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 SEE PAGE 11.

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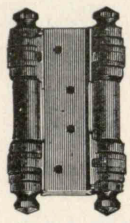
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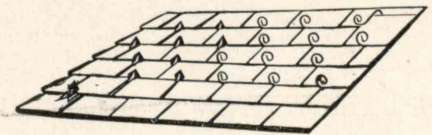
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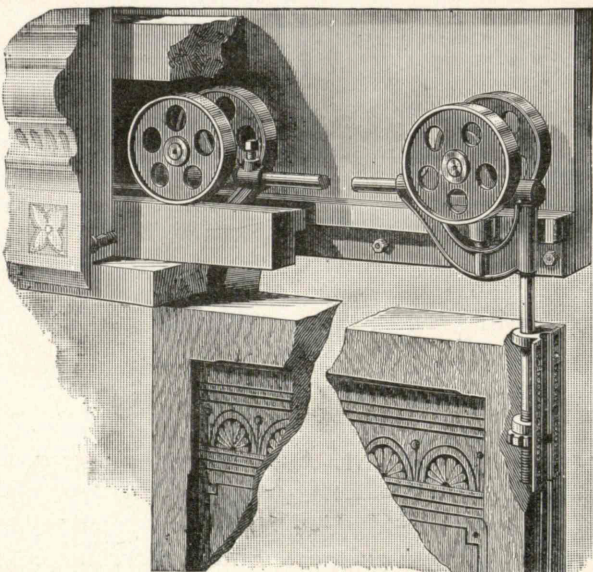
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TECHNOLOGY ARCHITECTURAL REVIEW.

DEPARTMENT OF ARCHITECTURE,

Massachusetts Institute of Technology.

VOL. I.

BOSTON, JANUARY 15, 1888.

No. 3.

TECHNOLOGY ARCHITECTURAL REVIEW.

PUBLICATION OF

The Massachusetts Institute of Technology Architectural Society.

HENRY D. BATES. THOMAS R. KIMBALL.
EDITORS.

THE friends of the REVIEW will read with interest the following extract from an article which appeared in *La Semaine des constructeurs*, of Paris, March 10, 1888:—

. . . We have before us an American publication of architecture, made up in part of students' work,— a publication whose tendencies and results may have a happy or an unhappy influence from an æsthetic point of view, but a publication which must infallibly serve the cause of art by aiding its diffusion.

When we add that this publication is issued under the auspices and under the direction of the society,— or perhaps rather of the Architectural Department at the Boston Institute of Technology (State of Massachusetts); that masters like Mr. Richard Morris Hunt,* of New York, correspondent of the Architectural Department of the Institute of France and of the Central Society of Architects, Mr. William R. Ware,* of Boston, correspondent of the Central Society of Architects, Messrs. Eugène Létang and Theodore M. Clark, professors of Architecture and Construction at the Boston Institute of Technology, form part of the committee placed at the head of the enterprise, besides the executives of the various chapters or local groups of the American Institute of Architects, and also the patrons of the Boston Technological Institute,— we shall have shown, we think, that as the *début* of the new publication promises well and merits serious attention, we may indeed expect much for its future.

One word more, for we will return to the ARCHITECTURAL REVIEW when further numbers shall permit us more fully to appreciate its character. It is with a certain emotion, reviving memories of more than twenty years ago, that we find in this first number, after several plates reproducing *projets* and sketches (a casino on the border of the sea, and a fountain on a public promenade) by the most advanced pupils of the Architectural Department of the Technological Institute, and commented on by critical notes in the text, a very beautiful heliogravure (Fragments

* The names of Messrs. Hunt and Ware as members of the advisory board must have been inserted through a misunderstanding.

divers pris à Cori) of a drawing formally exhibited as *envoi de Rome* by the late Emmanuel Brune, that young master prematurely taken from our French school, and to whose memory our confrère and colleague of Boston, Mr. William R. Ware, pays a cordial tribute.

CHARLES LUCAS, S.-C.,

Membre honoraire de l'Institut américain des Architectes

THE future of the TECHNOLOGY ARCHITECTURAL REVIEW,— we mean after the present volume shall be complete,— rests with those for whose interest it has been established. With a little earnest work from each of its friends in the way of getting subscribers a good foundation will be insured, for the mailing-list is to any periodical its foundation. Once on its feet, with course clearly marked out, its expensive *experimenta* a thing of the past, this paper must surely yield to the Society the wherewithal for maintaining liberal scholarships in the Department, and it is to this end that we think its course should lead.

We, the editors, have now done nearly all that lies within our power for the firm establishment of this undertaking. We appeal to the young men just entering this school, to those becoming members of our architectural society, to draughtsmen throughout the country, to whom the REVIEW must prove of great value, and to the architects whose kind interest has for this year made possible at least a beginning for an American journal of academic architecture, not to let the very promising future that lies before our paper rest in uncertainty for want of a push at the right moment.

THE supplement published with this number reproduces an *École des Beaux Arts* drawing made some twenty years ago by M. Escalier, a pupil of M. André.

Its subject is the application of the Doric order to wood construction in a design for a market building. This drawing, with two others of the same set, are now the property of the Architectural Department at the Massachusetts Institute of Technology.

DEPARTMENT OF ARCHITECTURE.

DECEMBER 7, 1887.

MONTHLY COMPETITION.

FOURTH YEAR REGULARS AND SPECIALS.

Programme: A CHILDREN'S HOSPITAL.

THE principal conditions for such an establishment are that light and air shall be amply supplied, and distributed as evenly as possible. The institution is supposed to be located on a level site, facing south on a park, and having a frontage of three hundred and fifty feet. On each side a street will extend to the north, and in this direction as much land as is desirable may be occupied. The hospital will provide for ninety-six patients, and the principal requirements are as follows:—

Two large wards for boys.

Two large wards for girls.

Small wards for convalescents and private or isolated cases.

Nursery, scullery, bath-room, and toilet room must be attached to each large ward; it is desirable that these wards be lighted from three sides, if possible.

Administration, comprising superintendent's, manager's, and officers' rooms, reception rooms, dispensary, rooms for house physicians and nurses, operating and linen rooms, and such other rooms as may be found necessary.

Kitchen and laundry, with accessories, store and servants' rooms, lavatories, etc. The kitchen might be located in the top story, so that odors would not penetrate into the wards.

The building is to be built entirely of stone, or brick with stone trimmings, and is to have a basement, with two or more stories partly or all over the structure. A small chapel may also be comprised in the composition, but it is not required in this programme.

Required: preliminary sketch,— plan and elevation on a scale of one twentieth of an inch to the foot,— due December 10, at 12 M. Finished drawings: one elevation and one section on a scale of one sixteenth of an inch to the foot; two plans on a scale of one thirty-second of an inch to the foot, due December 31, at 12 M.*

EUGENE LÉTANG.

* Time was extended on this problem to Jan. 14, 1888.

NOTES TAKEN FROM CRITICISM.

FIRST MENTION. HENRY D. BATES. PLATE I.

The administration building placed in the centre of the group, with the wards arranged in separate wings, is a scheme which commends itself at once; but the entrances to the wards seem to be too close to the main entrances.

The wards, with nurses' room and scullery, with lift connecting with centre building at one end, and toilet and bath rooms at the other, are well arranged; but the projecting portion of the latter appears to be arranged for the purpose of getting a pavilion in the elevation, rather than for any additional room required. The introducing of fireplaces in the wards is a mistake, as they are a source of waste for fuel, give increased labor, cause noise and dust, and are somewhat dangerous. In smaller rooms, intended for one or two beds, fireplaces may be used to advantage.

