

METING OF SEPTEMBER 19, 1895.

The Board of Trustees of the University of Illinois met in special session in the University Parlor in Urbana, Ill., at 3 o'clock p. m., Thursday, September 19, 1895, pursuant to the following call issued by the Secretary September 14, 1895:

"By the order of the President, Mr. Nelson W. Graham, the Board of Trustees of the University of Illinois is hereby called to meet in special session at the University Parlor in Urbana, Ill., at 3 o'clock p. m., Thursday, September 19, 1895, to consider the report of the architects upon designs submitted for the new library building, and to transact such other business as may be duly presented."

There were present Messrs. Armstrong, Bullard, Graham, McLean, Morgan, Morrison, Raymond, and Dr. Smith. Absent, Governor Altgeld, Messrs. Inglis and Judy and Mrs. Flower.

On motion of Mr. Bullard it was voted that the Board hear the report of the committee of experts appointed to examine the plans submitted for the new library building.

Before this was read, however, President Draper announced that Assistant Professor Frank Zinkeisen had sent in his resignation on account of ill health. The resignation was accepted, and Mr. George Daniel Hammond, A. B., was appointed his successor at a salary of \$1,000.00 a year from September 1st.

REPORT ON DESIGNS FOR LIBRARY BUILDING.

URBANA, ILLINOIS, September 18, 1895.

To the President and Board of Trustees of the University of Illinois.

GENTLEMEN: The committee appointed by your body to make a careful study of the twelve selected designs for the proposed University library, begs leave to present the following report:

In accordance with your instructions the twenty-six other designs were first carefully examined and two of them were chosen for study, those marked "J'ai étudié" and "Messenger." These were subjected to precisely the same examination and criticism as the twelve designs selected by your body and especially referred to this committee.

Each one of the fourteen designs was first carefully examined to determine whether it satisfied each requirement of the program, and the results entered on a check list.

Since neither the areas of the rooms nor the number of persons using them was specified, but was left to the discretion of the architect, it became necessary to adopt a series of standards in accordance with experience in the old library, and the probable future requirements for this building.

1. Capacity of Library.

The book cases are required to have a capacity of 150,000 volumes. As an average of measurements in the old library, we found seven books per lineal foot of shelf. But since eight books are commonly allowed per lineal foot of shelf that ratio has been adopted. The capacity of the stack room has been determined in each case by using length of cases as shown, assuming seven shelves in height as usual, and thus allowing 112 volumes per lineal foot of double book cases shown on plan. It was found also that a convenient and reasonably economical arrangement of the cases allowed about 2.25 volumes per cubic foot of space in stack room. A larger proportion is evidence of crowding and a smaller one shows a lack of economy in arrangement.

2. General Reading Room.

It has been presumed that to provide sufficiently for a reasonable increase in number 175 sittings should be provided in this room, which is an increase of 55 over the number in the present library. An area of 20 square feet is allowed to each sitting, including space occupied by tables and aisles. In some of the best libraries 25 square feet is allowed, though this is perhaps luxurious.

3. The Periodical Reading Room should seat fifty persons, and the same area is allowed per sitting.

4. The Reception Parlor should seat at least thirty persons, allowing 15 square feet per sitting, as it would only be partially filled, which would make a minimum area of 450 square feet; at the very least this room should have an area of 400 square feet.

5. The Seminary Rooms should seat from twenty to twenty-five feet each, and on account of the comparatively large space occupied by the long table and the wall book cases, 25 square feet has been allowed per sitting.

6. The suites of administrative offices should be composed of rooms of proper size, easily found and accessible, arranged in proper sequence, and each suite should have its toilet room, closet, and vault, or a compartment in a common vault, or a special toilet and clothes room should be provided near the offices. Of course all these rooms must be well lighted.

