

Rosal February 1.

Santa Barbara, California.

My dear Dr. Harper -

Your letter relating to
a Commission appointed to
consider plans for new buildings
at the University, has been
delayed reaching me in this
bidden retreat.

Your suggestion that I
become a member of this
Commission opens a most
interesting subject and I

in full strength -

I wish you could be here
with me in this land of
sunshine and flowers where
every breath means fuller
life.

Please give my love to
Mrs. Harper -

Very sincerely -

Fellie B. Linn.

April 25th 1904

should be pleased to be of
service.

Although unable to attend
the first meeting April 13th
I shall be home in June and
ready to attend any meeting
after that date.

The anxiety of your illness
was most keenly felt by
Mrs. Linn and myself, followed
by the deepest sense of relief
and joy at your recovery.

We earnestly hope you are again

**HENRY IVES COBB
ARCHITECT**

100 WASHINGTON ST
CHICAGO

February 1, 1893.

To the Committee on Buildings and Grounds,

Univeristy of Chicago.

Gentlemen:

I beg leave to report that I have this day signed contracts for work on the Ryerson Physical Laboratory, as follows:

Barney & Rodatz,	Masons	\$30,500.00
Henne & Company	Cut Stone	61,300.00
M. Berner & Company	Struct. Iron	2,840.00
Knisely Bros.	Roofing, etc.	4,987.00
Dearborn Foundry Co.	Orn. Iron	2,753.00
Campbell Bros. Mfg. Co.	Carpenter Work	21,000.00
Casey, Grimshaw Marble Co.	Marble	7,200.00
John Doyle & Co.	Plaster	5,710.00
J. G. McCarthy & Bro.	Painting & Glazings	<u>3,575.00</u>
		\$139,865.00

Respectfully submitted,

Martin A Ryerson President

HENRY IVES COBB
ARCHITECT

100 WASHINGTON ST.
BOSTON

Pres. Geo. Rogers

MARTIN A. RYERSON,
701 CHAMBER OF COMMERCE BUILDING,
CHICAGO.

December 24th, 1894.

To the Board of Trustees
of The University of Chicago.

Gentlemen:

I propose to give to The University of Chicago the
sum of Ten thousand dollars to be expended in adding to the equip-
ment of the Ryerson Physical Laboratory, the said sum to be pay-
able one-half in January and one-half in July 1895.

Respectfully yours,

Martin A. Ryerson

*Pres. F. B.
Ryerson*

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Martin A. Ryerson

Ryerson

MARTIN A. RYERSON,
701 CHAMBER OF COMMERCE BUILDING,
CHICAGO.
1208 MARQUETTE BUILDING.

July 29th, 1895.

H. A. Rust Esq.,

Comptroller University of Chicago.

Dear Sir:-

I send herewith my check for \$5000. to pay final instalment of my subscription of \$10000. for the equipment of the Ryerson Physical Laboratory. Kindly notify the Secretary of this payment.

Very truly yours,

Martin A Ryerson

Ent 7/30.95
Special Funds

MARTIN A. RYERSON,
THE CHAMBER OF COMMERCE BUILDING,
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1208 MARQUETTE BUILDING.

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Cont'd 7/30/95
Special Agent

Pres. File
Ryerson

SHEPLEY, RUTAN & COOLIDGE.
ARCHITECTS.
AMES BUILDING, BOSTON.

February 26th., 1909.

President Harry Pratt Judson,
University of Chicago.

My dear Dr. Judson:--

It is an awful thing to be a kernel of corn between the lower and upper mill stones, which pleasant position I apparently occupy at the present time. By this I mean that the very last words which Mr. Ryerson said to me before sailing were, not to let any contracts before he came home, which would be in July, and to be sure to make the changes in the model and in the building which he desired to have made. On the other hand, I receive your letter of the 23rd. in regard to the laying of the corner stone, which I can easily understand is a very real and important matter to you. Now the only way that I can see to reconcile these two opposite forces is to arrange for laying the corner stone, say on the porch or one end of the building, at the June Convocation, as you know has been done in other cases, and if you so desire I will work to that end.

I look at the Library as the most difficult problem which I have had to solve, and it is one which requires a great deal more study than it would to build an ordinary isolated building. One would naturally think on seeing the models that the plans of the building were already made, but it is not so. The models were made

PP 10/17
P. 1

CHARLES A. COOLIDGE

SHEPLEY, RUTAN & COOLIDGE
ARCHITECTS
AMES BUILDING, BOSTON

CHARLES H. RUTAN

Received

February 28th., 1909.

President Harry Pratt Judson,
University of Chicago.

My dear Dr. Judson:-

It is an awful thing to be a kernel of corn between the lower and upper mill stones, which pleasant position I apparently occupy at the present time. By this I mean that the very last words which Mr. Hyerson said to me before sailing were, not to let any contracts before he came home, which would be in July, and to be sure to make the changes in the model and in the building which he desired to have made. On the other hand, I receive your letter of the 23rd. in regard to the laying of the corner stone, which I can easily understand is a very real and important matter to you. Now the only way that I can see to reconcile these two opposite forces is to arrange for laying the corner stone, say on the porch or one end of the building, at the same convention, as you know has been done in other cases, and if you so desire I will work to that end.

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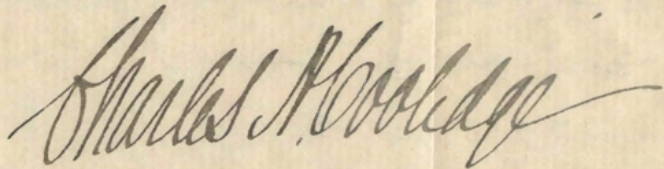
H.P.J. - 2.

first, from which to make the plans, and as there were many changes which the Building Committee were desirous of making, it was necessary to make these on the model before making the final drawings, and that is what I am attempting to accomplish now. As regards giving Dr. Goodspeed drawings for publication, and Mr. Littig, who wrote me the other day, a drawing of the library to put in his picture of the University, it is hard for them to understand that there are no drawings at the present time. However, I am trying to do what I can to please everybody in the matter and hope before long to be able to have everybody satisfied.

With kindest regards,

Very truly yours,

Dictated.

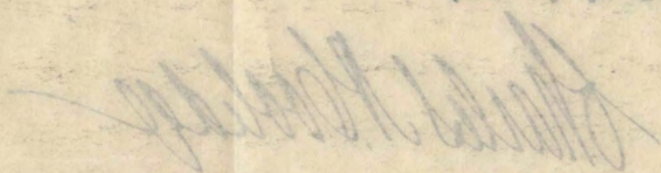
A handwritten signature in cursive script, reading "Charles A. Howland". The signature is written in dark ink and is positioned to the right of the typed name "Charles A. Howland".

H.P.L. - 2.

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Dictated.

71.499
E.9

March 2, 1909

My dear Mr. Coolidge:-

Your favor of the 26th of February received. Of course Mr. Ryerson was quite right in desiring to have the contracts withheld until his return. In the matter of the corner stone this is the situation.

If it is not laid at this June Convocation either it would have to be laid at the Convocation the last of August or at the December Convocation. The first is undesirable because most of the attendance at that time is on the part of students who are here for the summer quarter only. The second is undesirable because of the season. To have a public function sometime in the autumn quarter would be undesirable because it would necessitate a great many special arrangements. Moreover, in June the alumni and friends of the University are more largely in attendance. If, therefore, it is in any way practicable to lay the cornerstone in advance of letting the contract for the building I should think that would be the appropriate time. Perhaps Mr. Ryerson could return a little earlier than he now plans,

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so as to be with us then. Of course we know where the corner is to be. Could the stone be laid under these conditions? You understand that we have no desire at all to hasten your work; we simply want no undue delay.

Cordially yours,

H. P. Judson

The faculty contribution of some \$14,000 is desired by the contributors to be devoted to some particular feature of the Library which might be distinctive. I wonder whether you could make some suggestions along that line.

H. P. J.

Mr. Charles A. Coolidge,
Shepley, Rutan & Coolidge,
Ames Bldg., Boston, Mass.

PP 10:17
p. 4

-2-

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Mr. Charles A. Coolidge,
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Ames Bldg., Boston, Mass.

The purchase price of the 60th St. frontage of the three blocks lying between Dorchester and Kenwood, Kenwood to Kimbark, Kimbark to Woodlawn is as follows:

Location	Area	Price	Price per front ft.
S.W. cor. Dorchester	305 x 236	\$57,304.	\$188.
S.E. cor. Kenwood	102 x 206	22,138.	217.
S.W. cor. Kenwood	144 x 206	36,250.	250.
Inside Kenwood to Kimbark	144 x 206	26,650.	185.
S.E. cor. Kimbark Ainsworth Bldg.	87 x 157	90,000.	
S.W. cor. Kimbark	225 x 157	50,625.	225.
Inside Kimbark to Woodlawn	50 x 157	15,300.	300.
S.E. cor. Woodlawn Colmore Bldg.	100 x 150	120,000.	