The small rooms back of the fireplaces, evidently intended for sun baths, would be better placed at the extreme end of the wards, and made entirely of glass. In wards of one story in height, windows arranged one for each bed appears to be the most approved system.

The operating room in second story is too far away from the wards on the south side of the building, and would be better placed if it occupied the centre of the building, connected with stairs and elevators at either end. The portion of the building above the main entrance might well have been used for something better than a gallery. The general treatment of the design is very good. The central pavilion is a charming bit of composition as a whole, but fails in the treatment of the main entrance, which is too severely classic to harmonize with the Romanesque treatment of the windows in the story above and the general treatment of the whole façade.

SECOND MENTION. HENRY FORBES BIGELOW. PLATE II.

The general arrangement of a part of the administration grouped in the centre is well treated, but has the defect of not making the wards as inaccessible to visitors as possible, as the entrances are on either side of the drive and immediately in front of the ventilating(?) lobby of the adjoining wards.

The placing of the chapel in the second story of the centre building is excellent and convenient to the mass of attendance, as well as the administration officers of the hospital.

It is simple and pleasing in the proportions of the interior, as shown in the section. The height of the dome is too great for the chapel, and would be better if the drum were omitted. The wards are well arranged, but the bath and toilet rooms should have been separated from the ward by a ventilating lobby.

The design, like the other, fails in not having a basement under the wards for the circulation of air. The general effect of the façade is unpleasant; the centre pavilion is rather stunted, without sufficient cornice, and not sufficiently studied in connection with the buildings on either side. If the arches over the second-story windows had been omitted, and the attic windows lengthened, the design would be improved.

The treatment of the extreme ends of the wards is complicated; the toilet rooms are too low and the end gable of the ward should be omitted. The unnecessary variety of arched openings, the main entrance with the windows on either side, the windows in the second story with blank tympanums, and the ward windows are each different in proportion and sentiment, and show a lack of study, particularly those at the entrances.

There are two different schemes in this set of designs,— one with centre administration building, and wards treated as wings without courtyard; and the other with the buildings arranged so as to form a court. The open buildings without courts are considered in every way superior to those with them, especially when they are small. This design was placed second partly on that account, although the general service is more ample and more conveniently placed than in the first.

The other designs are very similar in scheme, with the exception of B, Plate III., which has the wards admirably arranged for economic surface, well cut off from the public, and well arranged for a play of sunlight.

THOMAS O'GRADY, JR., Critic.

Eight designs in Competition.

SKETCH PROBLEM. PLATE IV.

FOURTH YEAR REGULARS AND SPECIALS.

FEBRUARY 21, 1888.

Programme: A SMALL STUDIO.

A WEALTHY amateur of the fine arts wishes to build, at his country estate, a studio where he can devote himself to painting during a part of the year.

This building may be isolated, or connected with the house by means of a gallery, conservatory, or portico,— a point not necessarily considered in the composition. Besides the studio proper, which must be lighted by a single large bay, the plan will provide for a few rooms, such as small studio or library, models' room, rubbish, wash, and toilet rooms, etc.

This little structure can be of either one or two stories, built of stone, or stone and brick. Its outside character must plainly disclose its purpose, therefore suggestions of its use may be incorporated in its decoration. No dimension is given.

Required: plan and section, on a scale of one eighth of an inch to the foot; elevation on a scale of one quarter of an inch to the foot; drawings due February 21, at 12 M.

EUGENE LÉTANG.

JUDGMENT.

First Mention HENRY FORBES BIGELOW.
Second Mention HENRY D. BATES.
Third Mention GEO. C. SHATTUCK.

Eight designs in Competition.

NOTES TAKEN FROM CRITICISM.

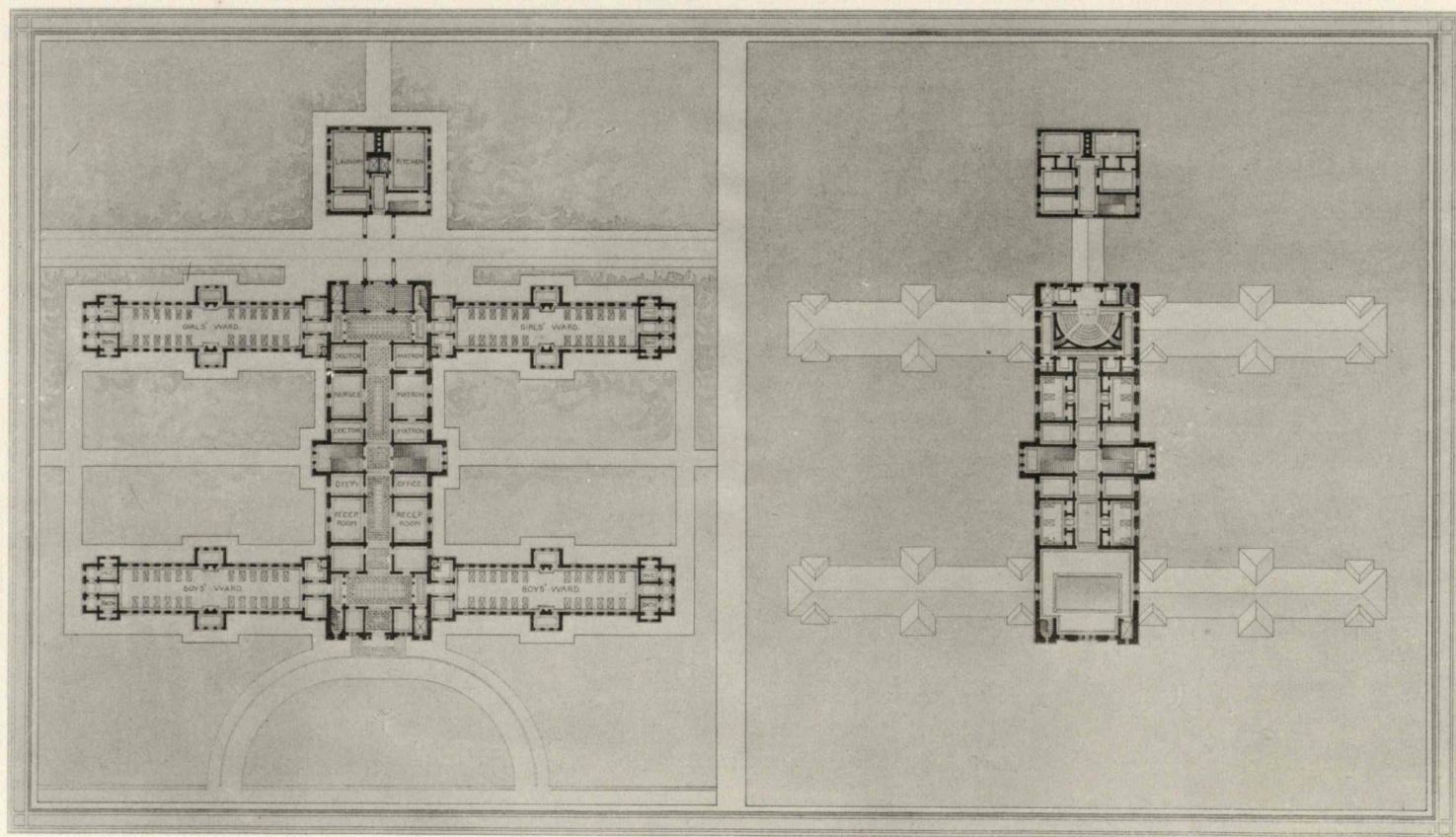
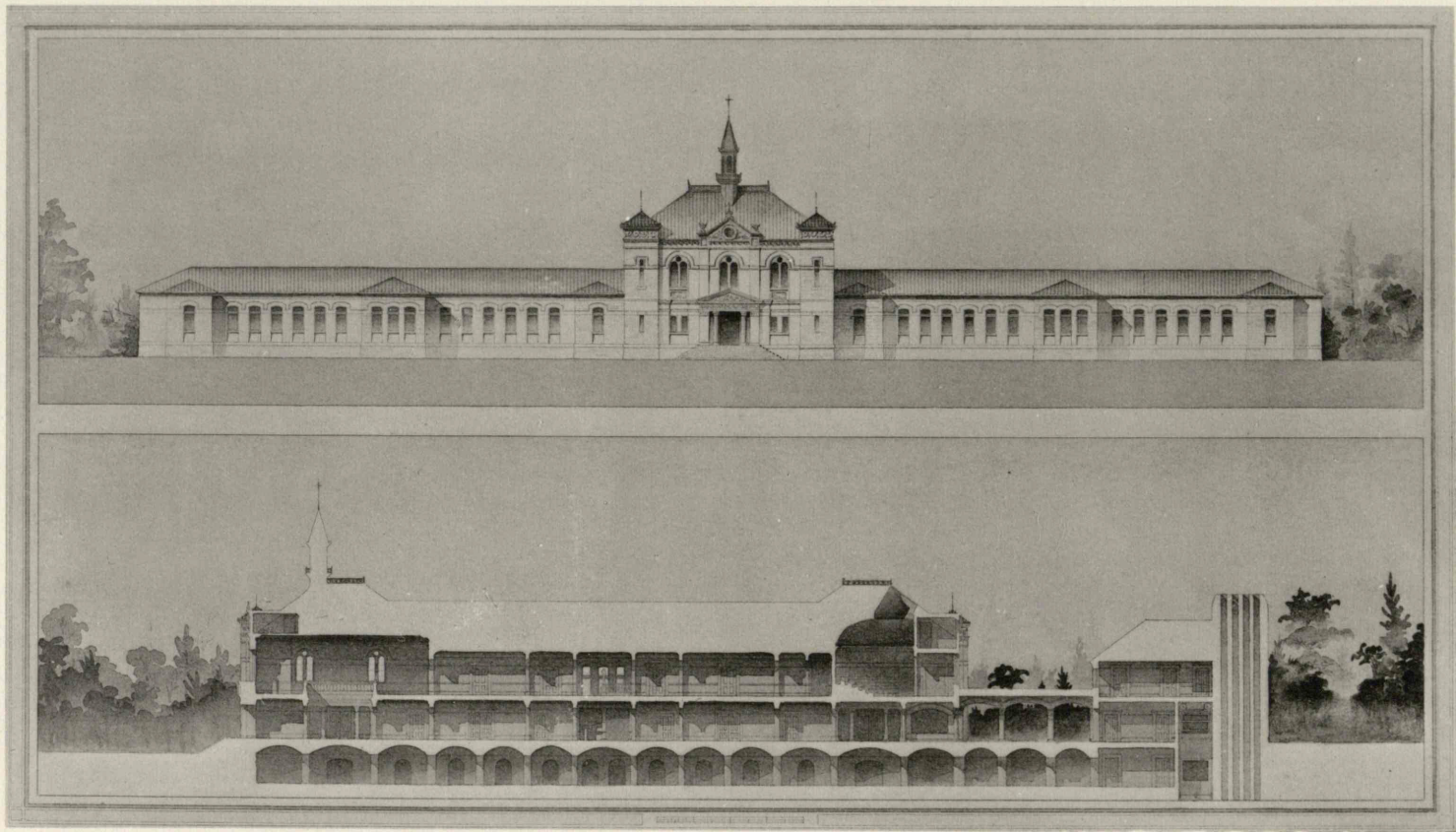
FIRST MENTION. PLATE IV.

