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REGULAR MEETING OF THE BOARD OF REGENTS
OF THE UNIVERSITY OF WISCONSIN

Madison, Wisconsin

Held in the President's Office

Saturday, March 12, 1960, 9 A.M.

President Steiger presiding

PRESENT: Regents Bassett, DeBardleben, Konnak, Steiger, Watson, Werner.

ABSENT: Regents Gelatt, Jensen, Renk, Rennebohm.

Regent Gelatt was present for committee meetings on the preceding day.

The approval of the minutes of the postponed regular meeting of the Board held on February 20, 1960, was deferred since copies of the minutes had not been distributed to the Regents in time for all of them to review the minutes in advance of this meeting.

✓ President Elvehjem distributed to the Regents copies of the Report of the Presidents of The University of Wisconsin for the 1957-59 biennium. President Elvehjem noted that this report covered both the first year of his administration and the last year of President Fred's administration. President Elvehjem read the last two pages of the report. President Emeritus E. B. Fred also commented on the report, and expressed appreciation to the people of Wisconsin, the faculty, the students, the alumni, and the Regents for the many pleasant associations he had had as President of the University and as a member of the faculty. (Copy of report on file.)

President Steiger commended President Elvehjem and Dean Luberg for the

manner in which they had handled the mass demonstration by students protesting the recent treatment of negroes in the South.

REPORT OF THE PRESIDENT OF THE UNIVERSITY

Upon motion of Regent Watson, seconded by Regent Werner, it was VOTED, That the gifts and grants listed in EXHIBIT A and EXHIBIT A-1, attached, be accepted; and that the Vice President - Business and Finance be authorized to sign the agreements.

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Upon motion of Regent Werner, seconded by Regent Konnak, it was VOTED, That the actions taken by the President of the University since the last meeting of the Regents, relating to appointments, resignations, leaves of absence, and change of status of personnel with rank less than that of Associate Professor, which are included in the file of employment forms presented at this meeting, and the non-resident tuition remissions, be approved, ratified, and confirmed.

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ADDITIONAL RECOMMENDATIONS OF THE PRESIDENT OF THE UNIVERSITY

Upon motion of Regent Werner, seconded by Regent Konnak, it was VOTED, That the bequest of the late Marion C. Dean, Napa County, California, to the University Hospital, for research in the field of amyotrophic lateral sclerosis, be accepted by The Regents of The University of Wisconsin in accordance with the terms of the last Will and Testament of Marion C. Dean, Deceased; and that the Secretary be authorized to accept and sign receipts for this bequest in the name of The Regents of The University of Wisconsin, and do all things necessary to effect the transfer of this bequest to The University of Wisconsin.

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President Elvehjem presented the following recommendation relating to the allotment of funds for improvements at the University Arlington Farms, which had been discussed by the Regents at the meeting of the Special Regent Committee on Agricultural Lands on February 19, 1960:

That, upon recommendation of the Director of the Agricultural Experiment Station, and subject to the authorization of the State Building Commission for the construction of those pro-

jects costing in excess of \$15,000 as required by State Statutes, \$460,000 be allocated from the proceeds from the sale of University Hill Farms lands, Fund 20.830(49), to the College of Agriculture for new construction, remodeling, repairs, and improvements at the University Arlington Farms as follows:

<u>Farm Service</u>	<u>Estimated Cost</u>
Office and service building, with a meeting room, one story & basement	\$80,000
Machinery and equipment shop, concrete block or steel construction, one story	70,000
Dwelling for farm superintendent	20,000
Utilities - water, septic tank, etc., for farm service center	<u>10,000</u>
	\$180,000
<u>Agronomy</u>	
Field laboratory for plant breeding, sample drying, record-keeping, etc., one story concrete block or steel construction	85,000
<u>Poultry Husbandry</u>	
Brooder house for growing chicks, one story, replacing outworn wooden structure on Mineral Point Road	23,000
<u>Animal Husbandry</u>	
Pole shed, house remodeling, fencing, well and water system	35,000
<u>Horticulture</u>	
Field laboratory for analyzing, grading, handling and storing seeds, vegetables, and fruits	\$75,000
Utilities for farmstead and field laboratory, including well, water piping, septic tank, electric service	<u>13,000</u>
	88,000
<u>Soils</u>	
Service building and equipment for use with field plots and soil analysis	20,000
<u>Entomology, Dairy Husbandry, etc.</u>	
Minor improvements and remodeling	4,500

(Cont.)

General

Lumber, gravel, concrete and other
supplies for improvement and
maintenance, planning, landscap-
ing, and contingent fund

\$ 24,500

TOTAL \$460,000

Regent Werner moved the adoption of the above recommendation, the motion was seconded by Regent Bassett, and it was voted.

President Elvehjem presented the following two recommendations relating to (1) the University of Wisconsin - Milwaukee, Kenwood Campus, Development (Sketch Plan), and (2) the Core Area of the University of Wisconsin - Milwaukee, Kenwood Campus:

- (1) That the following statements of policy for the University of Wisconsin - Milwaukee, Kenwood Campus, Development (Sketch Plan) (See The University of Wisconsin - Milwaukee Sketch Plan, dated March 12, 1960, attached as EXHIBIT C) be approved:

A. PURPOSE OF THE SKETCH PLAN

The purpose of the Sketch Plan is to provide the basis for determining general policies for the physical development of the UW-M campus and establish guidelines for consecutive more detailed planning stages.

B. INSTRUCTIONAL CORE AREA

The UW-M should develop its present land holdings in the area between Hartford Avenue, Downer Avenue, Kenwood Boulevard and Cramer Street, including the Milwaukee Downer Seminary property, into a primarily instructional core area as the focus of academic activity.

C. RELOCATION OF EXISTING FACILITIES IN LONG RANGE DEVELOPMENT

In order to facilitate the development of the academic core area certain special facilities should be relocated as follows:

1. Athletic and physical education facilities should locate in the area west of the core area between Newport Avenue, Bartlett Avenue, Linnwood Avenue and Cambridge Avenue.

(Cont.)

2. A special study should be made to determine the most desirable future location for the laboratory school (Campus Elementary School).
3. The heating plant may need to be located in a new service center area. It is recommended that a special study be made to determine the functions, size and location of this center.

D. LAND ACQUISITION

In order to provide for future expansion of the campus, e.g., space for specialized instruction and research, three areas are indicated for acquisition in addition to the proposed areas for physical education and parking. These include the site of the Milwaukee University School which has announced its intention of relocating elsewhere, the site of the Hartford Avenue Elementary School and one city block east of the core area across Downer Avenue. The Milwaukee University School property should be acquired when available and property in the latter area, i.e., across Downer Avenue, should be acquired as soon as possible to meet the needs of special research and/or training programs which are unique to the Milwaukee campus. In addition, individual properties within the Institutional District as outlined should be acquired if offered to the University on favourable terms.

E. HOUSING

No new major University operated housing should be provided by the UW-M at this time. However, the supply, demand and needs for student housing should be periodically examined.

F. PARKING

Off-street parking should be provided in three locations, a limited amount of convenience parking within the core area as shown in the Core Area Plan and in two major parking areas:

1. West of the core area between Hartford Avenue, Cramer Street, Kenwood Boulevard, Downer Avenue, Oakland Avenue.
2. South of the core area between Downer Avenue, Linnwood Avenue, Farwell Avenue and south of the Kenwood Boulevard churches.

(Cont.)

G. INTERMEDIATE DEVELOPMENT

The Intermediate Development plan illustrates the staging of the Long-Range Development plan and provides short-term solutions to problems of special facilities. The solutions proposed for these problems are:

1. The Laboratory School. The laboratory school (Campus Elementary School) should be continued in its present location.
2. The Heating Plant. The heating plant will remain in its present location.
3. Physical Education. The University should continue to negotiate with Downer College to acquire or lease parts of the Downer College property for physical education use until a future site for physical education can be acquired, meanwhile continuing to use Baker Field House and the existing track and football field.
4. Academic Expansion. As will be noted in the recommendations for the Long-Range Development Plan, the area located east of Downer Avenue and indicated as academic expansion should be acquired as soon as possible.

H. INSTITUTIONAL DISTRICT

In order to prevent physical deterioration of the surrounding neighborhood and to assist in the solution of such neighborhood problems as services, traffic and parking, housing and commercial activities, it is recommended that University officials cooperate with City officials towards recognizing and establishing an official institutional district to effectuate neighborhood planning.

- (2) That the following development policies be approved for the Core Area of the University of Wisconsin - Milwaukee, Kenwood Campus (See The University of Wisconsin - Milwaukee Kenwood Campus Core Area Plan, dated March 12, 1960, attached as EXHIBIT D):

A. GENERAL PURPOSE

The purpose of the Core Area Plan is to provide the physical design framework for the academic core of the UW-M campus. The physical design framework should be comprehensive by showing complete development and should allow for flexibility in individual building programs which are capable of being created in stages. The goal of the Core Area Plan is to

create a cohesive and unified instructional campus, functionally organized in a beautiful and stimulating urban environment for academic life.

B. COMPREHENSIVE DEVELOPMENT

1. Land Use. In order to meet the above stated general purpose, land uses shall be organized in general accord with the Land Use plan.
2. Physical Design. The creation of a beautiful and stimulating environment is dependent upon the successful arrangement and grouping of the three-dimensional forms i.e., buildings, and the delineation of open space through enclosure and direction which such groupings form. A successful arrangement and grouping of these elements is obtained by the Comprehensive Development plan which in turn serves as the guide for the attainment of this goal. The Core Area shall be developed therefore, in general accord with the Physical Design plan.
3. Building Regulations. The effectuation of a development plan requires certain regulatory measures controlling building heights and masses, building setbacks and building lines, building facade treatment and open space. To insure the effectuation of the Comprehensive Development plan the Core Area shall be developed in general accord with the three Building Regulation plans.
4. Circulation. A crucial element in any development plan is the circulation system - how persons travel to work, and, in the case of a major university's campus, how students travel from classroom to classroom. The Circulation plan meets these objectives:
 - a. in separating pedestrian and vehicular traffic to ensure the greatest freedom of movement between classroom buildings,
 - b. in restricting vehicular service activities to the periphery of the campus, thus avoiding conflict with pedestrian movement, and
 - c. in providing a limited amount of parking in close proximity to academic buildings for faculty members.

Therefore, as an integral element of the comprehensive development plan for the Core Area the Circulation plan shall be the basis for circulation planning at the Core Area.

(Cont.)

C. STAGING OF CORE AREA PLAN

In order to illustrate the possibilities of staging in the proposed comprehensive development it was necessary to prepare an Intermediate Development Plan for the Core Area wherein certain special facilities are temporarily retained in their present location.

D. INTERMEDIATE DEVELOPMENT

The plan for intermediate development is not a separate plan but an integral part of the Comprehensive Development plan illustrating interim policies on land use and physical design.

1. Land Use. In the Intermediate Development for the Core Area the Heating Plant, the Baker Fieldhouse and athletic track, the Laboratory School, and the Downer Seminary Building are retained on their present sites. Again, it is to be noted that this is a temporary solution and these facilities will be relocated and replaced when possible as shown in the Sketch Plan and the Core Area Plan.
2. Physical Design. The Physical Design plan illustrates the physical development of intermediate land use as a stage of the Core Area Comprehensive Development plan and as such shall be the guide for interim development.

President Elvehjem noted that there had been an informal discussion of the Milwaukee Campus Development Plan with the Regents following the Regent meeting in Milwaukee in December, 1959. Provost Klotsche reported that, since the December, 1959, meeting, this plan had been considered at a number of meetings of the Milwaukee Campus Planning Committee, and that the two reports submitted at this meeting were the results of such considerations. He noted that the recommendations contained in these two reports had been approved unanimously by the Milwaukee Campus Planning Committee. Dean Wendt explained the reports and the recommendations. He showed a model of the Kenwood Campus, which was essentially the same as that shown to the Regents in December, 1959. He showed and explained a number of Milwaukee Campus Sketch Plan and Core Area Plan maps relating to both the intermediate development period and to long-range development.

There was discussion of the desirability of action on the above two recommendations being deferred since the two reports (EXHIBIT C and EXHIBIT D attached) had not been distributed in time for all of the Regents to review them thoroughly in advance of this meeting.

Upon motion of Regent Werner, seconded by Regent Watson, it was VOTED, That the reports and recommendations relating to the Milwaukee Campus Development Plans be received and brought up for consideration at a later meeting of the Regents.

The Secretary presented the report of the Vice President - Business and Finance.

The Vice President - Business and Finance presented, for the information of the Regents, Report of Actions Taken by the State Building Commission on February 23, 1960, Affecting the University (see Item I. of the Report of the Vice President - Business and Finance, EXHIBIT B attached).

Upon motion of Regent Watson, seconded by Regent Konnak, it was VOTED, That the Report of Actions Taken numbered II., listed under the Report of the Vice President - Business and Finance (EXHIBIT B attached), be approved, ratified and confirmed.

The Vice President - Business and Finance presented, for the information of the Regents, Report of Actions Taken (pursuant to Regent authorization of March 14, 1942) (see Item III. of the Report of the Vice President - Business and Finance, EXHIBIT B, and Exhibit B-1 appended to EXHIBIT B attached).

The Vice President - Business and Finance presented the report of budget transfers for the period February 17, 1960 through March 7, 1960, for the information of the Regents. (See Exhibit B-1 appended to EXHIBIT B attached)

Regent Steiger presented the report of the Executive Committee.

Upon motion of Regent Steiger, seconded by Regent Konnak, it was VOTED, That the following resolution adopted by the Executive Committee since the February 20, 1960, postponed regular meeting of the Board be approved, ratified and confirmed:

That, upon recommendation of the University Extension Division, a Distinguished Service Citation for his contributions to education be awarded to Mr. Fred W. Braun, Wausau, Wisconsin, on the occasion of the dedication of the new Marathon County Extension Center on March 6, 1960. (Mail vote initiated February 24, 1960)

Upon motion of Regent Steiger, seconded by Regent Werner, it was VOTED, That the resolution (copy attached as EXHIBIT E) adopted by the Executive Committee since the February 20, 1960, postponed regular meeting of the Board (pursuant to mail vote initiated February 29, 1960) be approved, ratified and confirmed.

(SECRETARY'S NOTE: Above action subsequently amended to authorize Wisconsin State Agencies Building Corporation to award the contracts, see page 14 of minutes of March 12, 1960.)

Regent Konnak presented the report of the Educational Committee.

Upon motion of Regent Konnak, seconded by Regent DeBardleben, it was VOTED, That the following recommendations of the Educational Committee be adopted:

1. That George Edward Pelham Box be appointed Professor of Mathematics and member of the Army Mathematics Research Center beginning January 4, 1960, salary at the rate of \$13,350 on the academic year basis; salary of \$1,271.43 on full-time basis for balance of first semester of 1959-60 and of \$4,450 on two-thirds time basis for second semester of 1959-60, chargeable to Army Mathematics Research Center (Fund 484-2128), and salary of \$2,225 on one-third time basis for second semester of 1959-60, chargeable to Letters and Science, Mathematics.
2. That Germaine Brée be appointed Professor in the Institute for Research in the Humanities, beginning August 1, 1960; salary at the rate of \$16,500 on the annual basis, chargeable to the Anonymous Trust Fund.
3. That the appointment of J. Kenneth Little, Professor of Education, as Associate Director of the Committee on Institutional Cooperation be terminated as of noon on February 15, 1960; and that he be continued, as of that time, as Professor of Education on a part-time basis at a salary of \$500 per month on the annual basis, chargeable to Ford Foundation Grant (Fund 47-3155).
4. That Carl A. Baumann, Professor of Biochemistry, be granted leave of absence, without pay, for the period March 20, 1960 to May 31, 1960.

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C O N F I D E N T I A L - NOT FOR PUBLICATION

Upon motion of Regent Konnak, seconded by Regent Watson, it was VOTED, That the following citation be approved for presentation on the occasion of the 50th Anniversary of the founding of The United States Forest Products Laboratory:

The Regents of The University of Wisconsin

present this

C I T A T I O N

to

M c G A R V E Y C L I N E

Who conceived the link between this University and the Forest Products Laboratory and directed its pioneering efforts during the earliest years of its development.

Presented on the 50th Anniversary of the founding of

THE UNITED STATES FOREST PRODUCTS LABORATORY

Madison, Wisconsin, June 3, 1960

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Regent Konnak moved the adoption of the following recommendation of the Educational Committee, and the motion was seconded by Regent Watson:

That the March 7, 1960, action of the University Faculty, granting the Alpha Lambda Chapter of Sigma Chi Fraternity a final, non-renewable extension to August 1, 1961, of the deadline contained in paragraph 3, page 3 of Faculty Document 1041 (see below), under the following terms and conditions, be approved:

That a non-renewable extension of the 1960 clause be granted to the petitioning chapter, to terminate automatically and finally on August 1, 1961,

That the chapter automatically cease to operate as a unit of Sigma Chi fraternity unless on that date the governing statutes of the national organization conform to the requirements of this faculty,

(Cont.)

That after September 10, 1960, and until the clause is removed, Alpha Lambda Chapter may not participate as a fraternity in all-campus or interfraternity social or athletic activities, and

That during this period of extension the chapter may not pledge anyone during the spring rushing season of 1961 and must, throughout the year, publish in the campus newspaper and notify all rushees of the terms of its probationary status.

(Paragraph 3, page 3, Faculty Document 1041, as amended and approved by University Regents on March 7, 1959:

"That no such organization which has in its national or local constitution or pledge instructions a discriminatory clause shall be approved by the University after September 10, 1960.")

Regent Konnak reported that the Educational Committee felt this extension should be granted only because the next annual national conclave of this fraternity will not be held until after the previously established deadline. Regent DeBardeleben noted that, if it were proper to grant an extension to any fraternity, this fraternity has shown a good case for such an extension. However, he indicated that he would vote against the motion on the basis that this fraternity had had four annual conclaves since the adoption by the Regents in 1952 of the so-called 1960 clause, which he felt was sufficient opportunity for this fraternity to amend its constitution. Regent Bassett questioned whether this fraternity would be able to operate under the proposed restrictions. Dean Luberg reported on the consideration of this recommendation by the Student Life and Interests Committee and by the Committee on Human Rights. He stated that it was decided that this fraternity should be put on this probationary basis in order to indicate to the local and national organization the seriousness of this matter and the limited nature of the extension. Regent Bassett indicated he would vote in favor of the motion, because he felt the fraternity deserves the extension of time, but that his vote would be given reluctantly with respect to the restrictions contained in the motion. At the request of Regent DeBardeleben, Dean Luberg reported on the votes on this subject by the Faculty, the Committee on Human Rights, the Student Life and Interests Committee, and by the Student Senate.

The question was put on the above motion and it was voted, with Regent DeBardeleben voting "No".

Regent Werner presented the report of the Business and Finance Committee.

Regent Werner moved the adoption of the following recommendation of the Business and Finance Committee, and the motion was seconded by Regent Bassett:

That \$63,887.00 furnished by the Office of Education, Department of Health, Education and Welfare, Washington, D.C., be accepted

as the Federal capital contribution for the continuation of a National Defense Student Loan Fund at the University of Wisconsin and its Extension Centers, to be administered in accordance with the provisions of Title II of Public Law 85-864, and that \$2,500.00 from the Student Loan Fund Interest Account, and \$4,599.00 from the President's Special Fund (Trust), total \$7,099.00, be allotted to the National Defense Student Loan Fund, representing the one-ninth (1/9th) contribution by the University required by the terms of the program.

Regent DeBardleben inquired whether, in view of the fact that the faculty and the Regents had reaffirmed their opposition to the affidavit of disclaimer provision of the National Defense Education Act of 1958, any provision had been made from other sources for loans to students objecting to the oath and affidavit provisions. Dean Luberg replied that the Kemper K. Knapp^{Request} Committee is recommending an allotment of \$50,000 for student loans for next year to ~~include loans~~ to students objecting to the oath and affidavit provisions of the National Defense Education Act of 1958.

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The question was put on the above motion and it was voted.

Upon motion of Regent Werner, seconded by Regent Watson, it was VOTED, That the Vice President - Business and Finance be authorized to sign an amendment to the lease with Wisconsin Tower, Inc., Milwaukee, to provide for the leasing by the University of Suite 1110 in the Tower Building until June 30, 1961, at a rental of \$60 per month, chargeable to the budget of the Extension Division.

Regent Werner moved the adoption of the following recommendation of the Business and Finance Committee, and the motion was seconded by Regent Bassett:

That the Vice President - Business and Finance be authorized to sign a lease for a period of not to exceed five years for the rental by the University of approximately 1900 square feet of space in the First National Bank Building (West Branch), 905 University Avenue, Madison, at a cost of approximately \$3.00 per square foot per year.

In answer to a question as to what this space would be used for, President Elvehjem reported that space will be needed for the Urban Research Program being financed by the Ford Foundation grant, as well as for three or four other projects, and that space would be needed to replace space in several houses on Johnson Street which are being vacated and razed for part of the site for the proposed Chemistry Building.