The Trustees' room would sometimes be required to seat sixteen persons, arranged around a long or a cross-shaped table, and with due allowance for convenience and propriety, its area should not be less than 450 square feet. Its shape and dimensions must also conform to the desired arrangement of the table, though this latter part has not been insisted upon.

7. With due respect to economy in the arrangement and cost of the building, the central halls and corridors of the building must not be cramped, but, on the other hand, they should not be wastefully enlarged at the expense of the usable rooms in the building.

8. The stairways must be conspicuous, easily found, effective in design, and of sufficient dimensions. Two stairways are preferable to a single one, for security in case of fire.

9. The entrances on eastern and western façades should be dignified and imposing, with direct access to the central halls and stairways on main floor. This condition can hardly be fulfilled by any design having its stack room arranged as an external addition on either east or west front. But due allowance was made therefor.

10. To secure the best arrangement, it has been assumed that the general toilet rooms should be placed in the basement, with a common clothes check room on the first floor.

11. For greatest convenience in use the library room should be arranged on the first or principal floor, with the offices and seminary rooms on the second. The library rooms must be capable of being closed, but without preventing access to the offices and seminary rooms.

12. Proper and sufficient lighting of all rooms has been made the subject of special and careful examination.

13. The delivery room should have a proper oversight of the reading room so far as possible.

14. The cost of the building is limited to \$150,000.00. It is not possible to construct a strictly fire-proof building, with steel beams and tile floors, tile partitioning, iron and slate roof, and stone-faced external walls, in a good and durable manner, for less than 20 cents per cubic foot. The cost of each design has therefore been approximately determined on that basis, multiplying this price (which has been increased in some cases in order to make due allowance for a more expensive interior or exterior) by its actual total volume. Therefore, the volume of this building cannot exceed 750,000 cubic feet, taken from bottom of foundations to average height of roof. Your committee is well aware that many cheaper methods of non-burning construction are now in use for important buildings, but their durability remains to be proved by time and experience in good buildings, and it is wisest not to employ any construction that has not been proved at least equal to that now in use in good fire-proof office and public buildings.

In criticising the external walls of these designs, this committee has been guided by the following principles:

- a. The design must be well balanced, with all its parts at a common scale.
- b. The eastern and western façades must be both pleasing and satisfactory.
- c. The general reading room should be at the north end of the building.
- d. A stack room added to either eastern or western front would be somewhat objectionable.
- e. General effect of building must be noble, dignified, and strong, yet quiet and reposeful, free from pretentiousness or show.

The committee presents herewith the results of its study of each of the fourteen designs subjected to special examination.

After completing these special studies and a comparison of the results, and of the best designs, this committee begs leave to present its final conclusions, as follows:

1. That the first prize be awarded to the design marked "Via Veritas Vita," as exhibiting the best and most available design for the purpose, its plan being especially commendable.
2. That the second prize be awarded to the design marked "Ste. Genevieve," on account of its very noble and pleasing exterior, and its generally good arrangement of plan, whose defects can be remedied as suggested.

Mr. Bicknell dissents from this recommendation and would place the design marked "Meliora Speramus" second, on account of its plan, somewhat preferable in arrangement, placing library rooms on first floor.

3. That the third prize be awarded to the design marked "Meliora Speramus," on account of its good plan and capability of future enlargement as may be required, as well as its effective exterior.

Mr. Bicknell dissents and would place the design marked "Ste. Genevieve" third, because its library rooms are on the second floor, and it has other serious defects of arrangement.

4. That the fourth prize be awarded to the design marked "America" for its effective exterior and interior, though some rooms are too small. These can be enlarged as suggested.

For your information, the committee appends to this report a full statement of the results of the examination of each one of the twelve designs referred to it for consideration, and also of the two additional designs, which were thought worthy of equally careful examination.

Very respectfully submitted,

N. C. RICKER,
JAMES M. WHITE,
PERCY F. BICKNELL,

Committee.