This design is superior chiefly from the ingenuity of its plan, which is at once decorative and convenient. Note the attractive terrace and seat in front, and the bay in the studio, which can be given complete seclusion by portières, or used to give a low light for genre painting. The balcony along one side of the studio would be most picturesque. The convenience of the vestibule, staircase, etc., is evident. The architecture is not as pure in feeling as might be, but the different purposes and different functions are well indicated in the mass.

SECOND MENTION. PLATE IV.

The plan in this case is bold and simple, with small rooms well subordinated, but without much thought in rendering them convenient. The façade, however, both in mass and detail, is serene and noble. The author has a very pure classic feeling, and his ornament is disposed with rare skill, and adds not only decoration to the parts requiring it, but also gives breadth to the plain surfaces.

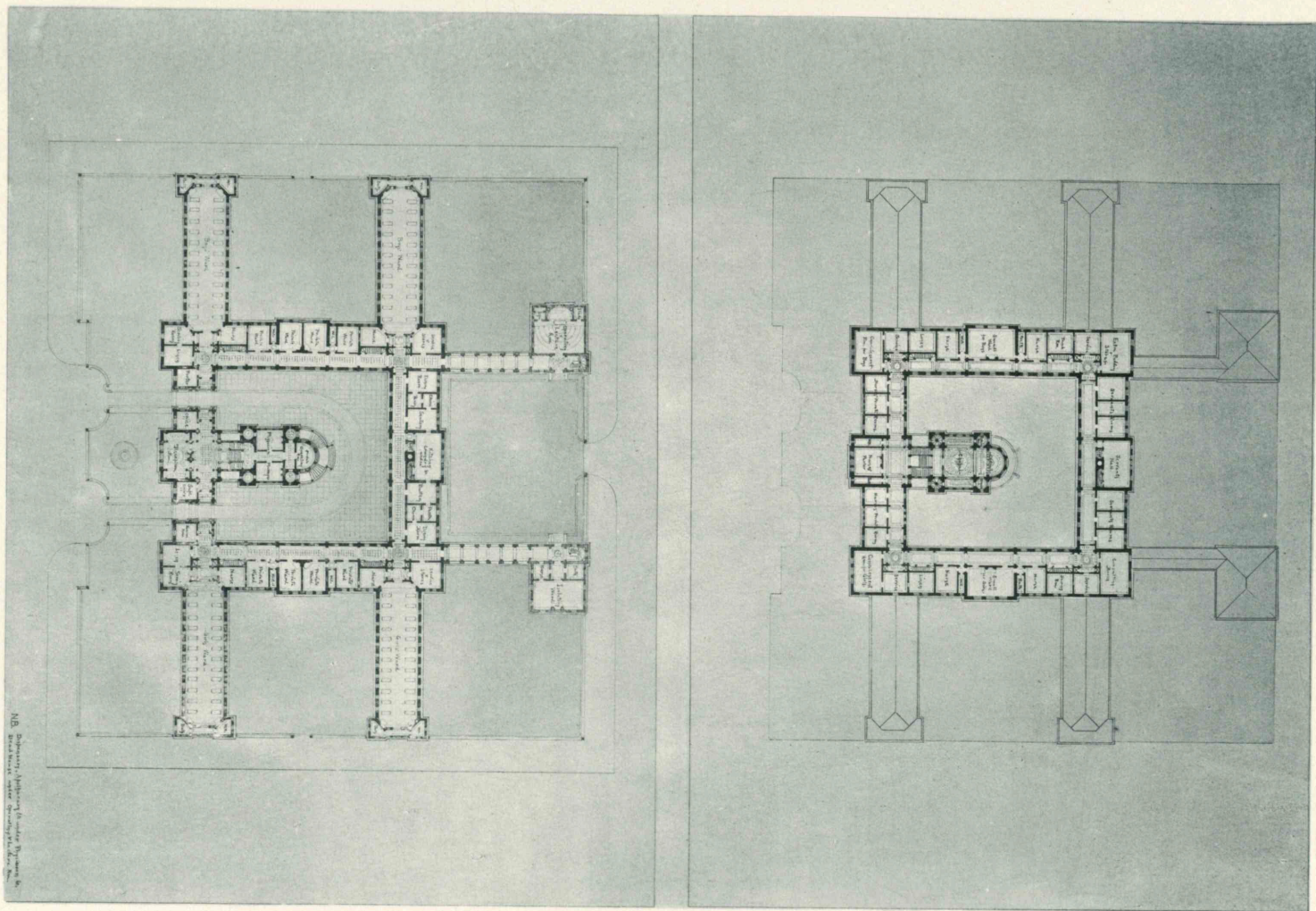
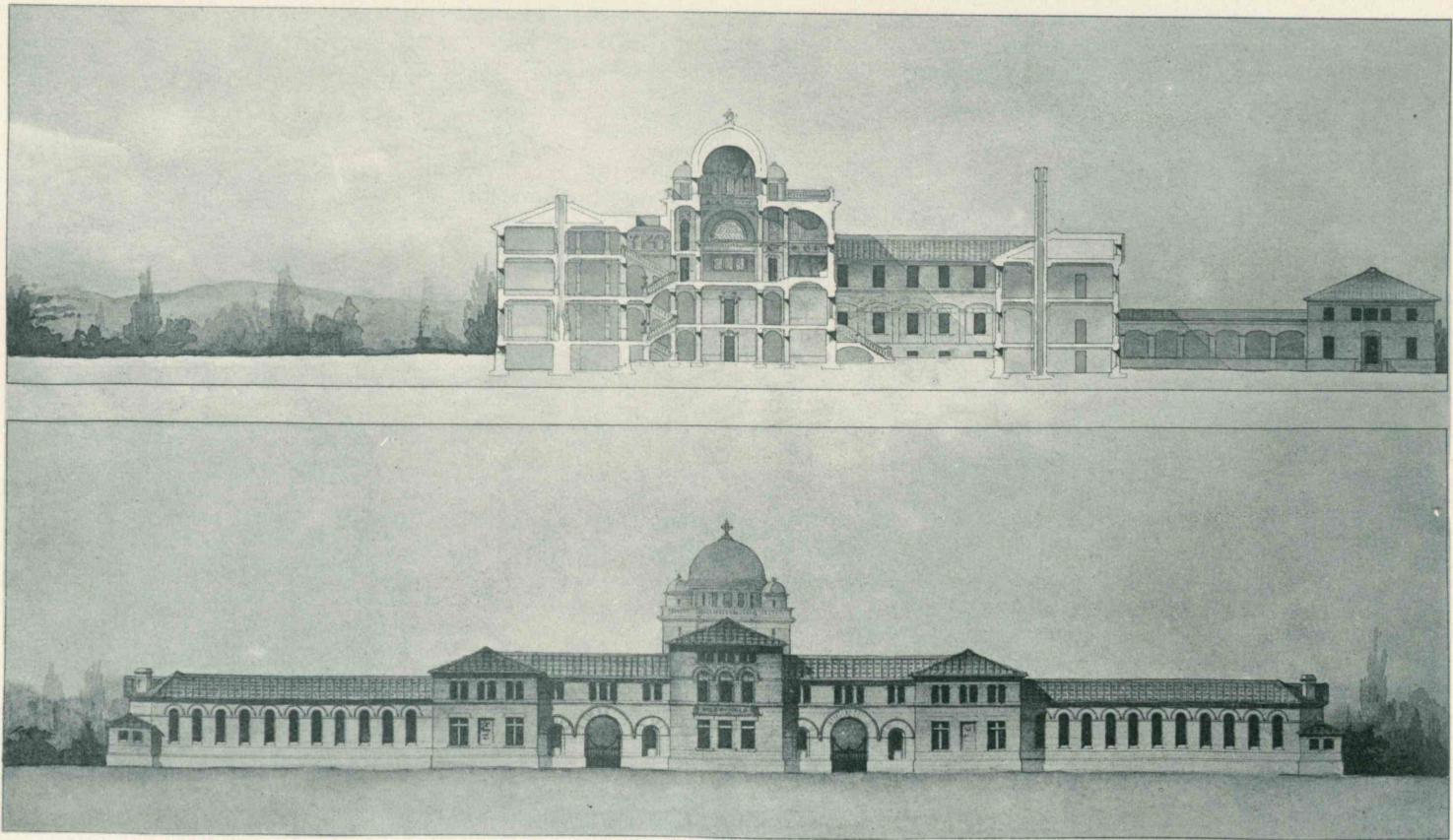
ARTHUR ROTCH, Critic.



A CHILDREN'S HOSPITAL.

MONTHLY COMPETITION.
FOURTH YEAR CLASS.

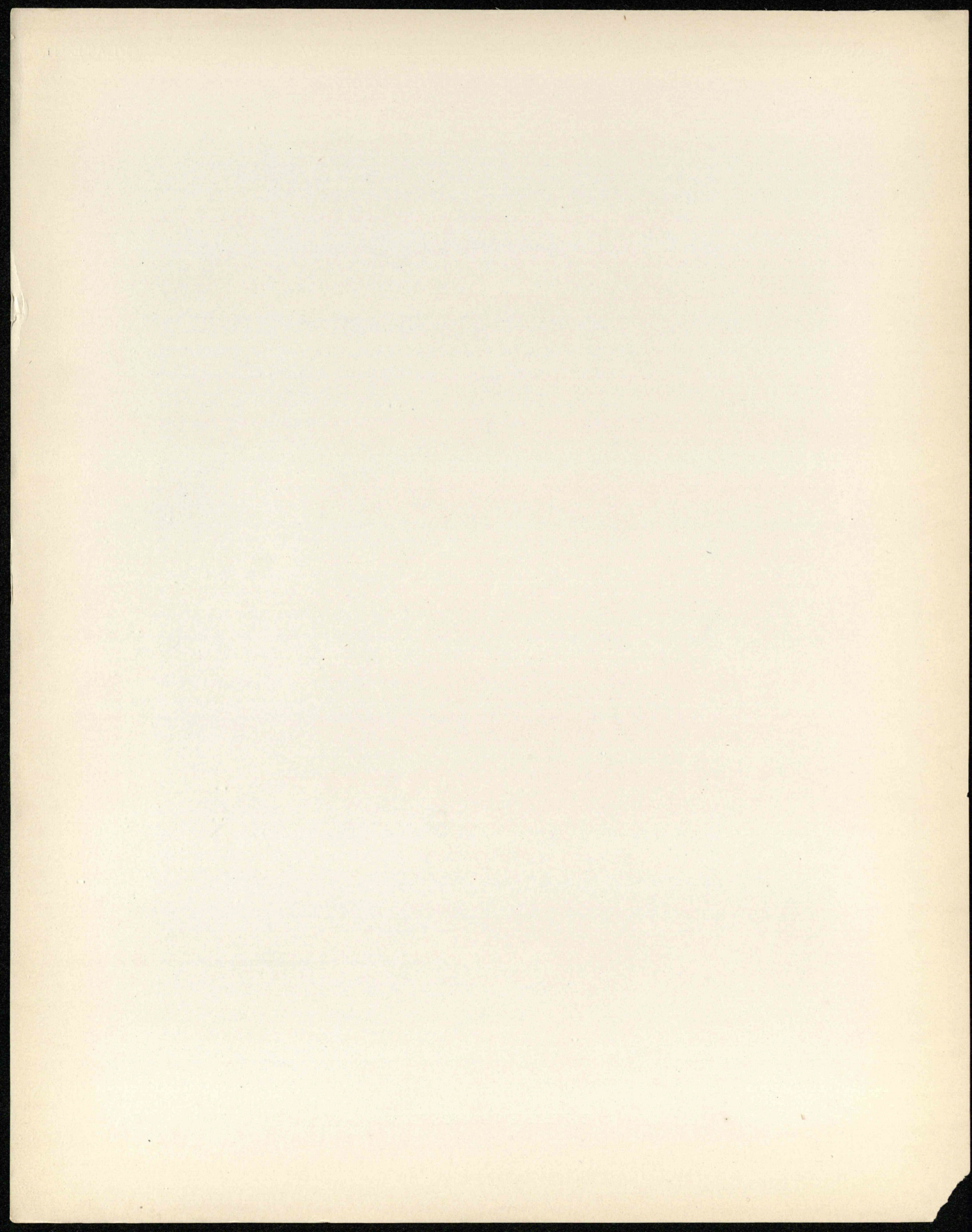
FIRST MENTION.
HENRY D. BATES.