The question was put on the above motion and it was voted.

Dean Wendt explained the next recommendation of the Business and Finance Committee relating to the John Muir Lookout. He recalled that several years ago the Regents had approved, in principle, a comprehensive plan for the development of the Mendota lakeshore with the understanding that each special project would be brought back to the Regents for approval when ready for construction. He pointed out the location on a map of the site of the proposed John Muir Lookout, showed a sketch of it, and explained the work involved.

Upon motion of Regent Werner, seconded by Regent Watson, it was VOTED, That the plans, prepared by the Department of Planning and Construction and dated February 17, 1960, for the John Muir Lookout be approved; and that construction be authorized at an estimated cost of \$14,500, chargeable to funds allotted from the President's Special Fund (Trust) to the Department of Buildings and Grounds for beautification of the campus.

Upon motion of Regent Werner, seconded by Regent Konnak, it was VOTED, That the recommendation approved by the Executive Committee, by mail vote initiated February 29, 1960 (reported for confirmation by the Board on March 12, 1960), relating to the award of contracts and approval of the schedule of costs for construction of the Science Building at the University of Wisconsin - Milwaukee be amended to authorize Wisconsin State Agencies Building Corporation, in lieu of The Regents of The University of Wisconsin, subject to the approval of the Governor and the Director of the Bureau of Engineering, to award the contracts in the recommendation approved by the Executive Committee.

Regent Werner moved the adoption of the following recommendation of the Business and Finance Committee, and the motion was seconded by Regent Watson:

That the final plans and specifications for the Madison Chemistry Building - Unit I be approved, subject to release of the plans by the Chairman of the Madison Campus Planning Committee after the technical consultants have reviewed the building details; and that authority be granted to advertise for bids.

Dean Wendt showed a colored architect's sketch of the building, pointed out the location of the building on a map, and showed on a plot map the locations of the subsequent additions to be made to this building. He stated that the final plans were available for inspection, with the exception of some of the plans for mechanical work which still had to be completed and checked by the technical consultants. He distributed copies of an estimated schedule of costs, totalling \$2,492,000, which was \$32,000 in excess of funds to be made available in the amount of \$2,460,000. However, he noted that the schedule included a contingent of \$109,000 and did not take into account possible reductions that might be made on the basis of alternate bids to be taken. He noted that, because of federal funds being involved, it would be necessary for construction to begin by June 30, 1960.

The question was put on the above motion and it was voted.

Regent Werner moved the adoption of the following recommendation of the Business and Finance Committee, and the motion was seconded by Regent Konnak:

That the Department of Planning and Construction and the architects concerned be directed to study the feasibility of increasing the size of the Social Studies Building and the Milwaukee Fine Arts Building to provide, in general, additional classroom facilities, and that, subject to the practicability of such increases and subject to the approval of the Coordinating Committee for Higher Education and the State Building Commission, the budget estimates for the Social Studies Building and the Milwaukee Fine Arts Building be increased by approximately \$1,000,000 and \$500,000 respectively.

Regent Watson inquired whether the approval of this recommendation would be a green light to automatically increase the budgets for these projects, if the studies showed it feasible to do so. President Elvehjem pointed out that it would merely increase the funds to provide more classroom space in these buildings and that the Regents would still have to approve the preliminary plans and the final plans for these projects. Dean Wendt indicated that approval of the recommendation would authorize requesting approval of the Coordinating Committee for Higher Education and the State Building Commission to increase the budgets for these projects, subject to the feasibility studies being satisfactory.

Regent Watson was of the opinion that increasing the size of the Social Studies Building would be materially changing the thesis under which he had previously voted to approve the location of a certain sized building in that location. Dean Wendt explained that there were actually three things involved in this recommendation. First, it constituted a progress report, which the Regents had asked be brought to them from time to time as the planning of the Social Studies Building progressed. He noted that eight studies had been made so far for the Social Studies Building, and the one presented today contemplated the building to be constructed in two stages. Secondly, he noted that this recommendation contemplated adding classrooms and offices from Stage 2 of the building to Stage 1, if feasible to do so, by increasing the budget by \$1,000,000. The third part of the recommendation contemplates increasing the budget for the Milwaukee Fine Arts Building.

Regent Watson inquired whether the approval of the Coordinating Committee and the State Building Commission would be obtained after the determination of feasibility is made. Dean Wendt replied that, in order to save time, approval of the Coordinating Committee and State Building Commission would be requested as soon as possible, subject to the feasibility studies being satisfactory. Regent Werner noted that some of the same questions regarding this recommendation had been raised at the meeting of the Business and Finance Committee, that he believed the recommendation was confusing, and that he had moved its adoption as Chairman of the Business and Finance Committee to bring it before the Board.

Regent Konnak inquired in what respect the request for an additional \$1,000,000 for the Social Studies Building would affect the land area or site previously approved for this project. Dean Wendt explained that it would not change the previously approved area or site. He showed and explained a model of the building based on the latest study of the two stages, and pointed out its location on a map of this area, indicating that it in no way infringed on Muir Park. Regent

Bassett inquired as to the relationship of the height of the proposed building and the trees in the area. Dean Wendt replied that the heights would vary, but that some of the trees in the upper level were higher than the proposed building.

Regent Watson moved that the motion be amended to delete all material relating to the Social Studies Building in order that a vote could be taken on that portion of the motion relating solely to the Milwaukee Fine Arts Building. The motion was seconded by Regents DeBardeleben and Werner.

Provost Klotsche enthusiastically supported the possibility of an additional \$500,000 to the budget for the Milwaukee Fine Arts Building. He noted that increasing construction costs, since the building was first proposed, would not permit the construction of the first stage of the building for the amount budgeted, and that an additional \$500,000 would permit the construction of a more adequate building.

The question was put on the motion to amend the original motion and it was voted. The question was then put on the motion, as amended, and it was

VOTED, That the Department of Planning and Construction and the architects concerned be directed to study the feasibility of increasing the size of the Milwaukee Fine Arts Building to provide, in general, additional classroom facilities, and that, subject to the practicability of such increases and subject to the approval of the Coordinating Committee for Higher Education and the State Building Commission, the budget estimates for the Milwaukee Fine Arts Building be increased by approximately \$500,000.

Regent Werner then made the following motion:

That the Department of Planning and Construction and the architects concerned be directed to study the feasibility of increasing the size of the Social Studies Building to provide, in general, additional classroom facilities.

Regent Konnak inquired whether this motion, if approved, would provide the Department of Planning and Construction with the authority it needs. Dean Wendt replied that it would mean very rapid action on the feasibility study for the Social Studies Building additional space, if the balance of the original recommendation on the Social Studies Building is to be presented to the Regents at their next meeting.

The motion was seconded by Regent Watson and it was voted.

Regent Werner presented, for the consideration of the Regents, the following recommendation of the President of the University, which had been considered by the Business and Finance Committee on March 11, 1960, without action being taken by the Committee:

That the Regents reaffirm the general site for the Mathematics Building to the north and east of Sterling Hall and attached thereto, pending architectural studies to the budget sketch

stage; and that the following action of the Physics Department be accepted as the basis for the architectural studies:

"The Physics Department gives its approval to the following combined plan which is the original proposal with conditional provisions.

1. The Mathematics Building is to be constructed adjacent to Sterling Hall and attached to it.
2. Physics is to be placed on the priority list with the center section of the Chemistry Building designated for its use and with an adequate budget specified for a new Physics Building in that location. The Chemistry east wing site is to be reserved for physics expansion.
3. The third and fourth floors of Sterling Hall and the basement and sub-basement of the new mathematics addition will be used for temporary physics expansion.
4. All possible effort will be made to provide connection between the rebuilt Chemistry Building and existing nuclear physics laboratories which are to be retained.
5. There will be consultation and cooperative planning with physics on the location of the library facilities."

Dean Wendt showed two maps of the Campus covering the general area of Sterling Hall, and pointed out the proposed location of the Mathematics Building and the portions of the old Chemistry Building to be subsequently occupied by the Physics Department. Regent Konnak inquired as to the meaning of paragraph 2 in the action of the Physics Department included in the above recommendation. Dean Wendt reported that that was the main reason for this recommendation coming to the Regents. He stated that the Physics Department, having originally agreed to the proposed location of the Mathematics Building, had become concerned about space for future expansion of the Physics Department. He noted that rebuilding the center portion of the old Chemistry Building was on the approved Building Priority List without designation as to its future use, although it had been understood that it would be assigned to the Physics Department. The approval of the recommendation before the Regents would formalize the future use to be made of the old center portion of the Chemistry Building. By proper development of the center portion of the old Chemistry Building, the space which the Physics Department now has would be doubled, and it would be approximately tripled by also assigning the east wing of the Old Chemistry Building to the Physics Department. Regent Bassett inquired as to what the Regents would be approving by approving the language "with an adequate budget specified" in paragraph 2 of said action of the Physics Department. Dean Wendt reported that such an amount might be approximately double the previously approved amount in the priority list for building the center portion of the old

Chemistry Building. After further discussion of this point it was pointed out and agreed that "an adequate budget" for this purpose would be whatever might be determined by the Regents at a later date, and it was agreed that approval of the recommendation would not indicate approval by the Regents of any particular amount for the remodelling of the old portion of the Chemistry Building.

On the basis of that understanding, approval of the above recommendation was moved by Regent Watson, seconded by Regent DeBardeleben, and it was voted.

Regent Konnak inquired whether a meeting of the Special Regent Committee on Acquisition of Land in Milwaukee would be called in the near future in connection with the Milwaukee-Downer College matter (leasing of land for athletic purposes for UW-M). President Steiger reported that the Milwaukee-Downer College people had not yet appointed their committee to work with the University Regents, because of absences of individuals on vacation. Regent Konnak urged that a meeting for this purpose be held in the near future.

Regent Watson, Chairman of the Special Regent Committee on Future Development of the University, reported that that Committee had met on the preceding day, with the other Regents present, and had considered some of the implications of the various methods of getting better utilization of University Physical Plant facilities, including some of the advantages and disadvantages of the various methods. The Regents had agreed that the University was making good use of its physical facilities and had expressed hope that the University would continue to improve the utilization of the facilities. Regent Watson also pointed out that the University administration was instructed by the Regents, in submitting the material (relating to year-round school proposals) to the Coordinating Committee for Higher Education, to stress the fact that, with the University summer session running to about 9,000 students at Madison and 2,500 at Milwaukee, followed by a series of institutes which may run as high as 1,200 students, the University has had a percentage of utilization of space that was not generally recognized.

The following resolution was presented by Regent Watson:

WHEREAS by conference regulation the control of interscholastic athletics is under faculty control and is not subject to determination by this Board of Regents; and

WHEREAS this Board of Regents is still concerned with all matters of interest and significance to the University of Wisconsin; and

(Cont.)

WHEREAS at a recent meeting of faculty representatives, initial action was taken to prohibit all post-season athletic activities; and

WHEREAS said preliminary action must be ratified at a subsequent meeting of faculty representatives: Therefore be it

7
Football
RESOLVED, That this Board of Regents, while not desiring to interfere in any way with said faculty control of athletics, go on record endorsing, in general, the abolition of post-season athletic contests; and be it

RESOLVED FURTHER, That this Board express the hope that the initial action will be subsequently ratified by the faculty representatives of the Western Conference.

The adoption of the above resolution was moved by Regent Watson and seconded by Regent DeBardeleben.

President Steiger stated that he, personally, was strongly against the resolution, feeling that it was a great mistake, and hoping that the Faculty representatives would reverse themselves in this matter. He questioned whether it was proper to bring in the resolution without advance notice.

Regent Bassett stated that he had given this matter a lot of thought, and that there were many elements involved, including questions as to the proper role of athletics in college programs. In order that consideration might be given to all factors, he suggested that the resolution be referred to the Educational Committee for study and for report to the Regents at a later meeting.

There was further discussion of whether the introduction of this resolution was proper at this time. The majority of the Regents indicated that the introduction of the resolution was proper. However, several of them suggested that consideration of the adoption of the resolution be deferred, because there was only a bare majority of the Regents present, and because there were a number of aspects of the matter that should be given further study, including the effect the prohibition of all post-season athletic activities would have on some of the minor sports. In reply to a question, Dean Wendt reported that the Faculty would have to take an action on this matter sometime before the June meeting of the Western Conference.

Regent Konnak moved that the resolution be deferred to the next meeting of the Board, and that the resolution be referred to the Educational Committee for study and for report to the next meeting of the Board.

The motion was seconded by Regent Bassett and it was voted, with Regents DeBardeleben and Watson voting "No".

Upon motion of Regent Konnak, seconded by Regent Watson, it was VOTED, That the meeting adjourn.

The meeting adjourned at 11:35 A.M.

GIFTS AND GRANTS

GIFTS:

1. \$ 25.00 - W. D. Grafton, Los Angeles, California, given in memory of C. W. D. Hanson,
421.50 - Friends of the late Marcus Irgens, Lancaster, Wisconsin, given in his memory,
105.00 - Friends of the late Mrs. Ruth Schertzl, Milwaukee, Wisconsin, given in her memory,
10.00 - Mr. and Mrs. Joseph Groshans, Ripon, Wisconsin, given in memory of the late Miss Betty Lawson of Ripon, Wisconsin,
10.00 - Mr. Per Winckler, Milwaukee, Wisconsin, given in memory of the late Mr. Wayne Ramsdell of Milwaukee, Wisconsin,
\$571.50 to further research in the cause and cure of cancer, Medical School. (47-1038)
2. *Buch* Samuel Saffro, Milwaukee, Wisconsin, a gift of four manuscript volumes comprising part of the writings of Rabbi Mendel, a leading Russian writer of the nineteenth century on Jewish theology, to be added to the collections of the Memorial Library. The volumes have a market value of approximately \$200.
3. \$ 25.00 - Madison Garden Club, Madison, Wisconsin, for the viburnum planting program at the University of Wisconsin Arboretum. (47-758)
4. \$ 300.00 - Marine National Exchange Bank, Milwaukee, Wisconsin,
500.00 - Bergstrom Foundation, Neenah, Wisconsin,
\$800.00 contributions to be added to the fund for the Economics-in-Action Program. (47-1041)
5. \$ 3,000.00 - Continental Oil Company, Ponca City, Oklahoma, for the continuation of the Continental Oil Company Fellowship in Geology for the 1960-61 academic year. The fellowship includes \$1,600 to be paid to the recipient, \$500 for field expense, tuition and fees, and an unrestricted grant of \$300 to the Department of Geology. (47-2500)
6. \$ 200.00 - Wisconsin Alumni Club of Akron, Ohio, a contribution to be added to the Frank O. Holt Memorial Scholarship Fund. (Trust)

EXHIBIT A

GIFTS AND GRANTS

GIFTS:

7. \$ 150.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift made by the Furgatch Foundation for the support of a scholarship to be awarded a person attending the University Extension Summer Alumni Program. (47-3171)
8. \$ 51.75 - Wisconsin Society of Landscape Architects, Madison, Wisconsin, for the purchase of current periodicals which will be kept for reference in the landscape architecture library of the Horticulture Building. (47-3172)
9. \$ 500.00 - Thilco Foundation, Inc., Kaukauna, Wisconsin,
500.00 - Rhinelander Paper Company, Rhinelander, Wisconsin,
250.00 - Neco Foundation, Inc., LaCrosse, Wisconsin,
250.00 - Ray-O-Vac Company, Madison, Wisconsin,
\$1500.00 contributions to be added to the fund for the Economics-in-Action Program. (47-1041)
10. \$ 2,500.00 - Minnesota Mining and Manufacturing Company, St. Paul, Minnesota, for the renewal of the "Minnesota Mining and Manufacturing Company Fellowship in Chemistry" during the 1960-61 fiscal year. \$1800 of the total will be used as the stipend for the fellow selected, and \$700 will be used to cover tuition, fees, and other incidental expenses. The selection of the graduate fellow is to be left entirely to the discretion of the University. However, the donors have indicated an interest in subject matter related to polymerization. The major basis for selection, however, is to be "unusual promise as a scientist." (47-14)
11. \$ 2,000.00 - George K. Tallman Trust, Janesville, Wisconsin, to be added to the George K. Tallman scholarship fund in accordance with the conditions of the fund previously approved by the Regents. (47-433)
12. \$ 25.00 - University of Wisconsin Foundation, Madison, Wisconsin, a gift made by Mr. and Mrs. G.L. Lincoln, Madison, Wisconsin, to be used for the benefit of the University of Wisconsin Arboretum. (47-796)
13. \$ 20.00 - An anonymous donor, a gift to be used for research in Psychotherapy, Department of Psychiatry. Additional contributions may be added to this fund. (47-2796)

GIFTS AND GRANTS

GIFTS:

14. \$ 30.00 - Friends and Colleagues of the late Frank F. Adams, given in his memory, to be used in support of a scholarship for use by an Elementary Education student at the University of Wisconsin-Milwaukee.

In addition, the group has presented the University of Wisconsin-Milwaukee with a painting by Robert von Neumann entitled "Beaching the Dory" and a commemorative plaque which is fastened to the frame of the painting, valued at approximately \$256. (47-3169)

15. Union Special Machine Company, Chicago, Illinois, to establish "The Union Special Machine Company Scholarship in Engineering". One award in an amount equivalent to out-of-state tuition shall be granted annually to students who expect to enroll in Mechanical or Industrial Engineering the fall following the date of their application. The awards are subject to renewal until graduation if satisfactory scholarship is being attained. The selection of the recipients shall be made by the Fellowship and Scholarship Committee of the College of Engineering in consultation with the donor, subject to the approval by the College of Engineering. Preference shall be given to employees or children of employees of the Union Special Machine Company. Secondary preference shall be given to candidates living in Cook, Lake, McHenry and DuPage Counties of Illinois. (47-3170)

16. \$ 240.00 - The Budd Company, Philadelphia, Pennsylvania, an unrestricted gift, determined by the number of alumni of each institution now employed by the donor, to be added to the President's Special Fund. (Trust)

17. \$ 3,000.00 - Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, for the renewal of the Westinghouse Fellowship in Electrical Engineering during 1960-61, with \$2,000 to be used for the stipend to the recipient and \$1,000 to be used by the University for the support of the fellowship. (47-321)

EXHIBIT A

GIFTS:

GIFTS AND GRANTS

18. \$ 10.00 - Charitable, Educational and Scientific Foundation of the State Medical Society of Wisconsin, a gift made by Dr. Val V. Quandt, President Elect of the Washington County Medical Society, to be added to the Robert C. Gavin Memorial Loan Fund for Medical Students. (Student Loan)
19. \$ 100.00 - Lawyers Title Foundation, Richmond, Virginia, for the continuation of the "Lawyers Title Award" fund in the Law School. An award of an appropriate certificate and \$100 in cash (or in law books or other form as the University of Wisconsin may decide) as an honor and reward for excellence in the law of real estate shall be made annually to the senior or graduating student of law having the highest average in the courses on real property. (47-2983)
20. \$ 200.00 - Chamber Orchestra Society, Milwaukee, Wisconsin, a gift to finance newspaper advertising which may be deemed necessary in connection with the Chamber Orchestra Concert Series at the University of Wisconsin-Milwaukee. (47-3163)
21. \$ 1,000.00 - A. B., Dolly, and Ralph Cohen Foundation, Cincinnati, Ohio, given in support of the programs of the Cancer Research Division of the Department of Surgery - Medical School. (47-3164)
22. \$ 10.00 - Miss Eileen Iberg, Villa Park, Illinois, in memory of Ruth Schertzl, to be used in support of cancer research in the McArdle Memorial Laboratory. (47-327)
23. \$ 100.00 - North Central Wisconsin Florist Association, a contribution to be added to a fund established to support floricultural work in the Department of Horticulture. (47-920)
24. \$ 200.00 - Markesan Joint Fund Drive, Markesan, Wisconsin to be used in support of cancer research in the McArdle Memorial Laboratory. (47-327)
25. \$ 500.00 - Berlin Community Chest, Inc., Berlin, Wisconsin, to be used in support of cancer research in the McArdle Memorial Laboratory. (47-327)
26. \$ 100.00 - Daughters of Demeter, Madison, Wisconsin, to be added to the Daughters of Demeter Student Loan Fund.