On motion of Mr. Raymond, it was voted that premiums be awarded as recommended by the committee of experts. The envelopes containing the names of the competitors were then opened and it was found that the first premium had been awarded to—

Edward G. Bolles, Springfield, Ill.

The second to Arms & Hart, Chicago, Ill.

The third to Clinton J. Warren, Chicago, Ill.

The fourth to Messrs. Osgood & Stone, Grand Rapids, Mich.

On motion of Mr. Morrison, it was voted that when the Board adjourn it should adjourn to meet at 10 o'clock a. m., Wednesday, September 25, 1895, in the office of the Superintendent of Public Instruction, Springfield, Ill.

Mr. Morrison offered the following resolution, which was adopted:

Resolved, That the Business Agent be instructed to purchase ladders, buckets, hose, and ten Babcock fire extinguishers, to be distributed as the President may deem best; and that the Superintendent of Buildings and Grounds take charge of the same and provide suitable shelves and housing.

Resolved, That the said Superintendent of Buildings and Grounds organize his janitor force into a fire company prepared for instant action.

On motion of Mr. Morrison, it was voted that so much of the state appropriation of \$2,000 for fire protection as may be needed be appropriated for the purchase of ladders, buckets, etc., enumerated in the foregoing resolution.

The Board then adjourned to meet at 8 o'clock in the evening.

EVENING SESSION.

On motion of Mr. Morrison, it was voted that the Committee on Buildings and Grounds and the Business Agent make a contract with the Electric Lighting and Power Co. for light and power furnished for one year from August 1, 1895.

A resolution offered by Mr. Morrison, proposing to give a name to the avenue running south from military hall, was referred to the Committee on Buildings and Grounds for a report at the next meeting.

The Finance Committee made the following report:

URBANA, ILL., September 11, 1895.

To the Board of Trustees of the University of Illinois.

GENTLEMEN:—Your Committee on Finance, to which were referred the vouchers submitted by the Business Agent, begs leave to report that it has examined vouchers Nos. 1,651 to 2,125 for the quarter ending September 1, 1894; also vouchers Nos. 1 to 500 for the quarter ending December 1, 1894; and also vouchers Nos. 501 to 1,150 for the quarter ending March 1, 1895, and has found the same correct and correctly received.

Respectfully submitted,

N. B. MORRISON,
S. A. BULLARD,
J. E. ARMSTRONG,

Committee on Finance.

The Secretary presented a bill amounting to \$4.50 from R. A. Webber, for continuation of abstract of title. The bill was ordered paid from the general fund.

The following resolution, offered by Mr. Morrison, was, on his motion, adopted:

Resolved, That all moneys belonging to the University, from whatever source derived, should be credited to some fund, either general or special, and that all appropriations should be for the full amount needed for the objects named. This resolution to take effect from and after December 1, 1895.

The following resolution offered by Mr. Graham was, on his motion adopted:

Resolved, That President Draper, Mr. Morgan, and Mr. Bullard be and are hereby appointed a committee to investigate the business methods of the University, provided for in the rules of the Board of Trustees as well as any, if any such there be, not so provided for, and report to the Board the result of their investigation with such recommendations for the future as in their opinion will promote greater efficiency, economy, and safety in the management of the material interests of the University.

It was voted that the Superintendent of Buildings and Grounds, Mr. G. W. Graham, be authorized to pay the janitor in University Hall at the rate of \$35.00 per month, from the time he began work.

On motion of Mr. Morrison, it was voted that the bond of the Business Agent be \$10,000 instead of \$15,000 as ordered at the meeting of June 27, 1895, and that Professor S. W. Shattuck be re-appointed Business Agent for the year beginning September 1, 1895.

An appropriation of \$200, from the general fund, was made for use of the librarian in cataloguing.

An appropriation of \$75 was made for an assistant to Professor Frederick.

The purchase of five swords and belts for the military department was authorized, and payment for them from the general fund.