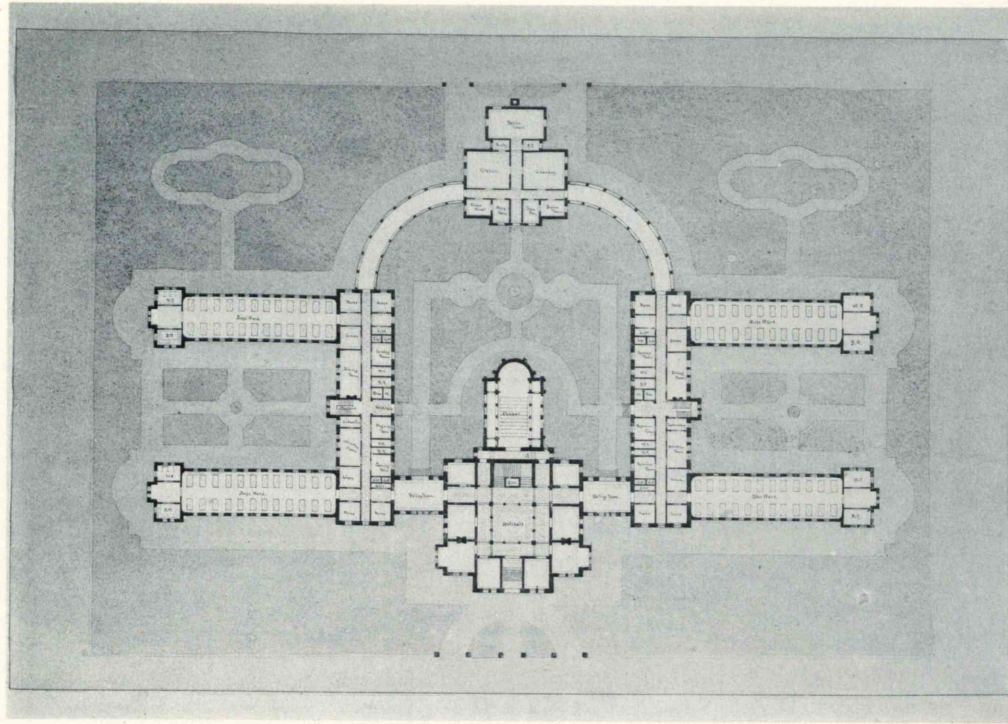


A CHILDREN'S HOSPITAL.

MONTHLY COMPETITION.
FOURTH YEAR CLASS.

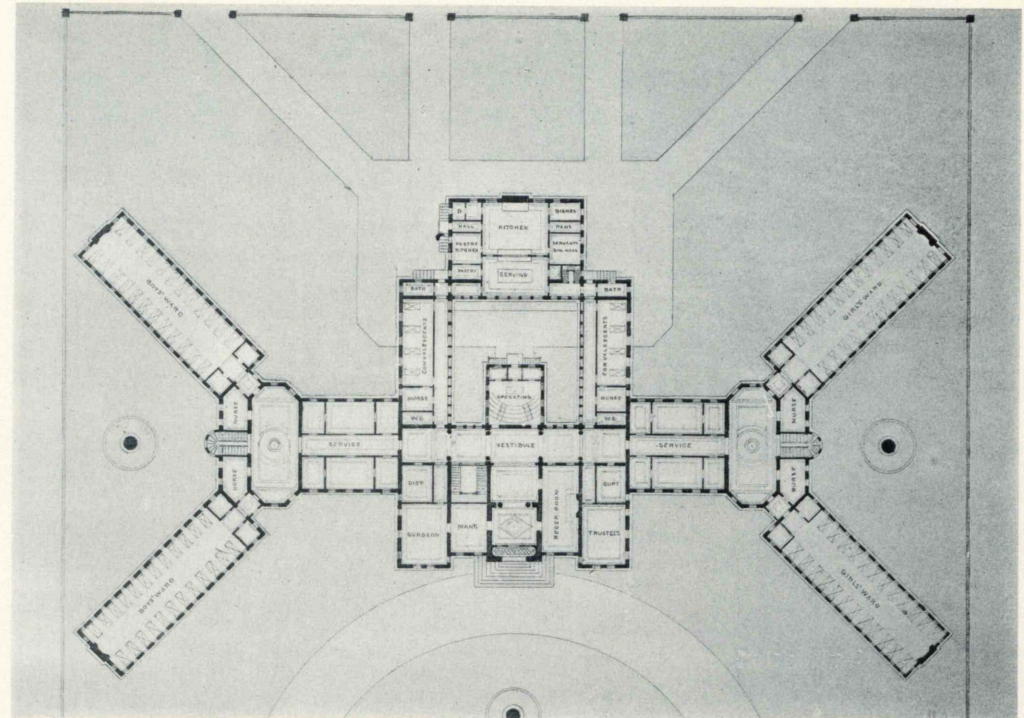
2ND FIRST MENTION.
HENRY FORBES BIGELOW.