EXHIBIT A

GIFTS AND GRANTS

GIFTS:

27. \$ 250.00 - Herman W. Falk Memorial Foundation, Inc., Milwaukee, Wisconsin, for the support of a scholarship program at The University of Wisconsin-Milwaukee. (47-2811)
28. " Esso Research and Engineering Company, Linden, New Jersey, a gift in support of a predoctoral fellowship in the Department of Chemical Engineering for the year 1960-61. The fellowship shall be given to a graduate student who has completed at least one year of graduate work, and the stipend shall be \$1,800 for a recipient who is single or is married without children, and \$2,400 if the recipient is married and has one or more children. In addition, the grant includes payment of tuition and fees, plus \$1,000 to the Chemical Engineering Department. (47-2399)
29. \$ 100.00 - Otto J. Zobel, Morristown, New Jersey, a contribution in memory of the late Mrs. L. R. Ingersoll, to be added to the L. R. Ingersoll Memorial Fund. (Trust)
30. \$ 10.00 - Mr. and Mrs. George E. Mowry, Los Angeles, California, a contribution in memory of the late Professor Howard Beale, to be added to the Friends of the University of Wisconsin Library Fund. (47-822)
31. \$ 900.00 - Grainger Charitable Trust, Chicago, Illinois, to be added to the Grainger Charitable Trust Scholarship-College of Engineering. (47-2441)
32. \$ 5.00 - Mary C. Sollie, Ashland, Wisconsin, given in memory of the late Mrs. Martha Nehmer, Madison, Wisconsin, to be used at the discretion of the Director of the Library School. (47-3094)
33. \$ 25.00 - Smith, Kline & French Foundation, Philadelphia, Pennsylvania, given under the Smith Kline and French Foundation corporate Alumnus Program, for use at the discretion of the Dean of the School of Pharmacy. (47-2286)

EXHIBIT A

GIFTS AND GRANTS

GIFTS:

34. United States Rubber Company, Wayne, New Jersey, for the continuation of a predoctoral fellowship in chemistry for the year beginning July 1, 1960. The fellowship shall be called "United States Rubber Company Postgraduate Fellowship in Physical and Engineering Science" and the recipient shall be any male citizen who is a candidate for a Ph.D. degree and who is actively engaged in research. The fellow will receive \$1800 per annum if single, or married and having no children under school age; or \$2100 if married with children under school age. The University will receive an amount equal to tuition and laboratory fees, plus \$600 to be used for any scientific purpose by the Chemistry Department. (47-725)

35. \$ 153.53 - Cheever Memorial Loan Fund, representing repayments of loans made against the above discontinued fund, to be added to the Cheever Alumni Fund as approved by the Regents on May 9, 1959. (Loan Fund)

36. \$ 500.00 - The Trubek Fund Incorporated, East Rutherford, New Jersey, a gift to be used for the support of the New Idea or any other undergraduate magazine which may succeed the New Idea. The gift is to be used in the following ways:

- (a) \$300 to be put in reserve to cover unusual expenses or deficits.
- (b) \$200 to be used for any purpose, other than ordinary expenses, which the staff of the New Idea feels will encourage and improve undergraduate writing and intellectual awareness, or for any purpose which will aid the New Idea in effecting these goals. Any part or all of the \$200 may be added to the reserve fund set up by this gift if the staff wishes to use it in this way.

The Student Financial Advisor shall be responsible for the administration of this gift. (47-3166)

37. \$ 75.00 - David B. Parkinson, Cleveland Heights, Ohio, to be added to the L. R. Ingersoll Memorial Fund. (Trust)

EXHIBIT A

GIFTS:

GIFTS AND GRANTS

38. \$ 1,200.00 - J. W. Hewitt Machine Company, Inc., Neenah, Wisconsin, to be added to the Jack Hewitt Scholarship Fund to provide scholarships for male undergraduate students in accordance with the terms and conditions approved by the Regents on September 12, 1953. (47-1001)
39. \$ 10,000.00 - Memorial Union Building Association, Madison, Wisconsin, to cover architectural services in connection with the planning of the new cafeteria-kitchen addition to the Memorial Union Building. (47-373)
40. \$ 1,350.00 - Owens-Illinois Glass Company, Toledo, Ohio, to continue the Owens-Illinois scholarships in the College of Engineering during the second semester of 1959-60. (47-2197, \$800; President's Special Fund (Trust), \$550.00.)
41. \$ 50.00 - The University of Wisconsin Women's Club of Detroit, Michigan, to be added to the University of Wisconsin, Women's Club of Detroit Student Loan Fund. (Student Loan)
42. \$ 500.00 - American Society for Metals Foundation for Education and Research, for the renewal of an undergraduate scholarship in metallurgy or metallurgical engineering, during the 1960-61 academic year. (47-2986)
43. \$ 2,500.00 - Sinclair Research Laboratories, Inc., New York City, for the continuation of the Sinclair Fellowship in Chemical Engineering for 1960-61. A fellowship of \$1500 shall be made available over a period of an academic year or a calendar year to a Chemical Engineering student who is pursuing work either for a Master's or Doctoral degree. The remaining \$1,000 is to be used for tuition, laboratory fees, special equipment, etc., to implement the fellowship. Funds not expended at the termination of any ten or twelve month period shall be used for the support of scientific work in the Department of Chemical Engineering. (47-233)
44. \$ 100.00 - Wausau Paper Mills Foundation, Inc., Wausau, Wisconsin,
100.00 - Whiting-Plover Paper Co., Stevens Point, Wisconsin,
\$200.00 - contributions to be added to the fund for the Economics-in-Action Program. (47-1041)

EXHIBIT A

GIFTS AND GRANTS

GIFTS:

45. \$ 106.00 - Chamber Orchestra Society of Milwaukee, Wisconsin, a gift to finance newspaper advertising which may be deemed necessary in connection with the Chamber Orchestra Concert Series at the University of Wisconsin-Milwaukee. (47-3163)
46. \$ 100.00 - First Wisconsin Foundation, Inc., Milwaukee, Wisconsin,
300.00 - Appleton Coated Foundation, Inc., Appleton, Wisconsin,
\$400.00 - contributions to be added to the fund for the Economics-in-Action Program. (47-1041)
47. \$ 2,000.00 - University of Wisconsin Foundation, a gift from the George K. Tallman Trust, Janesville, Wisconsin, to be added to the George K. Tallman Scholarship Fund in accordance with the conditions of the fund previously approved by the Regents. (47-433)
48. \$ 829.50 - University of Wisconsin Foundation, Madison, Wisconsin, gifts received from members of the Class of 1917 to establish the Eleanor Ramsay Conlin Memorial Fund, to be administered in accordance with the conditions listed below.
1. The money will be loaned to graduate and undergraduate students attending the University of Wisconsin, Madison Campus.
 2. The Loan Fund will be administered by the University Committee on Loans and Undergraduate Scholarships or any other authority designated by the University of Wisconsin in the event that the aforesaid Committee is dissolved.
 3. Interest on loans shall be determined by the Committee on Loans and Undergraduate Scholarships or any other authority designated by the University of Wisconsin in the event that the aforesaid Committee is dissolved.
 4. In the event that the University of Wisconsin feels that this Loan Fund is no longer necessary, the principal and all interest derived from the use of the principal be transferred and placed for use in the Class of 1917 Memorial Scholarship Fund.
 5. Additional contributions may be made to this fund. (Loan Fund)

EXHIBIT A

GIFTS AND GRANTS

GIFTS:

49. \$ 5,156.00 - Alumni and Friends of the Medical School, contributions to be added to the Medical Library Building Fund. (Trust)

EXHIBIT A

GIFTS AND GRANTS

GRANTS:

1. \$ 2,800.00 - American-Saint Gobain Corporation, Pittsburgh, Pennsylvania, a grant in support of Solar Energy Research during the period March 1, 1960 through February 28, 1961 - Department of Mechanical Engineering. (47-3174)
2. \$ 29,700.00 - Life Insurance Medical Research Fund, New York, for the support of research in the Institute for Enzyme Research on intermediary metabolism with particular reference to heart muscle during the period July 1, 1960 to June 30, 1963. (47-3173)
3. \$ 2,000.00 - Oscar Mayer and Company, Madison, Wisconsin, a grant to sponsor research into the sales and profit effectiveness of advertising, to be done under the direction of the Dean of the School of Commerce. (47-3168)
4. \$ 10,278.00 - American Council of Learned Societies, New York, a grant toward support of an Institute for Secondary School Latin Teachers, to be held during the summer of 1960 - (Letters and Science) (47-3158)
5. \$ 500.00 - United States Rubber Company, New York, for the support of research on the use of maleic hydrazide on tobacco fields - College of Agriculture. (47-3159)
6. \$ 9,000.00 - State Department of Nurses, Madison, Wisconsin, a grant to assist with the expansion program in nursing education in the School of Nursing. (47-2749)
7. \$ 4,240.00 - Rail Steel Bar Association, Chicago, Illinois, for the support of research during the period February 1, 1960 to October 31, 1960, entitled "The Evaluation of Welded Rail Steel" - Department of Mechanical Engineering. (47-3161)
8. \$ 550.00 - Kimberly Clark Corporation, Neenah, Wisconsin, a grant to be used for the development of a pilot course in pre-retirement education by the University Extension Division. The fund shall be used to defray the expenses of travel, salary and instructional materials. (47-3165)

EXHIBIT A

GIFTS AND GRANTS

GRANTS:

9. \$ 500.00 - California Spray-Chemical Corporation, Moorestown, New Jersey, for the support of an industrial research project during the period April 1, 1960 to March 31, 1961, having for its purpose the evaluation of Phaltan and captan for control of diseases of small fruits, especially fruit rots of cranberries - Department of Plant Pathology. (47-3162)
10. \$ 1,000.00 - Upjohn Company, Kalamazoo, Michigan, for the continued support of an industrial research project during the period April 15, 1960 to April 14, 1961. The research will have for its purpose the evaluation of Acti-dione, an antibiotic fungicide, for the control of orchard diseases, particularly leaf spot on cherries. Department of Plant Pathology. (47-2188)
11. \$ 1,860.00 - Milwaukee Public Schools, Milwaukee, Wisconsin, for the support of a workshop to be conducted at the University of Wisconsin-Milwaukee during the summer of 1960, designed to improve teaching skills for gifted and talented children. (47-3167)
12. \$ 2,500.00 - Phillips Petroleum Company, Bartlesville, Oklahoma, for continued support of an industrial research project having for its purpose a study of profitable rates of applying nitrogen fertilizer in relation to soil type and levels of available phosphorus and potassium, during the period ending May 1, 1960 - Department of Soils. (47-2606)
13. \$ 8,000.00 - The Rockefeller Foundation, New York, for support of research on the legislative process, during a one-year period beginning approximately September 1, 1960 - Department of Political Science. (47-3175)
14. \$ 6,000.00 - American Council of Learned Societies, New York, New York, for the support of a fellowship in the University of Wisconsin Institute for Research in the Humanities. (Letters and Science) (47-3177)

EXHIBIT A

GIFTS AND GRANTS

GRANTS:

15. National Institutes of Health, Bethesda, Maryland,
to support the following research projects:
- 1) \$ 250.00 - A special fellowship allowance in research entitled,
"Biology and Vector Potentials of Black Flies"
for the period August 17, 1959 through August 10,
1960 - Department of Entomology. (EF-10, 649)
(484-3077)
 - 2) \$ 18,400.00 - "Comparative Circulatory Physiology - Altitude
Studies" for the period May 1, 1960 through
April 30, 1961 - Department of Physiology.
(H-4450(C1)) (484-3078)
 - 3) \$ 500.00 - "Adenine Nucleotides in Heart Mitochondria"
for the period October 30, 1959 through October
29, 1960 - Department of Medicine. (HF-7707-C2)
(484-3076)
 - 4) \$ 13,225.00 - "Chemical Physiology of the Brain" for the period
April 1, 1960 through March 31, 1961 - Department
of Physiology. (B-818 (C5)) (484-3067)
 - 5) \$ 15,525.00 - "Trace Minerals in Neurological and Psychiatric
Illness" for the period April 1, 1960 through
March 31, 1961 - Department of Neuropsychiatry.
(B-1943(C1)) (484-3068)
 - 6) \$ 13,800.00 - "Biosynthetic Activities of Leukemic Cells in
Vitro: for the period April 1, 1960 through
March 31, 1961 - Department of Medicine.
(CY-3936 (C2)) (484-3069)
 - 7) \$ 23,000.00 - "Biochemical and Pharmacological Studies in
Cancer Chemotherapy" for the period April 1,
1960 through March 31, 1961 - Department of
Oncology - McArdle Memorial Laboratory.
(CY-2832 (C4)) (484-3071)
 - 8) \$ 500.00 - A grant in support of Training in Enzyme Chemistry
for the period October 1, 1959 through September
30, 1960 - Institute for Enzyme Research. (AF-7006-
C2) (484-3070)
 - 9) \$ 57,996.00 - A training grant in Clinical Neurology for
the period April 1, 1960 through March 31, 1961 -
Department of Neurology. (2B-5098(C3)) (484-3074)

EXHIBIT A

GIFTS AND GRANTS

GRANTS:

16. National Science Foundation, Washington, D.C., to support the following research project:
- 1) \$30,600.00 - "Evolution and the Genetics of Populations" for a period of approximately three years - Department of Genetics. (G11336) (484-3073)

GIFTS AND GRANTS
SUPPLEMENTAL INFORMATION

March 1960

	<u>March 1960</u>	<u>March 1959</u>
Research	\$ 169,441.50	\$ 225,920.00
Instruction	79,684.00	170,942.00
Physical Plant	15,166.00	22,007.41
Student Aid	30,148.03	22,367.00
Unrestricted	240.00	80.00
Miscellaneous	3,886.00	19,004.40
Gifts in Kind	456.00	1,500.00
Library	<u>61.75</u>	<u>260.00</u>
Totals, March	\$ 299,083.28 (1)	\$ 462,080.81 (2)
Previously Reported	<u>10,927,447.76</u>	<u>5,749,079.82</u>
	\$ 11,226,531.04	\$ 6,211,160.63

(1) Includes \$173,796.00 from Federal Agencies.

(2) Includes \$237,492.00 from Federal Agencies.

SUPPLEMENTAL LIST OF GIFTS

EXHIBIT A-1

GIFTS:

50. \$ 24,443.07 - Mrs. Mabel M. Bleck, Milwaukee, Wisconsin, a gift to establish the Mabel M. Bleck Memorial Cancer Research Fund, to be used for research only at the direction of the Director of the Cancer Research Division, Department of Surgery, Medical School. (47-3178)

(Accepted by the Secretary of the Regents March 2, 1960, in accordance with Regent Action of January 12, 1957.)

REPORT OF THE VICE PRESIDENT - BUSINESS AND FINANCE

to the

BOARD OF REGENTS

March 12, 1960

EXHIBIT B

I. Report of Actions Taken by the State Building Commission on February 23, 1960, Affecting the University

1. Approved remodelling, renovation, and replacement of equipment in the following University dormitories at the estimated costs indicated, chargeable to the University Residence Halls revolving fund:

<u>Project</u>	<u>Estimated Cost</u>
Tripp and Adams Halls (Dormitories)	\$250,000.00
Barnard Hall (Dormitory)	140,000.00
Van Hise Hall (Kitchen and Dining Hall)	365,000.00
	<u>\$755,000.00.</u>

2. Allotted \$145,000.00 for equipment of the Fox River Valley Center, Menasha.
3. Approved, subject to the providing of the necessary funds by the Federal Government, construction of an instrument shelter and appurtenant facilities at Pine Bluff, at an estimated cost of not to exceed \$50,000.00, to be used for the conduct of research for the Federal Government.
4. Approved preparation of preliminary plans for an addition to the Student Union Building at the University of Wisconsin - Milwaukee, at an estimated cost of \$15,000 available in the revolving appropriation for auxiliary enterprises at U.W.-M. (Total estimated cost of the facility - \$1,000,000.00 - capital funds for construction to be borrowed through the Wisconsin University Building Corporation or the Wisconsin State Agencies Building Corporation, and student fees used to amortize the loan.)
5. Took no action on Regents' request to purchase properties in campus expansion area from Wisconsin University Building Corporation, but expressed rather strong objections to the proposal and suggested that further study should be given to the matter before any funds are appropriated for this purpose.

EXHIBIT B

II. Report of Actions Taken - Contracts and Leases with United States Government for research work, educational programs and services requested by the Government for military personnel and veterans

<u>Agency</u>	<u>Contract No.</u>	<u>Mod. No.</u>	<u>Addnl. Funds Provided</u>	<u>Termination Date</u>	<u>Department</u>	<u>Fund No. (484)</u>
<u>ARMY RESEARCH</u>						
1. Chemical Center Procurement Agency	DA18-108-CML-5753	11	(Overhead Adj.)	6/30/59	Pharmacy	2014
2. Chicago Ordnance District	DA-11-022-ORD-1851	4	(Overhead Adj.)	6/30/58	Mathematics	2018
3. Chicago Ordnance District	DA-11-022-ORD-1493	6	(Overhead Adj.)	6/30/58	Physics	816
4. Chicago Ordnance District	DA-11-022-ORD-1158	7	(Overhead Adj.)	12/31/57	Chemistry	752
5. Chicago Ordnance District	DA-11-022-ORD-1224	8	(Overhead Adj.)	12/31/58	Physics	748
6. Signal Supply Agency	DA-36-039-SC-80282	1	\$95,520	6/30/61	Meteorology	2837
<u>NAVY RESEARCH</u>						
7. Office of Naval Research	Nonr-1202(06)	3	\$ 1,500	12/31/59	Geography	2438
<u>HEALTH, EDUCATION & WELFARE RESEARCH & INSTRUCTION</u>						
8. Office of Education (Language and Area Center in Hindi and Telugu)		--	\$40,791	6/30/61	Pol. Science	3080
9. Office of Education (Summer Institute for Secondary School Teachers of French and Spanish)	SAE-8561	--	\$86,650	10/31/60	Spanish & Portuguese	3052
10. Public Health Service (Rheumatic Fever Study)		--	\$ 2,000	1/31/62	State Lab. of Hygiene	3081

II. Report of Actions Taken - Contracts and Leases with United States Government (Contd.)

<u>Agency</u>	<u>Contract No.</u>	<u>Mod. No.</u>	<u>Addnl. Funds Provided</u>	<u>Termination Date</u>	<u>Department</u>	<u>Fund No. (484)</u>
<u>MISCELLANEOUS: RESEARCH, SERVICE, INSTRUCTION</u>						
11. International Cooperation Administration	ICAc-1009 (India Contract)	2	(Reimbursement of certain travel costs)	7/19/62	Engineering	2889
12. Armed Forces Institute	P.O. IE-47-043-444-60	--	\$3,108.33 (Furnishing of text- books)	--	Extension	--
13. Armed Forces Institute	P.O. IE-47-043-485-60	--	\$4,178.24 (Furnishing of text- books)	--	Extension	--

III. Report of Actions Taken - Memorandum Agreement - U.W. Press (Pursuant to Regent Authorization of March 14, 1942)

(See Exhibit B-1, attached)

IV. Budget Transfers

(See Exhibit B-1, attached)

Memorandum Agreements - University of Wisconsin Press

Title of Publication

The Final Belief: A Study of the Novels
of Elizabeth Bowen

Author

William W. Heath

EXHIBIT B-1

Budget Transfers

<u>Date</u>	<u>Amount</u>	<u>From</u>	<u>To</u>	<u>Purpose</u>
2-17-60	\$3,000.00	1-41 President's Unassigned	1-41 School of Education Sup & Exp, Instr.	Video recording tapes
2-23-60	995.00	1-41 President's Unassigned	1-41 UW-Milwaukee, Sup & Exp, Phy. Plant	Installation cost of a fire alarm system 2nd floor Wis- consin Tower Building
2-23-60	3,500.00	483 College of Agriculture Sal & Wages, Ext & Public Service	483 College of Agriculture Equipment, Ext and Public Service	Purchase replacement print- ing equipment
2-24-60	800.00	1-41 Summer Session Sal & Wages, Instr.	1-41 Summer Session Sup & Exp, Instr.	Publication cost of Summer Session catalog
2-24-60	4,930.00	1-41 Buildings & Grounds, Sup & Exp, Phy. Plant	1-41 Buildings & Grounds, New Const., Phy. Plant	Widening Observatory Drive
2-25-60	17,000.00	1-41 President's Unassigned	1-41 UW-Milwaukee Equipment, Phy Plt	Purchase Rollaway bleacher seats for UW-M Field House
3-7-60	80.00	1-41 President's Unassigned	1-41 Law School Equipment, Instruction	File cabinet for faculty representative of the Big Ten

President's Unassigned Balance \$6,685.75

EXHIBIT B-1

March 12, 1960

The University of
Wisconsin-Milwaukee

S K E T C H P L A N

The first stage in the
development of a General Plan
for the Kenwood Campus

Department of Planning &
Construction
Planning Section
819 Irving Place
Madison 6, Wisconsin

Recommended development policies
approved by the Milwaukee Campus
Planning Committee on March 3, 1960

Exhibit C

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(Approved by the Board of Regents on June 14, 1956)
- C. Progress Report of the Committee on the Future of UW-M.
(Approved by the Board of Regents on November 27, 1959)
- D. Report by Special Committee on Land Needs as they Relate to Recreational, Physical Education, and Athletic Programs.
(Approved by the Board of Regents on August 3, 1959)
- E. Report of the Committee on Location of the Campus Elementary School.
(Approved by the Board of Regents on February 25, 1960)
- F. Bibliography (not included in this copy)

I. INTRODUCTION

The University of Wisconsin-Milwaukee was created in 1956 by merging the Wisconsin State College in Milwaukee and the University Extension Division in Milwaukee. This merger was a result of State legislation passed in 1955. The summation of the actions leading to the merger are contained in a report by the 'Committee of Thirty' of January, 1957.