The purchase price of the 60th St. frontage of the three blocks lying between Dorchester and Kenwood, Kenwood to Kimbark, Kimbark to

Woodlawn is as follows:

Location	Area	Price	Price per front ft.
S.W. cor. Dorchester	308 x 238	\$87,304.	\$188.
S.E. cor. Kenwood	102 x 208	22,128.	217.
S.W. cor. Kenwood	144 x 208	28,280.	280.
Inside Kenwood to Kimbark	144 x 208	28,280.	188.
S.E. cor. Kimbark Albionworth Bldg.	87 x 127	20,000.	
S.W. cor. Kimbark	228 x 127	20,628.	228.
Inside Kimbark to Woodlawn	50 x 127	12,300.	300.
S.E. cor. Woodlawn Colmore Bldg.	100 x 120	120,000.	

170 x 187 —
162 x 187

May
Fifteenth,
1915.

Shepley, Routan and Coolidge,
Chicago, Ill.

My dear Mr. Hodgson:-

Has Mr. Keller, of the Powers Regulator Company, seen you regarding their controller? I have for some time been making a study of the subject of controllers to be able to find exactly the article needed for our group showers in the Ida Noyes Hall. The regulator manufactured by the Hydrotherapeutic Company of New York, and ~~the~~ ^{and} ~~New~~ Wellesley is the best I have found, but the cost of that seemed prohibitive. The entire installation of that system has to be done by the Company. The Powers controller has many of the good points of the one just mentioned, and seems to me exactly the thing we need to have, and control which will make it possible for the instructor to adjust the temperature of the water for fifty showers by a simple turning of the key, and the temperature changes very rapidly. In a unit system like ours with fifty cells, individual control, would be out of the question. In this regulator the automatic closing of the valves with any change of water pressure reduces to the minimum the chance of hot water rushing out and burning the student. Two controllers would take care of the fifty cells with two shower heads in each cell, and they could be placed so close together so that it would be quite possible to manage them both at the same time.

For the showers for the pool, I think we

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and they could be placed so close together so that it would be

quite possible to manage them both at the same time.

For the showers for the pool, I think we

should have one controller, temperature to be determined and control set for that, and for each of the sixteen shower heads, a cold water valve, chain or otherwise, so that the individual could determine the temperature for herself. With this system the controller would determine the highest temperature, and so ^{present} can ~~change~~ the danger of burning which comes with individual control.

I should be very glad to know your opinion of this controller. I certainly hope it seems to you as well suited to our needs as it does to me.

Sincerely yours,

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to you as well suited to our needs as it does to me.
Sincerely yours,

June
First,
1915.

Mr. Wallace Heckman,
134 South La Salle street,
Chicago, Ill.

My dear Mr. Heckman:-

Your letter of May 26th awaited my return from the east yesterday. It seems quite inconceivable that an equipment as much a part of departmental work as is a shower control could be specified without consultation with the people who are to use said control.

Your report on the Ingham mixer in Bartlett is certainly very different from anything I have had either by report or experience. In Lexington I am positive that the showers have never been in condition to use for three consecutive days since they were installed. Even the new one, which Billy Ingham himself came over and put in for us, fails to work. But, suppose a mixer could be found that would work, for our group showers it would not meet the need. If the showers in the Ida Noyes are to fill the purpose for which they were planned, for they are to be used by classes as a part of the daily exercise, they must be under the control of one individual, and this control must be so adjusted that the temperature may be quickly changed from warm to cold, and changing for all shower heads alike. No mixer I have yet seen makes such control possible.

My experience with agents is so limited

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First,
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W. H. #3.

that I know nothing of the "pressure" to which you refer. In the case of the Powers Regulator I pursued the subject being interested in a report given me by a worker in one of the Parks where the Regulator has worked successfully for some months. If there is a better regulator I should be glad to have it considered. I recommended this one because after much study it seemed to me to fit our need.

If you feel that we must use mixers, could they not be put in the showers for the pool, then the individual could take as much time as is needed to get the correct temperature, and assume her own risk of being burned.

You know in the seventeen years I have been in Chicago, we have never had usable shower baths. It seems to me now that every effort must be made to get the most use for the greatest number out of what we are to have. Certainly a mixer for group showers to be used in accordance with our plans for said showers, will from a standpoint of our department, be an absolute waste.

I regret that I cannot see "wisdom in this action" and that I fail to "find the present device satisfactory".