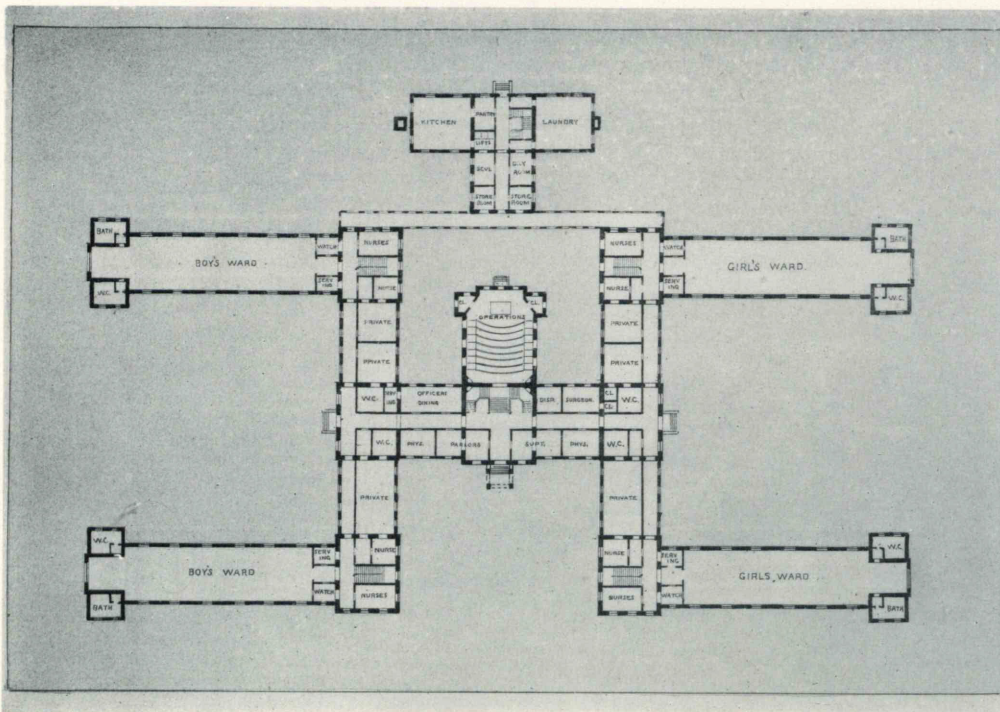
A

E. S. CARLETON



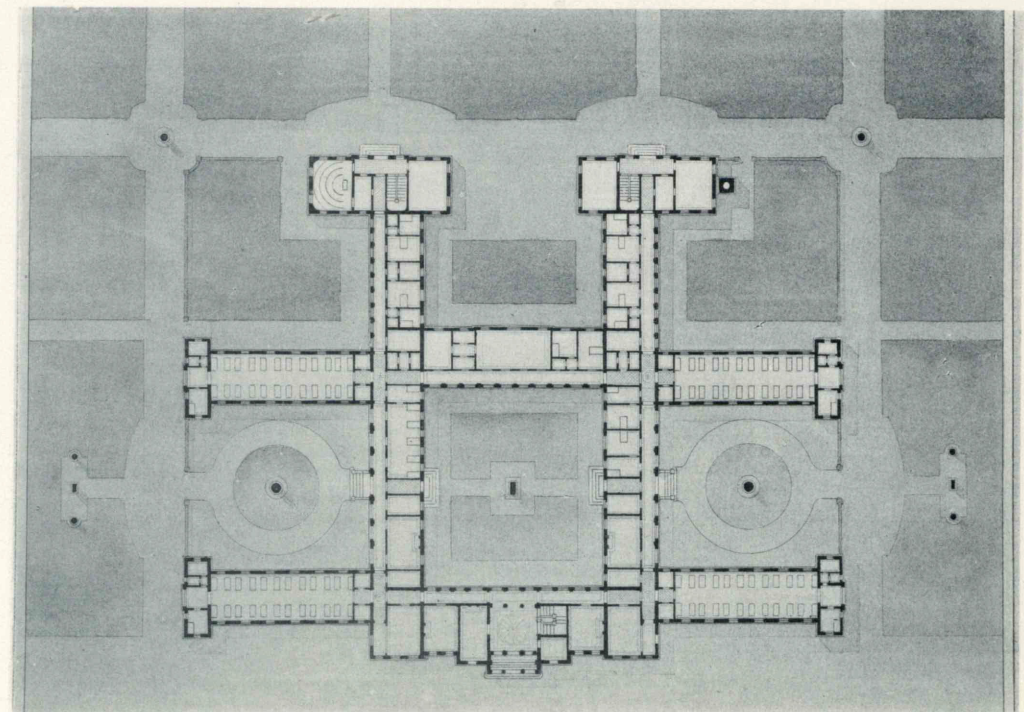
B

J. E. FULLER, JR.



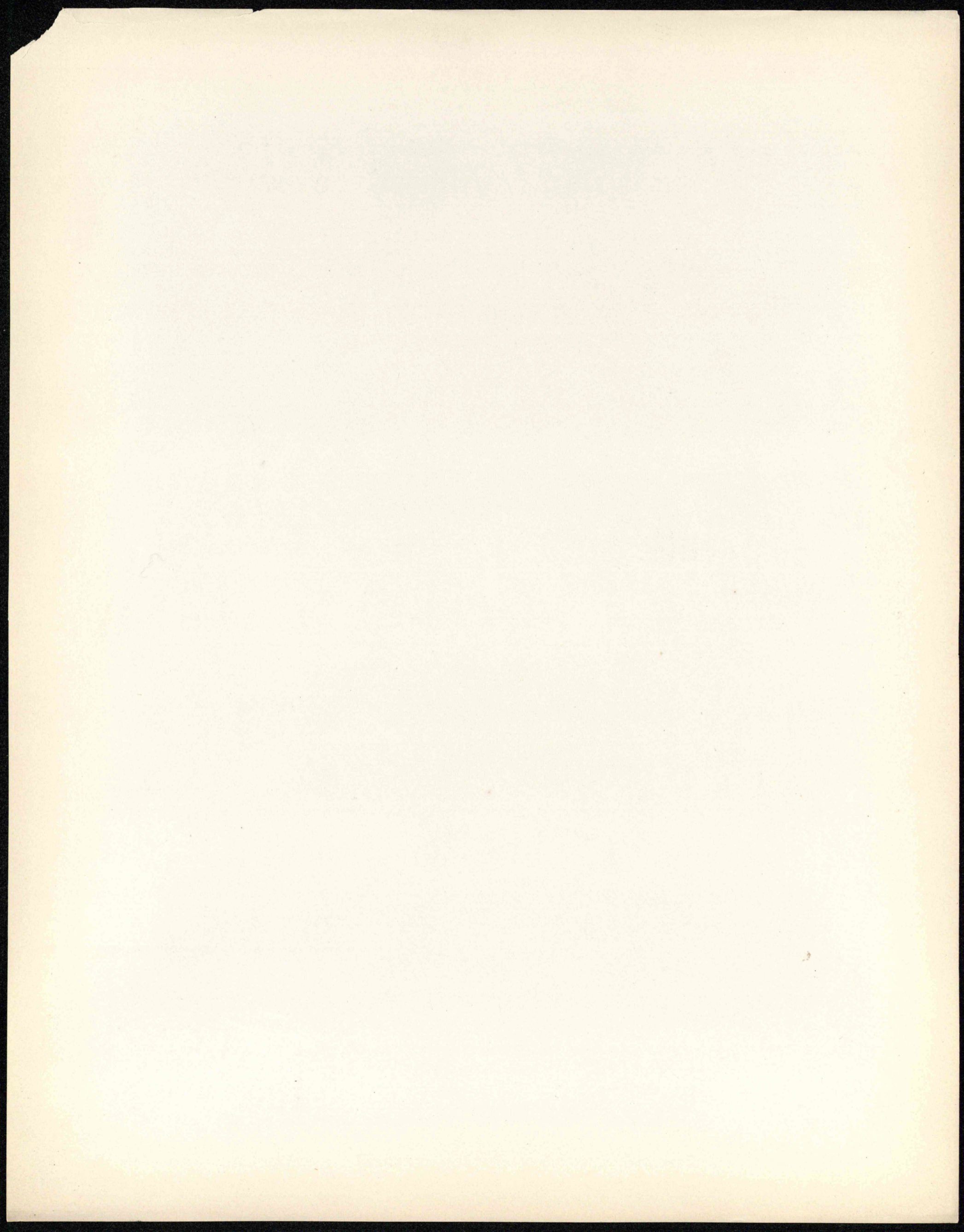
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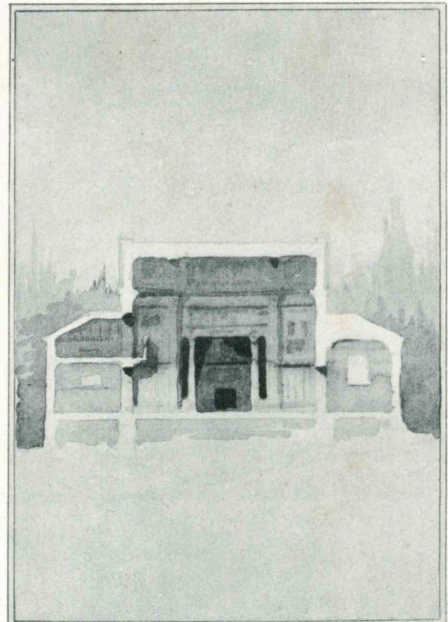