In the 'Committee of Thirty' report mentioned above, certain 'Principles and Policies' guiding the development of UW-M were stated. Among these was the statement, "In planning the educational program of the Milwaukee unit as well as providing for the social life of the students, it should be remembered that this unit will be primarily for students who live at home within commuting distance of the institution".

The Long-range Building Subcommittee of the 'Committee of Thirty' recommended that the site of the then Wisconsin State College (now Kenwood Campus) be the permanent site for the UW-M and that appropriate steps be taken to acquire adjacent property for expansion.

In May 1959 the University Board of Regents reaffirmed this site as the site for future development of the University of Wisconsin-Milwaukee.

The University Board of Regents also decided to purchase the Milwaukee Downer Seminary property as the first step in obtaining land for immediate expansion of the Kenwood Campus. This property is presently being acquired by the University.

The following report outlines basic planning principles and objectives, and summarizes analytical background material applied in translating academic and administrative policies, goals and programs into a long range physical plan for the development of the Kenwood Campus. Also, the various proposals shown on the plan are described and basic development policies are recommended for adoption in order to assure a consistent overall pattern in the development of the campus.

II. PLANNING PRINCIPLES AND GOALS

A. General Principles

Present day thinking and practice considers planning as a process of goal setting, policy formulation, and guidance and coordination of development based on a continuous study and analysis of the social, economic, technological and political forces which shape man's environment.

Under this concept a general plan for campus development will be neither a "site development plan" nor a "blueprint" for actual execution. Rather it should be regarded as a statement of physical growth objectives, principles, and policies applied to anticipated University needs and expressed in graphic form. It is from such a general plan that the more detailed area plans, the architectural site plans, and the detailed engineering and working blueprints subsequently emerge in a logical manner.

The primary goals of a general plan are:

1. To delineate specifically the form of physical environment determined to be the most desirable for the various activities of the University.
2. To provide a framework regulating the more detailed plans for future campus development.

To accomplish the goals enumerated, the General Plan must be:

1. Long range, endeavoring to shape the campus and its surroundings to accommodate needs as far ahead as can be safely predicted.
2. Comprehensive, including in its scope not only the entire geographic extent of the campus and its surroundings but also the physical elements implementing all aspects of student, faculty and staff endeavor.
3. Flexible, so that it can be adjusted to the ever altering needs and conditions of the University and anticipate the future in terms of the best concept of the time.
4. General, suggesting only in broad terms the quantity, quality, and location of all major features.

The development of a long range general campus plan can logically be divided into three steps:

1. Stage 1, The Sketch Plan, which is the primary subject of this report;
2. Stage 2, The Tentative (or working) Plan, which is based on the policies outlined in the Sketch Plan and which encompasses in preliminary and analytical fashion all the elements of the General Plan; and

3. Stage 3, The General Plan itself, which represents a synthesis and coordination of proposals and recommendations crystallized during the Tentative Plan stage.

B. The Sketch Plan

The primary objective of the Sketch Plan is to show in very broad terms major planning objectives in order to establish basic development policies. Thus the Sketch Plan for the development of the Kenwood Campus should indicate, graphically and analytically, where and how the University should develop, indicate how existing features which have or may become deterrents to proper future development may be corrected, and indicate the studies and research required for the preparation of the detailed General Plan. Within this broad framework of the overall conception of the development of the University there should be a flexible plan to meet the demands of change.

From this plan come the statements of basic principles and policies which are required for the preparation of the more detailed successive stages of the General Plan.

The above primary objective of the Sketch Plan is illustrated through certain specific planning principles applied in the development of the Sketch Plan for the University of Wisconsin-Milwaukee. These principles are:

1. That the physical development of the UW-M will express the character of the University as well as establish an identity singular to the UW-M.
2. That despite any physical limitations of the Kenwood Campus site, expansion of physical facilities and enrollment will be provided for in the Sketch Plan.
3. That the campus development of the UW-M should be organized into functionally related academic and non-academic groupings.
4. That the creation of an aesthetically stimulating and beautiful campus environment is of primary importance in the preparation of campus development plans for the UW-M.
5. That conflict between pedestrian and vehicular circulation will be eliminated and pedestrian and vehicular circulation will be separated insofar as possible.
6. That adequate parking facilities will be developed in locations consistent with a safe and effective circulation system.
7. That such non-university operated service facilities as are needed to meet the requirement of a large student, faculty and staff body will be provided within the planning area.
8. That the Sketch Plan prepared for UW-M will be flexible to allow initial implementation of the plan in stages without compromising or restricting policy decisions affecting the preparation of the comprehensive development plan.

9. That the Campus is not an isolated entity of its own but an integral part of its neighborhood requiring a coordination of planning beyond the legal description of meets and bounds of the campus.

III. BACKGROUND STUDIES AND PLANNING ASSUMPTIONS

A. Nature of the University of Wisconsin-Milwaukee

In conjunction with the merger of the Wisconsin State College and the University Extension Division into the University of Wisconsin-Milwaukee, the Board of Regents of the University adopted several basic principles and policies outlining the nature of the UW-M, the programs to be offered and the relation of the UW-M to the University at Madison. The various actions taken during the transitional period of the merger are recorded in "A Summary Report of the University of Wisconsin-Milwaukee". Two of the most important actions from a planning point of view are reproduced in full as appendices to this report. These are a statement on "Principles and Policies" adopted by the Board of Regents on May 12, 1956 (Appendix A) and a "Report to Steering Committee on Site for University of Wisconsin-Milwaukee" adopted by the Board of Regents on June 14, 1956 (Appendix B).

During the past year an ad hoc faculty committee on the future of UW-M has given intensive study to the role of UW-M within the University of Wisconsin, to its academic programs, to the inter-relationships between UW-M and the Community in which it is situated, and to the development of its physical plant. This committee has released an interim report for discussion purposes on November 27, 1959. The text of this report is reproduced in full as Appendix C.

The above documents have in large measure established the goals of the UW-M and laid the framework for the following two basic assumptions used in the preparation of the Sketch Plan:

1. The University of Wisconsin-Milwaukee will be primarily an urban university serving the rapidly growing needs for higher education in Wisconsin's southeastern Lake Shore Region.
2. It will develop its academic programs and fields of emphasis separate and distinct from the University of Wisconsin at Madison.

B. Enrollment Potential

One of the most difficult tasks in the planning for a new institution is the establishment of reasonably reliable enrollment estimates. In the case of UW-M enrollment figures are available only for the past four years which is too short a period to be of much use for projection purposes (Tables B-1 and B-3). In addition, a great number of other uncertainties enter into the picture, e.g. program development, reputation, regional economic factors, speed of development of commuting facilities e.g. expressways and rapid transit, and last but not least the availability of physical facilities at the University and the speed with which such facilities can and will be developed.

At the suggestion of the Planning Office, Professor L. J. Lins, Coordinator of Institutional Studies, made an analysis of enrollment and enrollment potential for the UW-M. In this analysis new freshman enrollment projections were based upon the 17-19 year old Milwaukee County age

pool weighted according to the proportion of 17, 18, and 19 year olds in the present freshman class. Correction was made for the average increase in the percentage of new freshman students enrolled during the past five years, at the U.W.-Milwaukee or the two colleges prior to the merger, as compared with the total new freshman enrollment in all of the Milwaukee colleges. The projection of total students was based upon the retention rate from class to class.

Further, it assumed the primary service area will continue to be Milwaukee County, mortality and migration during the 1956 to 1958 period is representative of mortality and migration during the forecast period, there will be no increase in the relationship between the total new freshman enrollment in all Milwaukee colleges and the weighted 17-19 year olds in Milwaukee County, there will be no new major academic programs added or major changes in the present programs, there will be no major economic or Selective Service changes, there will be no new colleges established in the Milwaukee County area and that adequate facilities and staff will be provided at the University of Wisconsin-Milwaukee as required.

Table B-4 gives the projected annual increase in enrollment potential up to 1975, when approximately 20,000 students might attend the University. Based on this analysis the Sketch Plan has been designed to accommodate this number of students. However, it is assumed that in the following planning stages more accurate estimates can and will be developed.

C. Campus Development

As stated before, the decision to locate the UW-M on the site of the former State College in the Kenwood neighborhood was made during the proceedings in conjunction with the establishment of UW-M. This was recommended by a faculty committee which, as evidenced in its report (Appendix B), did recognize the limitations in the size of the selected site but also the advantage of vacant land for immediate construction purposes while retaining the use of existing facilities some of which were only a few years old.

In addition to the main campus which consists of 30.5 acres in the southern portion of the two superblocks bounded by Downer Avenue, Kenwood Boulevard, Cramer Street and Hartford Avenue, the University owns some scattered properties to the east of the main campus, and is in the process of acquiring the Downer Seminary property, 8.6 acres, located to the North of the eastern half of the main campus and contiguous to it. This property will become available on July 1, 1961. Table A gives a breakdown of how this land is presently used for various purposes and Map A-1, Existing Land Use, shows the location of the various university owned properties.

In the above calculations no reference has been made to the downtown campus. It is assumed that the downtown campus will be abandoned for undergraduate instruction and might be retained solely for adult education, extension services and specialized research. Therefore, the downtown campus and its facilities are excluded from the Sketch Plan.

In establishing guidelines for the expansion of the Campus in order to accommodate the needs of a student body of some 20,000 students, several studies were made and plans for a great number of other universities were examined. These studies revealed that no standards for a ratio of land to students are available and that there is a very wide range in the recommendations for campus size. This can best be illustrated by the following two statements which represent opposite extremes in the material analysed:

1. From the Architectural Forum, July 1959:
(page 113)

"Wayne State University master plan forms an urban landscape by using a sequence of small courts reaching off of a main spine. Buildings cover 60 percent of the land. High coverage and a rectilinear court plan fit the large university (37,000 students are expected by 1970) into 63 available acres."

2. From "Report of a Survey of the Need for Post-High School Education in the Lake Shore Area of Wisconsin" by the American Council on Education, July 1950: (page 88)

"In view of an anticipated enrollment of 5000 by 1957 with a very probable enrollment of 10,000 by 1967, the Survey Staff recommends a minimum site of 260 acres of usable land. If a greater area is available at reasonable cost per acre a larger area up to one full section*/ might be a wise acquisition."

In developing its recommendations for campus size and for the intensity of land utilization the planning staff made, therefore, the following basic assumptions:

1. Since the first planning assumption stated the UW-M was to be an urban university, low density of development obtained by a resident university as the University at Madison would not be applicable in Milwaukee.
2. Land values and general neighborhood planning should be given high priority in determining expansion directions.
3. A detailed study should be made of the development potential of the existing main campus including the Downer Seminary property. This study should be made concurrent with Sketch Plan work in order to establish a basis for holding capacity calculations.
4. The above detailed plan for the main campus or core area should be based on principles of function and design rather than standards of land coverage and building height. Also it should reflect the singularity of the university and its site.
5. Existing uses and facilities should not interfere with long range planning objectives.

*/ 640 Acres.

6. No major spectator sports facilities for intercollegiate athletics should be developed at the Kenwood campus. If such activities develop in the future it would seem reasonable to have them use existing public facilities in the Milwaukee area.
7. No provision would be made in the Sketch Plan to estimate land needs or indicate areas for major research programs or specialized instructional programs such as medicine or law. If such programs develop special studies should be made for locating them outside the areas indicated in the Sketch Plan.

D. Circulation and Parking

During the formative stages of the Sketch Plan a great number of studies were made in order to establish basic assumptions for the layout of circulation facilities in the Kenwood neighborhood and for estimating future parking demand. Map A-3 shows existing traffic volumes and parking facilities in the university area. These analyses led to a series of assumptions as follows:

1. No change would be proposed in the existing street system nor would any major adjustments be required in the City's Master Plan for thoroughfares.
2. Traffic control at the intersections of primary and/or secondary thoroughfares should be handled with the help of traffic signals.
3. The private automobile would increase its share as the primary mode of travel from 47% at present to 55% by 1975.
4. Off street parking should be provided in large concentrated parking areas located within easy access from major traffic routes. The capacity of these parking areas should accommodate the regular parking demand generated by the University. Only such heavy peak loads of short duration for which parking could not be provided on an economically sound basis would be causing an overspill of parked vehicles on the streets surrounding the campus.

E. Student and Faculty Housing

Studies made by the Planning Staff indicate that, at present, only 462 students of a total enrollment of over 5000 change their residence while attending the UW-M. Most of these students come from areas outside a normal commuting distance and, naturally, try to find accommodations near the campus. The University houses about 150 of these students in its present dormitory system. The rest have had little or no difficulty in finding accommodations in private homes or apartments within the Kenwood neighborhood.

Studies of the neighborhood have indicated that a great housing potential is available for providing good accommodations within a reasonable price range to a substantially greater number of students. Also, there is a great variety of dwelling unit types and sizes available not only to meet a potential demand for married student housing but also to accommodate the needs of an increasing faculty and staff.

The present distribution within the neighborhood of locations of residence of university affiliated personnel and students is shown on Map A-4, University Affiliated Population.

Based on these studies and because of the commuter's nature of the University, it is assumed that no major University operated housing should be provided at this time. Furthermore, these studies show that only a significant change in the present composition of domicile of the student body would necessitate a reconsideration of the above assumption.

F. Impact on Kenwood Neighborhood

In previous sections of this report reference has been made to the impact the development of a major university will have on the neighborhood in which it is located. Not only will the physical expansion of the campus affect the surrounding area but the great increase in university population will also bring about a drastic change to many aspects of neighborhood life. Some of the changes are already in evidence, e.g. the increasing number of automobiles circulating on formerly quiet residential streets and parking along the curbs. This factor alone has caused great concern among the residents of the area and has resulted, at times, in strained community relations.

However, several other problems will result from University growth. There will be pressure for additional commercial development in the vicinity of the campus and, as indicated before, the character of residential development will change in the future.

Studies made by the Association of American Universities ^{1/} indicate that urban universities often exercise a blighting influence on their surroundings. If no attempts are made to control such influence through comprehensive planning, this will become true also in the Kenwood neighborhood. To prevent the undesirable effects generated by the University's growth it will be mandatory to coordinate campus planning efforts with a comprehensive program for planning the neighborhood as a whole. This can only be done as a collaborative effort involving, in addition to the planning agencies of the University and the city of Milwaukee, the other institutions of the area and the various neighborhood groups which represent the residents of the area.

No attempt will be made in the Sketch Plan to solve in detail any of the above complex problems. The purpose of the Sketch Plan is to establish the University's internal development goals and to indicate in broad terms the course of action most desirable to the University, taking in account existing or easily recognizable factors of importance to the neighborhood as a whole. The full impact of the University's expansion should be analysed in detail during later stages of general plan development.

1/ American Association of Universities; "Study of Neighborhood Problems of Urban Universities" October 1958, (mimeo draft, pp i & 24)

IV. ELEMENTS OF THE SKETCH PLAN

A. Long Range Development

Based on the principles, studies and assumptions outlined in the preceeding chapters, the following statements are the basis for the recommendations for long range development of the Kenwood Campus, as graphically illustrated on the various Sketch Plan maps.

1. Land Use and Campus Expansion

The basic objectives in the proposed layout for the UW-M Campus are two fold. First, the development of a land use pattern which would allow for maximum flexibility in internal use change, and second, the establishment of a centrally located instructional core to allow for possible expansion in the more distant future without interference to the functional patterns established within the core. This instructional core, hereafter, will be referred to as the Core Area.

These two objectives are met in the proposed Land Use and Circulation plan in the following manner:

- a. The present main campus including the Downer Seminary property should be developed into a high density academic core of the University restricted in the main for facilities serving the basic undergraduate programs in the College of Letters and Science, the School of Education, the School of Commerce and the College of Engineering. In addition, the Main Library, the Student Union and the General Administration Center should be located within the Core Area.
- b. It is recommended that all low intensity facilities now located within the Core Area be relocated and their buildings be removed. The following facilities fall into this category: The Baker Field House, the Plant Maintenance Center, the Campus Elementary School, and the Physical Education track and fields.
- c. The academic core should be augmented through the acquisition of following areas: The Milwaukee University School and adjacent properties and the Hartford Avenue School located to the North of the Core Area, and a one block area to the East of the Core Area across Downer Avenue. These areas should be designated as academic reserve areas.
- d. Parking is excluded from the Core Area with the exception of a limited amount of restricted convenience parking in conjunction with service courts only.
- e. Parking should be developed to the west and to the south of the Core Area. Initially these areas should be used as surface lots. Any decision to construct multideck ramps at these locations should be evaluated in the light of actual development of the

University and its expansion outlook at that time. If necessary, these areas could be converted into academic use and new parking facilities could be developed farther from the Core Area.

As shown on the Land Use and Circulation plan the proposed arrangement will make it possible to expand the campus in any or all of four directions without extending it unduly in a single direction. Whatever shape would ultimately result from such expansion, a cross-shaped, a T-shaped or an L-shaped campus, the Core Area would remain in a central location providing a consistent pattern of functional relationships and on-campus circulation.

As mentioned before it is assumed ~~that~~ no major University operated student housing would be required. The plan does not, therefore, indicate any areas for such use. However, if a demand for such housing would arise, land could be acquired either to the east on the Lake or to the west on the River. Both locations would provide an excellent setting for student housing and would adjoin large recreational areas.

With the exception of the physical education facilities which are proposed to be relocated to the western end of the campus between Oakland Avenue and the Milwaukee River, no new locations are shown for the University's Service Center or the Campus Elementary School. It is believed that special studies for the relocation of these facilities should be made during later stages of plan development.

The proposed expanded campus encompasses approximately 106.7 acres compared to a total of 35.6 acres presently occupied by the University (Table A). This represents an increase of 71.1 acres or 200%.

The concurrent detailed study of the core area development and holding capacity indicates that the proposed campus can adequately accommodate the instructional and concomitant needs of a university enrollment of 20,000 students. A drastic change in the assumptions on which the plan is based would, of course, change this figure and necessitate a complete review of the plan. However, it is believed that the plan is sufficiently flexible to meet without significant change in its basic conception any adjustments which might be required as a result of changes in the policies, principles and programs governing the academic development of the University.

2. Circulation and Parking

The proposed circulation system is based on the City's Thoroughfare Plan and incorporates all of its recommendations for the Kenwood Neighborhood. According to that plan Oakland Avenue, Downer Avenue, and Lake Drive are the main North-South thoroughfares. Locust Street is the main East-West thoroughfare in this area. Maryland Avenue, from the south up to Locust Street, and Edgewood Avenue are shown as secondary thoroughfares.

The City's plan was prepared prior to the decision to locate the University in the Kenwood area. Because of this significant development which will generate a large amount of additional traffic in the area, the Planning Staff of the University is recommending that the following

additional street sections be designated as secondary thoroughfares: Maryland Avenue from Locust Street north to Edgewood Avenue, Hartford Avenue from Lake Drive to Oakland Avenue, and Kenwood Boulevard from Lake Drive to Oakland Avenue.

It is also recommended that the flow of traffic at the intersections be controlled through a coordinated system of traffic signals. This signal system should be developed in stages based on the growth of traffic volumes in the area.

The main problem in conjunction with traffic planning has been the problem for providing adequate terminal facilities for student, faculty and staff automobiles. Based on the assumption that there will be an increase in the relative number of students using automobiles for travel to and from the campus, but that the occupancy of automobiles would remain at the present ratio of 1.6 students in each vehicle, and that no significant change would occur in the established pattern of class scheduling, a tentative design capacity of 3850 parking spaces for a student body of 20,000 was developed (Table D-3). This number of parking spaces would accommodate all of the estimated parking demand except four morning hours on Mondays and Wednesdays. However, it should be noticed that the above design figure is based on a graphic analysis only and, in conjunction with the development of the General Plan, a more thorough analysis will be made of the economic feasibility of providing parking to this extent.

In addition to student parking it is estimated that approximately 1000-1200 parking spaces will be required for faculty and staff. Of this amount only about 1/4 - 1/3 can be provided in the Core Area of the campus. The rest would have to be developed in the two large parking areas indicated in the plan.

As all of the estimated parking demand can not be accommodated as surface parking in the areas indicated, the recommendation is to construct parking ramps at a later date in these locations. A decision to ramp these areas should be preceded by a re-evaluation of academic land needs in order not to block a logical expansion of the academic campus through parking structures.

3. Institutional District

The Sketch Plan establishes a tentative boundary for an Institutional District. As pointed out previously, a collaborative effort should be made to develop a comprehensive plan for this district. With the exception of indicating the most desirable location for university oriented commercial service establishments and the proposed adjustments to the City's Thoroughfare Plan, no attempt is made in the Sketch Plan to solve the problems generated by the growth of the University in this area. It is recommended that the University recognize the impact it will exercise on the future of the neighborhood and, therefore, should initiate a collaborative planning program for the area as a whole.

