

Annual Exhibition

1892



Archives

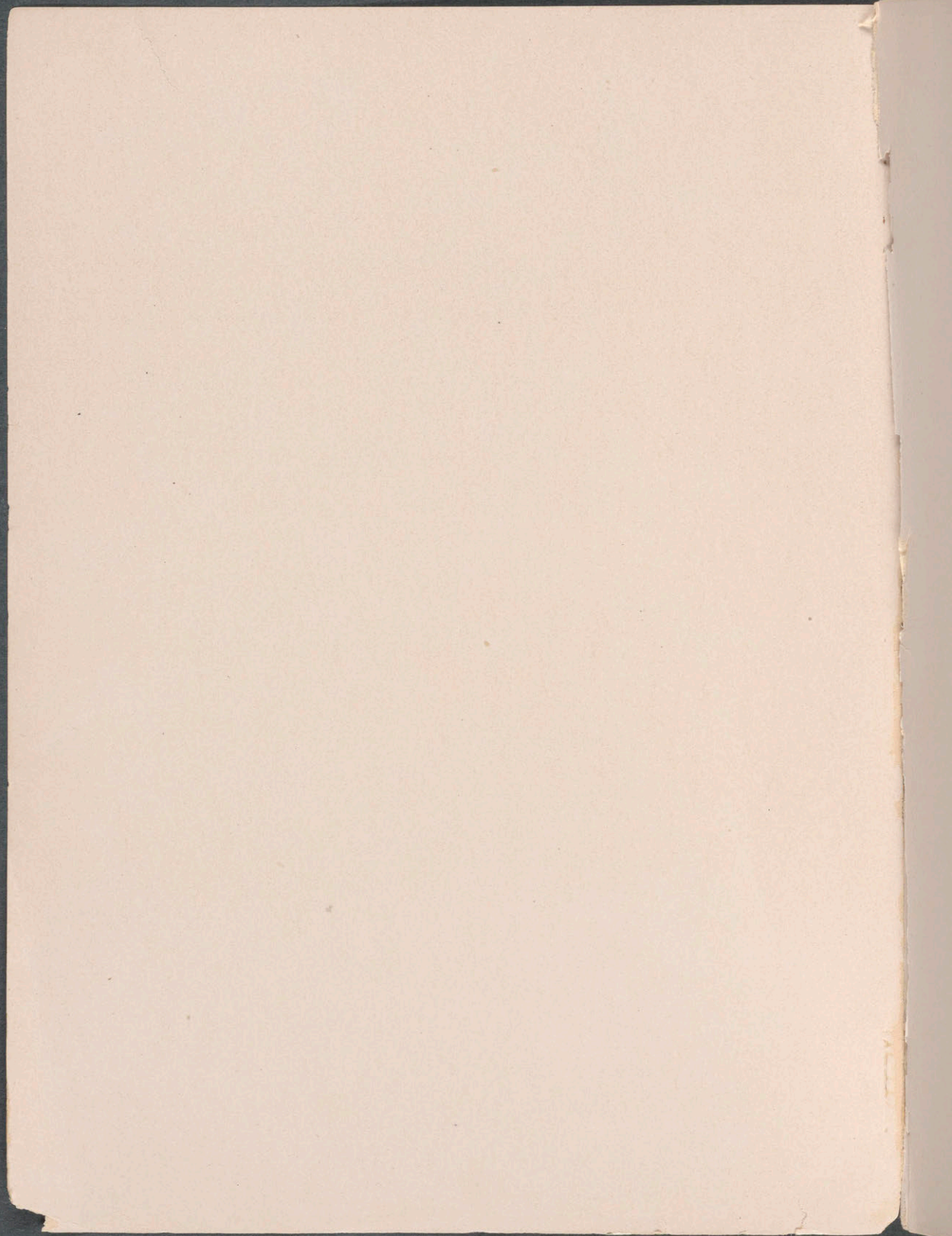
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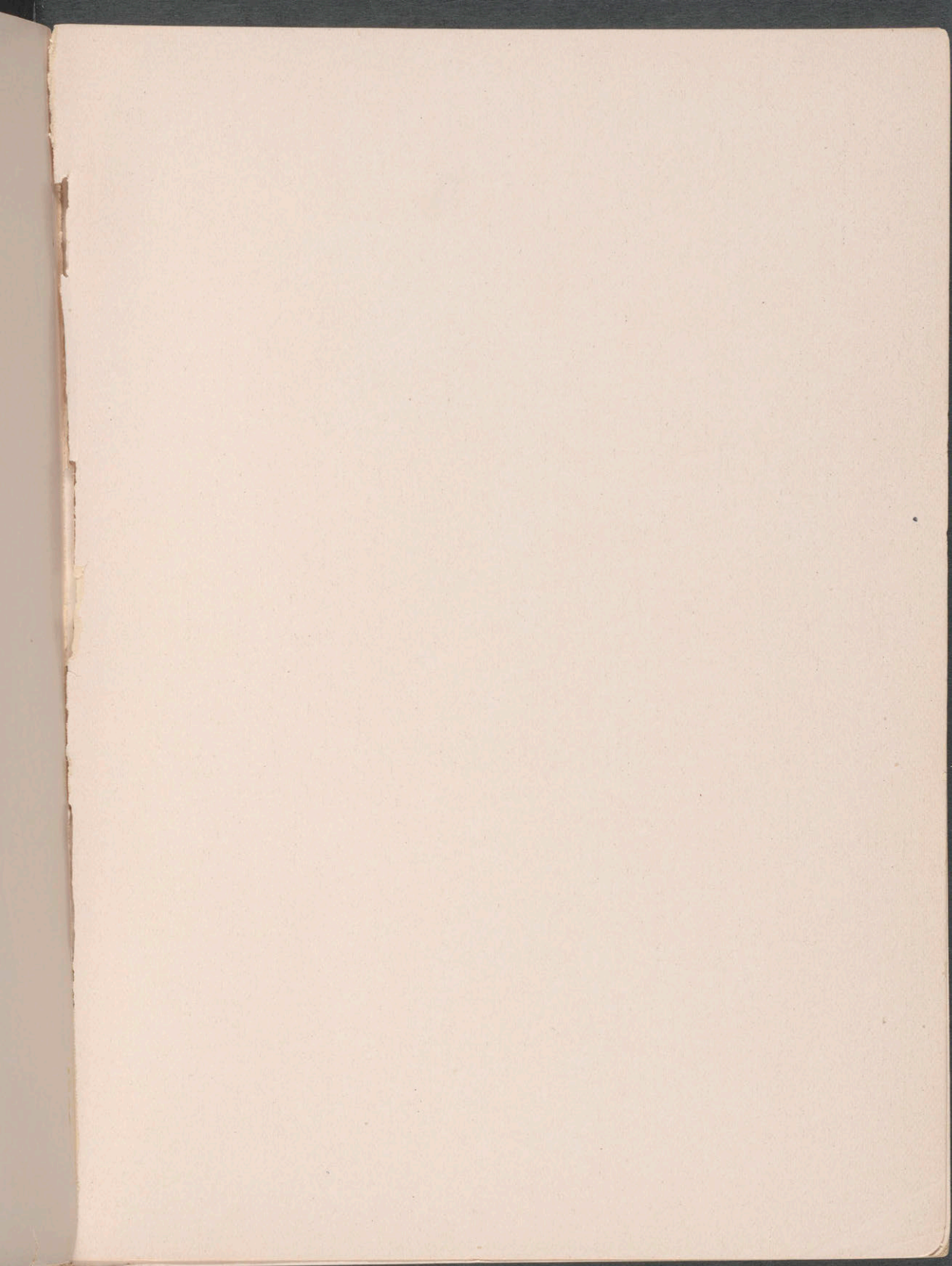
ANNUAL EXHIBITION  
OF THE DEPARTMENT  
OF ARCHITECTURE  
MASS. INSTITUTE OF  
TECHNOLOGY



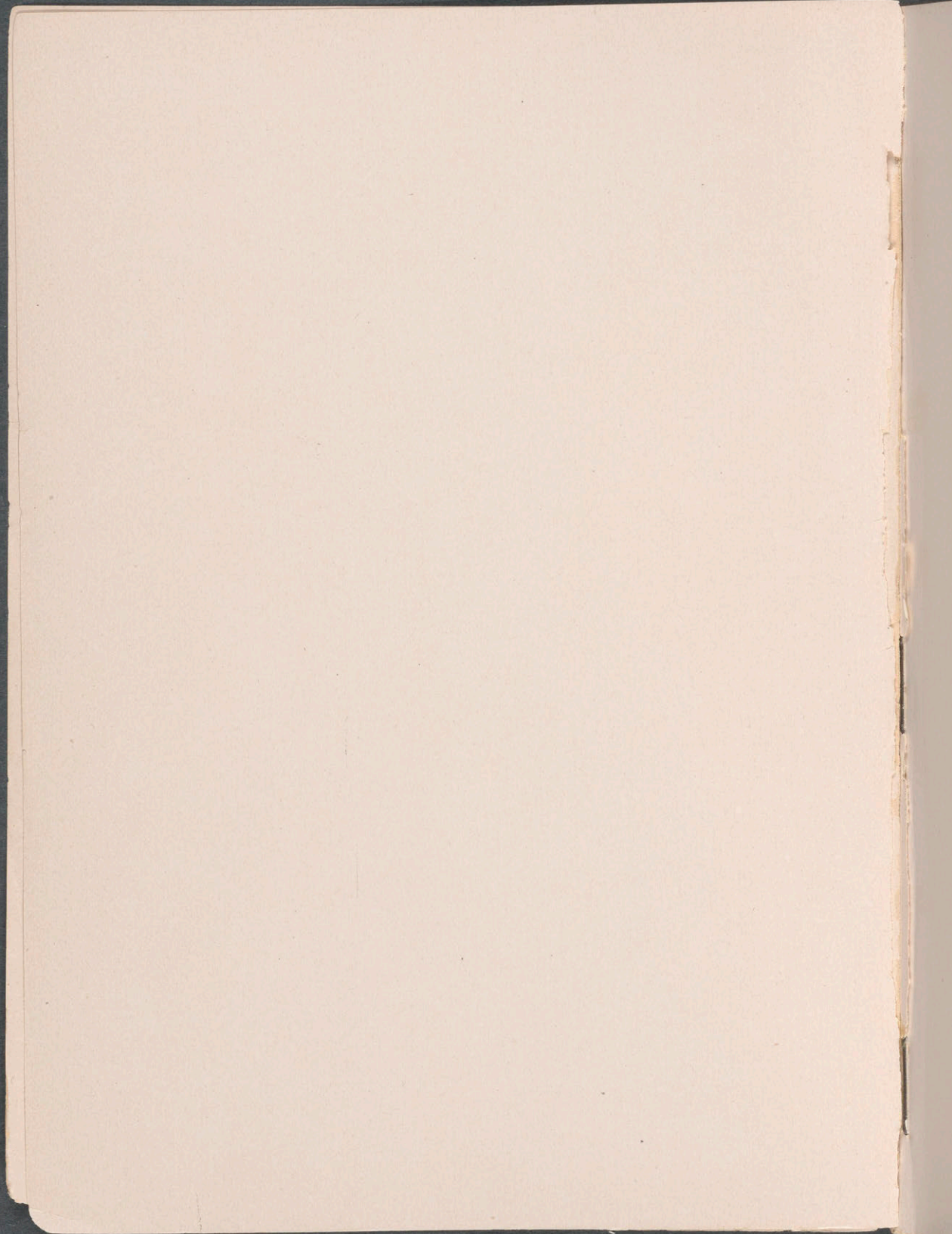
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MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

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DEPARTMENT OF ARCHITECTURE.

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CATALOGUE OF DRAWINGS.

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Printed for the Students of the Department.

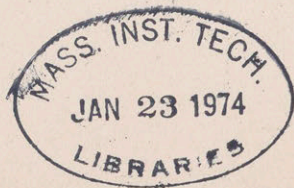
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BOSTON, MDCCCXXXII.

1892



Archives



## DEPARTMENT OF ARCHITECTURE.

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EUGENE LÉTANG, Professor of Design.  
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DAVID A. GREGG, Instructor in Pen and Ink.  
CARRIE R. HUNT, Librarian.  
ROBERT S. SHEDD, Draughtsman.

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### JURY FOR THIRD AND FOURTH YEAR DESIGNS.

E. C. CABOT.	A. W. LONGFELLOW, JR.
W. D. AUSTIN.	R. S. PEABODY.
C. H. BLACKALL.	W. G. PRESTON.
C. A. COOLIDGE.	ARTHUR ROTCH.
C. A. CUMMINGS.	R. C. STURGIS.

