |
| <ul> <li>individual and group terminals</li> <li>Total Computing Facility:</li> </ul>                     |          |             |                     |               | 1      |          | 9200             | 13.66%        | 1             |                 | 6500                | 2.66%         |
| Student Organization Offices Private offices for governing and other permanent groups around periphery of | ç        | 000         | 4000                |               |        |          |                  |               | 50            | 200             | 4000                |               |
| Open space with moveable partitions, desks, reception area, mailboxes and conference room/work area       | flexible |             | 8000                |               |        |          |                  |               | flexible<br>1 | 9               | 8000                |               |
| Total Student Organization Space:   | flexible |             | 18000               | 9.13%         |        |          |                  |               | flexible      |                 | 18000               | 7.36%         |
| Student Support Services<br>Affirmative Action (satellite)  | ,        |             | 000                 |               | -      | 125      | 125              |               |               | 125             | 125                 |               |
| Campus Center Operations Career Plan. & Placement (satellite)   | -        | 6877        | 6822                |               |        | 125      | 125              |               |               | 125             | 125                 |               |
| Fraternity & Soronity Alialis<br>Health Education Resource Center   | -        | 1495        | 1495                |               | - •    | 240      | 240              |               |               | 1495            | 1495                |               |
| International Programs Penn Student Agencies  |          | 1200        | 1200                |               | -      | 2483     | 2400             |               |               | 1200            | 1200                |               |
| Penn Women's Center<br>Student Academic Support   | - ,      | 0091        | 000                 |               | -      | 0009     | 0009             |               |               | 0009            | 0009                |               |
| Student Activities<br>Student Life Programs   |          | 955<br>2450 | 955<br>2450         |               | ,      |          | ,                |               |               | 2450            | 2450                |               |
| Student Performing Arts Vice Provost for University Life Total Student Support Services:                  | 9        |             | 9985                | 5.07%         |        | 6000     | 6000<br>18900    | 39.73%        | - + 51        | 0009            | 6000<br>28885       | 11.80%        |
| Food Services * Type and number to be determined  |          |             | 15000               |               |        |          |                  |               |               |                 | 15000               |               |
| Self-service careteria<br>Coffeehouse/cafe<br>Sit-down restaurant/grille                                  |          |             | 0000                |               |        |          |                  |               |               | 10000           |                     |               |
| Dining area (seats 1000)  Total Food Service:   |          |             | 25000               | 12.68%        |        |          |                  |               |               | 25000           | 10.22%              |               |
| Bookstore Functions* Bookstore functions  |          |             | 20000               |               |        |          |                  |               |               |                 | 20000               |               |
| <ul> <li>including Check Cashing service</li> <li>Total Bookstore Functions:</li> </ul>                   |          |             | 20000               | 25.36%        |        |          |                  |               |               |                 | 20000               | 20.43%        |
| Retail Services*  Type and number to be determined (e.g Convenience store, automated                      |          |             | 10000               |               |        |          |                  |               |               |                 |                     |               |
| teller machines, fitness center)  Total Retail Services:  |          |             | 10000               | 2.07%         |        |          |                  |               |               |                 | 10000               | 4.09%         |
| Service Operations Post Office (walk-in)  | -        | 750         | 750                 |               |        |          |                  |               | -             | 750             | 750                 |               |
| Information Center and building mair- room Student Federal Credit Union*                                  | 0        | 1800        | 500<br>1800<br>3050 | 1 55%         |        |          |                  |               |               | 500<br>1800     | 500<br>1800<br>3050 | 1.25%         |
| *Gross square footage   | ò        |             |                     |               | (e     |          |                  |               |               |                 |                     |               |

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| Phase |
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|--|--------------|-------------------|---------------------------|---------------|--------|------------------|-----------------------------|---------------|---------------|-------------------|---------------------------|---------------|
|  |              | Phase             | _ e _                     | -             |        | Phase II         | se II                       |               |               | Phases I and II   | and II                    |               |
| Type of facility   | Number       | Sq. Ft.           | Sq. Ft.                   | % of<br>Bldg. | Number | Sq. Ft.          | Total<br>Sq. Ft.            | % of<br>Bldg. | Proj.<br>Need | Sq. Ft.           | Total<br>Sq. Ft.          | % of<br>Bldg. |
| Patio/Terrace*  — located off food service area with glass enclosure (@ .5)  Total Patio/Terrace:  |              |                   |                           |               |        | 4000             | 2000                        | 4.20%         |               | 4000              | 2000                      | %280          |
| Elevators* Passenger Freight (connected to meeting rooms) Total Elevators:   | 0            | 100               | 50<br>100<br>150          | 0.08%         |        | 20               | 50                          | 0.11%         | 0 <b>-</b> 0  | 100               | 100                       | 0.08%         |
| Loading Docks/Trash Removal* Bays capable of holding 45' trailer with 14' clearance (sq. ft. @ .5) Bay for building trash compacter Total Loading Docks/Trash Removal: | α <b>-</b> ω | 450<br>450        | 450<br>225<br>675         | 0.34%         |        | 450              | 225                         | 0.47%         | ω <b>−</b> 4  | 450<br>450        | 675<br>225<br>900         | 0.37%         |
| Telephones Pay and campus phones on each floor - space allocation depends on # of floors Total Telephones:   | 5/11         | 60/fl<br>to be de | 50/fil ?                  |               | 5/fl   | 60/fl<br>to be o | 50/fl ?<br>to be determined |               | 5/fl          | 60/fl<br>to be de | 2) ? ? ? to be determined |               |
| Coat Room/Registration Areas* (@ I sq. ft./coat) Near multipurpose rooms Near central lounge Near meeting rooms Total Coat Room/Registration:                          | <i>0</i>     | 500<br>400<br>300 | 500<br>400<br>300<br>1200 | 0.61%         |        |                  |                             |               | 0             | 500<br>400<br>300 | 500<br>400<br>300<br>1200 | 0.49%         |
| Public Space, Access and Egress, Restrooms and Storage Public space @ 30% of net square footage Storage space @ 12% of net square footage Total Public Space, etc.:    |              |                   | 20981<br>8392<br>29373    | 14.90%        |        |                  | 9570<br>3828<br>13398       | 28.16%        |               |                   | 30551<br>12220<br>42771   | 17.48%        |
| Total Gross Square Footage for Build-<br>ing Program Space Allocation:<br>- excluding telephones   |              |                   | 197133                    | 100.00%       |        |                  | 47573                       | 100.00%       |               |                   | 244706                    | 100.00%       |

\* Gross square footage