B. Intermediate Development

The plan for Intermediate Development has been prepared to facilitate a visualization of the various stages involved in implementing long range planning objectives.

The plan, as outlined, retains certain low intensity facilities within the Core Area and shows a temporary solution for physical education space needs until this activity can be relocated in the area shown on the Long Range Plan.

The plan outlines a campus of approximately 71 acres or about twice the size of the present campus. The land use table (Table A) indicates the suggested land allocations for various uses for the intermediate development stage in comparison to existing and long range allocations.

V. RECOMMENDED DEVELOPMENT POLICIES

In order to guide the development of the Kenwood Campus in accordance with the objectives, principles and proposals described in the foregoing chapters of this report graphically illustrated in the attached maps and plans, it is necessary to adopt certain basic development policies. Therefore, it is recommended that the UW-M Campus Planning Committee and the Board of Regents of the University adopt the following policy statements:

A. PURPOSE OF THE SKETCH PLAN

The purpose of the Sketch Plan is to provide the basis for determining general policies for the physical development of the UW-M campus and establish guidelines for consecutive more detailed planning stages.

B. INSTRUCTIONAL CORE AREA

The UW-M should develop its present land holdings in the area between Hartford Avenue, Downer Avenue, Kenwood Boulevard and Cramer Street, including the Milwaukee Downer Seminary property, into a primarily instructional core area as the focus of academic activity.

C. RELOCATION OF EXISTING FACILITIES IN LONG RANGE DEVELOPMENT

In order to facilitate the development of the academic core area certain special facilities should be relocated as follows:

1. Athletic and physical education facilities should locate in the area west of the core area between Newport Avenue, Bartlett Avenue, Linnwood Avenue and Cambridge Avenue.
2. A special study should be made to determine the most desirable future location for the laboratory school (Campus Elementary School)
3. The heating plant may need to be located in a new service center area. It is recommended that a special study be made to determine the functions, size and location of this center.

D. LAND ACQUISITION

In order to provide for future expansion of the campus, e.g., space for specialized instruction and research, three areas are indicated for acquisition in addition to the proposed areas for physical education and parking. These include the site of the Milwaukee University School which has announced its intention of relocating elsewhere, the site of the Hartford Avenue Elementary School and one city block east of the core area across Downer Avenue. The Milwaukee University School property should be acquired when available and property in the latter area, i.e., across Downer Avenue, should be acquired as soon as possible to meet the needs of special research and/or training programs which are unique to the Milwaukee campus. In addition, individual properties within the Institutional District as outlined should be acquired if offered to the University on favorable terms.

E. HOUSING

No new major University operated housing should be provided by the UWM at this time. However, the supply, demand and needs for student housing should be periodically examined.

F. PARKING

Off-street parking should be provided in three locations, a limited amount of convenience parking within the core area as shown in the Core Area Plan and in two major parking areas:

1. West of the core area between Hartford Avenue, Cramer Street, Kenwood Boulevard, Downer Avenue, Oakland Avenue.
2. South of the core area between Downer Avenue, Linnwood Avenue, Farwell Avenue and south of the Kenwood Boulevard churches.

G. INTERMEDIATE DEVELOPMENT

The Intermediate Development plan illustrates the staging of the Long-Range Development plan and provides short-term solutions to problems of special facilities. The solutions proposed for these problems are:

1. The Laboratory School. The laboratory school (Campus Elementary School) should be continued in its present location.
2. The Heating Plant. The heating plant will remain in its present location.
3. Physical Education. The University should continue to negotiate with Downer College to acquire or lease parts of the Downer College property for physical education use until a future site for physical education can be acquired, meanwhile continuing to use Baker Field House and the existing track and football field.
4. Academic Expansion. As will be noted in the recommendations for the Long-Range Development Plan, the area located east of Downer Avenue and indicated as academic expansion should be acquired as soon as possible.

H. INSTITUTIONAL DISTRICT

In order to prevent physical deterioration of the surrounding neighborhood and to assist in the solution of such neighborhood problems as services, traffic and parking, housing and commercial activities, it is recommended that University officials cooperate with City officials towards recognizing and establishing an official institutional district to effectuate neighborhood planning.

TABLE A

LAND USE

	Existing*	Intermediate Development	Long Range** Development
Academic	19.2	31.6	48.1
Non-Academic	2.7	9.3	13.9
Housing	5.1	4.9	----
Physical Education	8.6	13.0	30.9
Parking Outside Core Area	----	12.2**	13.8
Total Acres	35.6	71.0	106.7

* Figures do not include Downer Seminary and Uihlein property on Lake Drive.
 ** Includes possible street vacations.

ENROLLMENT AND PERSONNEL

1. Total Enrollment 1956-1959

	1956	1957	1958	1959
Day School	4375	4634	5066	5238
Special Students	88	101	125	131
Evening School	3033	3084	2997	3030
Graduate Students	347	548	679	848
Total	7843	8367	8867	9247

2. Faculty and Staff 1956-1959

	1956	1957	1958	1959
Faculty				
Full time	190		362	394
Part time	21	340	155	171
Total Faculty	211	340	517	565
Civil Service Staff	135	140	164	179
Grand Total	346	480	681	744

3. ENROLLMENT TRENDS 1956-1959

Origin	Students 1956	%	Students 1957	%	Change %	Students 1958	%	Change %	Students 1959	%	Change %
TOTAL UNDERGRADUATES*											
<u>Milwaukee Campus</u>											
Milwaukee County	3552	80.1%	3781	80.5%	+0.4%	4148	80.5%	0	4301	80.8%	+0.3%
Lakeshore Region	459	10.4%	511	10.9%	+0.5%	616	11.9%	+1.0%	657	12.4%	+0.5%
Rest of State	421	9.5%	405	8.6%	-0.9%	390	7.6%	-1.0%	360	6.8%	-0.8%
Total	4432	100.0%	4697	100.0%		5154	100.0%		5318	100.0%	
<u>Madison Campus</u>											
Milwaukee County	1741	17.0%	1549	15.5%	-1.5%	1458	14.6%	-0.9%	1534	14.9%	+0.3%
Lakeshore Region	1216	11.9%	1260	12.6%	+0.7%	1228	12.3%	-0.3%	1311	12.8%	+0.5%
Rest of State	7302	71.1%	7211	71.9%	+0.8%	7302	73.1%	+1.2%	7416	72.3%	-0.8%
Total	10259	100.0%	10020	100.0%		9986	100.0%		10261	100.0%	
FRESHMEN*											
<u>Milwaukee Campus</u>											
Milwaukee County	1138	78.8%	1140	82.8%	+4.0%	1323	83.1%	+0.3%	1308	82.7%	-0.4%
Lakeshore Region	164	11.4%	134	9.7%	-1.7%	187	11.7%	+2.0%	187	11.8%	+0.1%
Rest of State	142	9.8%	103	7.5%	-2.3%	83	5.2%	-2.3%	86	5.5%	+0.3%
Total	1444	100.0%	1377	100.0%		1593	100.0%		1581	100.0%	
<u>Madison Campus</u>											
Milwaukee County	330	16.3%	282	14.2%	-2.1%	267	12.7%	-1.5%	355	14.8%	+2.1%
Lakeshore Region	234	11.5%	257	13.0%	+1.5%	263	12.6%	-0.4%	301	12.6%	0
Rest of State	1467	72.2%	1446	72.8%	+0.6%	1566	74.7%	+1.9%	1744	72.6%	-2.1%
Total	2031	100.0%	1985	100.0%		2096	100.0%		2400	100.0%	

(Figures refer to fall semester enrollment)

(Source: Enrollment reports registrar offices Milwaukee and Madison)

* State of Wisconsin Residents only

** Sheboygan, Ozaukee, Washington, Waukesha, Racine, Kenosha Counties

4. PROJECTED FIRST SEMESTER DAY ENROLLMENT
UNIVERSITY OF WISCONSIN-MILWAUKEE*

Year	Enroll.	Year	Enroll.
1958#	5,191	1967	11,910
1959	5,625	1968	12,840
1960	6,290	1969	13,725
1961	7,040	1970	14,655
1962	7,500	1971	15,600
1963	7,950	1972	16,555
1964	8,740	1973	17,470
1965	9,875	1974	18,430
1966	10,935	1975	19,460

#Actual

*For the complete projection method and assumptions see: L. J. Lins, "Enrollment and Enrollment Projections University of Wisconsin-Milwaukee", (The University of Wisconsin, Institutional Studies, August 1959) pp. iv + 48.

SUMMARY STATISTICS OF STUDENT
TRAVEL AND EMPLOYMENT SURVEY,
September 1959

1. Questionnaire Returns

A. % of total day students returning questionnaires

$\frac{4364 \text{ returns}}{5238 \text{ enrolled}} = 83.1\%$

B. All day classes on Kenwood Campus	2129 students
All day classes on Downtown Campus	396 students
All day classes on both campuses	<u>1839 students</u>
Total	4364

2. Location of Residence

A. Permanent Home Address

Milwaukee County	81.6%
Lake Shore Counties (excl. Milwaukee)	11.8%
Rest of State of Wisconsin	4.8%
Other	0.9%
No information	0.6%

B. Address while attending the University

Milwaukee County	89.1%
Lake Shore Counties (excl. Milwaukee)	8.7%
Rest of State of Wisconsin	0.2%
Other	--
No information	0.6%

3. Employment

Not employed during the academic year	35.3%	1849 Students
Employed during the academic year	63.0%	3301 "
No information	1.5%	79 "
Employed on Irregular basis (i.e. odd jobs)	16.8%	555 "
Employed on Regular basis	83.2%	2740 "

Hours employed per week:

1-19 hours	37.4%	1235 "
20-over	40.0%	1321 "
No information	22.2%	733 "

A. Time of Employment

Weekends only	20.6%	680 "
Weekdays & evenings only	25.3%	834 "
Weekends & during week	44.6%	1472 "
No information	9.2%	304 "

B. Location of Place of Employment

Milwaukee County	68.4%	2258	Students
Lake Shore Counties (excl. Milwaukee)	5.2%	172	"
Other	1.9%	63	"
No information	23.3%	769	"

C. Employment Clusters (% of total employed in Milwaukee County)

Downtown	24.8%	565	"
Allen Bradley	3.9%	89	"
Capitol Court	3.4%	77	"
American Motors	2.6%	59	"
Mitchell Shopping Area	1.8%	41	"
Mayfair	1.5%	34	"
Bay Shore	1.5%	34	"

D. Nature of Employment

Clerical	16.0%	528	"
Sales	12.2%	403	"
Service	12.8%	423	"
Laborers	18.9%	624	"
Professional & Technical	10.3%	340	"
Other	5.2%	171	"
No information	24.0%	792	"

4. Travel

A. Auto Ownership

Student owning an automobile	38.5%	2017	"
Students not owning an automobile	58.6%	3070	"
No information	2.6%	147	"

B. Mode of Travel from home to Kenwood Campus

1. By Bus	41.9%	2195	"
-----------	-------	------	---

Number of transfers required:

0 Transfers	14.9%
1 Transfer	38.0%
2 or More Transf.	<u>47.1%</u>
	100.0%

2. By Automobile	47.7%	2499	"
------------------	-------	------	---

Occupancy of Automobile:

Driver only	37.9%
Driver & 1 Rider	32.4%
Driver & 2 Riders	15.0%
Driver & 3 or more Riders	<u>14.7%</u>
	100.0%

Average automobile occupancy is 1.6 students.

- | | | |
|---------------------------------------------------------------|------|--------------|
| 3. Other modes of travel | 8.3% | 435 Students |
| 4. No information | 0.2% | 10 " |
| 5. Present ratio of Automobiles to total student body is 0.30 | | |

C. Time of Travel from home to Kenwood Campus

- | | | | |
|------------------|--------------|------|---|
| 1. By Bus | 41.9% | 2195 | " |
| 0-30 minutes | 28.1% | | |
| 31-over minutes | <u>71.9%</u> | | |
| | 100.0% | | |
| 2. By Automobile | 47.7% | 2499 | " |
| 0-30 minutes | 60.1% | | |
| 31-over minutes | <u>39.9%</u> | | |
| | 100.0% | | |

TABLE D

1. Existing Parking Facilities - Fall 1959

Off-Street Parking on Campus	Faculty	187 ^{1/}	
	Students	381 ^{2/}	568
On-Street Parking on streets adjoining UW-M property			160 ^{3/}
Total parking stalls			728
Thereof for Student Parking			541

2. Hourly Student Parking Demand^{4/} - Fall 1959

	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5
Monday	618*	940*	1083*	1083*	972*	869*	861*	684*	306	99
Tuesday	299	783*	858*	819*	716*	609*	620*	456	192	99
Wednesday	423	954*	1076*	1050*	941*	848*	869*	705*	302	92
Thursday	273	719*	830*	791*	701*	627*	630*	480	200	92
Friday	392	773*	840*	872*	762*	701*	716*	599*	345	117

1/ Permit required - fee \$1.00/month

2/ All metered - fee 10 cents/4 hours

3/ From survey made in 1958 by the city's traffic department

4/ Hours of excess demand are indicated by an asterisk (*).

3. Estimated Hourly Student Parking Demand
for Enrollment of 20,000 Students 1/

	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5
Monday	2700	4140*	4770*	4770*	4280*	3820	3790	3020	<u>1350</u>	<u>440</u>
Tuesday	<u>1310</u>	3450	3750	3600	3150	2680	2730	2000	<u>850</u>	<u>440</u>
Wednesday	<u>1860</u>	4200*	4730*	4620*	4140*	3730	3820	3100	<u>1330</u>	<u>400</u>
Thursday	<u>1200</u>	3160	3650	3450	3080	2760	2770	2110	<u>880</u>	<u>400</u>
Friday	<u>1720</u>	3400	3700	3830	3350	3080	3150	2630	<u>1520</u>	<u>510</u>

Numbers with an asterisk (*) indicate hours when the demand is greater than the selected design capacity of 3850 parking stalls.

Numbers underlined indicate hours when the supply of parking according to the design capacity would exceed the demand by 100%.

1/ This estimate is based on the following assumptions:

- a/ that the number of students arriving by automobile will increase from 47% to 55%.
- b/ that the average occupancy of automobiles will remain at 1.6 students.
- c/ that no significant change in class scheduling will occur.

KENWOOD CAMPUS - MILWAUKEE

SKETCH PLAN

LONG RANGE DEVELOPMENT

LAND USE & CIRCULATION

LEGEND

BOUNDARIES

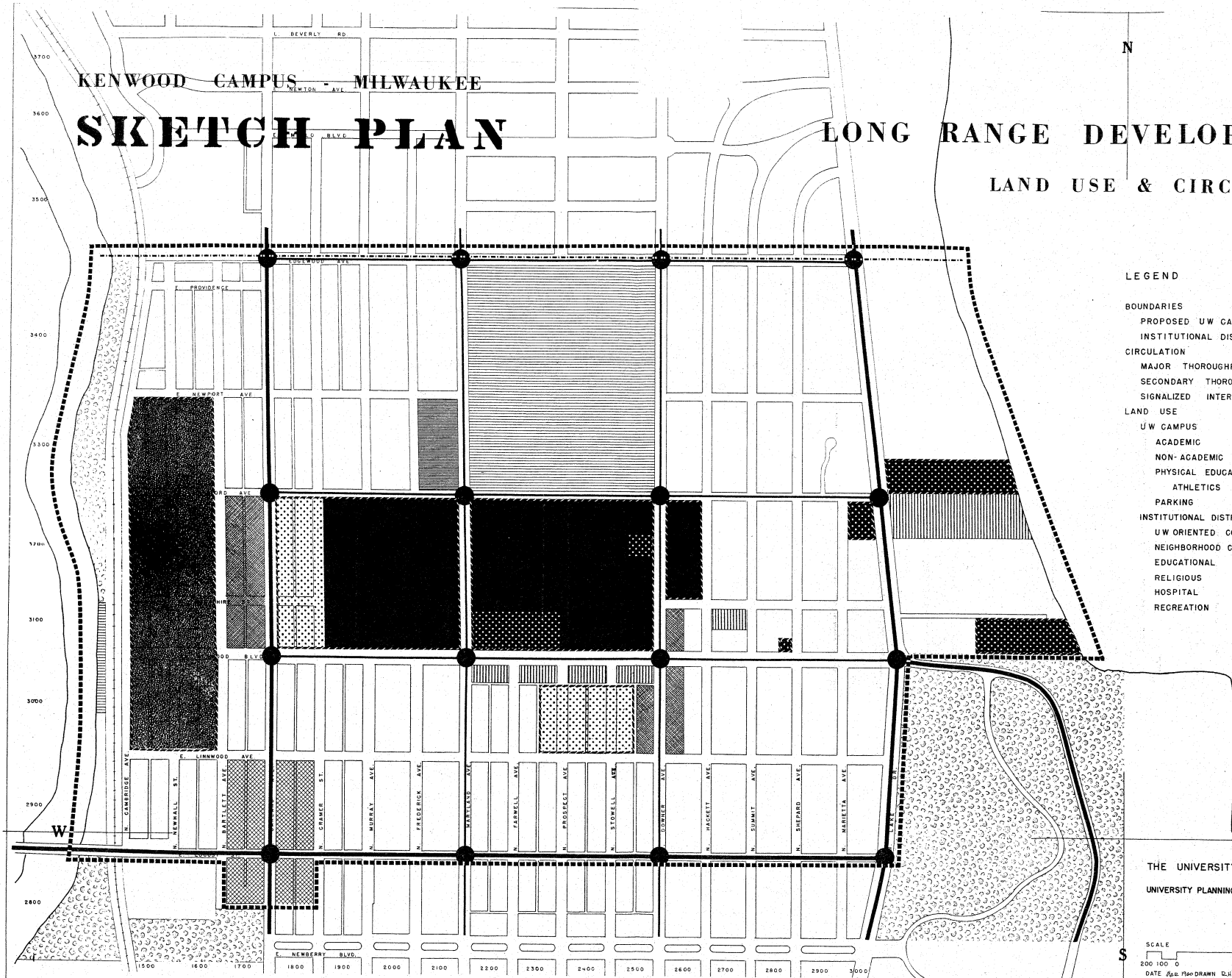
- PROPOSED UW CAMPUS
- INSTITUTIONAL DISTRICT

CIRCULATION

- MAJOR THOROUGHFARES
- SECONDARY THOROUGHFARES
- SIGNALIZED INTERSECTIONS

LAND USE

- UW CAMPUS
- ACADEMIC
- NON-ACADEMIC
- PHYSICAL EDUCATION & ATHLETICS
- PARKING
- INSTITUTIONAL DISTRICT
- UW ORIENTED COMMERCIAL
- NEIGHBORHOOD COMMERCIAL
- EDUCATIONAL
- RELIGIOUS
- HOSPITAL
- RECREATION



THE UNIVERSITY OF WISCONSIN
UNIVERSITY PLANNING AND CONSTRUCTION

SCALE
200 100 0 500 1000
DATE 8/26/70 DRAWN G.H.A. APPROVED T.J.L.