H. L. WARREN.

(Of the Boston Society of Architects.)

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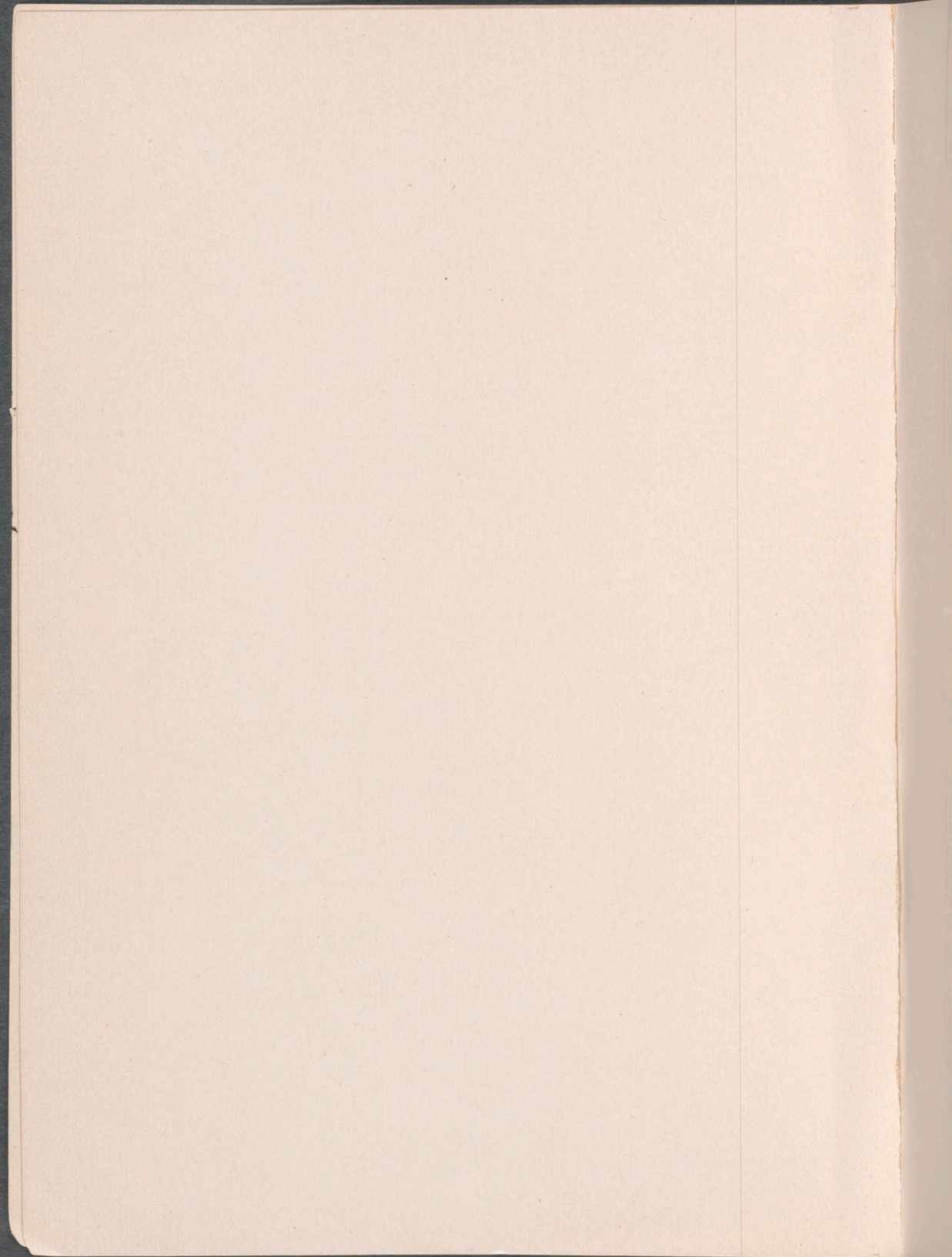
### COMMITTEE ON EXHIBITION AND CATALOGUE.

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G. H. INGRAHAM, '92.	T. H. SKINNER, '92.
F. E. NEWMAN, '92.	H. H. THORNDIKE, '92.
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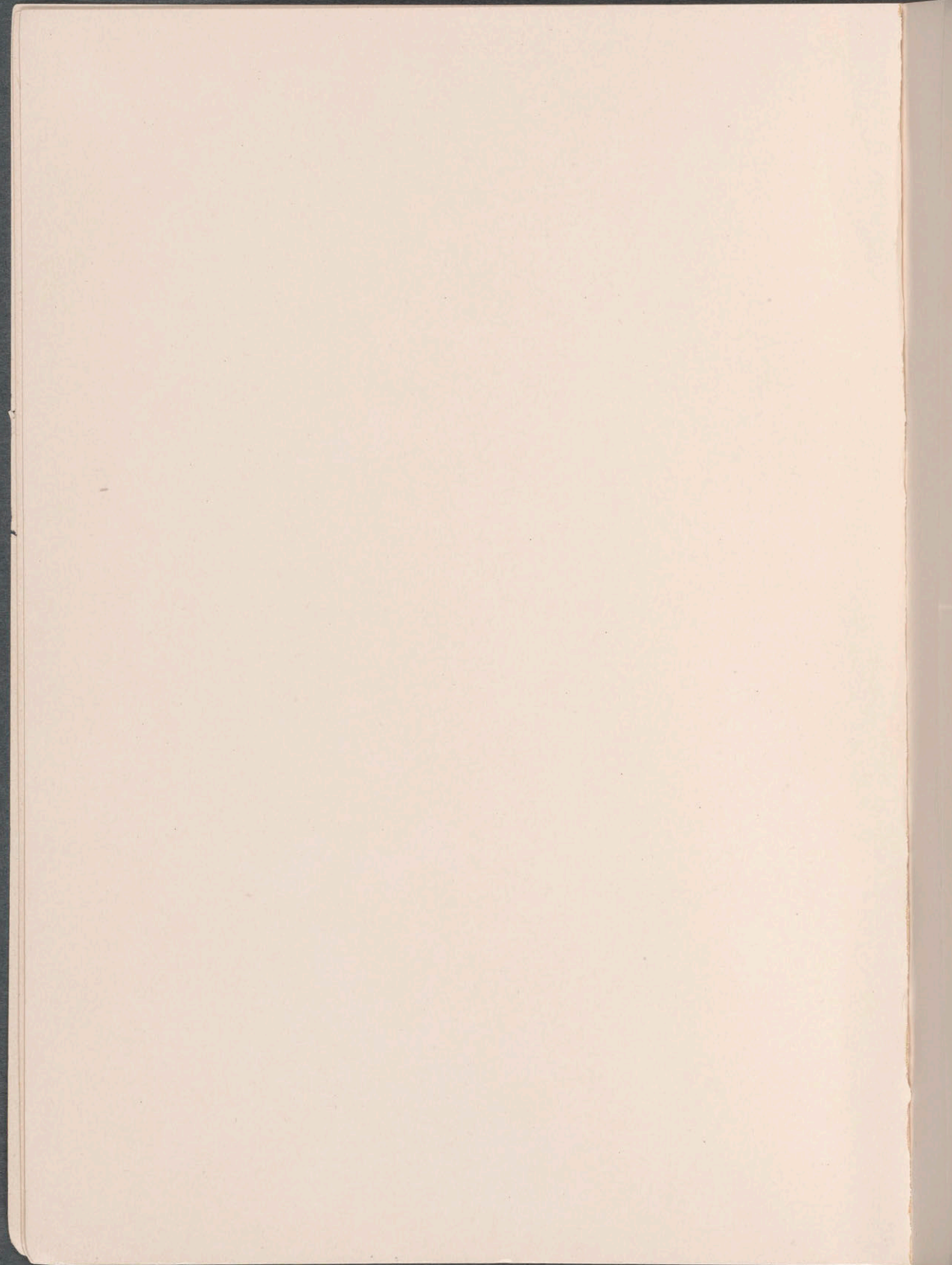


## THESIS DRAWINGS, 1892.

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1. DENNETT, W. H. . . . . A Club House.
2. FELAND, L. . . . . An Official Residence.
3. FRANCIS, F. . . . . A Technical High School.
4. GILL, E. P. . . . . An Armory.
5. HOPKINS, P. A. . . . . An Office Building.
6. INGRAHAM, G. H. } . . . . A Palatial Country Residence.
7. PERKINS, F. E. } . . . .
8. NEWMAN, F. E. . . . . Un Hotel de Ville.
9. KOCH, A. D. . . . . A School of Architecture.
10. ROPES, G. H. . . . . A City Hospital.
11. SKINNER, T. H. . . . . A Chapel for Wellesley College.
12. TAYLOR, R. R. . . . . A Soldier's Home.
13. VINING, J. F. . . . . An Opera House.
14. WHITMAN, E. P. . . . . A Hotel.
15. WOLTERS DORF, A. . . . . A Congressional Library.
16. YOERG, F. . . . . An Insane Asylum.





PROBLEMS IN  
FOURTH YEAR.  
DESIGN.



FOURTH YEAR. I. Monthly Problem.

A RAILWAY STATION.

The building is supposed to be erected on the outskirts of a large country town. Its plan will provide for two waiting-rooms for passengers, each about 800 ft. in area, one ticket office, one telegraph office, baggage-room, store-room, and also wash-rooms connected with the waiting-rooms. A street parallel with the track leaves a space of about 10 ft. between it and the outside platform, which is to be some 12 ft. wide, so that there is little chance for projecting porches on this side, but the building may be recessed instead.

The company owns fifty feet of land on one side of the station, to a cross road which cuts the track where a gate is necessary. This space may be utilized as a flower garden. On the other side the land of the company extends indefinitely between the road and the track. Both sides are to be fenced or walled in, so that the track can only be reached through the station, except on the side opposite the cross road where the platform is returned, and a small gate allows the officials to enter and baggage to be passed through.

There will be a pavement 10 ft. wide on the road side next to the station.

The track is to be a double one, and directly opposite the station proper on that side will be a shed of about 600 ft. area, provided with benches, so that passengers can wait there for the trains on the off track. The platform on that side to be about 8 ft. wide.

Materials to be used: stone, or brick and stone combined, with projecting roofs over main platforms.

Finished drawings: two elevations, one plan, one section.

E. LÉTANG.

MENTIONS.

17.	PERKINS, F. E.	. 1st	1st.	20.	SKINNER, F. H.	. 2d	2d
18.	INGRAHAM, G. H.	. 2d	1st.	21.	NEWMAN, F. E.	. 3d	3d
19.	ROPES, G. H.	. 1st	2d.	22.	VINING, J. F.	. 3d	3d



FOURTH YEAR. II. Sketch Problem.

A VERANDA.

This structure is supposed to be the principal entrance, in the centre of the south side of a large country house.

It is to be about 40 ft. long and 10 ft. wide, and built of wood.

The floor to be about 2 ft. above the level of the ground.

Its architectural appearance must be light and decorative, and its construction in character with the materials used.

The roof can be made apparent or simply finished with a railing.

Required: plan and elevation.

E. LÉTANG.

MENTIONS.

23. ROPES, G. H. . . . . 2d.    24. NEWMAN, F. E. . . . . 3d  
25. PULSIFER, L. W. . . . . 3d.

FOURTH YEAR. III. Monthly Problem.

A TOWN HALL.

[FROM ARCHITECTURAL LEAGUE, NEW YORK.]

The subject to be a Town Hall for a town of about 20,000 inhabitants. The building is to have an area of about 3,200 sq. ft., exclusive of porticos, steps, etc., and is to be located on a level corner lot measuring 100' x 150'.

The drawings to be made on two sheets each 24" x 32"; one sheet to include a plan of basement and first story, together with a front and side elevation, all drawn at  $\frac{1}{8}$ " scale, and finished in India ink, without shadows or brushwork; the other sheet to have a perspective drawing at about  $\frac{1}{4}$ " scale, rendered at will and with block plan of lot and buildings at  $\frac{1}{32}$ " scale, in margin or at corner; drawings to be on white board or paper mounted on stretcher.

The basement to have business rooms for Supervisors and Board of Health, also rooms for Justices of the Peace and Constables, with four cells for temporary detention; suitable public and private toilet-rooms to be provided, and one or more rooms for the janitor of the building.



The first floor of the building to have a hall of about 2,200 sq. ft. area, including the stage, dressing-rooms, and one or more committee-rooms for reception or other purposes.

The approach to the main floor to be by portico and steps on the outside, or by interior staircase; there should be other stairs connecting with the stage and dressing-rooms.

The comfortable seating capacity of the hall to be carefully shown on plan, including the gallery sittings, if any are proposed.