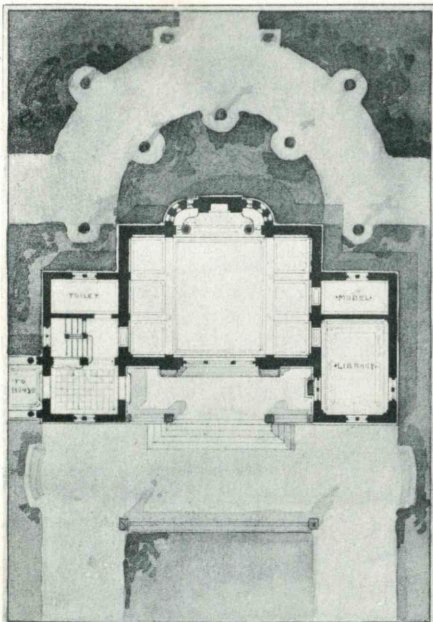
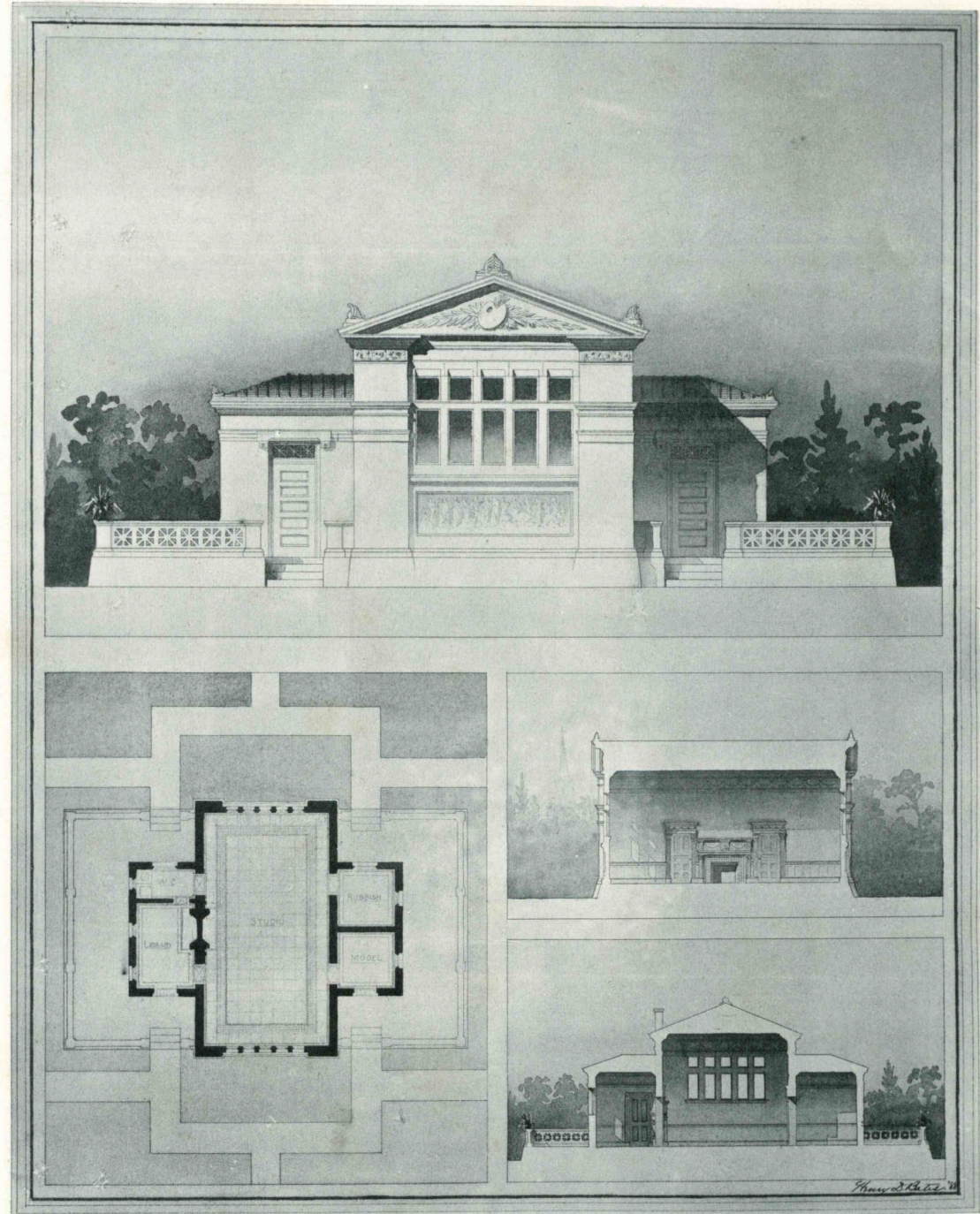
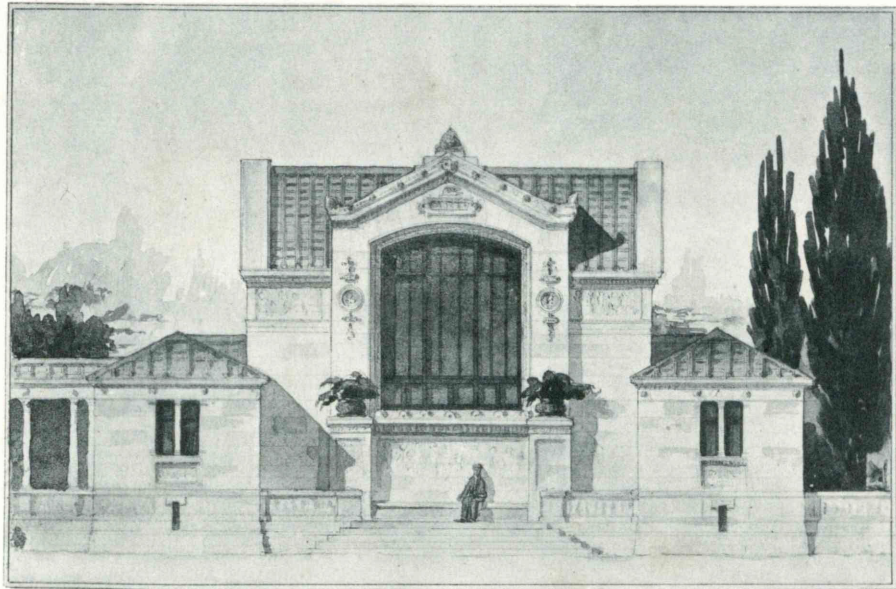
F. A. MOORE.



D

GEO. C. SHATTUCK.





FIRST MENTION,

HENRY FORBES BIGELOW.