KENWOOD CAMPUS - MILWAUKEE

SKETCH PLAN

INTERMEDIATE DEVELOPMENT LAND USE & CIRCULATION

LEGEND

BOUNDARIES

PROPOSED UW CAMPUS
INSTITUTIONAL DISTRICT

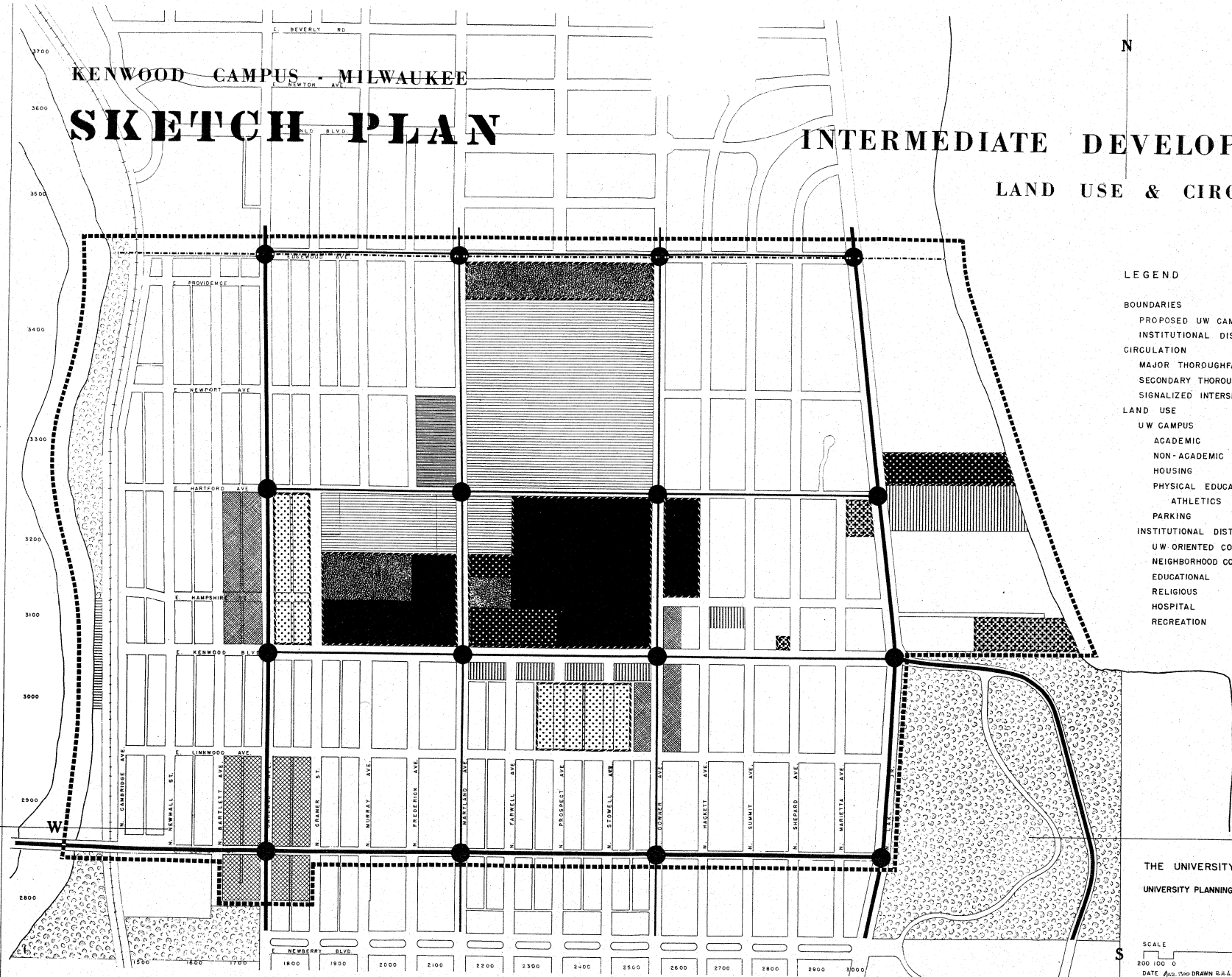
CIRCULATION

MAJOR THOROUGHFARES
SECONDARY THOROUGHFARES
SIGNALIZED INTERSECTIONS

LAND USE

UW CAMPUS
ACADEMIC
NON-ACADEMIC
HOUSING
PHYSICAL EDUCATION & ATHLETICS
PARKING
INSTITUTIONAL DISTRICT
UW ORIENTED COMMERCIAL
NEIGHBORHOOD COMMERCIAL
EDUCATIONAL
RELIGIOUS
HOSPITAL
RECREATION

SCALE
200 100 0 500 1000
DATE 7/24/70 DRAWN S.H.A. APPROVED T.D. L.V.



UNIVERSITY OF WISCONSIN - MILWAUKEE

PRINCIPLES AND POLICIES

(Approved by the Regents at the meeting held on May 12, 1956.)

The merger in Milwaukee of the Wisconsin State College and of the University Extension Division as a collegiate unit of the University presents an opportunity which calls for imagination, initiative, independence, and restraint. Rarely have two institutions separately serving a single city been united within the framework of a great university to enhance and to enlarge their usefulness to the community. Something good and something unique should result.

The value of the University of Wisconsin to the state depends on its quality and its devotion to the public welfare. Conscientious teaching and widespread services alone cannot make a first-rate institution. The state is served well only if the intellectual calibre of the University is of the highest order.

The quality of a great university stems first from the eminence of the members of its faculty as scholars and teachers. It arises secondly from the degree to which it is a community rather than a collection of scholars. The research, graduate, and professional programs of the University are immeasurably enriched by being closely associated on a single campus. The staff must have the facilities to make their work productive. The strength of this association will make possible the outreach of many of these programs to the Milwaukee institution. The institution must have a unity of purpose and of program else its resources will be wasted. One of the great features of the University of Wisconsin is the fact that all its activities in the state are tied not alone to the individual departments at Madison but to the entire institution. Hence its statewide programs must continue to have an effective, not merely a nominal, unity of administration.

The University will exert every effort to the end that the Milwaukee unit will be of the highest quality, seeking to develop a staff of great strength with the present faculty as a nucleus, to unite the scholars of the two existing Milwaukee institutions into a single cooperating community, to provide adequate facilities for an enlarging program, and to develop this program as an integral part of the whole University.

Milwaukee should have far greater opportunities for public higher education than it has had in the past. It is clear that many undergraduate programs can be given both at Milwaukee and Madison with only slightly higher cost to the state than on a single campus with the same total enrollment and with a great saving to many students. Among such programs recognized for the present are the four-year courses in Liberal Arts, Education, and Commerce. The presence of such University programs in Milwaukee will enable many residents of the community, who otherwise could not do so, to continue their education and thus become more useful citizens. It is likewise clear that most of the graduate and professional courses and of the exclusively research programs cannot be duplicated without either undue cost or a decrease in quality. Such as for example, and not by way of limitation, Medicine, Agriculture, Law, and the more advanced portion of Engineering belong to this category as does work

leading to the PH.D. degree. Graduate programs leading to the master's degree in such fields as Education, Commerce, and certain aspects of Engineering are needed and can be offered satisfactorily in Milwaukee.

In a community such as Milwaukee there is need for the continued development of a broad and comprehensive evening school program, to provide an opportunity for the pursuit of University courses during the afternoon and evening hours. The University should also play a greater role than it has in the civic, cultural, and artistic life of the city.

In planning the educational program of the Milwaukee unit as well as providing for the social life of the students, it should be remembered that this unit will be primarily for students who live at home within commuting distance of the institution.

The standards and educational policies of the University are a trust of its total faculty. The resources of the whole institution should be brought to bear on the securing of the ablest staff obtainable for each of its parts. Coordination of the programs is necessary if the students, many of whom will wish to transfer from one unit to another, are not to be seriously inconvenienced. Yet much autonomy both for the various units of the University and for its individual faculty members is desirable. The maintenance of standards, development of policy, coordination of programs, and a healthy autonomy must always be the ends sought in defining the structure of administration and faculty.

The development in Milwaukee will be another expression of the determination to maintain a University of the highest possible quality and to render to the state the largest educational and public service compatible with that quality.

REPORT TO STEERING COMMITTEE ON SITE FOR UNIVERSITY OF WISCONSIN - MILWAUKEE

(Approved by the Regents at the meeting held on June 14, 1956)

Three possibilities have been considered by the Long Range Building Subcommittee of the Committee of Thirty for a site for the future University of Wisconsin-Milwaukee. They are -

1. Development of present downtown site
2. Acquisition of a new site
3. Development and expansion of site at present Wisconsin State College

1. Development of Present Downtown Site

There are obvious advantages in retaining certain of the educational programs of the University of Wisconsin - Milwaukee at the present downtown campus. Certainly the evening program and some of the day programs could and should be continued there. Its central location gives it considerable advantage for these programs. However, in terms of the long range development of an institution with an estimated enrollment of 10,000 by 1965, the area available or the area that could be acquired in the vicinity would not begin to meet the needs of an expanding institution. The downtown campus, however, should not be abandoned. It will have to be used to full capacity in light of expected enrollments. There should also be a continuous review of its future use in the light of the changing character of the institution.

2. Acquisition of a New Site

The purchase of an entirely new site somewhere in Milwaukee County has also been considered by the Committee. The most important single advantage of such a proposal is that it would permit the acquisition of a land area large enough to take care of future growth for an indefinite time. However, such a solution presents some serious disadvantages. To relocate elsewhere the present facilities at Wisconsin State College alone would involve a replacement cost of at least \$10,000,000. In view of the additional needs of an expanding institution it seems very unlikely that funds could be found to replace present plants and add sufficient additional space to accommodate the new institution. Also since the Milwaukee institution will be in large part for commuters, it should not be located too far from the center of the city and should be as near as possible to public transportation facilities. The Committee has investigated possible sites in Milwaukee County and has found that unless we remain at the present site of Milwaukee State College, it would be necessary to move to the far outskirts of the County to secure 65 or more acres of land without incurring prohibitive costs in land acquisitions.

3. Development and Expansion of Site of Present Wisconsin State College

The present site has certain advantages:

- a. It is near enough to the central portion of the city to be readily accessible by public transportation.

- b. It represents a substantial investment in buildings and lands. Three new buildings have been added in the last three years. Dormitory facilities are available in the neighborhood. The older buildings are in good condition and can provide many years of additional service.
- c. The campus is attractive and the surroundings are pleasant and conducive to sound campus development.

The greatest disadvantage of the present Wisconsin State College campus is its size. It is generally agreed that, while several new buildings could be added on the site of the present campus, in terms of long-range development a larger area would be needed. Thirty-five acres in addition to the present Wisconsin State College campus of 30.6 acres would adequately serve the needs of an expanding institution for many years to come. Preliminary studies have been made of the area surrounding Wisconsin State College in all four directions and there are several possibilities that could and should be explored.

In the light of the findings of the Long Range Development Committee of the Committee of Thirty, it is recommended that the site of the present Wisconsin State College be considered the permanent site for the University of Wisconsin - Milwaukee and that appropriate steps be taken to acquire from time to time property adjacent to Wisconsin State College to make future expansion possible.

I. L. Baldwin
Robert B. Doremus
Donald Hill
J. Martin Klotsche
Theodore McLaughlin
George A. Parkinson
Burton Potterveld
James G. VanVleet
Kurt F. Wendt.

PROGRESS REPORT OF THE COMMITTEE ON THE FUTURE OF UW-M

Our committee is but one of several agencies which seeks to develop ideas, concepts, and plans relating to the future of the University of Wisconsin-Milwaukee. It is, however, the only faculty committee specifically enjoined to deal with the entire range of problems relating to the development of UW-M. At this moment, in our fourth year of operation, we offer as our progress report not a long list of specific recommendations but a set of general principles by which we believe UW-M can live and grow in the next few years. Here one will find no detailed blueprint but a vision of what we can build and some suggestions on how we can accomplish it.

We believe that the merger which created UW-M in 1956 offers the most significant opportunity in higher education in Wisconsin in the last half of the 20th century. We submit that this opportunity to develop not only a large but also a distinguished educational institution in the Milwaukee-Lake Shore area is a challenge facing the entire University. To develop the UW-M in keeping with the University's traditions will necessarily engage a substantial portion of those resources which the people of the state are prepared to invest in the higher education of their youth. For the immediate future, indeed, especially in physical plant, the UW-M will clearly require a much larger share of such funds merely to survive. It is our faith that the people of Wisconsin, once they recognize this necessity, will willingly underwrite this enterprise.

At times our effort to define the needs and goals of the institution may seem to imply criticism or to slight the substantial achievements of its three years of existence. However, in fact, we believe that the Regents, the University administration, our own administration, and the faculty (including those in Madison) have already contributed enormously to higher education in Wisconsin by their devotion to the spirit of the 1956 merger. Now, however, we consider it time to strike out boldly, far beyond what many were able to foresee at that time.

1. Role Within the University of Wisconsin. The legislation of 1955 conceived of the University of Wisconsin-Milwaukee as an integral part of the University "with the same degree of self-government by its own faculty as is vested in other units of the University". Emphasis in the initial implementation of these potentially contradictory concepts was on integration into the University's pattern. Some relaxation of the pressure to imitate has inevitably occurred, and more recently administrative and faculty policies have recognized the desirability of divergent development on the Madison and Milwaukee campuses. We applaud this tendency and urge its continuation at an accelerated rate. In academic matters this implies differentiation, permitting dissimilar policies for the University's two major campuses as long as they do not conflict. In business affairs this will permit increasing decentralization and local control.

The University of Wisconsin--Milwaukee was intended to bring to the Milwaukee and Lake Shore area an institution with the University's standards of scholarship, and under the University's guidance, yet designed to meet new demands and to augment where possible, already existing University programs.

2. Faculty. We reaffirm our position of last May that the distinction of this University will depend primarily upon the quality of its faculty. The highest priority in budget making must be placed here: to provide salary increases which will encourage our best faculty members to remain, to permit employment of additional instructors to match growing enrollments, and to attract scholars and teachers at the upper rank levels which will enrich our offerings and broaden our research.

A faculty of distinction is characterized by excellence in research as well as in instruction. Research must become a significant function of the faculty and of the institution as a whole. The overall UW-M research pattern, however, need not be identical in character or in areas of emphasis with that now existing in the University at Madison.

An increased emphasis upon research will necessarily require provision of additional funds in operating budgets as well as reflection in the design and construction of the physical plan and the library. The library, while providing a collection of books required for all undergraduate teaching units, must also give necessary support to those areas in which research activity is to be conducted. To this end, close relations must be established with other Milwaukee libraries, the Memorial Library, and the State Historical Society in Madison.

Likewise, provision must be made for faculty offices and laboratory facilities specifically fitted to the types of research to be included in the research program.

The development of a faculty of distinction and the expansion of research and instructional resources will enable the UW-M more adequately to meet the growing needs and demands for specialized graduate instruction. We recognize that in this expansion of graduate work the high standards traditional to Wisconsin can best be maintained by adherence to the principle of a single graduate faculty and administration. We submit, however, that adherence to this principle imposes upon the Graduate School administration an obligation to encourage the orderly growth of graduate work in Milwaukee as resources and demand dictate.

3. Programs. The very modest increase in the scope of UW-M's programs over those of its predecessor institutions is cause for genuine concern. The promise of the merger was an enlargement and enrichment of educational opportunities in the Milwaukee-Lake Shore area. Such development has been deferred in large measure to accommodate the swollen enrollments in the programs already existing. Clearly here are areas requiring hard decisions and difficult choices, but UW-M cannot much longer hesitate to fulfill the promise of the merger by adding entirely new curricula and extending those it has started.

Program development at the UW-M should proceed in several directions. New programs should be selected which will augment the total offerings of the University rather than necessarily those now available in Madison. Broad and imaginative consideration should be given to extending presently curtailed programs such as Pharmacy, Commerce, and Engineering to enable students to extend their work on the Milwaukee campus. Already existing programs in Letters and Science and Education can be strengthened through new course offerings.

For the programs already being offered, difficult choices face the UW-M in the allocation of additional teaching positions among departments or areas in already existing units. We suggest that it will often be preferable to seek genuine distinction by augmenting the staff of an already strong department rather than by uniform distribution. It is evident that no outstanding university possesses equally distinguished departments throughout, but tends to build where strength invites additional support. Moreover, in a few interdisciplinary areas, UW-M will benefit more from consolidation of its position in such programs as already have much promise of distinguished performance rather than in uniform increase in numbers.

4. Community Relations. The UW-M was conceived in no provincial or parochial spirit, and its aim has clearly been to establish its reputation within the true meaning of the term "university". Yet in a very real sense it was designed to serve the needs of the Milwaukee-Lake Shore area above all, and its own growth will necessarily reflect the population increase and development of southeastern Wisconsin. It will inevitably be classified as an "urban" or "metropolitan" university, however imprecise such terms are.

We urge a broad and substantial increase in the inter-relationships between UW-M and the community in which it is situated. Responsiveness to local needs should weigh heavily in decisions regarding expansion or strengthening of the curriculum, and campus expansion should be made with the utmost concern for neighborhood problems. An increased UW-M participation in community projects is desirable. On the other hand, we recognize the dependence of the University on the support of citizens as private individuals and urge that administrative action be taken to encourage private donations to support functions of the UW-M for which public funds are generally insufficient or non-existent.

We believe that community relations have not been adequately served by the merger agreement of 1956 relating to University Extension services in this area and that public demand for extension services and non-credit evening courses has not been met. We therefore urge reconsideration of the function and organization of the Extension Division and the non-credit evening school in relation to the University.

5. Physical Plant. The physical capacity of UW-M is already so strained that the proposed building program will barely match enrollment increases during the next few years. Projections suggest a student body of two and a half to four times the present size in a decade and a half. What we desperately need is not only a much larger plant scheduled for the future, but a vastly improved priority position in the University's and the State's building program immediately.

If the present concept of a compact campus roughly bounded, except for peripheral operations, by Downer, Kenwood, Cramer, and Hartford be concerned in, certain corollaries should be explicitly understood: 1. that the proposed limitation in campus size will not be used to restrict academic programs or to hold down enrollment; 2. that the ideal of a single campus operation for the day school will be neither abandoned nor qualified but implemented; and 3. that the necessity of especially careful planning for so confined an area will not be allowed to delay the building program.

A UW-M three or four times its present size will necessarily alter the character of its neighborhood. This is not an admission that we will deteriorate our surroundings, but a recognition that we must build for beauty as well as utility and must maintain our plant out of respect for our neighbors as well as ourselves. The reciprocal obligation of the City of Milwaukee and especially of those who reside near us is to permit our growth in orderly fashions.

* * * *

We invite your most thorough comment and criticism so that in our final report our recommendations may most nearly represent a synthesis of faculty thinking.

Ad Hoc Committee on the Future of UW-M:

Ernest A. Bellis
Robert L. Erdman
Elizabeth K. Holmes
Frederick Olson, Chairman
T. Alton Rouse
Donald R. Shea
John H. Smith

November 27, 1959

University of Wisconsin--Milwaukee

August 3, 1959

Doc #1 59-60

REPORT BY SPECIAL COMMITTEE ON LAND NEEDS AS THEY RELATE TO RECREATIONAL,
PHYSICAL EDUCATION, AND ATHLETIC PROGRAMS.
(based on enrollment of 15,000 students including ROTC)

A. Land needs for UW-M Men and Women.

This land to be used for Intercollegiate Athletics, required Physical Education, professional Physical Education, Intramurals, ROTC, and Campus School.

1. Football field and running track for varsity athletics, which would provide for a seating capacity of 10,000 people.
Total acreage: 5.5
2. One varsity baseball field including practice area. To be used also for professional class instruction: 440' x 455'
Total sq. ft. 200,200
Total acreage: 4.6
3. Six play fields for Men to be used as football practice fields, touch football, softball, speedball, soccer, basketball, golf practice ranges and ROTC. Each field: 360' x 200'
Total sq. ft. 432,000
Total acreage: 9.9
4. One Golf Green to be used by Men and Women: 120' x 120'
Total sq. ft. 14,400 - 18 courts
Total acreage: .3
5. Twelve lighted and six unlighted tennis courts. Dimensions allow for back court area and side line area. Each court: 60' x 120'
Total sq. ft. 129,600
Total acreage: 3.0
6. One tennis bounding board area for Men and Women, can also be used for handball courts and paddle ball: 205' x 50'
Total sq. ft. 10,250
Total acreage: .2
7. Three play fields for women to be used for field hockey, speedball, basketball, softball, playground games, play days and golf ranges. Each field 200' x 350'
Total sq. ft. 210,000
Total acreage: 4.8
8. One archery range to be used by men and women. Archery range can also be used by volleyball, badminton, ice skating rings: 360' x 150'
Total sq. ft. 54,000
Total acreage: 1.2

LAND NEEDS FOR UW-M MEN AND WOMEN

Grand Total Acreage: 29.5

B. Comparison of Land Space Available as of September, 1958 and September, 1959

I. Land Space available as of September, 1958

Eight tennis courts	Total sq. ft. 47,000
East extension of 220 track straight-away	Total sq. ft. 4,656
Football field and running track	Total sq. ft. 147,750
Practice football field, baseball field, and play field	Total sq. ft. 116,391
Old football field on upper campus which was used for play fields for men and women	Total sq. ft. 85,557
Play field on upper campus in area between Student Union and Library	Total sq. ft. 105,600
Area east of stadium	<u>Total sq. ft. 9,494</u>

LAND AVAILABLE AS OF SEPTEMBER, 1958:	<u>TOTAL SQ. FT. 516,448</u>
	Total acreage: 11.8

II. Land Lost as of September, 1959

Location of Annex E on practice football field, baseball diamond, and play field area	Total sq. ft. 43,950
Parking lot on upper campus on old football field and play field area	Total sq. ft. 49,770
Science Building location on tennis court area	<u>Total sq. ft. 47,000</u>

LAND LOST SINCE SEPTEMBER, 1958:	<u>TOTAL SQ. FT. 140,720</u>
	Total acreage: 3.2

III. Land Available to us as of September, 1959
(I minus II)

<u>Total acreage:</u>	<u>8.6</u>
-----------------------	------------

C. Justification for the use of 29.5 acres based on an enrollment of 15,000 students.

I. Estimated number of Students Engaging in Outdoor Program per Class enrollment per Times Reporting in a Week.

	<u>Participants</u>	<u>Weekly Attendance</u>
1. Required physical education men and women. Men required to take 2 semesters. Women required to take 4 semesters.	5,000	10,000
2. ROTC required 4 semesters plus advanced ROTC	5,000	10,000
3. Professional physical education	400	1,200
4. Intramurals and women's WRA	1,500	1,500
5. Faculty	200	200
6. Self organized groups and general recreation	500	500
7. Varsity sports such as football spring and fall, baseball, tennis, golf, track	<u>400</u>	<u>2,000</u>
	13,000	25,400

We are asking for 29.5 acres which is equal to 1,285,020 square feet. Thirteen thousand (13,000) participants would need approximately 96 sq. ft. per participant for a program needing outdoor land space.