MENTIONS.

26. PULSIFER, L. W. . . . .	1st 1st.	32. SKINNER, T. H. . . . .	4th 2d
27. NEWMAN, F. E. . . . .	2d 1st.	33. INGRAHAM, G. H. . . . .	5th 2d
28. WOLTERS DORF, A. . . . .	3d 1st.	34. ROPES, G. H. . . . .	6th 2d
29. WHITMAN, E. P. . . . .	1st 2d.	35. LOTZ, A. C. . . . .	3d
30. HOPKINS, P. A. . . . .	2d 2d.	36. TAYLOR, R. R. . . . .	3d
31. PERKINS, F. E. . . . .	3d 2d.	37. YOERG, F. . . . .	3d

FOURTH YEAR. IV. SKETCH PROBLEM.

A FISH MARKET.

The principal condition for such a structure is that a free circulation of air should be provided for and the construction such that the building may be easily washed in every part. To effect this, the openings should be well arranged and also convenient spaces for fountains either inside or outside should be considered. These fountains to be useful as well as ornamental objects to the edifice.

The market will enclose forty stalls for retail dealers, conveniently distributed and easily accessible to buyers. Also a certain space must be arranged for auction sales, which would take place occasionally.

Required: principal elevation, plan and section.

E. LÉTANG.

MENTIONS.

38. PULSIFER, L. W. . . . .	1st 1st.	43. WOLTERS DORF, A. . . . .	3d
39. INGRAHAM, G. H. . . . .	2d 2st.	44. TUCKER, R. F. . . . .	3d
40. ROPES, G. H. . . . .	1st 2d.	45. PERKINS, F. E. . . . .	3d
41. SKINNER, F. H. . . . .	2d 2d.	46. WHITMAN, E. P. . . . .	3d
42. FRANCIS, F. L., . . . . .	3d 2d.	47. DENNETT, W. H. . . . .	3d



FOURTH YEAR. V. Monthly Problem.

A CASINO.

This monument is supposed to belong to a large sea-bathing establishment, and will be erected on the beach front.

Its plan will contain the following principal requirements: One large hall in which balls and concerts will be given. One large reading-room, also café rooms. One large billiard room accommodating several billiard tables. Several minor rooms used for amusements and open porticos facing the water as well as the garden.

These porticos may be used as a means of connecting the different parts of the edifice.

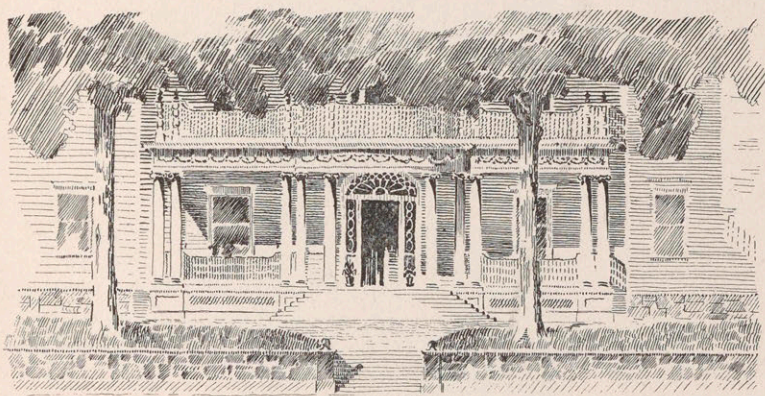
The buildings will be arranged on a line parallel to the seashore, and will not exceed 300 ft. in length.

Finished drawings: one elevation, one plan with surrounding grounds, one section through concert hall.

E. LÉTANG.

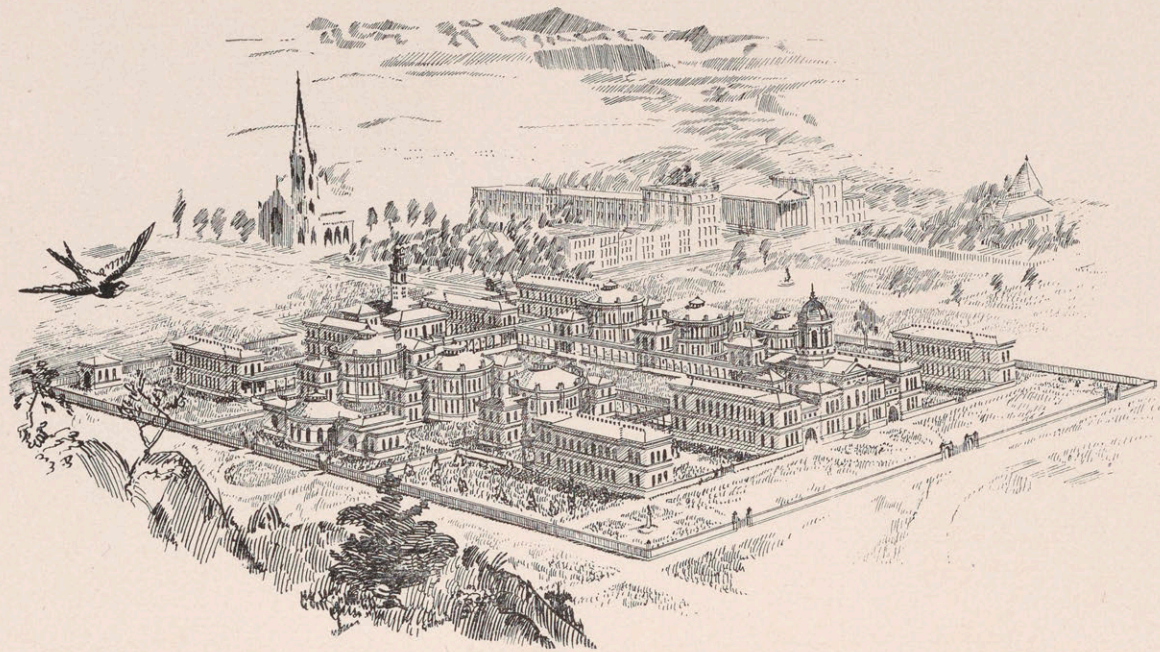
MENTIONS.

48. ROPES, G. H. . . . .	1st	1st.	52. FRANCIS, F. L. . . . .	3d
49. NEWMAN, F. E. . . . .	2d	1st.	53. PERKINS, F. E. . . . .	3d
50. INGRAHAM, G. H., . . . .	1st	2d.	54. VINING, J. F. . . . .	3d
51. PULSIFER, L. W., . . . . .	2d	2d.		

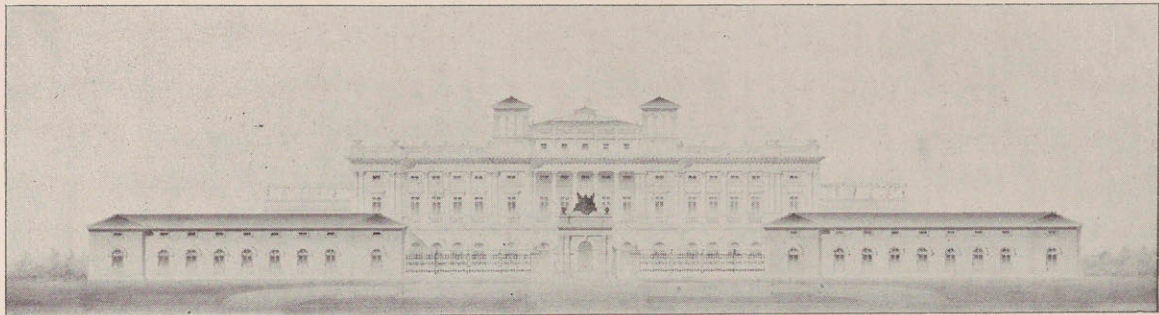


23. A Veranda. G. H. Ropes.



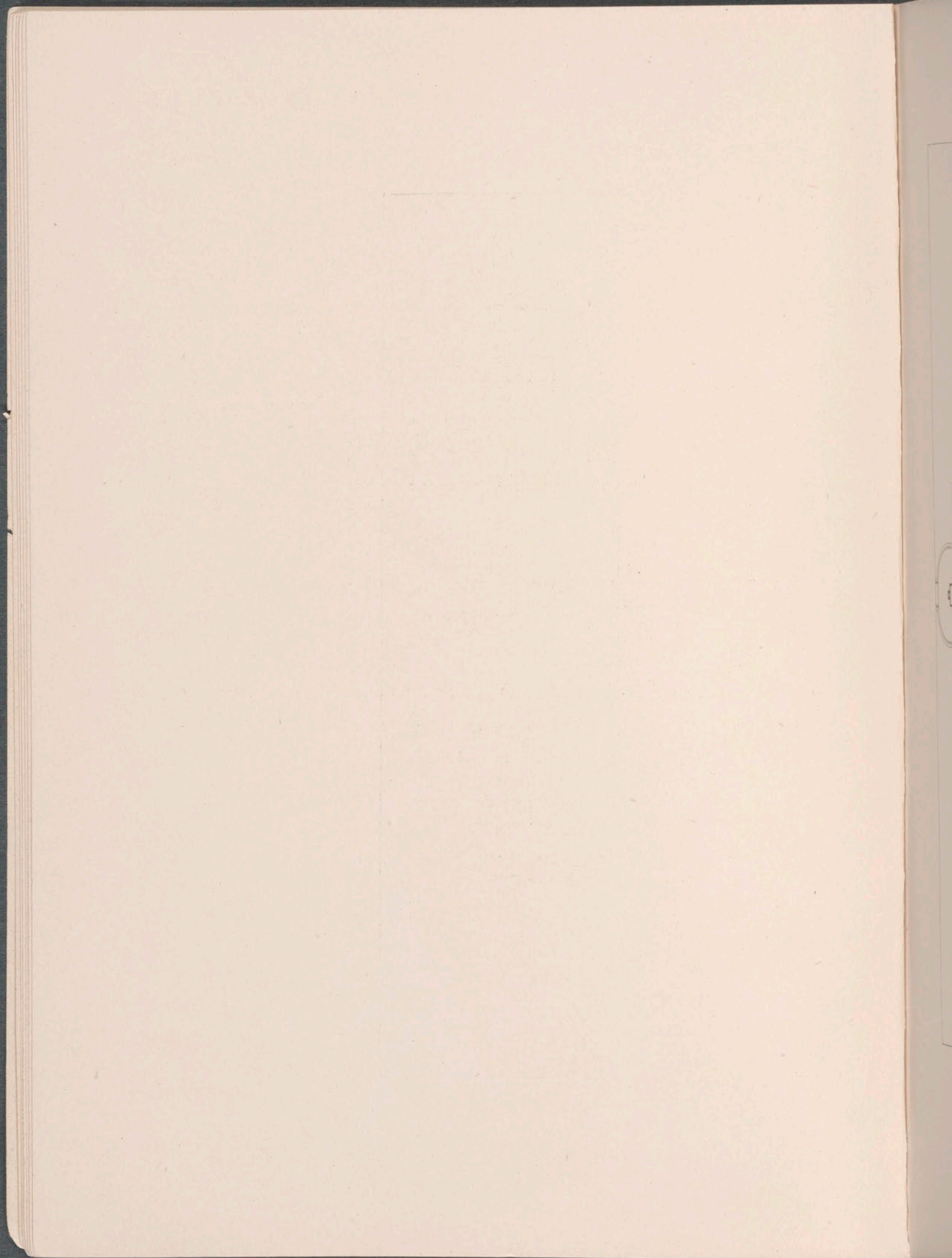


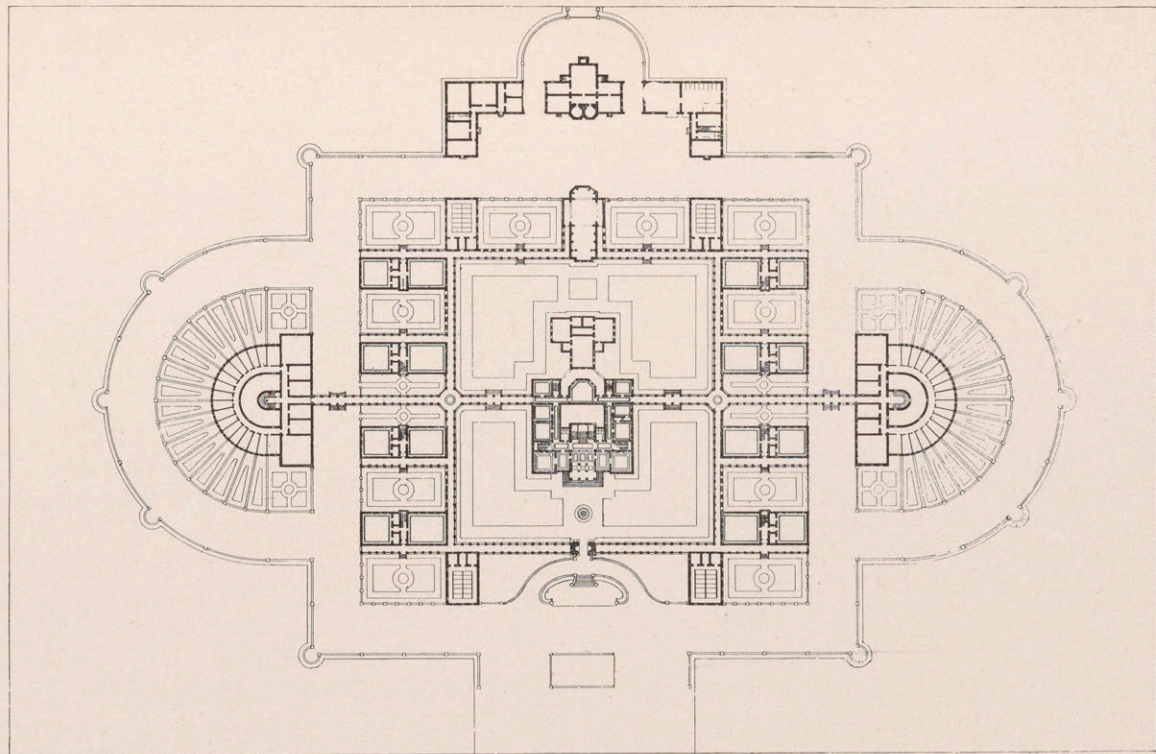
10. Thesis Design. G. H. Ropes. A City Hospital.