Sincerely yours,

W. H. 43.

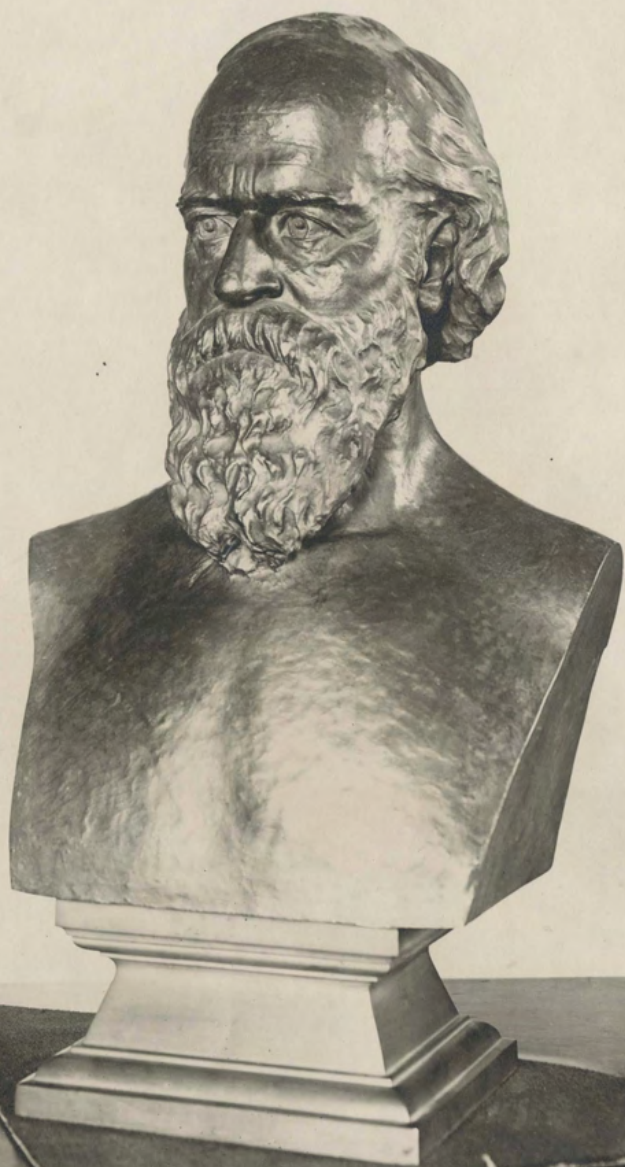
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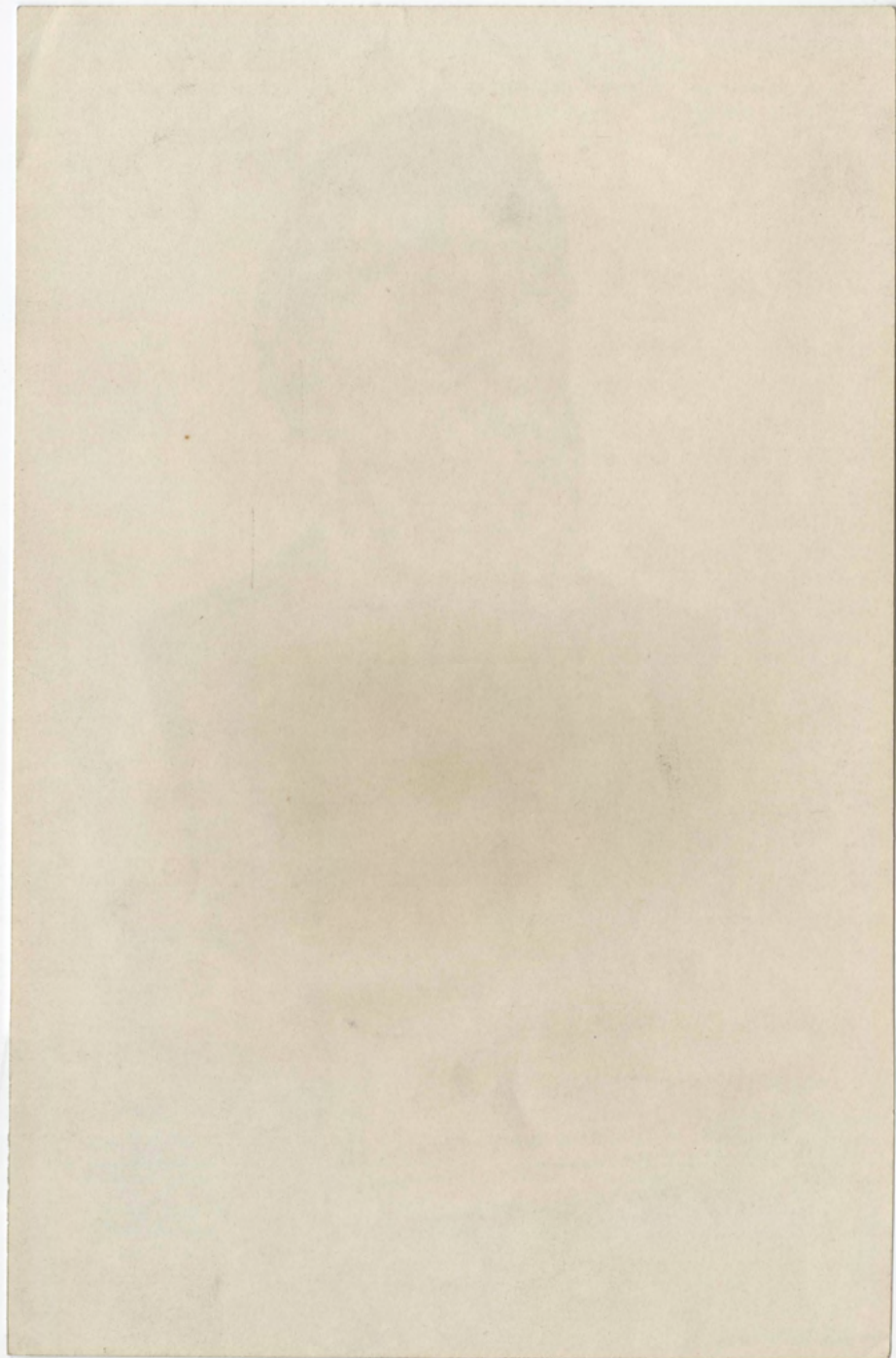
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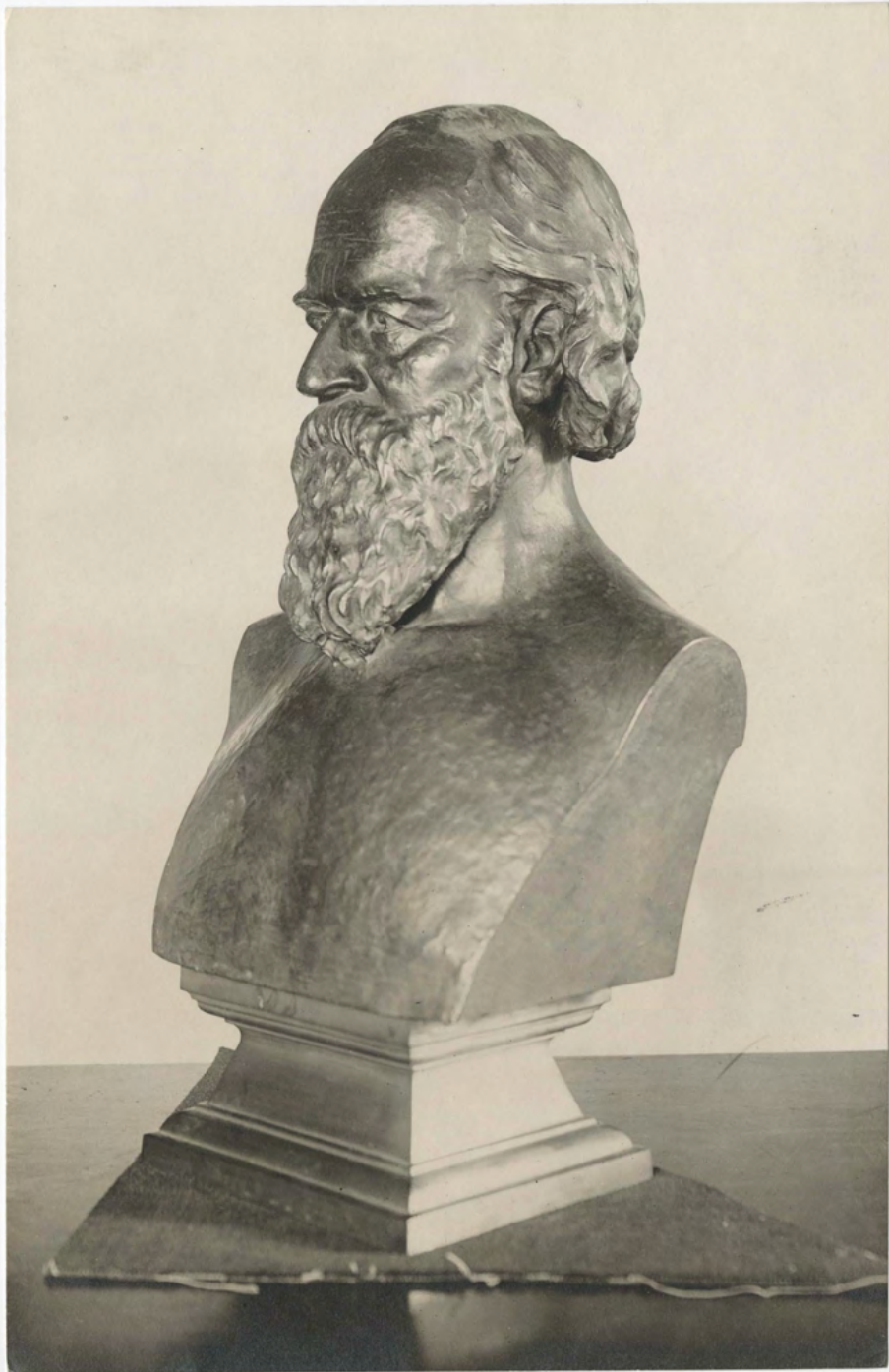
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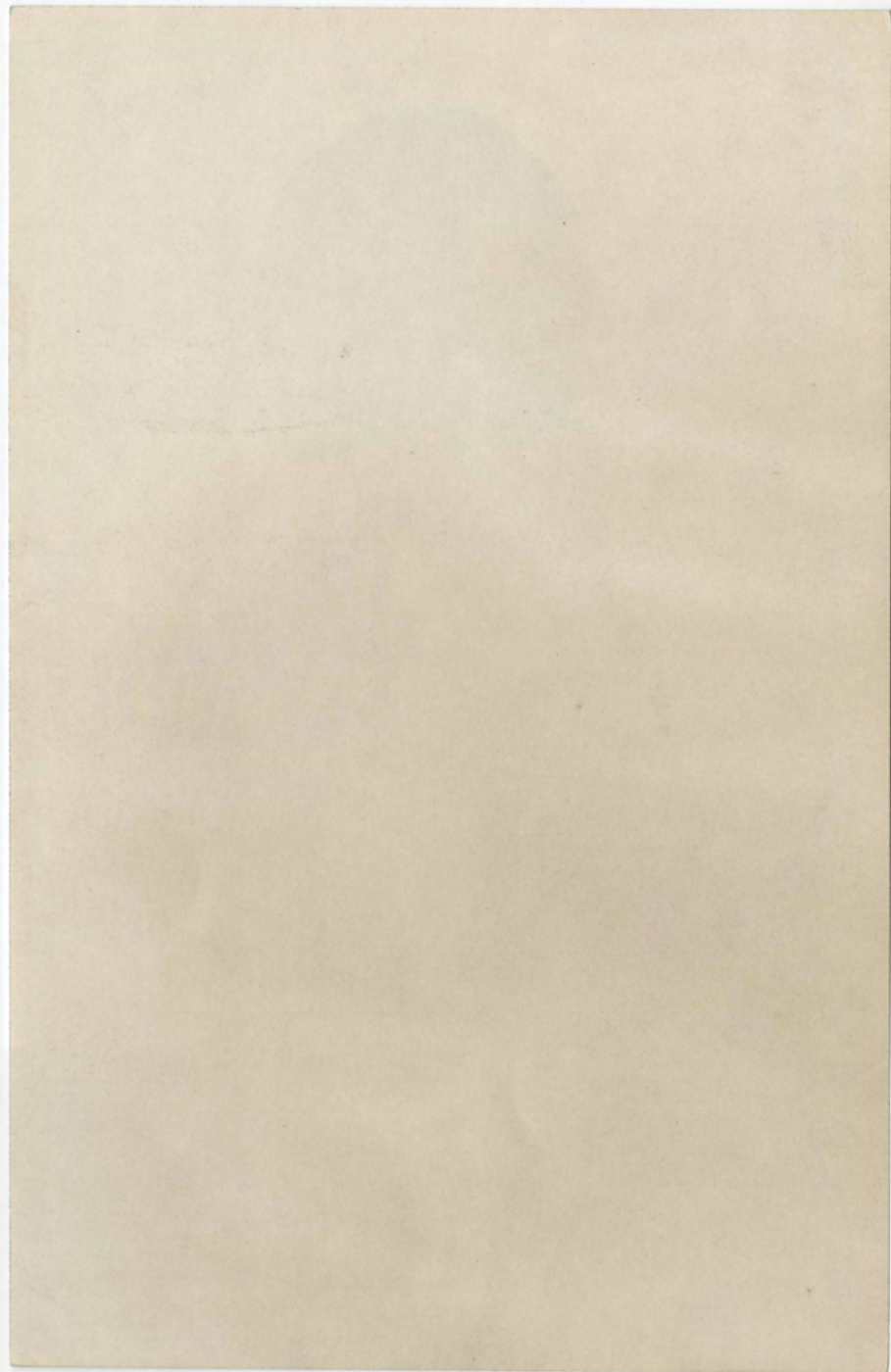
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Sincerely yours,









**HENRY IVES COBB
ARCHITECT**

100 WASHINGTON ST
CHICAGO

Cobb

Oct. 11th 1892.

17 David
M.H.

Dr. Wm. R. Harper.
President,
Chicago University,
City.

Dear Sir:-

I have your house all laid out, and Grace and Hyde have been carefully over it with me and estimate the cost, if we build it all four sides of stone throughout and tile roof, hardwood finish inside, the house would cost \$20,000.00, without the plumbing or heating. I have been thinking the matter over and I think now that that I would advise your building the brick and stone house instead of the stone house, as I find it makes four or five thousand dollars different. The house is a very large one and I do not see where I can cut down the size and fulfill your requirements. If it meets with your approval I will proceed at once to work the house out in brick and stone, and take bids on it.