President Draper presented the following report with regard to the examination of medical students:

URBANA, ILLINOIS, Sept. 19, 1895.

To the Board of Trustees of the University of Illinois.

GENTLEMEN: The undersigned committee, directed at your June meeting to report a plan for medical entrance examinations and suggestions in relation thereto, begs respectfully to submit the following:

We advise that a Faculty Committee on examinations be appointed by the President of the University, whose duty it shall be to provide questions, in accordance with requests from the State Board of Health; to conduct examinations or assist in their management at the call of the Board; to mark examination papers, or to revise such markings if made by other members of the Faculty, and to sign reports on examinations as representatives of the Faculty of the University.

We submit herewith, with our approval, a copy of a blank application for examination, as prepared and printed by the State Board of Health.

We advise that the time and place of holding examinations be left wholly to the judgment of the said State Board of Health, but that the Trustees re-

quest that these be so regulated that the University shall have at least two weeks' notice in advance, and if practicable, that for the present no more than three examinations per annum may be made necessary.

A. S. DRAPER,
Chairman of Committee.

The report was approved and its recommendations adopted.

Professor D. W. Shea handed in his resignation, and it was accepted, to take effect when President Draper could arrange for taking care of his classes.

A request was received from Captain W. R. Courtney, Company D, Fifth Infantry, Illinois National Guard, asking permission to use the rifle range for the present season. The Secretary was directed to write Captain Courtney that the request could not be granted, inasmuch as the tenant of the south farm, on which the range is, objects to such use.

Mr. Morgan reported from the Committee on Buildings and Grounds that the work of paving, making walks, and carrying forward other improvements in charge of the committee, was progressing satisfactorily. He said further that he had asked permission of the Urbana and Champaign Electric Railroad Company to extend across their track the walk running from Green street to Military Hall, and that the request had been cheerfully granted.

He also stated that he had received a communication from B. F. Harris, Jr., making the following proposition in regard to furnishing gas:

"I propose to furnish gas at the rate of \$1.40 per 1,000 cubic feet for all gas used up to one million feet per year. When the total yearly consumption reaches or exceeds one million feet, the price on the whole amount to be \$1.25 per 1,000. When the total yearly consumption reaches or exceeds one million and a half feet, the price on the whole consumption to be \$1.00 per 1,000 feet."

Mr. Morgan offered the following resolution, which was adopted:

Resolved, That it is the intention of the Board that the Superintendent of Buildings and Grounds shall have general supervision of the greenhouse and gardener and of the plants and flowers about the buildings and grounds of the University, excepting, however, the scientific instructions of Doctor Burrell to the gardener, which are paramount as to the cultivation and propagation of the flowers and plants.

On motion of Mr. McLean, it was voted that Mr. Armstrong see the Illinois Heating and Lighting Company, of Chicago, and invite a proposition to heat and light the University, and that he submit such proposition to the Board at its next meeting.

On motion of Mr. McLean, it was voted to extend the sewer pipe along the creek through the Arboretum.

The following resolution, offered by Mr. Morrison, was adopted:

Resolved, That the design submitted by Edward G. Bolles for a library building be referred to the Committee on Buildings and Grounds with directions to secure the coöperation of Governor Altgeld, and then advise with Mr. Bolles touching some modifications of the design; and that such committee have authority to contract with said architect for plans and specifications

and for supervision of the construction of the building, if in their opinion he has judgment and experience to satisfy his employment in that capacity, and if not to make such other arrangement for architectural assistance and for the erection of the building as it may think proper; and that the committee shall then proceed to secure bids for the construction and make a contract therefor which shall be as favorable to the University as possible, and report all proceedings to this Board whenever practicable.

It was then voted to reconsider the motion by which the Board had voted to adjourn when it adjourned to meet in Springfield, September 25th, and the original motion was thereupon lost.

The Board adjourned.

W. L. PILLSBURY,
Secretary.

N. W. GRAHAM,
President.