6 and 7. A Palatial Country Residence. G. H. Ingraham and F. E. Perkins.

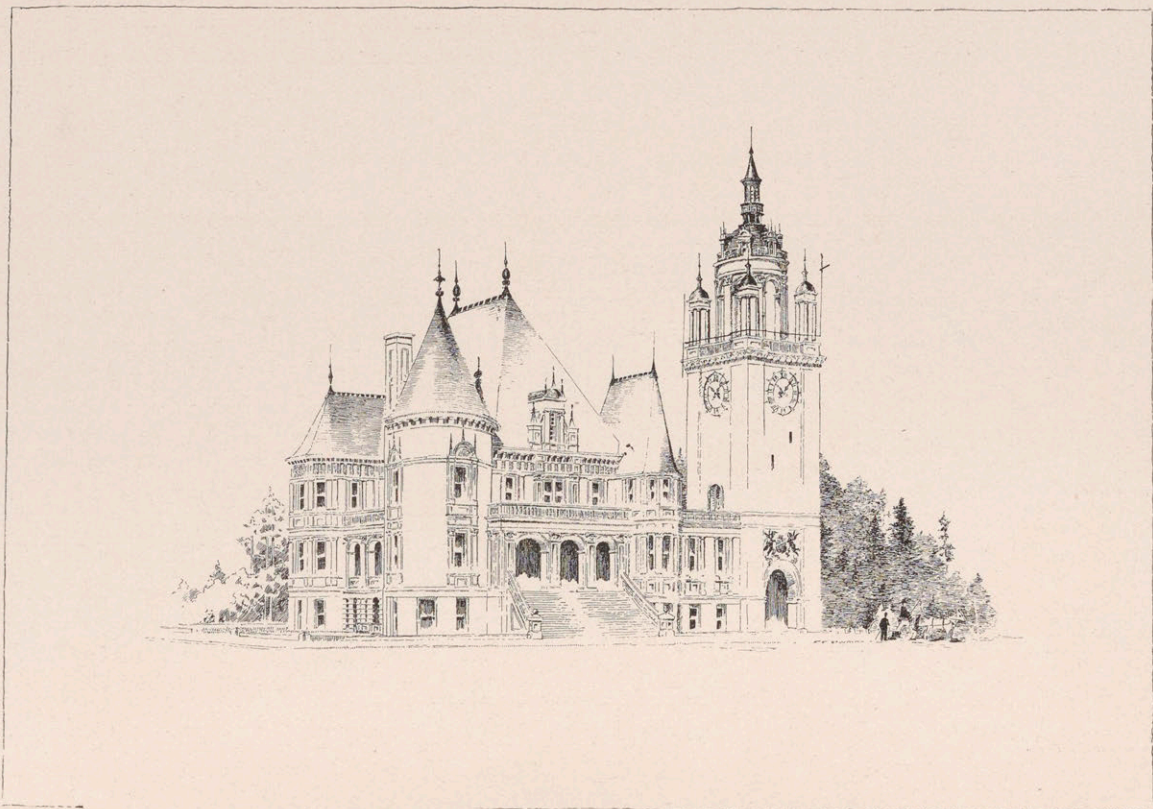




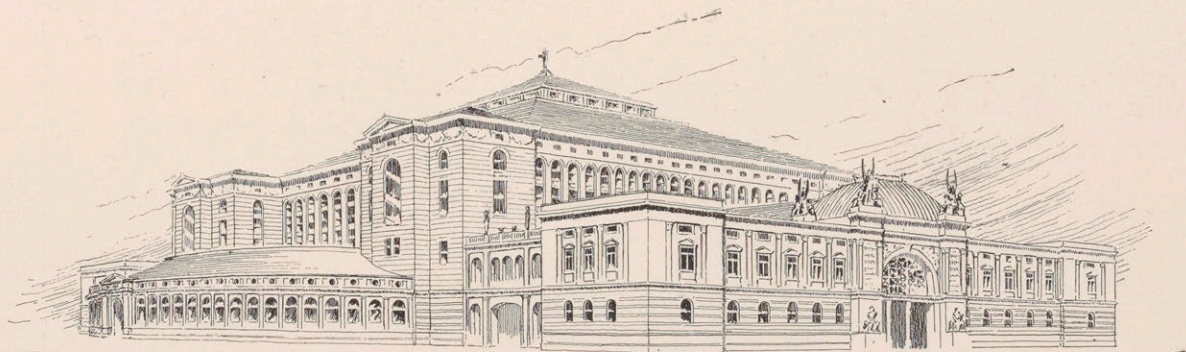


16. Thesis Design. F. Yoerg. An Insane Asylum.



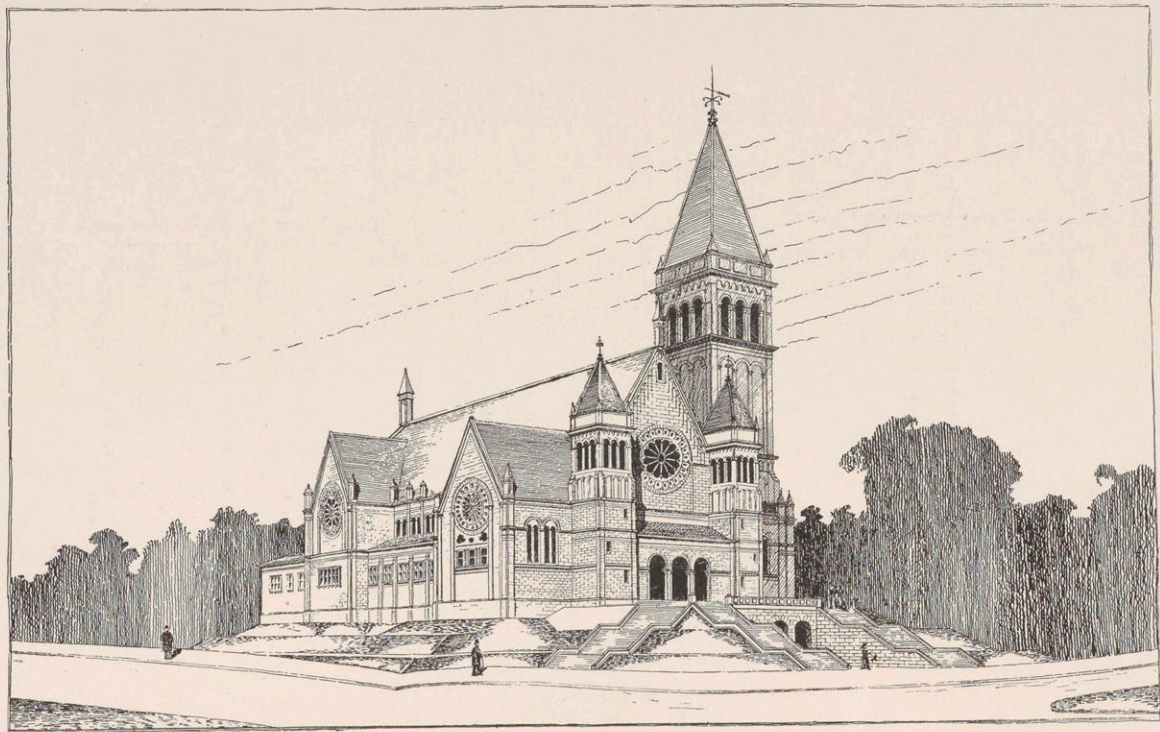


8. Thesis Design. F. E. Newman. Un Hotel de Ville.

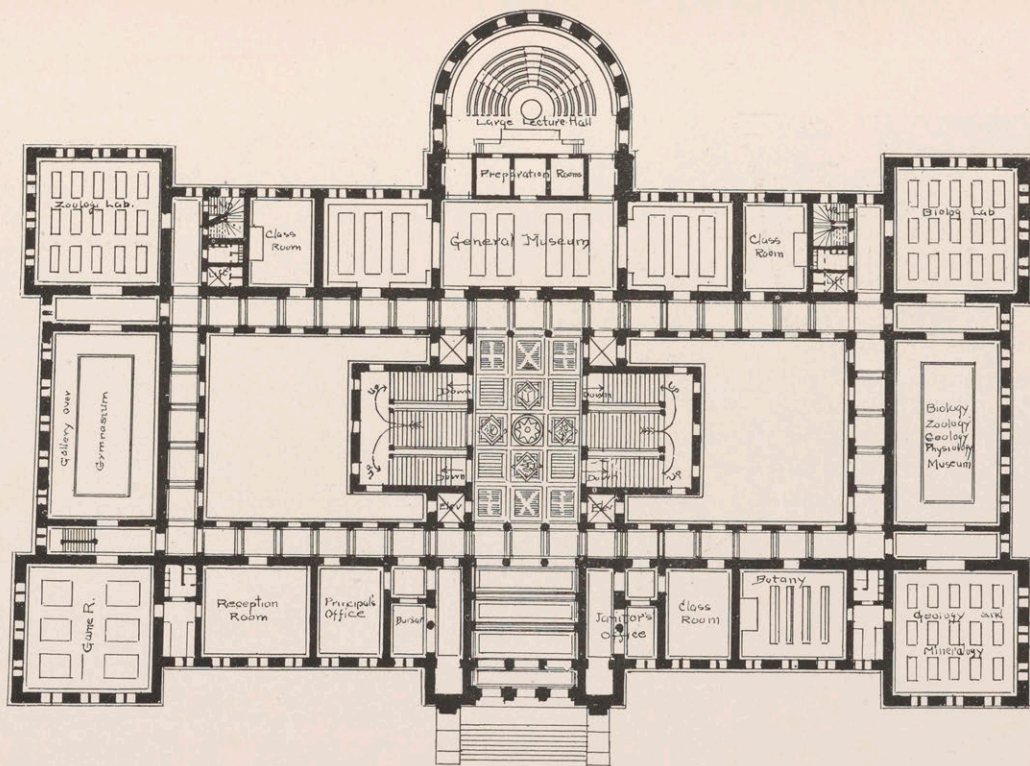


15. Thesis Design. A Woltersdorf. A Congressional Library.



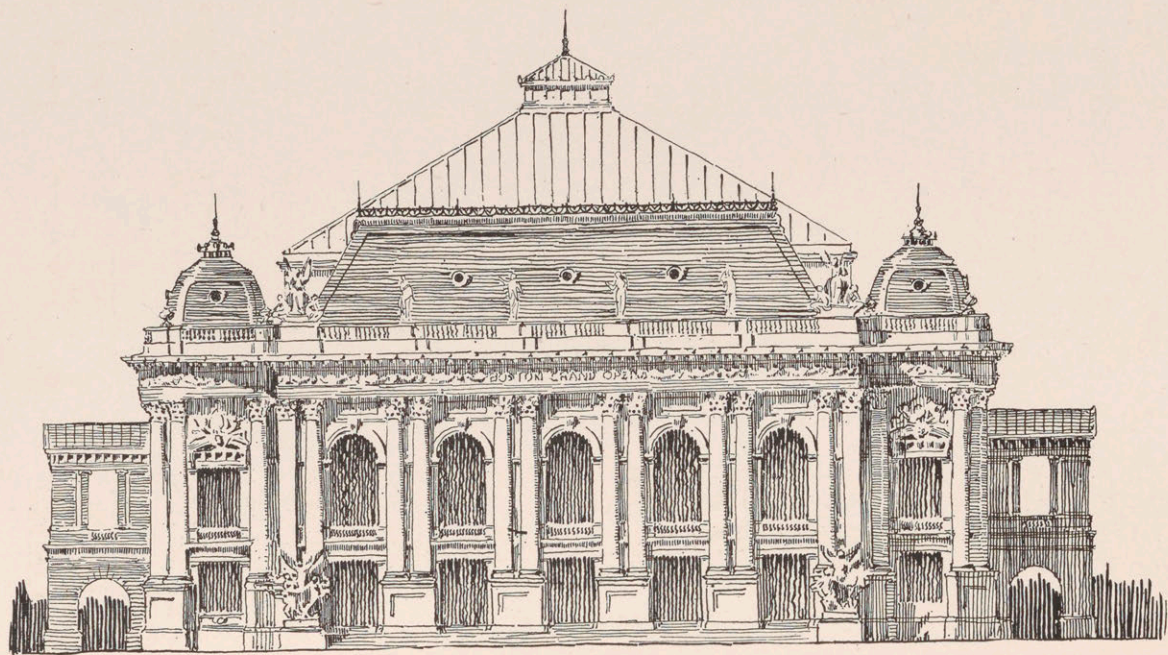


11. Thesis Design. T. H. Skinner. A Chapel for Wellesley College.