Yours respectfully,

Henry Ives Cobb.

per *am*

PP 10:17

HENRY LIPS COBB
WASHINGTON, D.C.
1000

**HENRY IVES COBB
ARCHITECT**

100 WASHINGTON ST
CHICAGO

Mr. George C. Walker,
Lake Geneva, Wis.

June 21, 1894.

Dear Sir:

Your letter of June 19th at hand. As I said in answer to your telephone, I started at once to remodel the drawings of the President's house to see if it is possible to get a house that will answer the purpose and reduce to the figures you send me. There is no question about my being able to build a first rate house for \$23,000.00 and I hope to make one that will be satisfactory. I am reducing the size some, making the cost of the roof very much less and making it simpler wherever I can.

My idea is to take Rodatz, the lowest mason, and get a proposition from him for the mason work, then a proposition from the Frost Manufacturing Company, who are the lowest on the carpenter work and painting and glazing for everything else in the building. I hope in this manner to get it arranged so it is satisfactory. Just as soon as I can get reports from them I will let you know.

Yours respectfully,

Rec'd June 22

Henry Ives Cobb
Frost

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HENRY IVES COBB
ARCHITECT

100 WASHINGTON ST
CHICAGO

*Ans'd
mllb*
Cobb

December 6, 1892.

Wm. R. Harper, Esq.,

Pres't University of Chicago.

Dear Sir:

Yesterday afternoon Mr. Charles T. Yerkes appointed me architect for the observatory he is to build for your University. He requested that I communicate with you and collect all the information I could respecting the requirements of such a building as he proposes to erect. If you will kindly put me into communication with the proper parties, I will get things in shape to present to him.

Yours respectfully,

Henry Ives Cobb

PP 10:17

HENRY IVES COBB
ARCHITECT

100 WASHINGTON ST
CHICAGO

January 1, 1907

Mr. J. E. Barker, Esq.,

President, University of Chicago

Dear Sir:

I am very glad to hear from you.

I am sorry that I cannot do more for you.

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I am sorry that I cannot do more for you.

Sincerely,

Yours respectfully,

ADDRESS ALL COMMUNICATIONS RELATIVE
TO THE CHICAGO FEDERAL BUILDING TO
TREASURY DEPARTMENT, WASHINGTON, D. C.

HENRY IVES COBB
ARCHITECT

100 WASHINGTON ST., CHICAGO, ILL. June 24, 1896.

Paula
Dr. Wm. R. Harper,

Pres. University of Chicago, City.

OK
My dear Doctor:-- I know you will be exceedingly busy when you return, but I wish you could manage to drop in here for a few moments to go over the chapel drawings with me before I color them up, so that I may be sure that everything is as you want it. I ought to start coloring them Monday or Tuesday in order to have them properly finished for the first of July.

I will have a plan and a large water color picture. If I should not happen to be in the office when you come Mr. Stewart or Mr. Eckstorm will show you the drawings, so as to use as little of your time as possible. If you will set a time, then I will arrange my plans to be here.

Yours respectfully,

Henry Ives Cobb

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100 WASHINGTON ST., CHICAGO, ILL. June 24, 1896.

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Yours respectfully,

Henry Ives Cobb

HENRY IVES COBB
ARCHITECT

100 WASHINGTON ST. CHICAGO, ILL. JUNE 24, 1889

Mr. Wm. H. Sears,

Trust, University of Chicago, Ill.

My dear Professor-- I know you will be exceedingly busy when you

receive this, but I wish you could manage to drop in here for a few

moments to go over the chapel drawings with me before I color them

up, so that I may be able to do everything as you wish.

Again to thank you for the drawings in order to have

them properly finished for the first of July.

I will have a plan and a large water color picture. If

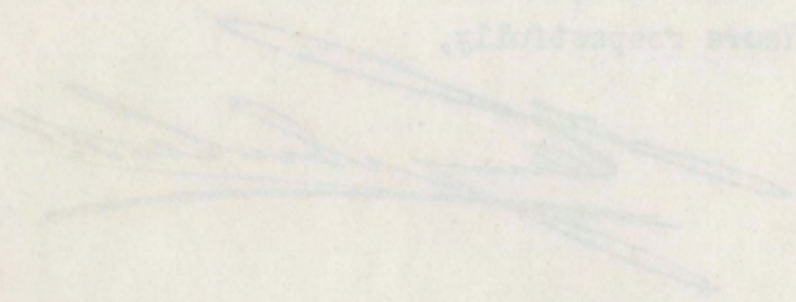
I should not happen to be in the office when you come Mr. Sears,

my little assistant will show you the drawings, so as to see as little

of your time as possible. If you will not mind, then I will

arrange my plans to be here.

Yours respectfully,



EASTERN OFFICE,
1759 N STREET,
WASHINGTON, D.C.

GOVERNMENT OFFICE,
TREASURY DEPARTMENT,
WASHINGTON, D.C.

WESTERN OFFICE,
100 WASHINGTON STREET,
CHICAGO, ILLINOIS.

HENRY IVES COBB
ARCHITECT.

Washington, D.C., September 15, 1899.

William R. Harper, President,
The University of Chicago,
Chicago, Illinois.

29

My Dear Doctor:-

Your letter of September 8th. has just
been forwarded to me.

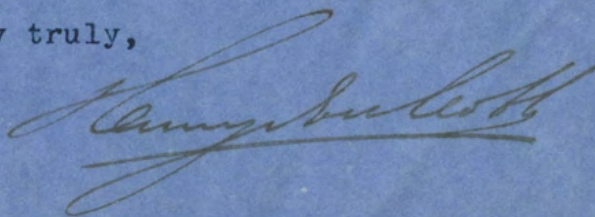
I have been skirmishing over the country a great deal
this summer trying to get some work to do, but it seems to be scarce,
so I am not always able to give my letters the personal attention
that they should have.

I am getting awfully tired of this knocking around the
country, and wish there was something going on in Chicago that would
keep me there; but building enterprises do not seem to be very
active in that part of the world.

As you seem to think it advisable for me to invest \$100
in the Paris Exposition, of course I have to take your advice. If
there is any way that I can be of assistance to you in getting up
the exhibit, I hope you will let me know, because I would gladly do
anything that I can.

With kindest regards, I remain,

Yours very truly,



THE UNIVERSITY OF CHICAGO
ARCHIVE

Chicago, Illinois, September 12, 1944

William R. Inge, President

The University of Chicago

Chicago, Illinois

My Dear Doctor:-

Your letter of September 8th has just

been forwarded to me.

I have been disappointed that the country is not that

this summer trying to get some work done, it seems to be because

in I do not always like to give up letters and personal attention

that I am afraid to.

I am getting really tired of this knocking around the

country, and with these and something going on in Chicago that will

keep me busy, but nothing satisfactory as yet seem to be very

active in that part of the world.

As you may be tired, it is possible for me to have a

in the future, and I hope I can be of assistance to you in some way.

There is very little that I can do of assistance to you in getting on

the subject, I hope you will let me know, because I would gladly do

anything that I can.

With kindest regards, I remain,

Yours very truly,



May
Nineteenth,
1915.

Mr. Wallace Heckamn,
134 South La Salle Street.

My dear Mr. Heckman:-

Saturday I wrote Mr. Hodgson rather fully regarding a Controller which I had hoped could be used for the group showers in the Ida Noyes Hall. Monday I learned that the Ingham Mixer had been specified. today in conversation with Mr. Janson I find that you are the one with whom the question should be discussed. I have asked Mr. Kellar of the Powers Regulator Company to see you, and go over with you their Controller. I have been working on this matter for several months, and this Controller seems to me to be the best thing I have seen, with the exception of one manufactured by the American Hydrothereupuetic Company of New York. The price of this one seemed to me prohibitive. The Powers Controller has many of the good points of that Manufactured by the New York firm, and seems to me, without a doubt, to be the thing we need for the showers. Of this I am certain, Mr. Heckman, that money spent for the Ingham Mixer will be money wasted. We have had them in our showers in Lexington for some years. Once out of every six times they may work, but even that is uncertain, and they are constantly being repaired. No mixer I have seen, and I have seen several, is safe, because they have no valvular

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W. H. #2.

adjustment for changing pressures, and the danger of being scalded is very great.

Will you not have the ordering of any mixer delayed until either you, or Mr. Janson, or both, have had time to go into this matter more fully. I should be glad to go over with you any time exactly the need for our shower control, if you have time to listen to me.

Sincerely yours,

W. H. H.

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scalded is very great.

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had time to go into this matter more fully. I should be

glad to go over with you any time exactly the need for our

shower control, if you have time to listen to me.

Sincerely yours,

Office of Business Manager of U. of C.

May 26, 1915.

Miss Gertrude Dudley.

My dear Miss Dudley:-

Referring to your favor of May 15th, I will bring your communication to the attention of Buildings and Grounds, but I am unable to give you much encouragement that

the change suggested will be made in the contract. As nearly as we are able to estimate the additional cost would be between \$700 and \$800.