II. Total number of students who can be accommodated based on 22 students per teaching station.

1. Teaching Stations proposed:

Tennis courts	3
Men's fields	12
Women's fields	6
Football field	1
Baseball field	2
Golf green	1
Tennis bounding area	1
Archery	<u>2</u>

TOTAL STATIONS AVAILABLE 28

2. Use of proposed teaching stations:

1. Two hundred twenty four (224) teaching stations available in one 8 period day.
2. Eleven hundred twenty (1120) teaching stations available in a week.
3. At 1120 stations a week multiplied by 22 people per station totals accommodations for 24,640 participants per week.

(this figure arrived independently compares favorably with the figure of 25,400 in the right column on previous page.)

Members of Special Committee

George Elmergreen
Gerald Gleason
Grace Hildreth
Leo Jakobson
Herman Kluge
Robert Roeming
James Van Vleet, Ex officio
Herman Weil, Chairman

REPORT OF THE COMMITTEE ON LOCATION OF THE
CAMPUS ELEMENTARY SCHOOL

Background

It is the conviction of the Committee that good laboratory school facilities are absolutely essential for an effective teacher preparation program operated within a university context. This conviction is shared by top university administration.* The question then is not whether there shall be a laboratory school, but where the laboratory school in Milwaukee shall be located. There are several factors to consider in making this determination.

1. Amount of college use. In the long-range plans for the development of UW-M, the area or block now occupied by the Campus School probably will be designated as an area of intensive use (science and engineering buildings), whereas, generally speaking, the fringe areas of the university -- areas that may be used for research buildings -- are considered intermediate use zones. Should the Campus School be located in an intensive use zone? Auto traffic as well as pedestrian traffic around an intensive use building will be substantial. Auto traffic in front of the present building will increase.
2. Accessibility. The Campus School should be located within a ten-minute walking time from the School of Education building, if possible. Relocation of the Campus School should be considered in relation to the future location of the School of Education building.
3. Availability of Playground Space. A laboratory school should have adequate playground space. It is doubtful that adequate playground space can be maintained in the future at the present location. It is possible that part of the play area may eventually become an intensive use area.
4. Pupil Population Served. The Campus School should be near the center of child population served. It is quite likely that the character of the present neighborhood will be changed in the next ten years with a shifting child population center.

Considerations Related to Present Location

1. "Temporary E" has reduced the play area available to the Campus School. The new steam line has made some of the existing play area temporarily unusable.
2. The new science building will take another play area used by the children, the area in which the outdoor fireplace is located.
3. The new pedestrian overpass will take more than half of the hill.

*As shown by answers from President Elvehjem's office to questions raised by Governor Nelson concerning Laboratory Schools and Elementary Education (July 10, 1959).

4. Within two years, the Campus School probably will have less than three acres of play space, which is far below the recommended minimum of seven acres plus an additional acre for each 100 pupils.

The Committee recommends that:

1. The Campus Elementary School be continued in its present location for the next several years until adequate facilities are provided elsewhere.
2. There be no deterioration of program or facilities because of the prospect of relocating the school in the future.
3. In the selection of a new site both the Dean of the School of Education and the Director of the Campus Elementary School shall be involved.
4. The following criteria should form the basis for any site selection in the future:
 - a) The Campus School should be within a seven-minute walking distance from the School of Education building.
 - b) The Campus School should be as near as possible to the future center of the child population it serves.
 - c) The Campus School site should be at least seven acres plus one additional acre for every 100 pupils.

In its deliberations the Committee also discussed some of the problems facing the Campus School at present and recommends the adoption of the following resolutions in order to assure an efficient operation of the school in the iterim:

5. For the safety of the children a permanent type of fence should be placed around the science building construction area.
6. Hard surfacing of nearly the entire playground to the north of the Campus School building to give more space for active games.
7. The playground should be extended by using the eastern end of the track runway to compensate for the loss of land to the science building and the pedestrian bridge crossing Maryland Avenue.
8. There should be no additional entroachment upon the present site of the Campus School.
9. Additional facilities for physical education should be provided immediately.

Respectfully submitted,
Ernest Bellis
Wendell Hunt
Leo Jakobson
LeRoy Peterson, Chairman

February 25, 1960

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Auxiliary Enterprises, UW-M
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Admissions and Records, UW-M
Committee on Future Use of Downtown Campus
Ad Hoc Faculty Committee on the Future of the UW-M
Special Committee on Land Needs as they relate to
Recreational, Physical Education and Athletic
Programs at the UW-M
The Committee on Location of the Campus Elementary School

City of Milwaukee

Bureau of Traffic Engineering and Electrical Services,
Department of Public Works
Board of Public Land Commissioners
Office of Urban Renewal Coordinator

March 12, 1960

The University of Wisconsin-
Milwaukee Kenwood Campus

C O R E A R E A P L A N

Department of Planning &
Construction
Planning Section
819 Irving Place
Madison 6, Wisconsin

Recommended Development Policies
Approved by the Milwaukee Campus
Planning Committee on March 3, 1960

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B. Comprehensive Development

1. Land Use
2. Physical Design
3. Building Regulations (not included in this copy)
4. Circulation (not included in this copy)
5. Utilities (not included in this copy)

C. Intermediate Development

1. Land Use
2. Physical Design

X. Appendix

- A. Resolutions Passed by the Library Committee of the University of Wisconsin-Milwaukee (January 26, 1960)

I. GENERAL PURPOSE

The general purpose of the Core Area Plan is to prepare detailed plans for that area of the campus requiring special attention and development decisions as indicated in the Sketch Plan for the Kenwood Campus, UW-M, March 1, 1960. These detailed plans are more specific in analysis and proposal than the Sketch Plan and attempt to answer definitively some of the problems faced by the UW-M in its effort to overtake the present shortage in physical facilities at the Kenwood Campus as well as to provide accommodations for future expanded enrollments. The Sketch Plan has provided the broad framework of development policies which guide the preparation of the Core Area Plan. Thus, the Core Area Plan is a detailed extension of the Sketch Plan.

According to an analysis by the Coordinating Committee on Higher Education of existing physical facilities (as of September, 1959) at the UW-M, the University is providing only 61% of the assignable instructional space recommended by the CCHE for the present enrollment.* In other words the UW-M is currently operating at a space deficiency of nearly 40% according to the CCHE. Therefore, a most pressing immediate problem at the UW-M is to provide immediate relief due to overcrowding of existing facilities.

Because certain steps have been taken to correct this immediate problem of overcrowding, e.g., preparation of plans for the Science and Fine Arts Building and the negotiations for purchase of the Milwaukee Downer Seminary, a general comprehensive plan guiding these developments must be prepared now. The UW-M cannot be developed haphazardly merely because of urgency of need for physical facilities. The Core Area Plan is a plan intended to solve the problems of immediate spatial needs as well as to provide the framework for detailed future development.

* This figure of 61% of recommended assignable instructional space includes existing space used in the Downtown Campus.

II. GOALS

The primary goal of the Core Area Plan is to provide the development and design framework for the entire group of buildings to be constructed in the area, and to provide unified cohesion of design through the regulation of building heights and masses and their architectural treatment, and the formal and informal landscaping of open spaces in order to best obtain an aesthetically stimulating and beautiful campus environment.

This primary goal is the basis for a set of planning design objectives which the Core Area Plan attempts to meet. These planning design objectives, inter alia, are:

- A. The physical design of the Core Area should provide a three-dimensional illustration of the urban character of the UW-M Kenwood Campus.
- B. The Core Area land should be organized into functionally related academic and non-academic use groupings to provide for the most efficient utilization of space and circulation patterns as well as to provide academic identification.
- C. In order to intensively develop the Core Area without creating excessive building coverage but still provide space accommodations for the design figure of enrollment, land uses and buildings should be physically linked together to avoid wasting land between buildings.
- D. Peripheral landscaping should be informal to provide a setting for the Core Area.
- E. The organization of open pedestrian spaces should provide opportunities for landscaping contrast, variety and visual stimulus in different sites and at different levels.
- F. Limited parking within the Core Area and required service access should be located on the periphery of the Core Area.
- G. Flexibility in building programs should be provided vertically through the use of a range of building height regulations.
- H. Future academic expansion should be provided outside the Core Area according to the recommendations of the Sketch Plan.

III. SCOPE AND PLANNING ASSUMPTIONS

The Core Area as indicated in the Sketch Plan is the area bounded generally by Hartford Avenue, Downer Avenue, Kenwood Boulevard and Cramer Street. The area essentially consists of the existing major land holdings of the Kenwood Campus plus the Milwaukee Downer Seminary property. This is the area proposed in the Sketch Plan's Recommended Development Policies as an 'instructional core area'.

As stated in the Sketch Plan a low density of development is not applicable to the Kenwood Campus of the UW-M. Therefore, because of the pressing needs for space accommodations, the rapidly increasing student enrollment and the high cost of land acquisition, the Core Area should be designed to provide the major instructional facilities.

In order to meet this objective certain clarifications and planning assumptions as to the nature of the instructional facilities to be provided in the Core Area must be established. The following planning assumptions serve as guides to the development of the comprehensive Core Area Plan.

- A. The descriptive phrase 'instructional' used in reference to the Core Area means that the entire area will be devoted to academic instruction and related uses.
- B. Research, per se, is not precluded from the Core Area, but should be limited in scope and conducted in relation to academic instructional departments established in the Core Area.
- C. Major specialized research facilities requiring special physical facilities will be located outside of the Core Area.
- D. Physical Education facilities will be removed from the Core Area.
- E. Certain facilities, non-academic in nature, but related to academic use and providing required services to academic activities will be retained or provided in the Core Area. These facilities will be such items as the Student Union and Administrative Center.
- F. Other specialized facilities not mentioned above will be included in or excluded from the Core Area depending upon general academic land use requirements and the particular land use requirements of the specialized facility.
- G. The design figure for space accommodations in the Core Area will be that required net assignable square footage required for approximately 15,000-20,000 day students.

IV. EXISTING FACILITIES AND RELOCATION RECOMMENDATIONS

A. EXISTING FACILITIES

As previously indicated, the Core Area is the area of the Kenwood Campus between Downer Avenue and Cramer Street and includes the Downer Seminary. The existing two block area totals 30.5 acres and the Downer Seminary 8.6 acres, therefore comprising a Core Area of 39.1 acres.

The extent of existing building development in the area is noted on Table A. The new Science Building is included in this table because of its advanced programming state and because decisions effecting its location and siting were reached prior to the preparation of the Sketch Plan and the Core Area Plan. The total assignable square footage including Downer Seminary and the new Science Building is slightly in excess of 383,000 square feet out of a gross of approximately 600,000 square feet. If the proportion of 41% of gross square footage equals assignable instructional square footage, used by the Coordinating Committee on Higher Education, is applied to the Kenwood Campus, the assignable square footage would then equal approximately 246,000 square feet. However, these figures included certain buildings that previously stated planning assumptions remove from the Core Area.

The Coordinating Committee on Higher Education also recommends using a figure of 63 square feet of assignable instructional space per day student in order to estimate building needs. While this figure cannot be viewed as an inflexible standard and should be re-examined during later planning stages, it is used here to estimate the physical space requirements for a day student enrollment of 20,000 (See Table B-4, Projected First Semester Day Enrollment, University of Wisconsin-Milwaukee, Sketch Plan, March 12, 1960). Therefore, on this basis, 20,000 day students would require 1,260,000 square feet of assignable instructional space (1,800,000 gross instructional square feet). The magnitude of proposed development can be ascertained quickly when these later figures are compared to figures of existing physical facilities.

B. RELOCATION OF EXISTING FACILITIES

As noted in the Sketch Plan certain low intensity facilities now located in the Core Area should be relocated in the Long Range Development Plan. The Long Range Development stage of the Sketch Plan corresponds to the Comprehensive Development plan stage of the Core Area Plan. Therefore, to repeat, the following facilities should be relocated:

1. The Campus Elementary School
2. The Plant Maintenance Center
3. The Physical Education track and fields.

The following facilities should be removed from the Core Area as soon as possible.

1. The Baker Field House
2. All temporary structures

V. COMPREHENSIVE DEVELOPMENT

Based on the principles, studies, and assumptions outlined in the Sketch Plan for the Kenwood Campus, and based on the planning goals and assumptions outlined in the preceding chapters, the following statements identify the Comprehensive Development recommendations of the Core Area Plan.

A. LAND USE

Land use in the Core Area has been organized into three major groupings; Academic, Non-Academic and Open Space. Academic land use is further sub-classified into three functionally related categories:

1. the Humanities, Arts and Social Studies,
2. Science and Technology, and
3. Library.

The Academic classifications are located in separate areas in the Core Area. Thus the Humanities, Arts and Social Studies group is located in the eastern half of the Core Area near the existing Main Building and the Science and Technology group is located in the western half allowing for development of departments which are functionally related in academic instruction. A new centrally located library is provided on the east side of Maryland Avenue.

The Non-Academic uses shown include an expanded Student Union (expanded to include eating facilities and a theater) and a General Administration Center.

The Open Space land use as shown includes formal and informal landscaped areas as well as parking and service areas.

B. PHYSICAL DESIGN

The Physical Design plan of the Comprehensive Development state shows the building masses and landscaping designed to meet the goals stated in Chapter II. A series of linked (a bridge is provided over Maryland Avenue) pedestrian open spaces, formally landscaped, and of varying shapes and sizes is provided in the interior of the Core Area. These interior open spaces together with buildings which are physically linked produce a cohesive unity of design as well as a pedestrian setting removed from vehicular traffic and affording unhampered building access. All service areas are located on the periphery of the Core Area. Limited parking is provided adjacent to service areas. The periphery of the Core Area is to be landscaped informally thereby providing contrast with the formal landscaping of the interior open space.

The resultant building coverage of the Physical Design plan is 32% of the Core Area site (see Table D).

C. BUILDING REGULATIONS

The three Building Regulations plans contain the physical regulations which will provide the design framework for all construction and insure the execution of the Physical Design plan. Building height limitations are shown with flexibility in the proposed number of stories in order to avoid excessively rigid restrictions on future construction, but concurrently, to provide cohesion of design. The varying masses of the buildings are regulated by the creation of open spaces according to building set-back lines and building lines and also by the height limitations.

Two major types of open space are indicated, formal and informal. Within these two types both paved (decorative hard surfacing) and unpaved or planted landscaping are included.

The total building areas provided by the flexible building regulations are itemized in Table B. The Comprehensive Development stage of the Core Area Plan provides accommodations for 13,000 to 21,000 students.

D. CIRCULATION

The Circulation plan illustrates the accommodations for vehicular and pedestrian traffic as well as the limited parking facilities. It also shows the relationship of the major parking areas proposed in the Sketch Plan to the circulation system of the Core Area Plan.

The limited parking facilities within the Core Area provide approximately 350 spaces for convenience parking. A proposed system of bus stop locations and restricted peripheral curb parking are also indicated.

It is proposed that Cramer Street should be closed between Hartford Avenue and Kenwood Boulevard when the western parking area (between Cramer Street and Oakland Avenue) is developed.

VI. INTERMEDIATE DEVELOPMENT

As the Long Range Development plan of the Sketch Plan included an Intermediate Development stage to illustrate the phases involved in implementing long range planning objectives, the Core Area Plan contains an Intermediate Development stage of the Comprehensive Development. This Intermediate Development stage of the Core Area Plan corresponds to the Intermediate Development stage of the Sketch Plan and retains temporarily certain facilities presently existing in the Core Area.

A. LAND USE

The Intermediate Development stage retains the Heating Plant (Plant Maintenance Center), the Baker Field House, the Physical Education track and fields, the Campus Elementary or Laboratory School, and the Downer Seminary Buildings.

The holding capacity of the Intermediate Development stage is indicated in Table C.

B. PHYSICAL DESIGN

The Physical Design plan for Intermediate Development illustrates the staging of the Comprehensive Development plan with the above mentioned existing facilities retained. It is not a separate plan but an integral stage in the Comprehensive Development plan of the Core Area Plan.

VII. RECOMMENDED DEVELOPMENT POLICIES

A. GENERAL PURPOSE

The purpose of the Core Area Plan is to provide the physical design framework for the academic core of the UWM campus. The physical design framework should be comprehensive by showing complete development and should allow for flexibility in individual building programs which are capable of being created in stages. The goal of the Core Area Plan is to create a cohesive and unified instructional campus, functionally organized in a beautiful and stimulating urban environment for academic life.

B. COMPREHENSIVE DEVELOPMENT

1. Land Use. In order to meet the above stated general purpose, land uses shall be organized in general accord with the Land Use plan.
2. Physical Design. The creation of a beautiful and stimulating environment is dependent upon the successful arrangement and grouping of the three-dimensional forms i.e., buildings, and the delineation of open space through enclosure and direction which such groupings form. A successful arrangement and grouping of these elements is obtained by the Comprehensive Development plan which in turn serves as the guide for the attainment of this goal. The Core Area shall be developed therefore, in general accord with the Physical Design plan.
3. Building Regulations. The effectuation of a development plan requires certain regulatory measures controlling building heights and masses, building setbacks and building lines, building facade treatment and open space. To insure the effectuation of the Comprehensive Development plan the Core Area shall be developed in general accord with the three Building Regulation plans.
4. Circulation. A crucial element in any development plan is the circulation system--how persons travel to work, and, in the case of a major university's campus, how students travel from classroom to classroom. The Circulation plan meets these objectives:
 - a. in separating pedestrian and vehicular traffic to ensure the greatest freedom of movement between classroom buildings,
 - b. in restricting vehicular service activities to the periphery of the campus, thus avoiding conflict with pedestrian movement, and
 - c. in providing a limited amount of parking in close proximity to academic buildings for faculty members.

Therefore, as an integral element of the comprehensive development plan for the Core Area the Circulation plan shall be the basis for circulation planning at the Core Area.

C. STAGING OF CORE AREA PLAN

In order to illustrate the possibilities of staging in the proposed comprehensive development it was necessary to prepare an Intermediate Development Plan for the Core Area wherein certain special facilities are temporarily retained in their present location.

D. INTERMEDIATE DEVELOPMENT

The plan for intermediate development is not a separate plan but an integral part of the Comprehensive Development plan illustrating interim policies on land use and physical design.

1. Land Use. In the Intermediate Development for the Core Area the Heating Plant, the Baker Fieldhouse and athletic track, the Laboratory School, and the Downer Seminary Buildings are retained on their present sites. Again, it is to be noted that this is a temporary solution and these facilities will be relocated and replaced when possible as shown in the Sketch Plan and the Core Area Plan.
2. Physical Design. The Physical Design plan illustrates the physical development of intermediate land use as a stage of the Core Area Comprehensive Development plan and as such shall be the guide for interim development.