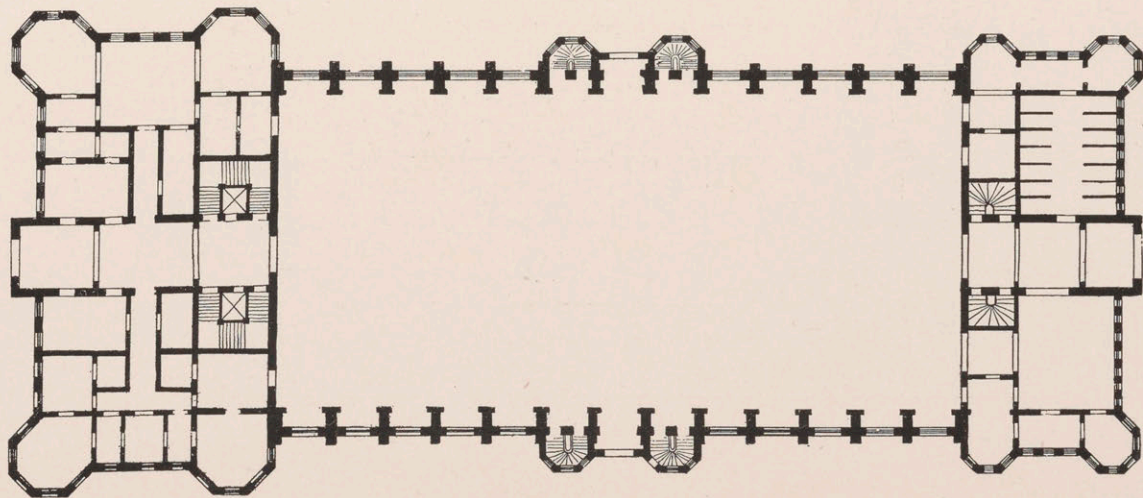
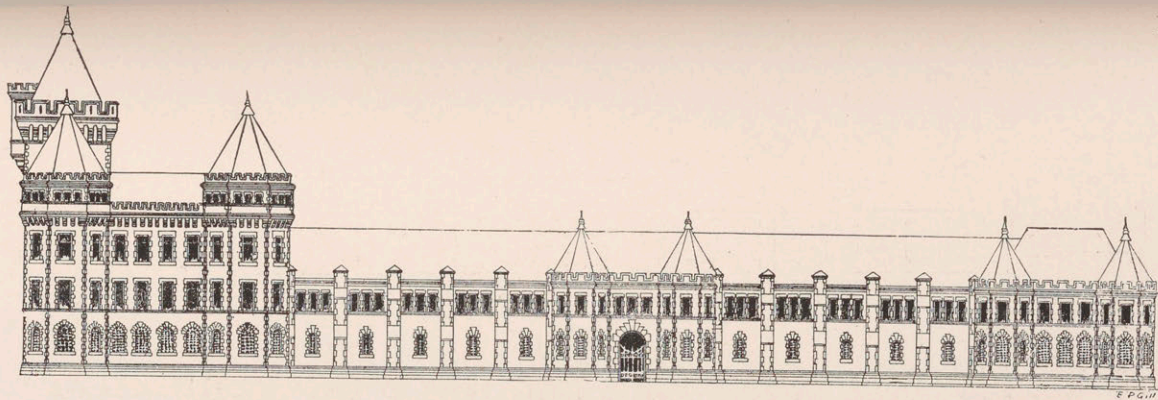


3. Thesis Design. F. Francis. A Technical High School.



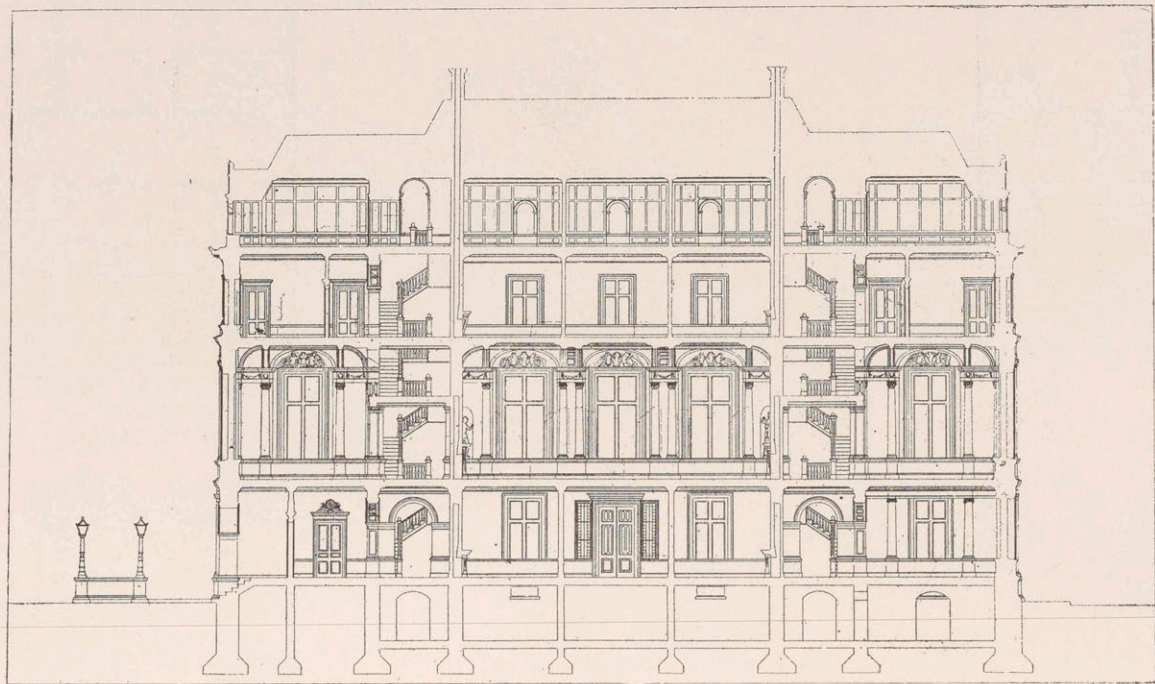


13. Thesis Design. J. F. Vining. An Opera House.



4. Thesis Design. E. P. Gill. An Armory.



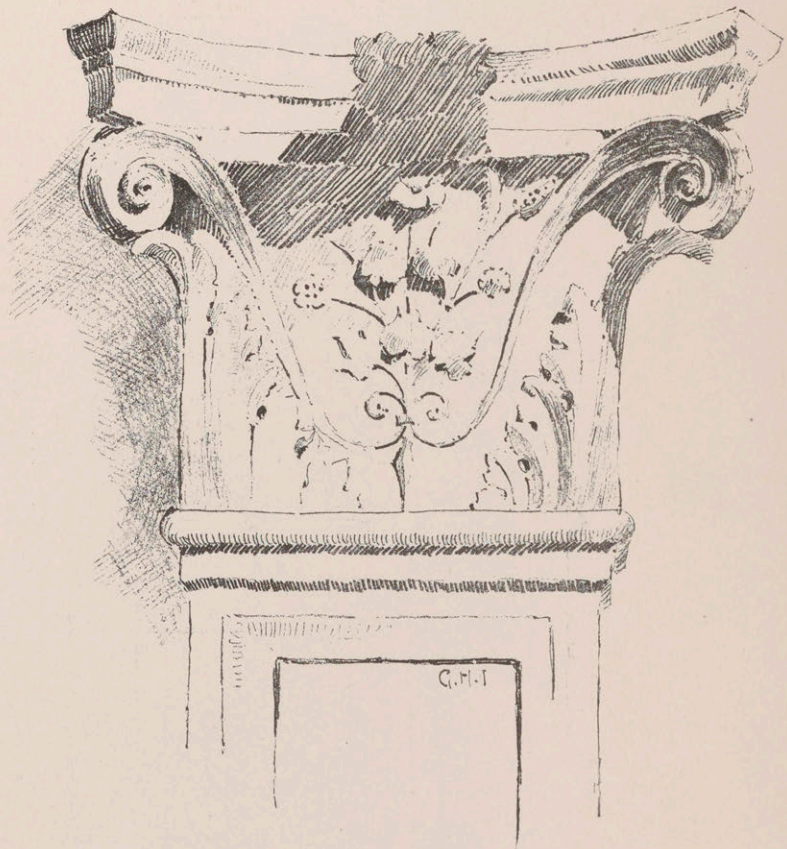


2. Thesis Design. L. Feland. An Official Residence.

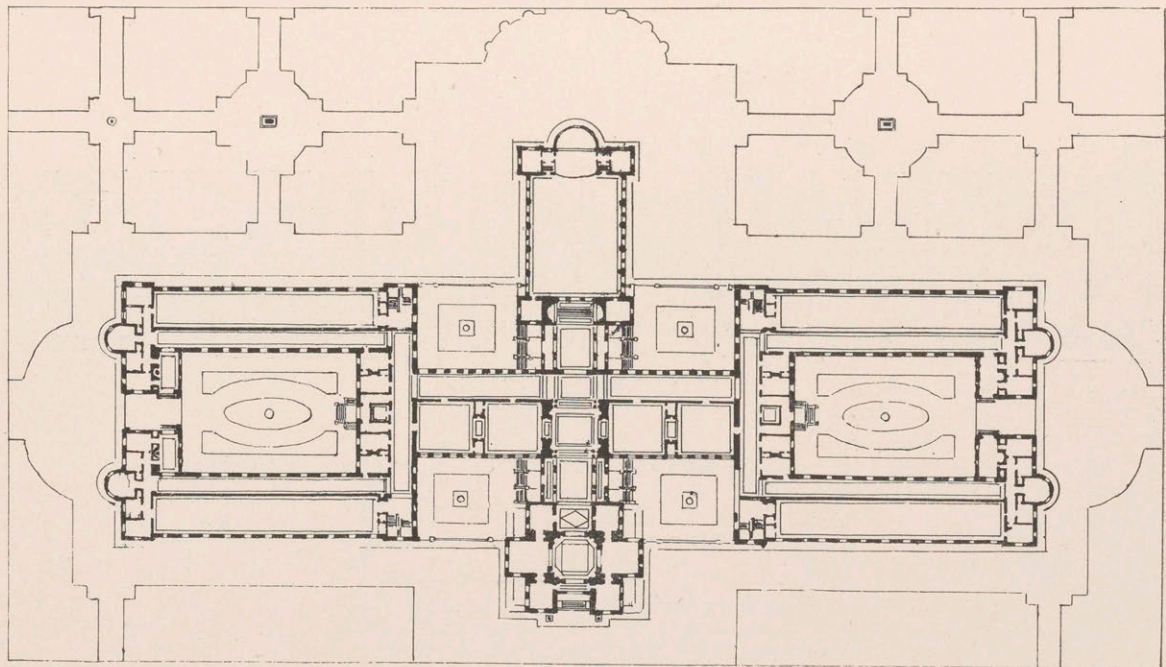


1. Thesis Design. W. H. Dennett. A Club House.



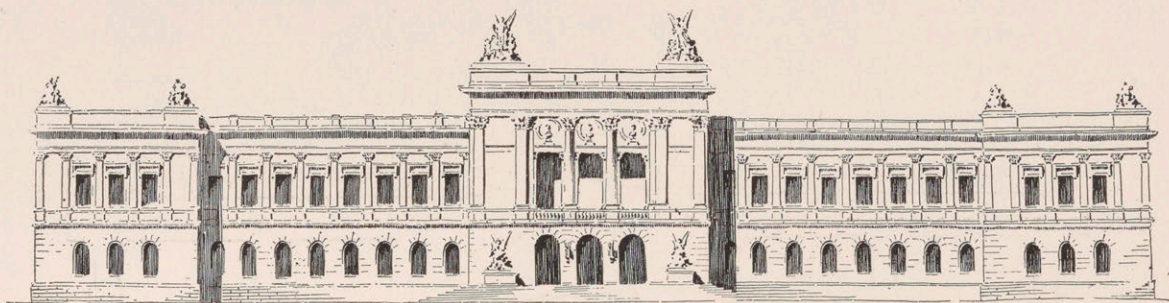


Sketch of Renaissance Capital. G. H. Ingraham.