The Powers Regulator, of which you speak, is up to the present time, so far as we are able to ascertain, not beyond the experimental stage. The mixer which has been specified is in satisfactory operation at Bartlett Gymnasium, also the Grand stands. We go over the details with considerable care, as you probably have observed, before the contracts are being let. The plans and specifications are open for inspection at the architect's office and studied carefully before contracts are closed so as to avoid any change in the way of extras after the contract has been let.

you probably have found, as we all do, that great pressure is brought to bear by agents of various devices in connection with these new buildings to get the University to experiment at its expense in the development or advertisement of new devices. This the board have not encouraged.

Trusting you will see the wisdom of this action and find that the present device is a satisfactory one, I remain,

Yours very truly,
Wallace Heckman.

Office of Business Manager of U. of C.

May 28, 1915.

Miss Gertrude Dudley.

My dear Miss Dudley:-

Referring to your favor of May 15th, I will bring your communication to the attention of Buildings and Grounds, but I am unable to give you much encouragement that

the change suggested will be made in the contract. As nearly as we are able to estimate the additional cost would be between \$700 and \$800.

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Yours very truly,
Wallace Hookman.

Buildings

December 8, 1909

Dear Mr. Slosson:-

In reading your very interesting article on Johns Hopkins University in the late "Independent" my attention is called to some statements with regard to buildings at the University of Chicago. \$800,000 is the total fund which we expect to have for the Harper Memorial Library. Of this, however, we are proposing to set aside \$200,000 as endowment, the income of which will be used for the physical care of the building. Further, it should be noted that nearly all of our buildings are gifts of individuals and as such are memorials. Of course under those circumstances the special cost of the construction must be expected. In buildings which the University itself may erect, however, we can effect a large saving. Contracts now proposed, for instance, contemplate a cost of twenty-six cents per cubic foot, and one building already erected by the University cost twenty-eight and one-half cents per cubic foot, whereas the cost of memorial buildings which have been

given us has been as high as thirty-five cents per cubic foot. I should not wish you to have an impression that we are building Chicago with undue extravagance. Of course it is true that we are building in the main permanent structures, and that in doing so we have in view certain artistic considerations. At the same time we have several temporary structures, and I fancy that if you remember Lexington and Ellis Halls, for instance, you will be quite sure that artistic considerations hardly played much part in their building.

We have all been greatly interested in your series, and congratulate you on its fairness and on the excellent pictures it has presented of the various institutions.

Very truly yours,

H.P.J.

H. P. Judson

Mr. Edwin E. Slosson,
"The Independent",
130 Fulton St., New York.

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Very truly yours,

H. P. Judson

Mr. Edwin E. Sloan,
"The Independent",
130 Fulton St., New York.

July 5th, 1901.

Buildings

My dear Mr. McLeish:

It occurs to me to offer the following suggestions.

First: A serious difficulty arises in reference to Mr. John D. Rockefeller, Jr's. plan for giving other architects an opportunity to draw plans for the gymnasium, in the fact that Shepley, Rutan & Coolidge have been legally employed to perform this service. An additional moral obligation is involved in the fact that they had already prepared the plans of a building which would have cost about four hundred thousand dollars. These plans were pushed aside a year ago when the Trustees asked them to prepare plans for a gymnasium on a smaller scale. They have put an immense amount of work on these plans and have cut them down on two different occasions and have taken actual bids for the present plans. Under these circumstances it would seem to be unjust and dishonorable to invite other architects to compete. Indeed, the

the other subjects to compare. Indeed, the
it would seem to be unjust and disproportionate to in-
for the present years. Under these circumstances
two different occasions and have taken several bids
of work on these years and have cut them down on
smaller scale. They have but an immense amount
asked them to describe years for a summary on a
were desired since a year ago when the minutes
about four hundred thousand dollars. These years
bated the years of a building which would have cost
is involved in the fact that they had a ready de-
torn this service. An additional note of objection
Bates & Co. have been recently employed to de-
years for the summary, in the fact that they have
giving other subjects an opportunity to draw
ance to Mr. John D. Rockefeller, Jr. A year for
That: A person differently chosen in refer-
following suggestions.

My dear Mr. Rockefeller:

It seems to me to offer the

very best of the

thing seems quite impossible; and of course Mr. John D., Jr., did not know these facts, or he would not have made his proposition.

Second: Bids were taken for the building four months ago. These bids aggregated \$243,000., without the architects' fees. Some of the bids were extremely low, particularly the bid for cut stone. The architects have used the same plans and cut down the expense so that bids have now been received which make it possible to put up the building for \$197,000., without the architects' fees. This low bid has been secured by using the old bid, made months ago, with modifications. The architects are very much disturbed lest the bidder should give up his bid; and it is stated that if the bid were to be given over again it would be at least ten thousand dollars higher for the one article of cut stone. Unless, therefore, the matter is settled within a short time, we shall lose the advantage of these old bids. This is something of which Mr. Rockefeller, Jr., was not informed.

Third: It is certainly true, as Mr. Rockefeller-

nothing seems to be in the way of course Mr.

John D. T. did not know these facts, or he would
not have made his proposition.

Second: Bills were taken for the printing of
1,000,000, 500,000, 250,000, 100,000, 50,000, 25,000, 10,000, 5,000, 2,500, 1,000, 500, 250, 100, 50, 25, 10, 5, 2, 1, 1/2, 1/4, 1/8, 1/16, 1/32, 1/64, 1/128, 1/256, 1/512, 1/1024, 1/2048, 1/4096, 1/8192, 1/16384, 1/32768, 1/65536, 1/131072, 1/262144, 1/524288, 1/1048576, 1/2097152, 1/4194304, 1/8388608, 1/16777216, 1/33554432, 1/67108864, 1/134217728, 1/268435456, 1/536870912, 1/1073741824, 1/2147483648, 1/4294967296, 1/8589934592, 1/17179869184, 1/34359738368, 1/68719476736, 1/137438953472, 1/274877906944, 1/549755813888, 1/1099511627776, 1/2199023255552, 1/4398046511104, 1/8796093022208, 1/17592186044416, 1/35184372088832, 1/70368744177664, 1/140737488355328, 1/281474976710656, 1/562949953421312, 1/1125899906842624, 1/2251799813685248, 1/4503599627370496, 1/9007199254740992, 1/18014398509481984, 1/36028797018963968, 1/72057594037927936, 1/144115188075855872, 1/288230376151711744, 1/576460752303423488, 1/1152921504606846976, 1/2305843009213693952, 1/4611686018427387904, 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ler states, that there is an opportunity to start afresh on the two blocks north of Fifty-seventh Street, and that the plans of the first building in general will set the pace for the buildings that are to follow. It should be noted, however,

a) That it is the general feeling of the faculty and of the Trustees that unity should be preserved as between buildings already built and those which shall be placed on the two blocks north of Fifty-seventh Street.

b) That, in view of the particularly fine buildings which are to be erected on the corner of Fifty-seventh Street and Lexington Avenue, a building directly across the street will be brought into close and critical comparison, and will be pronounced distinctly inferior if any serious modification is made.

c) That already \$45,000. have been cut out of the original plans of the gymnasium, much of this to secure the simplification suggested by Mr. Rockefeller.

d) That the cost involved is a cost made necessary by the large space called for, the ac-

necessary by the large space called for, the so-

abam that a is devoted as a court made

Rockefeller.

to secure the stipulation suggested by Mr.

the original plans of the Commission, which of this

to the two need even .000,345 ydarsels that (o

tion is made.

nonced distinct interior is and serious modifica-

close and elliptical combination, and will be pro-

ing directly across the street will be brought into

Eighty-seventh Street and Lexington Avenue, a mid-

buildings which are fore erected on the corner of

(d) That in view of the fact that the

Eighty-seventh Street.

which are placed on the two blocks north of

seated as between buildings already built and those

nity and of the distances that might possibly be de-

(e) That it is the General feeling of the In-

are to follow. It should be noted, however,

in General will set the base for the buildings that

Street, and that the plans of the street building

appear on the two blocks north of Fifty-seventh

let stated, that there is an opportunity to state

tual cost per cubic foot being really quite small in view of the character of the building.

Fourth: As Mr. Pyerson and Mr. Hutchinson have already indicated, Mr. Bartlett has been placed in a somewhat embarrassing position. His friends confidently expected his building to be started some time ago. His wife actually came from North Carolina in order to see the cornerstone laid in connection with the decennial exercises. Mr. Bartlett's own feelings are expressed in his letter of July third which I enclose, and which, I am sure, you can interpret better than I. I think that you might lay considerable stress upon this point. I am also sending you Mr. Gates' letter of July third, and I should like to have you in your letter indicate that his letter of July third is before you.

I remain

Yours very sincerely,

W. R. Harper

fuel cost per cubic foot being really quite small
in view of the character of the building.

Reply: As Mr. Ryerson and Mr. Hutchin-
son have already indicated, Mr. Bartlett has been
placed in a somewhat embarrassing position. His
friends confidently expected his building to be
started some time ago. His wife actually came
from North Carolina in order to see the corner-
stone laid in connection with the decennial exer-
cises. Mr. Bartlett's own feelings are expressed
in his letter of July third which I enclose, and
which, I am sure, you can interpret better than I.
I think that you might lay considerable stress
upon this point. I am also sending you Mr.
Gates' letter of July third, and I should like to
have you in your letter indicate that his letter
of July third is before you.