TABLE A

PHYSICAL FACILITIES - EXISTING DEVELOPMENT

		Square Foot		
	Gross	Net	Assignable	Cube
Permanent Buildings				
Main Building	192,854	162,909	108,044	2,636,013
Fieldhouse	51,325	45,740	42,242	1,213,935
Heat Plant	7,172	5,248	4,916	128,688
Stadium	7,923	6,766	5,434	88,909
Campus School	57,317	43,072	40,498	712,242
Library	41,236	36,208	29,426	457,677
Downer Seminary	78,214	49,563	46,835	unknown
Union	20,300	18,700	14,200	235,100
Subtotal	456,341	368,206	291,595	5,472,564
Temporary Buildings				
"D" Annex	8,000	7,139	5,924	148,000
New Annex	13,847	12,827	9,503	201,735
Subtotal	21,847	19,963	15,427	349,735
Planned Permanent Building				
Science Building	124,000	unknown	76,595	1,691,000
TOTAL	602,188	388,169	383,617	7,513,299

TABLE B

PHYSICAL FACILITIES AND HOLDING CAPACITIES - COMPREHENSIVE DEVELOPMENT

	Gross Square Feet	
	Minimum	Maximum
Instructional		
Science & Technology	485,300	834,625
Humanities, Art & Social Studies	603,679	921,204
Library	120,300	196,900
Subtotal	1,209,279	1,952,729
Non Instructional		
Social Service	176,050	270,100
Administrative	56,000	80,000
Subtotal	232,050	350,100
TOTAL	1,441,329	2,302,829
Holding Capacity	13,000 students	21,300 students

TABLE C

PHYSICAL FACILITIES AND HOLDING CAPACITIES - INTERMEDIATE DEVELOPMENT

	Gross Square Feet	
	Minimum	Maximum
Instructional		
Science & Technology	141,975	244,450
Humanities, Arts & Social Studies	574,343	810,118
Libraries	100,100	167,800
Subtotal	816,418	1,222,368
Non Instructional		
Social Service	176,050	270,100
Special Facilities		
Laboratory School	57,317	57,317
Fieldhouse	51,325	51,325
Stadium	7,923	7,923
Heating Plant	7,172	7,172
Subtotal	299,787	393,837
TOTAL	1,116,205	1,616,205

Holding Capacity	8,500 students	13,000 students
------------------	----------------	-----------------

TABLE D

BUILDING COVERAGE - COMPREHENSIVE DEVELOPMENT

	Sq. Ft. Building Coverage	Total Sq. Ft.	%
West Campus	229,100	661,675	34.6%
<u>East Campus</u>	<u>410,600</u>	<u>1,296,435</u>	<u>31.6%</u>
	639,700	1,958,110	32.6%

KENWOOD CAMPUS - MILWAUKEE

CORE AREA PLAN

COMPREHENSIVE

DEVELOPMENT

LAND USE

LEGEND

ACADEMIC

HUMANITIES, ARTS &

SOCIAL STUDIES

SCIENCE & TECHNOLOGY

LIBRARY

NON-ACADEMIC

GENERAL ADMINISTRATION

SOCIAL SERVICE

OPEN SPACE

CORE AREA BOUNDARY



N. HACKETT AVE

THE UNIVERSITY OF WISCONSIN

DEPARTMENT OF UNIVERSITY

PLANNING & CONSTRUCTION

PLANNING SECTION

DESIGNED
DRAWN
APPROVED: L.J. - TD
SCALE: 1/8" = 1'-0"

DATE: Feb. 1960
REVISED

E. NEWPORT AVE

E. HARTFORD AVE

E. HAMPSHIRE ST.

E. KENWOOD BLVD

N. OAKLAND AVE

N. CRAMER ST.

N. MURRAY AVE

N. FREDERICK AVE

N. MARYLAND AVE

N. FARWELL AVE

N. PROSPECT AVE

N. STOWELL AVE

N. DOWNER AVE

S

E

N

KENWOOD CAMPUS - MILWAUKEE

CORE AREA PLAN

COMPREHENSIVE DEVELOPMENT

PHYSICAL DESIGN

LEGEND

EXISTING BUILDINGS TO

REMAIN

PROPOSED NEW BUILDINGS

1-2 STORIES

3-5 "

5-7 "

7-10 "

SERVICE, PARKING & STREETS

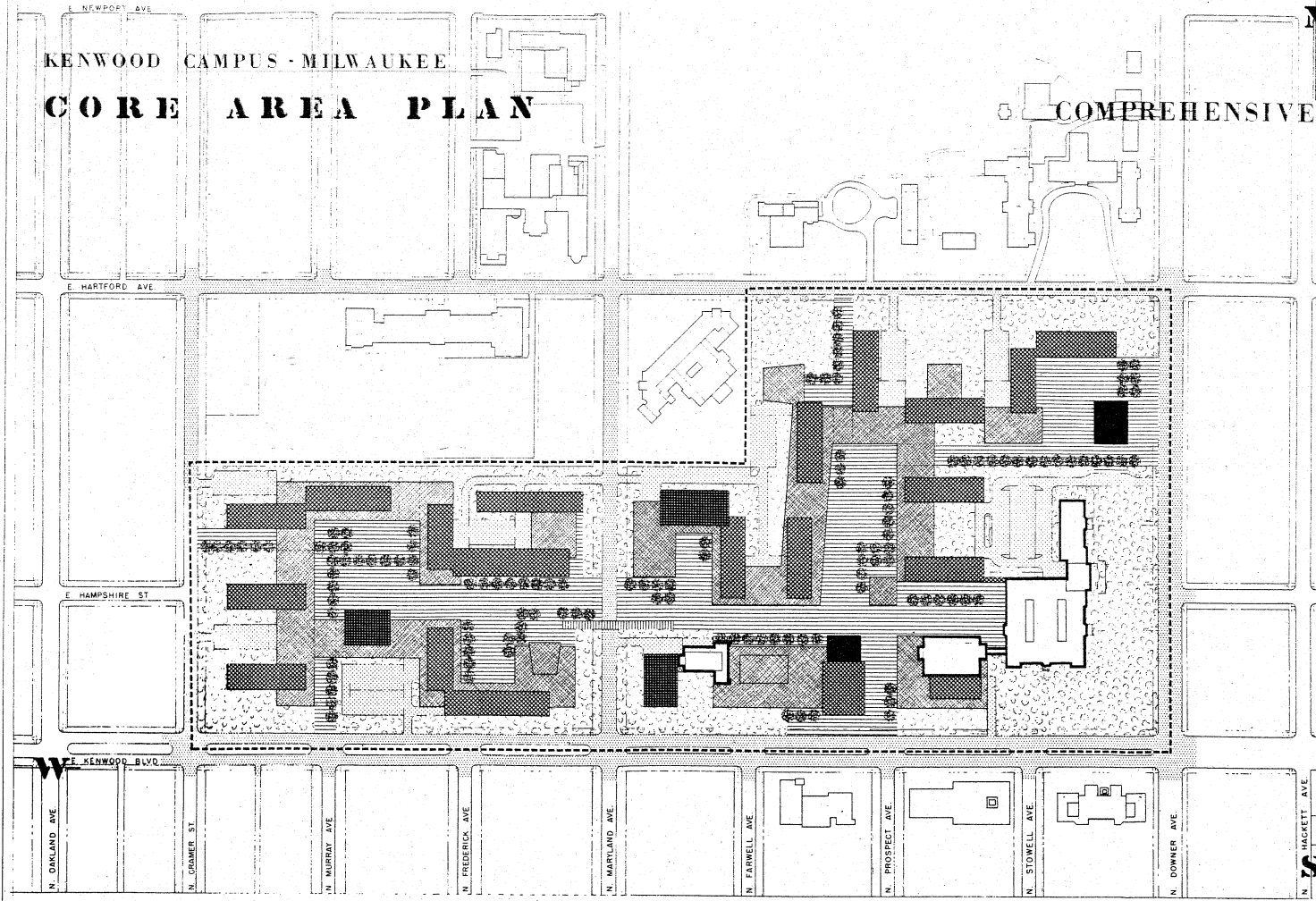
INFORMAL OPEN SPACE

FORMAL OPEN SPACE

PEDESTRIAN BRIDGE

TREES

CORE AREA BOUNDARY



THE UNIVERSITY OF WISCONSIN

DEPARTMENT OF UNIVERSITY
PLANNING & CONSTRUCTION

PLANNING SECTION

TITLE: KENWOOD CAMPUS
DATE: MAR 60
BY: JSD

DATE: MAR 60
BY: JSD

KENWOOD CAMPUS - MILWAUKEE

CORE AREA PLAN

INTERMEDIATE DEVELOPMENT

LAND USE

LEGEND

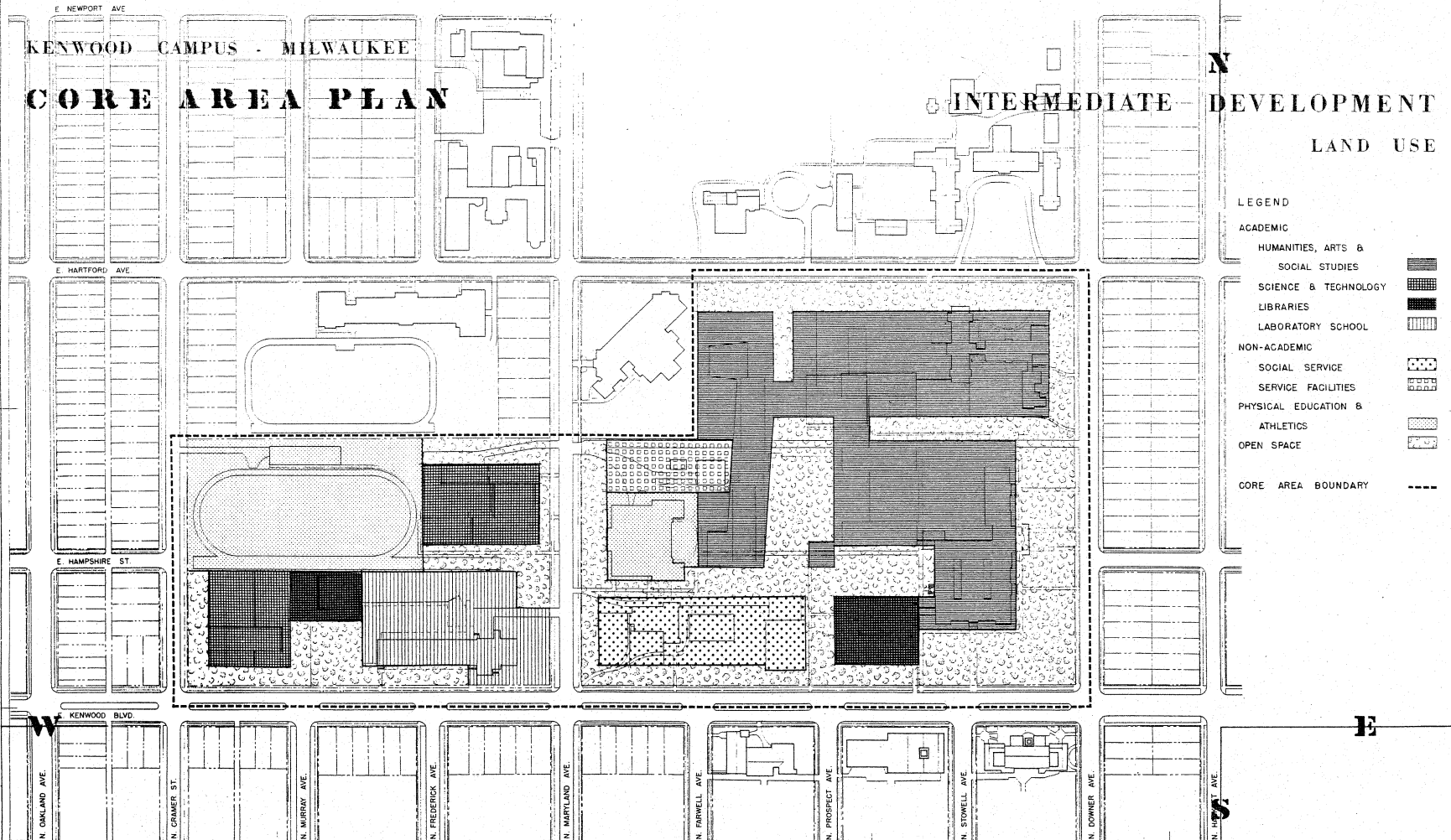
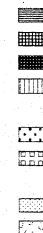
ACADEMIC

- HUMANITIES, ARTS & SOCIAL STUDIES
- SCIENCE & TECHNOLOGY
- LIBRARIES
- LABORATORY SCHOOL

NON-ACADEMIC

- SOCIAL SERVICE
- SERVICE FACILITIES
- PHYSICAL EDUCATION & ATHLETICS
- OPEN SPACE

CORE AREA BOUNDARY



KENWOOD CAMPUS - MILWAUKEE

CORE AREA PLAN

INTERMEDIATE

N
DEVELOPMENT
PHYSICAL DESIGN

LEGEND

EXISTING BUILDINGS TO

REMAIN

PROPOSED NEW BUILDINGS

1-2 STORIES

3-5 "

5-7 "

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SERVICE, PARKING & STREETS

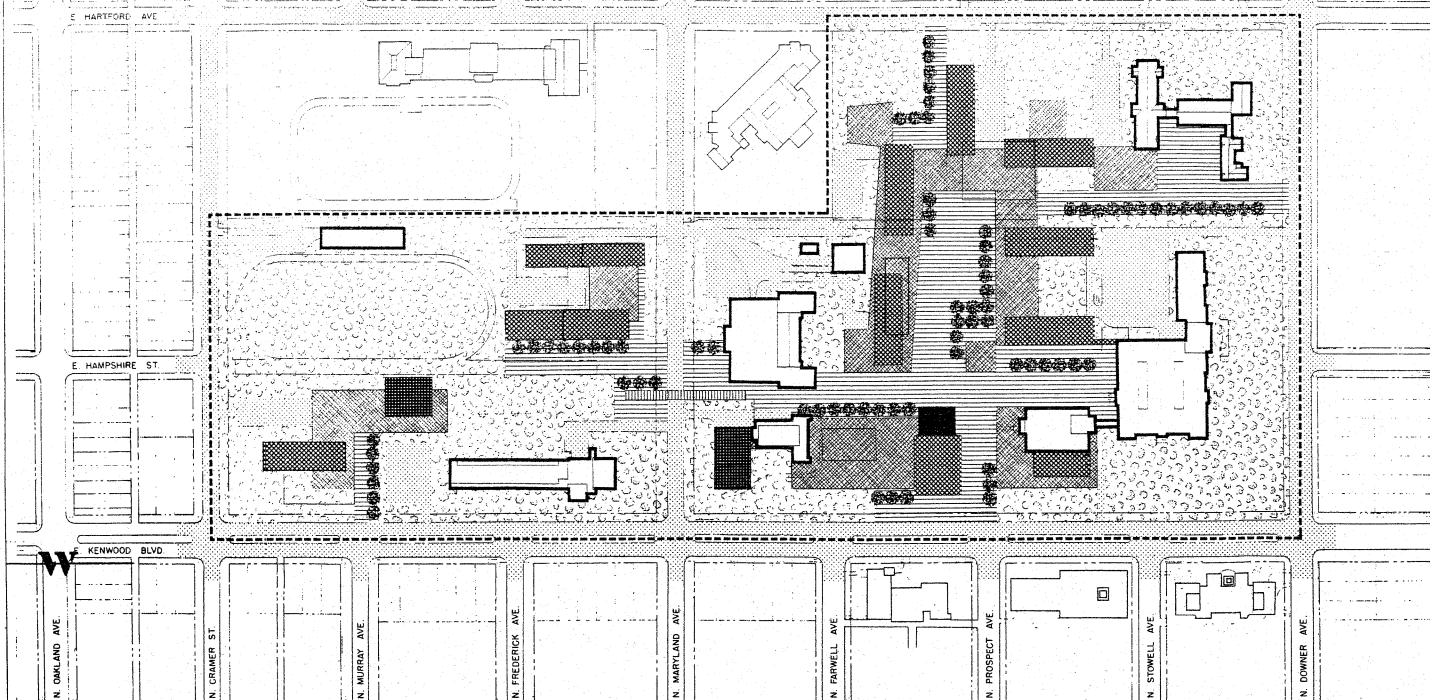
INFORMAL OPEN SPACE

FORMAL OPEN SPACE

PEDESTRIAN BRIDGE

TREES

CORE AREA BOUNDARY



E
THE UNIVERSITY OF WISCONSIN

DEPARTMENT OF UNIVERSITY
PLANNING & CONSTRUCTION

PLANNING SECTION

DESIGNED
DRAWN RHC
APPROVED T.J.D. 4/30W
SCALE

DATE MAR 1980

THE UNIVERSITY OF WISCONSIN - MILWAUKEE

2500 E. Kenwood Blvd. Milwaukee 11, Wisconsin

Woodruff 4-4400

January 29, 1960

Mr. Leo Jakobson
Institutional Planner
University of Wisconsin
819 Irving Place
Madison, Wisconsin

Dear Mr. Jakobson:

The Library Committee of the University of Wisconsin-Milwaukee supplemented by representatives of the Science departments, met January 26, 1960 and passed the following resolutions:

1. That the present site of the Baker Field House and the heating plant should be reserved in the master plan of development for the University of Wisconsin-Milwaukee for the construction of a large, centrally located general university library.
2. That space should be reserved in the area to the west of Maryland Avenue for an interim Science Library, if necessary.
3. That the present library must be expanded shortly to meet continually growing needs.
4. That any buildings or additions constructed outside the site reserved for the general library should be so planned that they could be converted to other than library use. Even with additional building, the possibilities of present site of the Library are not adequate for library needs of an institution of 20,000 students.

The committee was heartily in accord that there should be a centrally located general library. The members felt that any interim building program to meet library needs of the immediate future should be planned so as not to endanger the eventual construction of this general library.

Sincerely,

/s/

Lee E. Lawrence, Chairman
For the Library Committee

Ralph M. Aderman
James F. Marshall
Donald R. Shea
David C. Sheldon
Micheal M. Shurman
Ruth I. Walker
Florence L. Walzl
Donald A. Woods

CREDITS

The University of Wisconsin, College of Engineering
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The Department of University Planning & Construction,
Planning Section

Leo Jakobson, Institutional Planner
Thomas J. Dyckman, Senior Planner
Richard E. Tipple, Landscape Architect
Thomas R. Favour, Junior Planner
Richard E. Anderson, Technical Aide

ADKNOWLEDGEMENTS

The following agencies and departments have cooperated with the
Department of University Planning & Construction in providing
data and information:

State of Wisconsin

Joint Staff, Coordinating Committee on Higher Education

University of Wisconsin

Coordinator of Institutional Studies
Committee on Future Use of Downtown Campus, UW-M
Committee on Location of the Campus
Elementary School, UW-M
Library Committee, UW-M

City of Milwaukee

Bureau of Traffic Engineering & Electrical Services,
Department of Public Works
Board of Public Land Commissioners
Office of Urban Renewal Coordinator

SCIENCE BUILDING
UNIVERSITY OF WISCONSIN - MILWAUKEE

That, subject to the approval of the Governor and the Director of the State Bureau of Engineering, the following contracts be awarded for construction of a Science Building at the University of Wisconsin - Milwaukee, and that the Vice President - Business and Finance be authorized to sign the contracts:

Branch "A" - General Construction
Hunzinger Construction Company

Base Bid \$1,329,980.00

Alternates:

#5 - omit stone on west walls, <u>deduct</u>	\$ 4,965.00
#9 - Fenestra windows, <u>deduct</u>	9,637.00
#15- Fesco Board Insulation, <u>deduct</u>	2,723.00
#16- Exposed grid system for acoustic tile clgs., <u>deduct</u>	<u>1,225.00</u>
Total deduction \$	18,550.00

#22- "Plesterfuze" paint on laboratory
walls, add \$ 7,228.00

Negotiated alternate for ceramic
tile floor and base in rooms Nos.
102, 103 and 150, add \$ 4,250.00
Total addition \$ 11,478.00

Total Contract Sum \$1,322,908.00

Branch "B" - Laboratory Equipment
Hamilton Manufacturing Company

Base Bid \$ 214,200.00

Alternates:

#1 - Sandstone sinks, <u>deduct</u>	\$ 484.00
#6 - Polyethylene drain troughs in Chemistry Labs., <u>deduct</u>	<u>3,346.00</u>
Total deduction \$	3,830.00

Total Contract Sum \$ 210,370.00

Branch "C" - Heating, Ventilating & Air Conditioning
J. E. Robertson Company

Base Bid \$ 319,000.00

Total Contract Sum \$ 319,000.00

Branch "D" - Plumbing
J. E. Robertson Company

Base Bid \$ 254,800.00

Alternates:

#12 (revised) - to omit only "Fertilizer system", <u>deduct</u>	\$ 1,422.00
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Branch "D" - Plumbing - Alternates (Contd.)

#13 (Option) - Kohler Fixtures, <u>deduct</u>	\$ 500.00
#28 - Galv. iron piping in Biology Wing, <u>deduct</u>	9,900.00
#29 - Pyrex piping in Chemistry Wing, <u>no change</u>	
#33 - Delaney flush valves, <u>no change</u>	

Negotiated Alternate for aluminum pipe & fittings in lieu tin lined, <u>deduct</u>	5,277.00
Total deduction	\$ 17,099.00

Total Contract Sum	\$ 237,701.00
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Branch "E" - Electrical

Herman Andrae Electric Company Base Bid	\$ 209,600.00
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Alternates:

#2 (revised) - to omit half of special lighting in greenhouse, <u>deduct</u>	\$ 3,650.00
#14- Omit primary emergency sub-station <u>deduct</u>	1,500.00
#16- Omit master clocks system except in corridor, lobby and two (2) main lecture rooms, <u>deduct</u>	\$ 3,200.00

Bidders Option (Alternates)

#2 - "B" fixtures, <u>deduct</u>	\$ 850.00
#3 - "D" fixtures, <u>deduct</u>	240.00
#4 - "W" fixtures, <u>deduct</u>	750.00
#6 - Federal Pacific Sub-stations and panel-boards, <u>deduct</u>	3,000.00
Total deduction	\$ 13,190.00

Total Contract Sum	\$ 196,410.00
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Branch "F" - Elevators

Elevator Engineering Corporation Base Bid	\$ 37,990.00
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Total Contract Sum	\$ 37,990.00
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TOTAL OF ALL CONTRACTS	\$2,324,379.00.
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That the following schedule of costs be approved for construction of a Science Building at the University of Wisconsin - Milwaukee:

Total Contract Awards	\$2,324,379.00
Architect's Fee	139,462.00
Movable Equipment	93,000.00
Bureau of Engineering & Supervision	20,000.00
Utility Extensions	20,000.00
Site Improvements	2,500.00
Contingency	100,040.25
TOTAL SCHEDULE OF COSTS	\$2,699,381.25

(Source of Funds: Wisconsin State Agencies Building Corporation
Educational Facilities Building Bonds--Series A of 1959)

\$2,699,381.25)