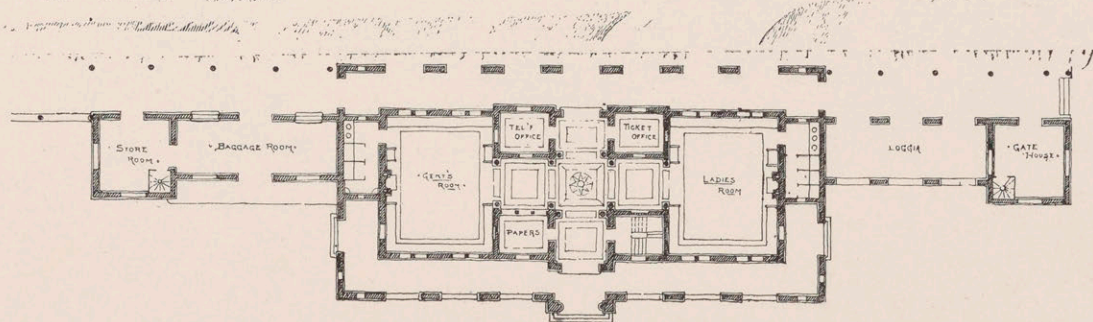
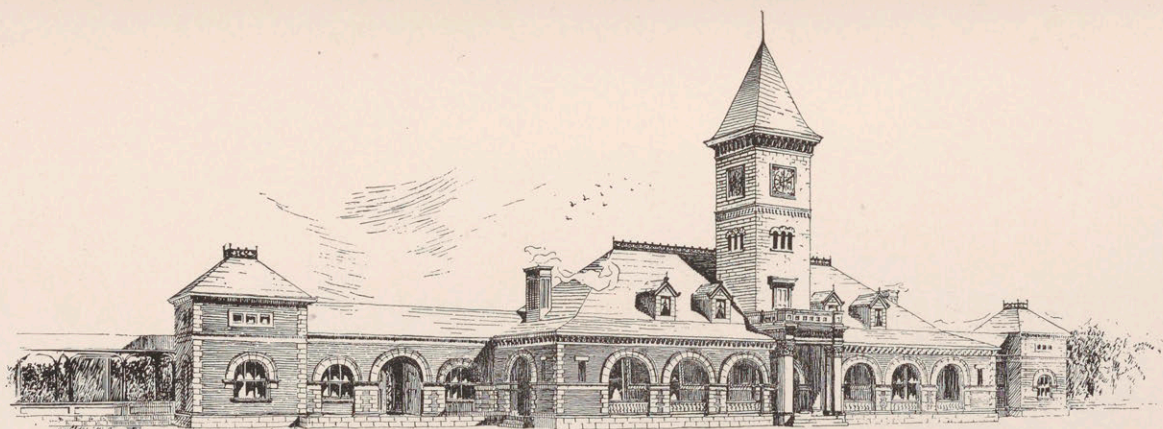