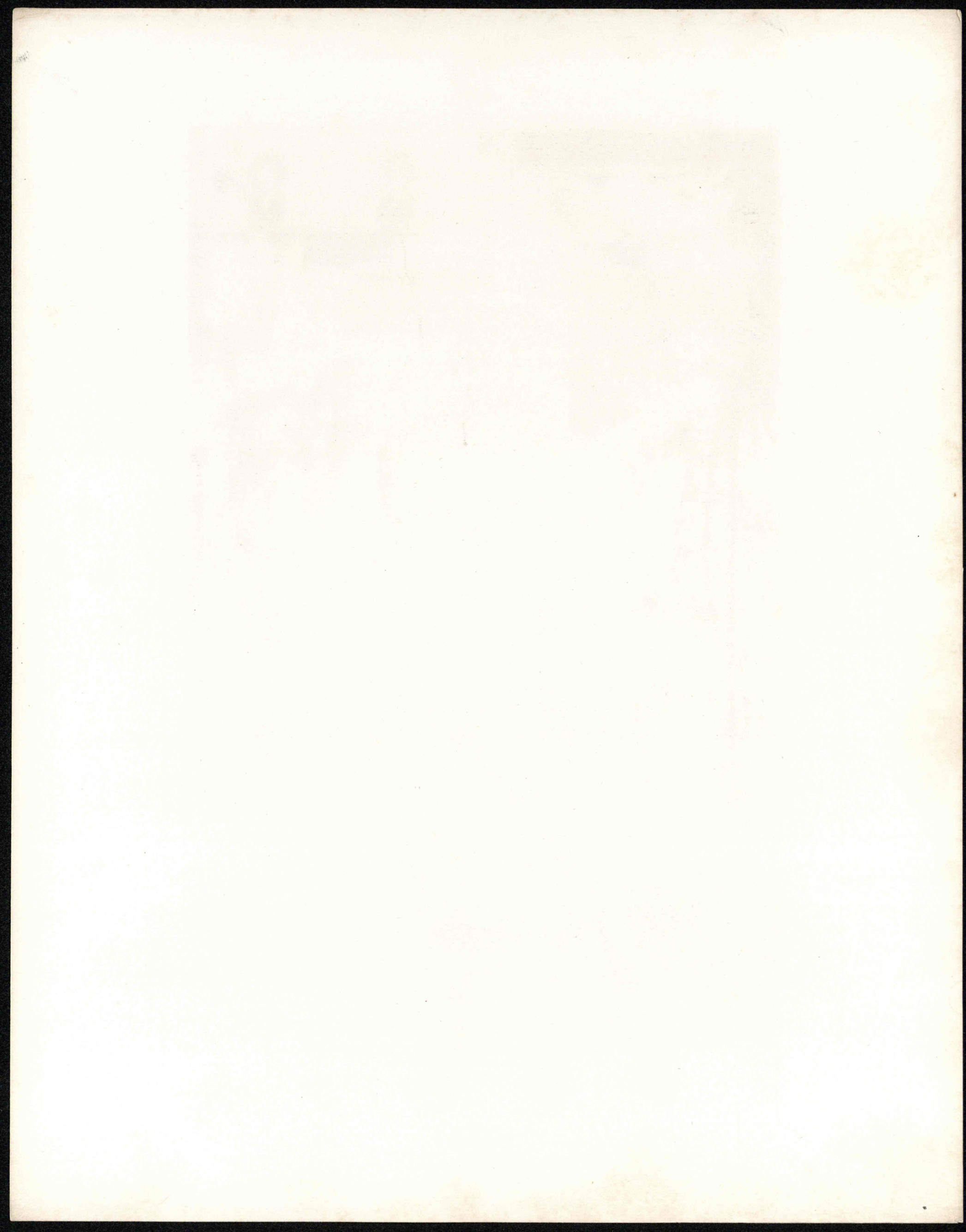
SECOND MENTION.

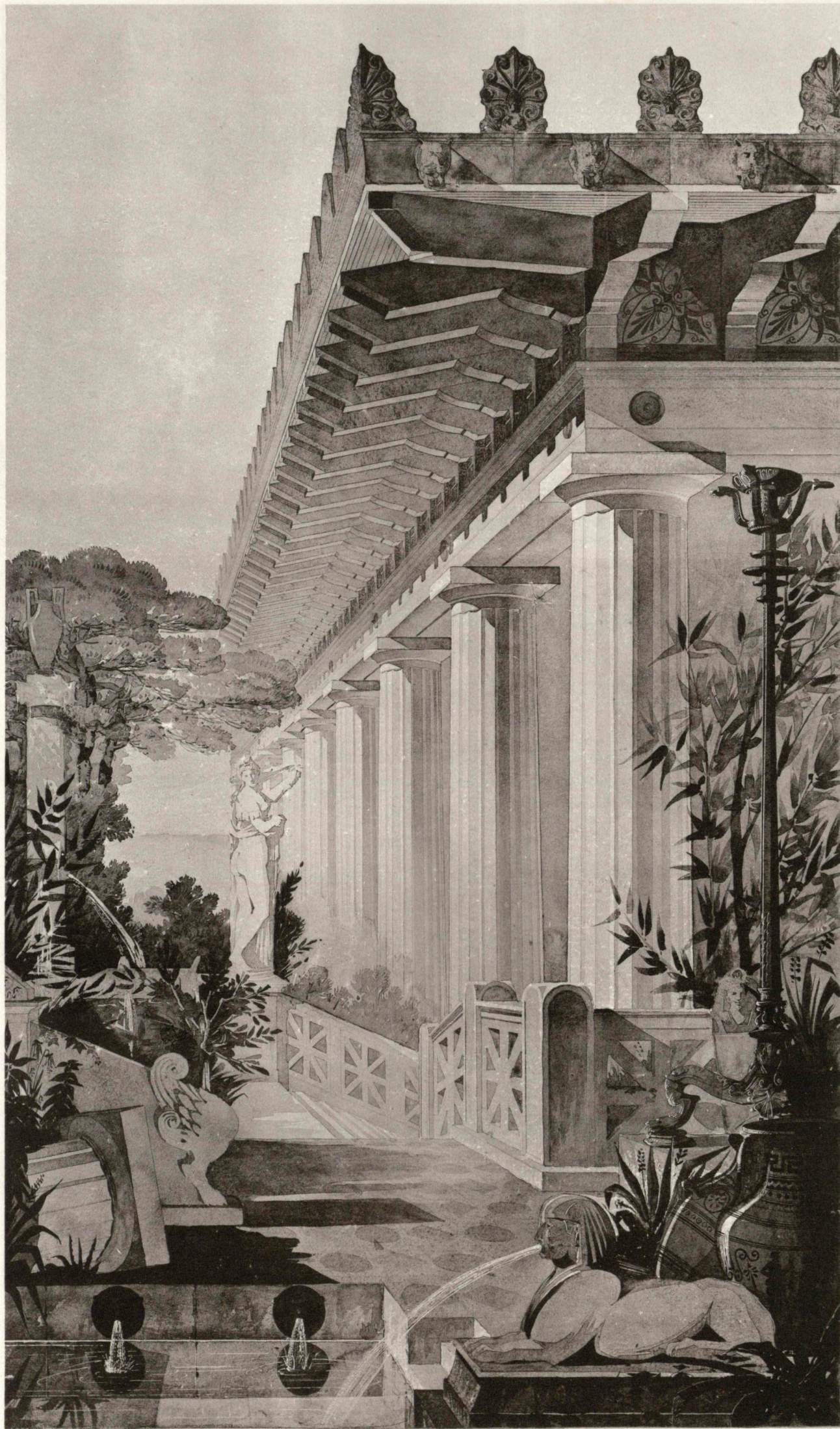
HENRY D. BATES.

A SMALL STUDIO.

SKETCH PROBLEM.

FOURTH YEAR.





DRAWING BY M. ESCALIER.
ECOLE DES BEAUX-ARTS.