I remain

Yours very sincerely,

W. R. Harper

Building

Dec. 27th, 1901.

My dear Mrs. Ellis:-

Dr. Goodspeed has placed in my hands your suggestions in reference to the Women's building. These seem to me most admirable. I have been planning for some time a women's quadrangle in which there will be one building given to a café, lunch room and club rooms similar to those which you have indicated. It will be most excellent if we could do something and get the women to help undertake the erection of such a building. It will be necessary to have a very large building for the number of women coming to the University now is constantly increasing, and we must do nothing to interfere with the further increase in the number.

Thanking you for your interest, I remain

Yours very truly,

W. R. Harper

Mrs. Sumner Ellis,
Chicago.

Dec. 27th, 1901.

Countess

My dear Mrs. Ellis:-

Dr. Goodspeed has placed in my hands your

suggestions in reference to the Women's building. These seem to me

most admirable. I have been planning for some time a women's

quadrangle in which there will be one building given to a café, lunch

room and club rooms similar to those which you have indicated. It

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undertake the erection of such a building. It will be necessary to

have a very large building for the number of women coming to the

University now is constantly increasing, and we must do nothing to

interfere with the further increase in the number.

Thanking you for your interest, I remain

Yours very truly,

W. R. Harper

Mrs. Sumner Ellis

Chicago.

Dec. 5th, 1901.

Mr. James Gamble Rogers,
1219 Ashland block, Chicago.

My dear Mr. Rogers:-

Your note of December second has been received. Your understanding of the case is correct, namely, that the electric current for both power and lighting, and the steam for the heating of the buildings will be taken from the central station, and the electric current and steam will be brought up to the walls of the buildings of the school of Education. I am quite sure that the central plant will furnish power enough for the Training School.

Hoping that you are making good progress on the buildings,
I remain

Yours very truly,

W. R. Harper

Dec. 25th, 1901.

Mr. James Gamble Rogers,

1219 Ashland Block, Chicago.

My dear Mr. Rogers:-

Your note of December second has been received. Your understanding of the case is correct, namely, that the electric current for both power and lighting, and the steam for the heating of the buildings will be taken from the central station, and the electric current and steam will be brought up to the walls of the buildings of the School of Education. I am quite sure that the central plant will furnish power enough for the Training School.

Hoping that you are making good progress on the buildings,

I remain

Yours very truly,

W. R. Harper

JAS. GAMBLE ROGERS
ARCHITECT

1219
1211 ASHLAND BLOCK, CHICAGO
TELEPHONE CENTRAL 1524

December 2nd, 1901.



President W. R. Harper,

University of Chicago, City.

Dear Dr. Harper,

I am making the drawings and specifications of the buildings for the School of Education with the understanding that the electric current for both power and lighting and the steam for the heating of the buildings will be taken from the central station and that the electric current and the steam will be brought up to the walls of these buildings.

Am I right in this understanding?

Professor Belfield says that power will be required in all the manual training shops except the foundry. This plan assumes that the manual training school will have no power plant of its own as it does in its present quarters.

If the manual training school is to have a power plant of its own now is the time for you to order it put in.

Yours Very Respectfully

Jas. Gamble Rogers.

December 2nd, 1901.

President W. R. Harper,

University of Chicago, City.

Dear Dr. Harper,

I am making the drawings and specifications

of the buildings for the School of Education with the
understanding that the electric current for both power and
lighting and the steam for the heating of the buildings
will be taken from the central station and that the electric
current and the steam will be brought up to the walls of
these buildings.

It is right in this understanding
Professor Ballfield says that power will be
required in all the manual training shops except the foundry.
This plan assumes that the manual training school will have
no power plant of its own as it does in its present quarters.
If the manual training school is to have a
power plant of its own now is the time for you to order it

Yours,

Yours Very Respectfully

Jas. Gamble Rogers

JAS. GAMBLE ROGERS
ARCHITECT

"Subject"
School of Education.

1219 ASHLAND BLOCK, CHICAGO
TELEPHONE CENTRAL-1524

President William R. Harper,

December 30th, 1901.

University of Chicago, City.

Dear Dr. Harper,

I am writing the specifications with the idea of keeping the cost of the manual training school separate from the Elementary and Pedagogic school; that is to say I am requesting that the contractors give their bids as follows: one price for the manual training school, one price for elementary school and a price for both. Three different bids in all.

This will enable you to tell how much each part will cost you. Am I doing this in a way satisfactory to you?

Yours Very Respectfully

Jas. Gamble Rogers

JAS. GAMBLE ROGERS
ARCHITECT

School of Education.
"Subject"

1519 ASHLAND AVE., CHICAGO
TELEPHONE CENTRAL-1524

President William R. Harper,

University of Chicago, City.

Dear Dr. Harper,

I am writing the specifications with the idea of keeping the cost of the manual training school separate from the Elementary and Pedagogic school; that is to say I am requesting that the contractors give their bids as follows: one price for the manual training school, one price for elementary school and a price for both. Three different bids in all.

This will enable you to tell how much each part will

cost you. Am I doing this in a way satisfactory to you?

Yours Very Respectfully

J. Gamble Rogers

December 30th, 1901.

JAS. GAMBLE ROGERS
ARCHITECT

"Subject"
School of Education.

1219 ASHLAND BLOCK, CHICAGO
TELEPHONE CENTRAL-1524

December 30th, 1901.

President William R. Harper,

University of Chicago, City.

Dear Dr. Harper,

I am making the electric specifications on the basis of lighting the buildings at night, that is to say giving sufficient light to conduct classes and all exercises at night.

If you do not intend to use the school at night now or in the immediate future this is an unnecessary expense.

Shall I not make my specifications on this basis and when the bids are in we can discuss, before letting the contracts, what portion of the buildings we will equip for night work.

Yours Very Respectfully

Jas. Gamble Rogers

JAS. GAMBLE ROGERS
ARCHITECT

School of Education.
Subject

December 30th, 1901.
TELEPHONE CENTRAL 1084
1519 ARLAND BLVD., CHICAGO

President William R. Harper,

University of Chicago, City.

Dear Dr. Harper,

I am making the electric specifications on the
basis of lighting the buildings at night, that is to say giving suffi-
cient light to conduct classes and all exercises at night.
If you do not intend to use the school at night
now or in the immediate future this is an unnecessary expense.
I shall I not make my specifications on this basis
and when the bids are in we can discuss, before letting the contracts,
what portion of the buildings we will equip for night work.

Yours Very Respectfully

JAS. GAMBLE ROGERS
ARCHITECT

1219 ASHLAND BLOCK, CHICAGO
TELEPHONE CENTRAL 1524

December 31st, 1901.

"Subject"
School of Education.



President William R. Harper,

University of Chicago, City.

Dear Dr. Harper,

I am pleased to answer your inquiry about the state of the plans and when they will be given out.

I am now working up the details, making the iron plans, the plumbing plans, electric plans and the heating and ventilation plans.

They will be ready to give the contractors for bids near the end of January.

Have you leisure to give me a few moments to talk over the temporary assembly room? I can meet any appointment if you will give me one days notice.

Yours Very Respectfully

Jas. Gamble Rogers.

AS. GAMBLE ROGERS
ARCHITECT

December 21st, 1901.

"Engineer"
School of Architecture.

President William R. Harper,

University of Chicago, City.

Dear Dr. Harper,

I am pleased to answer your inquiry about the

state of the plans and when they will be given out.

I am now working up the details, making the

iron plans, the plumbing plans, electric plans and the

heating and ventilation plans.

They will be ready to give the contractors

for bids near the end of January.

Have you leisure to give me a few moments

to talk over the temporary assembly room? I can meet you

anytime if you will give me one day's notice.

Yours Very Respectfully

POLICY

Centrally located business fee rentals, secured by a permanent improvement by the tenant, is, in the judgment of this department, the particular class of improvement which the University ought to seek. The quality of quick merchantability which this class of investment lacks, and which gives to railway bonds their high value and low interest, has no attraction for the University. It is almost never necessary for the University to convert quickly any part of its Endowment Fund. Its present distribution, or any proper distribution, will always provide it with a sufficient quantity of quickly convertible securities.

Until something like a year and a half ago, the real estate of the University was to a considerable extent handled by real-estate agents. All of the property of the University is now handled through this office directly, except the Culver Fund property, which is in charge of Mr. Charles Hull Ewing. The total number of our tenants is 682.

UNIVERSITY BUILDINGS

The following table indicates the time of erection and the cost of the various University buildings:

	DATE	COST
Cobb Hall - - - - -	1892	\$221,956.03
Graduate and Divinity Halls - - - - -	1892	172,805.72
Kent Laboratory - - - - -	1893	202,270.19
Ryerson Laboratory - - - - -	1893	200,371.41
Snell Hall - - - - -	1893	53,586.41
Foster Hall - - - - -	1893	62,966.86
Beecher Hall - - - - -	1893	62,126.05
Kelly Hall - - - - -	1893	62,149.21
Walker Museum - - - - -	1893	109,275.11
Haskell Museum - - - - -	1896	103,017.49
Hull Laboratories - - - - -	1897	325,000.00
Yerkes Observatory - - - - -	1897	325,000.00
Green Hall - - - - -	1898	72,000.00
Foster Hall Addition - - - - -	1900	20,466.04
Ellis Hall - - - - -	1901	24,983.89
Hitchcock Hall - - - - -	1902	150,499.08
Press Building - - - - -	1903	105,851.72
Bartlett Gymnasium - - - - -	1903	237,907.70
Power Plant - - - - -	1902	389,467.80
School of Education—Temporary Gymnasium - - - - -	1902	10,000.00
School of Education - - - - -	1903	394,323.04
Tower Group - - - - -	1903	411,509.09
Law Building - - - - -	1904	277,150.39
Manual Training School - - - - -	1903	220,128.84
Lexington Hall - - - - -	1903	49,678.45
Total - - - - -		\$4,264,490.52

University campus, total 66.12 acres.