12. Thesis Design. R. R. Taylor. A Soldier's Home.



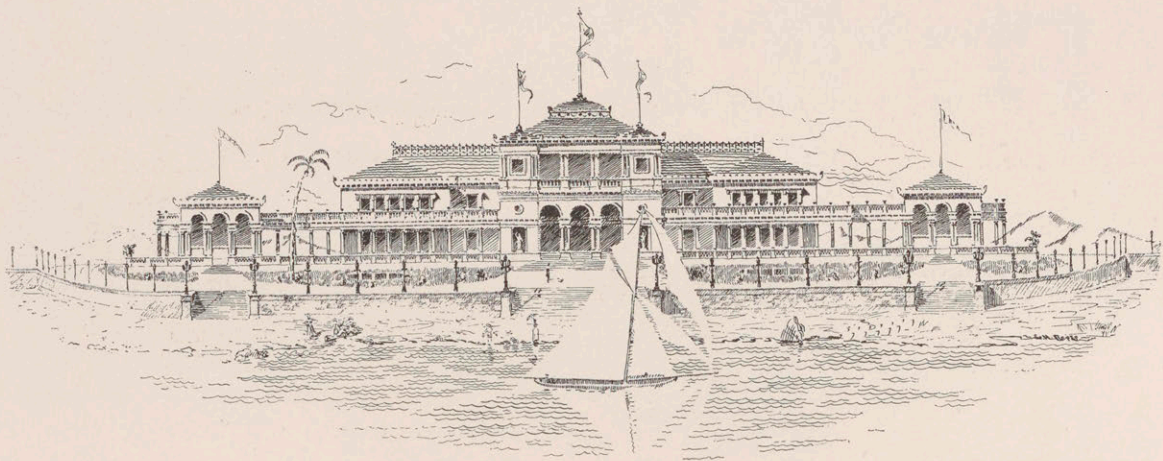


9. Thesis Design. A. D. Koch. A School of Architecture.

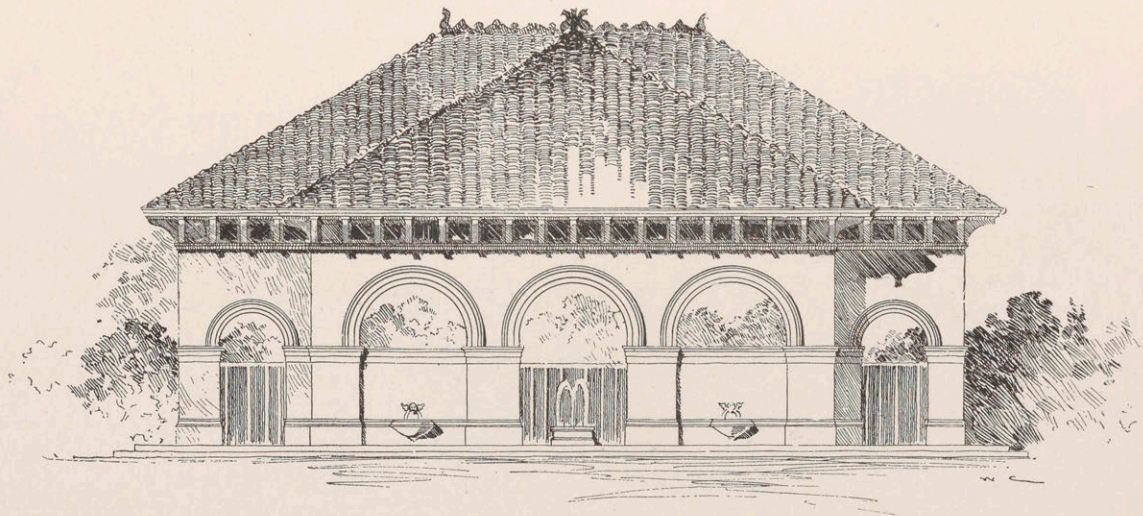


17. A Railway Station. F. E. Perkins.



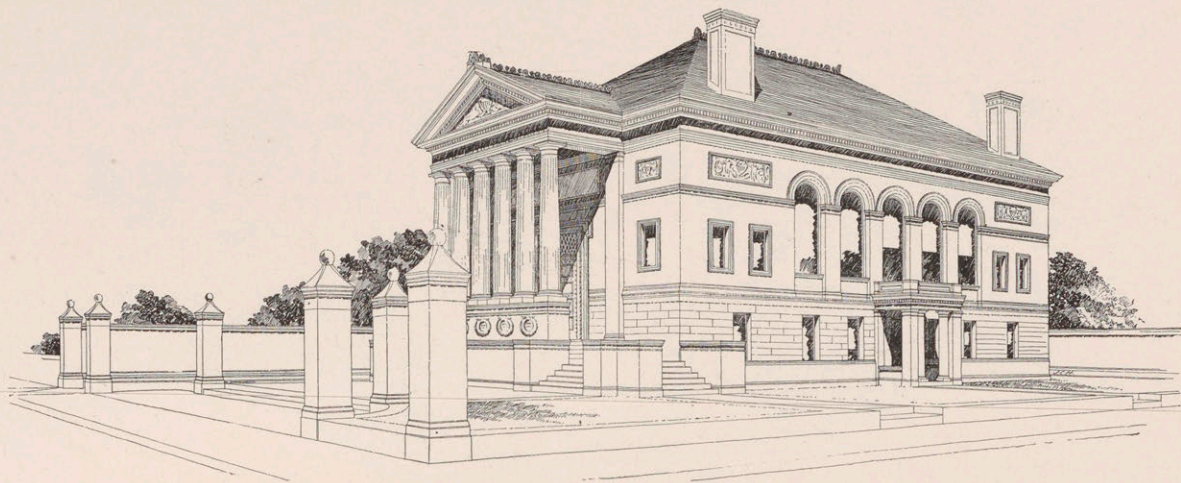


48. A Casino. G. H. Ropes.

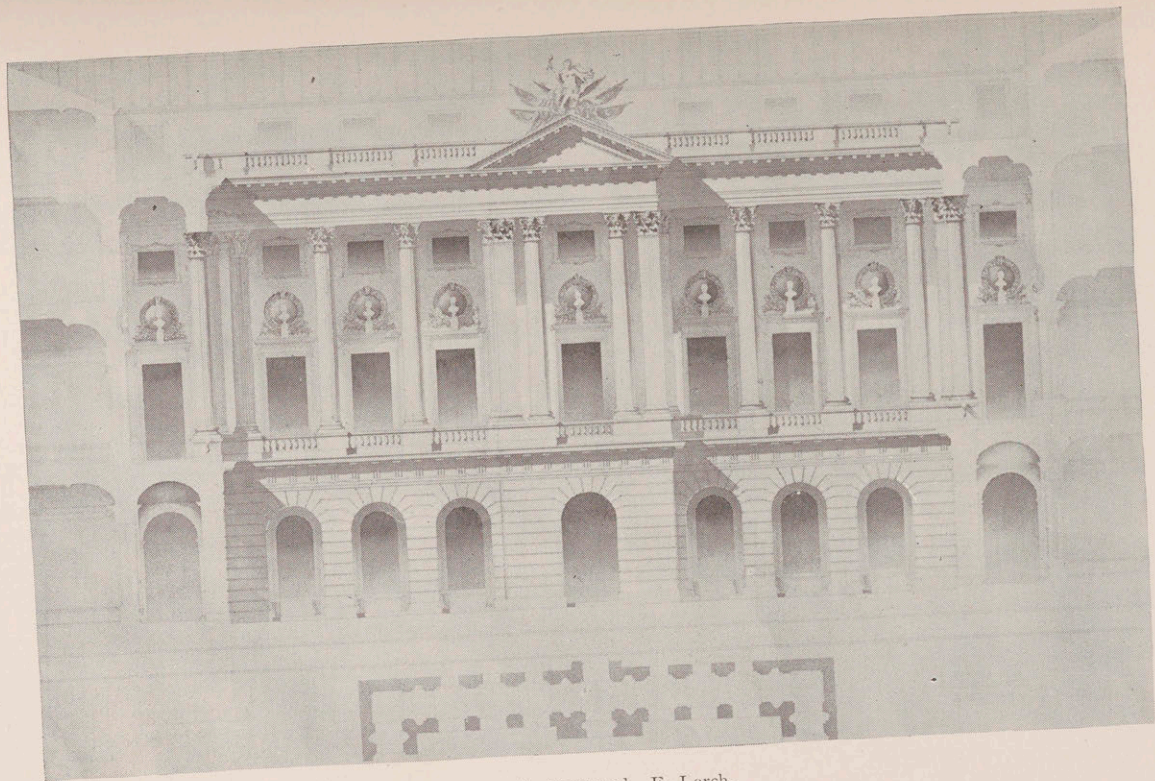


38 A Fish Market. L. W. Pulsifer.



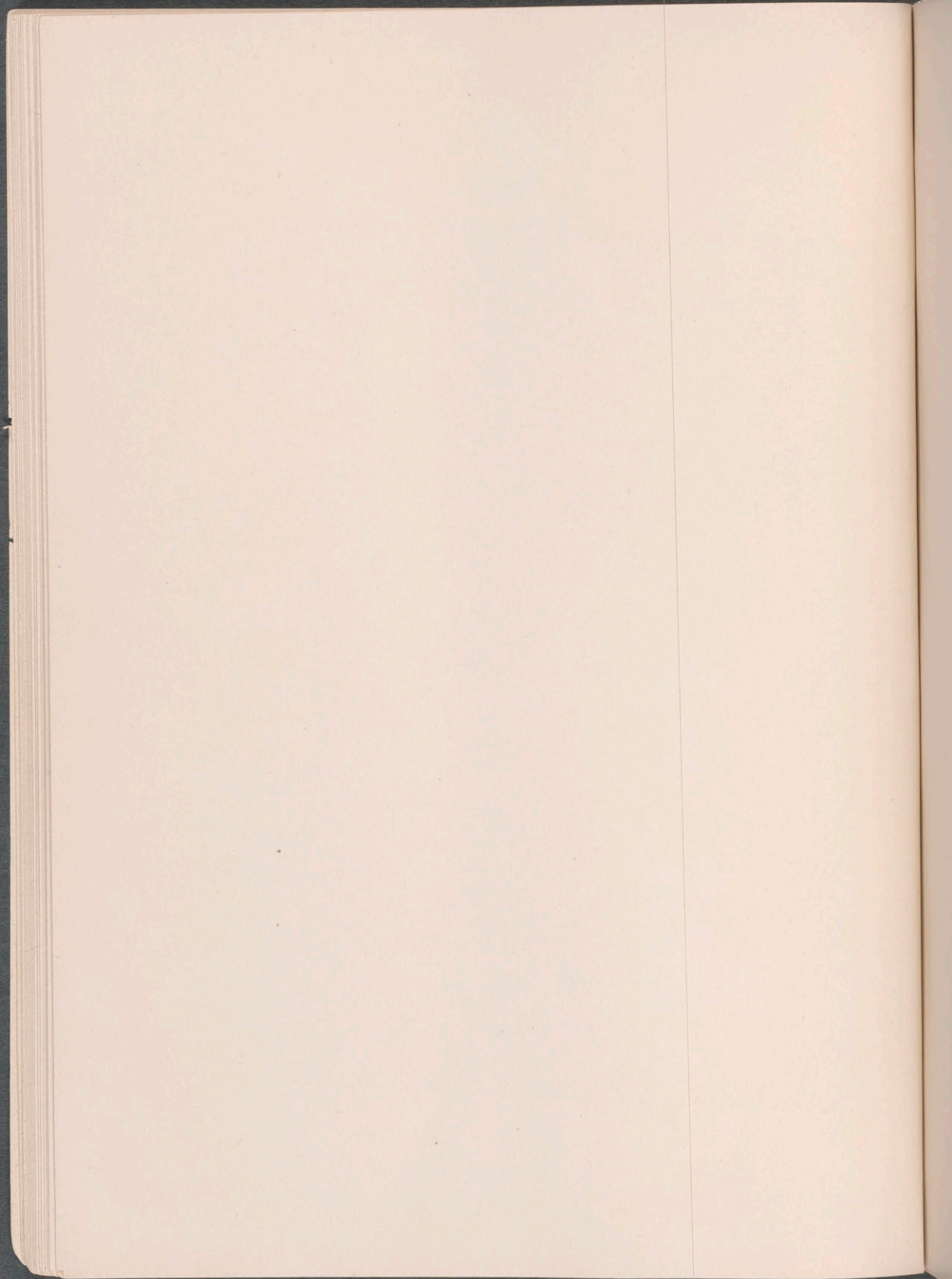


26. A Town Hall. L. W. Pulsifer,



117. A. Courtyard. E. Lorch.





PROBLEMS IN  
THIRD YEAR.  
DESIGN.



FOURTH YEAR. VI. Sketch Problem.

THIRD YEAR. IX. Sketch Problem.

COVERS FOR EXHIBITION CATALOGUES.

To design the covers of a catalogue for the next Annual Exhibition of Drawings of the Dept. of Architecture.

Size of this year's catalogue will be  $6\frac{1}{4}'' \times 8\frac{1}{2}''$

As the design for the front cover must clearly explain the architectural character of the book, it should be simple and quiet in its general arrangement and the words *Annual Exhibition of the Dept. of Architecture, Mass. Institute of Technology, Boston, May, 1892*, placed so as to be easily seen.

For the back of the catalogue, the drawings must not be larger than  $2'' \times 2\frac{3}{4}''$

Figures of any kind and sketches of the Institute buildings must not be used.

In order to obtain good results, drawings will be made twice as large as the final printed work, and rendered in pen and ink with a strong, vigorous treatment of shadows.

E. LÉTANG.

MENTIONS.

FRONT.

55. PULSIFER, L. W. . . . .	1st	1st.	61. DENNETT, W. H. . . . .	4th	2p
56. FRANCIS, F. L. . . . .	2d	1st.	62. INGRAHAM, G. H. . . . .	.	3d
57. NEWMAN, F. E. . . . .	3d	1st.	63. ANDREWS, G. W. . . . .	.	3d
58. FITTS, F. W. . . . .	1st	2d.	64. BALCH, F. DU P. . . . .	.	3d
59. PERKINS, F. E. . . . .	2d	2d.	65. MUHLENBURG, C. H. . . . .	.	3d
60. WOLTERS DORF, A. . . . .	3d	2d.	66. MCKENZIE, D. N. . . . .	.	3d

BACK.

67. THORNDIKE, H. H. . . . .	1st.	69. MUHLENBURG, C. H. . . . .	.	3d
68. INGRAHAM, G. H. . . . .	2d.			

THIRD YEAR. I. Monthly Problem.

A FRONTISPIECE OR GROUP.

In this composition a tetrastyle Greek Ionic temple in front elevation will be placed in the middle distance; in the foreground will be arranged a detail of the order used in the temple with the ante capital from the temple of the Erechtheum or any other classic building; a portion of a Greek Doric column, one or more Panathenaic vases and a cippus or stele with one or two antefixa. Other fragments, such as statuary, may be added.

Drawings to be fully rendered in color or India ink.

E. LÉTANG.

MENTIONS.

70. HIGHT, F. W. . . . .	1st	1st.	74. ROSENHEIM, S. F. . . . .	3d
71. THORNDIKE, H. H., . . . . .	2d	1st.	75. LORCH, E. . . . .	3d
72. HUNT, M. H. . . . .	1st	2d.	76. MESERVE, R. E. . . . .	3d
73. FITZ, F. W. . . . .	2d	2d.	77. SAWYER, C. W. . . . .	3d

THIRD YEAR. II. Sketch Problem.

A TEMPLE TOMB.

It is customary in some countries to erect over a grave or tomb a small temple or oratory just large enough to cover it, containing an altar where a single mourner may offer prayers for the dead.

It is required to design such a structure, making it in the form of a small Grecian temple with two detached columns in front (prostyle), the whole monument to be rather Greek than Roman in character.

The lot of ground is supposed to measure 6x12 feet.

Required: plan and elevation.

E. LÉTANG.

MENTIONS.

78. LORCH, E. . . . .	1st.	80. MESERVE, R. E. . . . .	3d
79. BALCH, F. DU P. . . . .	2d.	81. DUFORT, C. J. . . . .	3d



THIRD YEAR. III. Monthly Problem.

A BRIDGE AND SUMMER PAVILION.

A wealthy gentleman owns property through which two streams are flowing, one larger than the other. At their confluence he proposes to build a bridge across both streams, and also an open pavilion, for the purpose of obtaining rest and shelter in the summer-time and enjoying a full view of the beautiful surroundings.

Outside steps will be necessary to lead from the structure to the level of the water, where a landing for small boats and even a boathouse can be arranged. This boathouse may be directly under the pavilion or in the space between the arches of the bridge. The floor of the bridge is to be no less than fifteen feet above the water level, and the length one hundred feet at least.

The whole to be built of light-colored stone, except the roof of the pavilion, which may be made of slate, tile or metal.

Finished drawings to consist of one elevation, one plan and one section.

E. LÉTANG.

MENTIONS.

82. SMITH, H. . . . .	1st 1st.	89. WHITE, J. S. . . . .	5th 2d
83. TUTTLE, R. C. . . . .	2d 1st.	90. GRAVES, W. H. . . . .	3d
84. FITTS, F. W. . . . .	3d 2d.	91. HILL, W. R. . . . .	3d
85. THORNDIKE, H. H. . . . .	1st 2d.	92. HUBBY, R. G. . . . .	3d
86. BALCH, F. DU P. . . . .	2d 2d.	93. COX, F. E. . . . .	3d
87. PERKINS, G. B. . . . .	3d 2d.	94. GARLICH, C. F. . . . .	3d
88. DUFORT, C. J. . . . .	4th 2d.		

THIRD YEAR. IV. Sketch Problem.

THE USE OF FOUR COLUMNS.

A rich gentleman is in possession of four shafts of rich marble which he wishes to make use of in the erection of a small monument.

As these columns can serve equally well to form a part of a great variety of structures, each student is left free to choose the subject of his composition. It may be an open pavilion, porch, fountain,

pedestal or any other structure whatever, but the columns must be made a prominent feature of the design.

They are to be 12 feet high, exclusive of base and capital which are to be supplied. Any substructure, such as basement, steps or basins, that the nature of the composition requires can be added.

Required: plans and elevations of two different compositions.

E. LÉTANG.

MENTIONS.

95. SIMONDS, F. P.	. . . 1st.	99. DUFORT, C. J.	. . . 3d
96. TUTTLE, R. C.	. . . 1st 2d.	100. HIGHT, F. W.	. . . 3d
97. LORCH, E.	. . . 2d 2d.	101. BALCH, F. DU P.	. . . 3d
98. ANDREWS, G. W.	. . . 3d.		

THIRD YEAR. V. Monthly Problem.

AN ARTIST'S STUDIO.

The proposed studio is to be built for a wealthy amateur of the fine arts and especially of painting. It may be isolated or connected with his rich country house by means of a gallery, conservatory or portico; but students are not obliged to take this into consideration in their compositions.

The studio proper will cover an area of about 700 sq. ft., and is to be lighted by a *single large window*. The plan will also provide for a few small rooms, such as library, model room, rubbish and toilet rooms.

This little structure may be of *one* or *two* stories, built of stone, or stone and brick combined, but the purpose of the building must be plainly shown on the outside by its architectural decoration.

Finished drawings: one elevation, one plan and one section.

E. LÉTANG.

MENTIONS.

102. LORCH, E.	. . . 1st 1st.	110. HUNT, M. H.	. . . 5th 2d
103. DUFORT, C. J.	. . . 2d 1st.	111. HOLT, A. C.	. . . 3d
104. GOTTLIEB, A. S.	. . . 3d 1st.	112. BISCOE, M. B.	. . . 3d
105. SAWYER, C. W.	. . . 4th 1st.	113. WHITE, J. S.	. . . 3d
106. ANDREWS, G. W.	. . . 1st 2d.	114. COX, F. E.	. . . 3d
107. PERKINS, G. B.	. . . 2d 2d.	115. Hill, W. R.	. . . 3d
108. THORNDIKE, H. H.,	3d 2d.	116. SMITH, H.	. . . 3d
109. FITTS, F. W.	. . . 4th 2d.		



### THIRD YEAR. VI. Monthly Problem.

#### A COURT-YARD SURROUNDED WITH PORTICOS.

It is proposed to design the interior court-yard of a stately residence, such as the government might erect for the President of the United States.

The building is to be disposed around a hollow square or court-yard of at least 100 ft. by 100 ft., and surrounded by a portico.

It is to be three stories in height (and possibly an attic) each story to be no less than 14 ft. from floor to ceiling; the court-yard to be accessible through four entrances.

The portico on the ground floor will be treated as an open Doric arcade, with vaulted ceiling; the two upper stories to be treated in harmony with the story below.

Most of the Italian palaces and villas are arranged on this scheme, one of the best examples is the Farnese palace. For information students will do well to study the work published under the title of *Edifices de Rome Moderne*.

Finished drawings: plan and elevation on one sheet; the other filled with principal details on a large scale.