Total cost of University campus, including improvement of grounds - - - - - \$2,712,430.05

University Press, total investment exclusive of building \$122,598.42

BUILDINGS AND GROUNDS

LIST OF UNIVERSITY BUILDINGS, WITH FLOOR AREA, CUBIC CONTENTS, RADIATION SURFACE, ETC., JUNE 30, 1902

BUILDING	DESCRIPTION	FLOOR AREA	CUBIC SPACE	RADIATION		DISTANCE FROM POWER HOUSE
				Direct	Indirect	
Cobb Lecture Hall.....	Four-story recitation building; basement and attic in use.	72,686 sq. ft.	836,892 ft.	6,664 sq. ft.	6,129 sq. ft.	836 ft.
North Hall.....	Four-story dormitory building; basement in use; 62 rooms; 44 beds.	15,780	168,245	2,592	300	836
Middle Divinity Hall.....	Five-story dormitory building; basement and attic in use; 86 rooms; 89 beds.	25,684	250,000	3,532	400	913
South Divinity Hall.....	Four-story dormitory building; basement in use; 62 rooms; 45 beds.	15,780	168,245	2,592	300	1,013
Haskell Oriental Museum....	Three-story museum building, containing administrative offices and recitation rooms; basement in use.	22,968	295,590	3,685	.....	987
Walker Museum.....	Three-story museum building; basement in use.	22,724	294,561	3,406	296	1,547
Nancy Foster Hall.....	Five-story dormitory building; basement in use.	24,100	.....	.....	.....	.....
Kelly Hall.....	Four-story dormitory building; basement in use.	15,870	.....	.....	.....	.....
Green Hall.....	Five-story dormitory building; basement in use.	26,400	.....	.....	.....	.....
Beecher Hall.....	Four-story dormitory building; basement in use.	15,760	800,946	11,329	160	1,487
Ryerson Physical Laboratory	Three-story laboratory building; basement in use.	42,780	636,000	2,954	1,716	774
Kent Chemical Laboratory...	Three-story laboratory building, with auditorium annex; basement in use.	49,363	677,075	4,544	1,204	499
Botany Building.....	Four-story laboratory building; greenhouse on roof; basement in use.	29,340	274,724	3,408	2,100	860
Zoölogy Building.....	Four-story laboratory building; greenhouse annex; basement in use.	29,340	321,164	3,887	2,196	860
Anatomy Building.....	Four-story laboratory building; basement in use.	29,340	321,164	3,950	2,196	595
Physiology Building.....	Four-story laboratory building; greenhouse annex; basement in use.	29,340	272,324	3,408	2,100	595
Snell Hall.....	Four-story dormitory building; basement in use; 64 rooms; 50 beds.	16,605	150,480	2,134	175	390
Lexington Hall.....	Temporary recitation building and gymnasium; one story.	22,050	298,200	4,260	.....	1,650
President's House.....	Three-story residence; heat and light, but no janitor service, provided by the University.	.....	88,440	1,100	125	1,712
5704 Ellis Avenue.....	Two-story recitation building used temporarily by Department of Psychology.	2,940	18,900	.....	225	200
Power House.....	Central heat, light, water, and power plant	17,220	359,100	500	.....	.....
Ellis Hall.....	One-story temporary recitation building.	20,659	335,569	1,818	.....	200
		546,729 sq. ft.	6,576,619 ft.	65,763 sq. ft.	19,622 sq. ft.	

LIST OF UNIVERSITY BUILDINGS, WITH FLOOR AREA, CUBIC CONTENTS, RADIATION SURFACE, ETC., JUNE 30, 1904

BUILDING	DESCRIPTION	FLOOR AREA	CUBIC SPACE	RADIATION		DISTANCE FROM POWER HOUSE
				Direct	Indirect	
Cobb Lecture Hall.....	Four-story recitation building; basement and attic in use.	72,686 sq. ft.	836,892 ft.	6,664 sq. ft.	6,129 sq. ft.	836 ft.
North Hall.....	Four-story dormitory building; basement in use; 62 rooms; 44 beds.	15,780	168,245	2,592	300	836
Middle Divinity Hall.....	Five-story dormitory building; basement and attic in use; 86 rooms; 89 beds.	25,684	250,000	3,532	400	913
South Divinity Hall.....	Four-story dormitory building; basement in use; 62 rooms; 45 beds.	15,780	168,245	2,592	300	1,013
Haskell Oriental Museum....	Three-story museum building, containing administrative offices and recitation rooms; basement in use.	22,968	295,590	3,685	....	987
Walker Museum.....	Three-story museum building; basement in use.	22,724	294,561	3 406	296	1,547
Nancy Foster Hall.....	Five-story dormitory building; basement in use.	24,100	.....	.....	....	....

LIST OF UNIVERSITY BUILDINGS, WITH FLOOR AREA, CUBIC CONTENTS, RADIATION SURFACE, ETC., JUNE 30, 1904—Continued

BUILDING	DESCRIPTION	FLOOR AREA	CUBIC SPACE	RADIATION		DISTANCE FROM POWER HOUSE
				Direct	Indirect	
Kelly Hall.....	Four-story dormitory building; basement in use.	15,870	.....	.....	.....	.....
Green Hall.....	Five-story dormitory building; basement in use.	26,400	.....	.....	.....	.....
Beecher Hall.....	Four-story dormitory building; basement in use.	15,760	809,946	11,329	160	1,487
Ryerson Physical Laboratory.	Three-story laboratory building; basement in use.	42,780	636,000	2,954	1,716	774
Kent Chemical Laboratory...	Three-story laboratory building, with auditorium annex; basement in use.	49,363	677,075	4,544	1,204	499
Botany Building.....	Four-story laboratory building; greenhouse on roof; basement in use.	29,340	274,724	3,408	2,100	860
Zoölogy Building.....	Four-story laboratory building; greenhouse annex; basement in use.	20,340	321,164	3,887	2,196	860
Anatomy Building.....	Four-story laboratory building; basement in use.	29,340	321,164	3,950	2,196	595
Physiology Building.....	Four-story laboratory building; greenhouse annex; basement in use.	29,340	272,324	3,408	2,100	595
Snell Hall.....	Four-story dormitory building; basement in use; 64 rooms; 59 beds.	16,605	150,480	2,134	175	390
Lexington Hall.....	Temporary recitation building and gymnasium; one story.	22,050	298,200	4,260	.....	1,650
President's House.....	Three-story residence; heat and light, but no janitor service, provided by the University.	.....	88,440	1,100	125	1,712
5700 Ellis Avenue.....	One-story building; office of Business Manager and Superintendent of Buildings and Grounds.	880	16,800	200	.....	200
5704 Ellis Avenue.....	Two-story recitation building used temporarily by Department of Psychology.	2,940	18,900	.....	225	200
Charles Hitchcock Hall.....	Four-story dormitory building; basement in use; 99 rooms; 105 beds.	30,032	355,192	5,700	3,300	450
Power Plant.....	Central Heat, Light, Water, and Power Plant.	17,220	359,100	500	.....	...
School of Education, Emmons Blaine Hall.....	Four-story recitation building.	77,830	946,900	9,500	8,500	2,725
Temporary Gymnasium, School of Education.....	One story gymnasium and assembly hall.	6,480	122,500	1,000	.....	2,700
Manual Training School.....	Manual Training and recitation building.	41,580	578,300	2,800	4,300 2,900	2,702
Leon Mandel Assembly Hall..	Assembly Hall.	20,373	399,185	930	2 fans 120" each 1 motor 20 H.P.	950
Reynolds Club.....	Three-story Students' Club House; basement in use.	20,666	217,639	2,412	575 sq. ft. 1 motor 15 H.P.	950
Hutchinson Hall.....	Commons Building.	21,090	438,195	1,211	1,853 sq. ft. 8 motors 35.5 H.P.	950
Mitchell Tower and Cloister..	Tower Group of Buildings.	{ 2,520 2,142	{ 73,920 66,768	{ 670 340	1 motor 7.5 H.P.	950
The Frank Dickinson Bartlett Gymnasium.....	Gymnasium Building	58,669	993,042	2,507	2,675 sq. ft. 4 motors 40 H.P. 1 blast fan 140" 1 exhaust fan 140"	1,297
Press Building.....	Four-story building used by University of Chicago Press and General Library.	42,131	424,509	5,293	1 exhaust fan 90" 10 motors 43½ H.P.	140
Law School.....	Three-story recitation building; one floor library stack room.	38,581	618,242	3,193	3,033 sq. ft. 6 motors 30.5 H.P.	1,237
Ellis Hall.....	One-story temporary recitation building.	20,659	335,569	1,818	.....	200
		909,703 sq. ft.	11,827,811 ft.	101,519 sq. ft.	46,758 sq. ft.	

RECAPITULATION OF FLOOR AREA, ETC.

	1902-3	1903-4	Increase
Number of buildings.....	22	34	12
Floor area.....	546,729	909,703	362,974
Cubic space.....	6,576,619	11,827,811	5,251,192
Direct radiation.....	65,763	101,519	35,756
Indirect radiation.....	19,622	67,677	48,055

THE PRESIDENT'S REPORT

MAINTENANCE OF BUILDINGS AND GROUNDS

	1902-3	1903-4	INCREASE 1903-4 OVER 1902-3	
			Amount	Per cent.
Superintendence.....	\$ 3,270.00	\$ 3,600.00	\$ 330.00	10.10
Power-plant wages.....	5,221.00	14,117.00	8,896.00	170.50
General fuel and light.....	30,646.00	44,230.00	13,584.00	44.33
Engineer's supplies.....	474.00	2,639.00	2,165.00	456.75
Janitors.....	14,330.00	26,600.00	12,270.00	85.75
Carpenters.....	720.00	1,500.00	780.00	108.33
Painters.....	720.00	720.00	.....	.....
Botany gardener.....	690.00	720.00	30.00	4.33
Campus improvement.....	1,154.00	971.00	- 183.00	- 15.75
Campus labor.....	2,700.00	2,633.00	- 67.00	2.50
Furniture.....	4,820.00	3,725.00	-2,095.00	43.50
Janitor's supplies.....	739.00	1,141.00	402.00	54.33
Repairs.....	4,833.00	8,328.00	3,495.00	72.33
Buildings and Grounds miscellaneous.....	.....	957.00	957.00	.....
Insurance and taxes.....	4,190.00	7,742.00	3,552.00	84.75
Telephones.....	1,846.00	2,810.00	964.00	52.50
Total.....	\$76,353.00	\$121,433.00	\$45,080.00	59.00

COST OF JANITOR SERVICE PER SQUARE FOOT

	1902-3	1903-4
Number of square feet.....	546,729	909,703
Total cost.....	\$14,330.00	\$26,600.00
Cost of square foot per year.....	0.026	0.029

Increased cost of janitor service in 1903-4 over 1902-3: 0.003 cent per square foot.

The University buildings and grounds are under the direct supervision of the Superintendent of Buildings and Grounds.

The management of the University Press is in charge of the Director of the Press.

The disbursements for each current year commencing with each July are provided for in a budget prepared six months before the year opens, and so closely have these expenditures been gauged that a Contingent Fund of only \$20,000 has, up to the present, been deemed sufficient to provide for unexpected items.

The total budget expenditures for the year ending July 30, 1903, were \$1,020,224.92. The total income from all sources for the same period was \$982,609.94.

The total budget expenditures for the year ending June 30, 1904, were \$1,032,533.39. The total income from all sources for the same period was \$1,034,486.32.

Respectfully submitted,

WALLACE HECKMAN,

Counsel and Business Manager.

JAS. GAMBLE ROGERS
ARCHITECT

1219 ASHLAND BLOCK, CHICAGO
TELEPHONE CENTRAL 1524

January 11th, 1902.

✓
President William R. Harper,
University of Chicago, City.



Dear Dr. Harper,

Could you have sent to the heads of the various departments of the Academic and Peagodic School and of the Manual Training School the following notice:

"Please go at once to Mr. Rogers office, 1219 Ashland Block and see that the details of your department are correctly arranged.

Please telephone Mr. Rogers - telephone No. Central 1524 - to arrange for an appointment. Any delay in seeing these drawings will delay the progress of the building just that much."

I would send these notices myself but I am not sure about the names of the heads of the departments nor of their addresses.

Yours Very Respectfully

Jas. Gamble Rogers

January 11th, 1902.



University of Chicago, City.

President William R. Harper,

Dear Mr. Harper,

Could you have sent to the heads of the various

departments of the Academic and Paedagogic School and of the

Manual Training School the following notice:

"Please go at once to Mr. Rogers office,
1819 Ashland Block and see that the details
of your department are correctly arranged.
Please telephone Mr. Rogers - telephone
No. Central 1834 - to arrange for an appoint-
ment. Any delay in seeing these drawings
will delay the progress of the building just
that much."

I would send these notices myself but I am

not sure about the names of the heads of the departments

nor of their addresses.

Yours Very Respectfully

W. Gamble Rogers

JAS. GAMBLE ROGERS
ARCHITECT

"Subject"
School of Education.

1219
1514 ASHLAND BLOCK, CHICAGO
TELEPHONE CENTRAL 1524

January 4th, 1902.

President William R. Harper,

University of Chicago, City.

Dear Dr. Harper,

In reply to your inquiries yesterday morning
in regard to the possibilities of being able to find room
in the buildings I am now building for you for the following
students;

Pedagogic =..... 250
Elementary =..... 250
South Side Academy =..... 250
Chicago Manual Training School = 250
Total =.....1000,

I would say that the manual training school
is planned to accommodate more than 250. Therefore we will
eliminate this from the calculations.

This leaves us 750 pupils to be accommodated
in the Pedagogic and Elementary School.

By seating the pupils as they are seated in the
Chicago Public Schools we have seating space for 756 distributed
as the different schools may wish. This you see is six more than
you asked for.

This counting is made on the basis of seating
them in class rooms etc., but not in the following rooms:



*Mr. Wm. Rogers
note & return
to Mr. Harper*

[Handwritten signature]

January 4th, 1902.

President William R. Harper,

University of Chicago, City.

Dear Dr. Harper,

In reply to your inquiries yesterday morning
in regard to the possibilities of being able to find room
in the buildings I am now building for you for the following
students:

Pedagogic =	250
Elementary =	250
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Total =	1000

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is planned to accommodate more than 250. Therefore we will
eliminate this from the calculations.
This leaves us 750 pupils to be accommodated
in the Pedagogic and Elementary School.
By seating the pupils as they are seated in the
Chicago Public Schools we have seating space for 750 distributed
as the different schools may wish. This you see is six more than
you asked for.
Total counting is made on the basis of seating

them in class rooms etc., but not in the following rooms:

JAS. GAMBLE ROGERS
ARCHITECT

1314 ASHLAND BLOCK, CHICAGO
TELEPHONE CENTRAL 1524

President William R. Harper, Cont'd.
#2.

Presidents rooms; Deans rooms; wood manual training room;
French room; history and literature rooms; oral reading and
music room; library, reading rooms and office; physics de-
partment; biology department; chemistry department; geography
and geology rooms; domestic science and art rooms; art museum;
clay modelling and drawing rooms.

Trusting that this is what you wish, I am

Yours Very Respectfully

Jas. Gamble Rogers

President William R. Harper, Conf. 1.
42.

President's room; Dean's room; wood manual training room;
French room; history and literature room; oval reading and
music room; library, reading room and office; physics de-
partment; biology department; chemistry department; geography
and geology room; domestic science and art room; art museum;
clay modelling and drawing room.

Trusting that this is what you wish, I am

Yours Very Respectfully

JAS. GAMBLE ROGERS
ARCHITECT

"Subject"
School of Education.

1219 ASHLAND BLOCK, CHICAGO
TELEPHONE CENTRAL-1524

April 12th, 1902.

Dr. William H. Harper,

President of the University of Chicago.

File

Dear Sir,

In response to your inquiries about estimates for certain deductions for changes in the School of Education Building I respectfully submit the following:

If the roof was built, instead of all steel and tile as it now is designed, of iron trusses and braces and wood for the other part

there would be a deduction of \$ 6000.00

It is necessary to make trusses of steel as the wood beams would cut up the rooms and make our present lay out impossible.

If, in place of the fireproof floor construction, wooden joists are used throughout except in corridors

there would be a deduction of \$16000.00

In a building like this it is necessary to make the corridor fireproof. It is done even in our public schools. In case of fire the students would almost instantly leave the rooms and be in an absolutely fireproof corridor separated from the rooms by a brick wall.

If, instead of stone exterior, the exterior is of stone trimmings and of brick filling

there would be a deduction of \$27000.00

Trusting that this is what you wished, I am

Yours Very Respectfully

Jas. Gamble Rogers

PP 12:17

THE ASHLAND BLOCK, CHICAGO
TELEPHONE CENTRAL-1224

April 18th, 1902.

"Project"
School of Education

JAS. GAMBLE ROGERS
ARCHITECT

Dr. William H. Harper,

President of the University of Chicago.

Dear Sir,

In response to your inquiries about estimates for
certain deductions for changes in the School of Education Building
I respectfully submit the following:

If the roof was built, instead of all
steel and tile as it now
is designed, of iron trusses
and braces and wood for the
other part
there would be a deduction of \$ 5000.00

It is necessary to make
trusses of steel as the
wood beams would not up
the rooms and make our
present lay out impossible.

It, in place of the first floor
construction, wooden joists
are used throughout except
in corridors
there would be a deduction of \$15000.00

In a building like this
it is necessary to make
the corridor fireproof.
It is done even in our
public schools. In case
of fire the students would
almost instantly leave the
rooms and be in an absolute-
ly fireproof corridor and
safely from the smoke of a
brick wall.

It, instead of stone exterior, the exterior
is of stone trimmings and of
brick filling
there would be a deduction of \$2000.00

Trusting that this is what you wished, I am

Very respectfully