E. LÉTANG.

#### MENTIONS.

117.	LORCH, E.	. . .	1st	1st.	123.	WHITE, J. S.	. . .	4th	2d
118.	DUFORT, C. J.	. . .	2d	1st.	124.	BALCH, F. DU P.	. . .		3d
119.	TUTTLE, R. C.	. . .	3d	1st.	125.	ANDREWS, G. W.,			3d
120.	SMITH, H.	. . .	1st	2d.	126.	MESERVE, R. E.	. . .		3d
121.	PERKINS, G. B.	. . .	2d	2d.	127.	HUNT, M. H.	. . .		3d
122.	HIGHT, F. W.	. . .	3d	2d.	128.	FITTS, F. W.	. . .		3d

### THIRD YEAR. VII. Sketch Problem.

#### A DRINKING FOUNTAIN.

A drinking fountain is to be erected by the city of Boston on the Public Garden nearly opposite No. 13 Arlington Street. It is to be built of stone or granite, with no less than four jets, and shall not exceed 20 ft. in height.

A moderate amount of well-placed sculpture in the way of bas-relief ornament is admissible.



As it is intended for persons only, jets of water and basins are necessary, and in view of the highly ornamented garden in which it is placed, some appropriate accommodations for vases of flowers and possibly small basins for aquatic plants may be provided.

Required: plan and elevation, drawn in perspective if preferred.

E. LÉTANG.

MENTIONS.

129. PERKINS, G. B. . . . .	1st.	130. BALCH, F. DU P. . . . .	2d
		131. BISCOE, M. B. . . . .	3d

THIRD YEAR. VIII. Monthly Problem.

A MONUMENTAL ENTRANCE TO MUSIC HALL.

It is proposed to design a monumental entrance for the Boston Music Hall. This entrance to be located at the end and on the axis of Hamilton Place. The street is approximately 35' wide.

Students are free to alter the existing arrangements so far as the plan is concerned, but will confine themselves to the designing of an entrance whose architecture must be rich, noble and dignified, as becomes a temple devoted to music.

Some characteristic decoration, such as statuary, bas-reliefs and emblems, can be used.

Besides the entrance proper, the plan must include a vestibule, ticket-office and grand staircase leading up to the different balconies.

Finished drawings: one elevation, plan and section and principal details on a larger scale.

E. LÉTANG.

MENTIONS.

132. DUFORT, C. J. . . . .	1st	1st.	137. GARLICH, C. F. . . . .	3d
133. LEEDS, E. I. . . . .	2d	1st.	138. PERKINS, G. B. . . . .	3d
134. SMITH, H. . . . .	1st	2d.	139. SAWYER, C. W. . . . .	3d
135. ANDREWS, G. W. . . . .	2d	2d.	140. THORNDIKE, H. H. . . . .	3d
136. LORCH, E. . . . .	3d	2d.	141. TUTTLE, R. C. . . . .	3d

THIRD YEAR. SPECIAL PROBLEMS IN DESIGN.

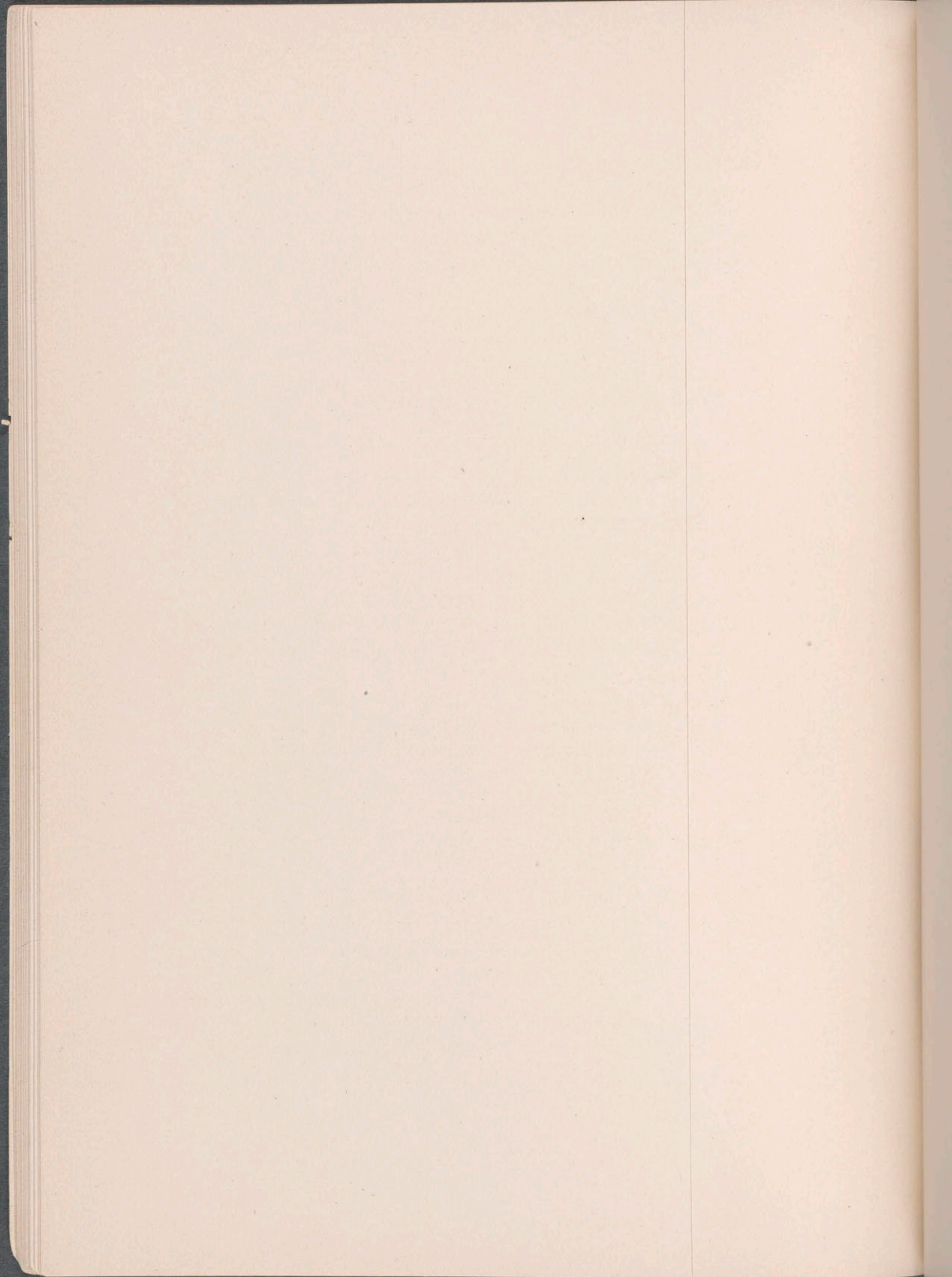
Iron Grille. Sketch Problem.

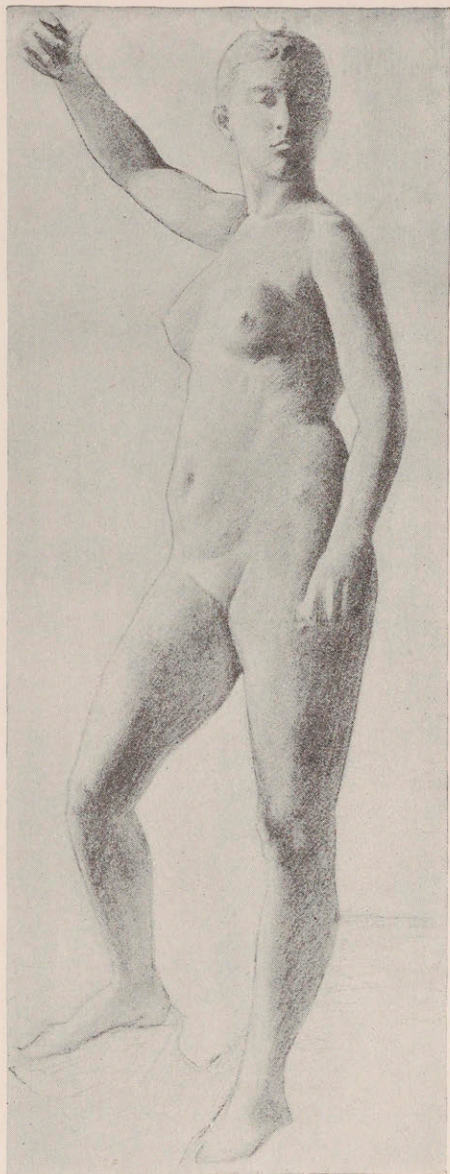
142. LOTZ, A. C. . . . .	1st Mention.
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ART CLUB BUILDING. MONTHLY PROBLEM.

143. LOTZ, A. C. . . . .	1st Mention.
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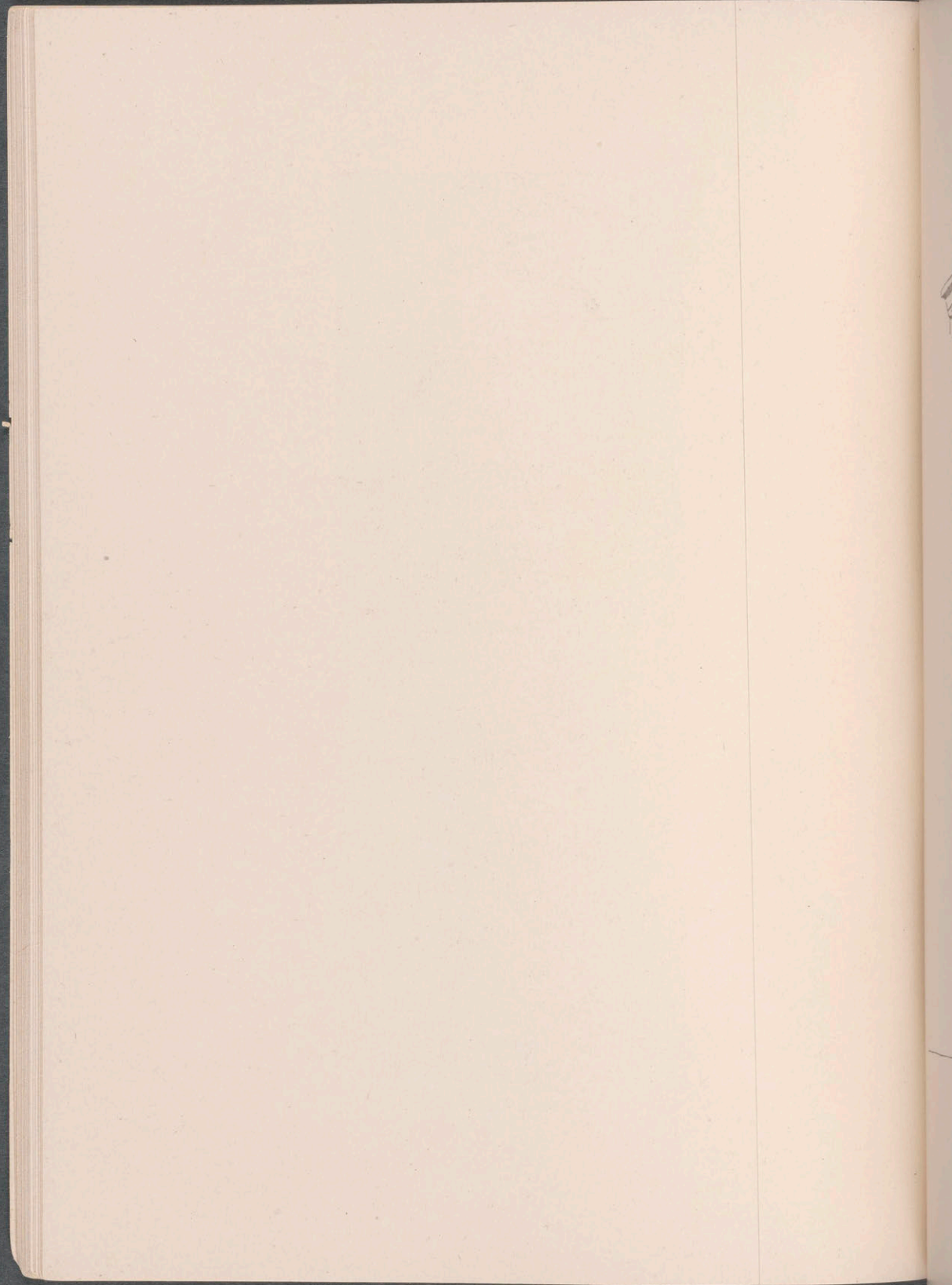


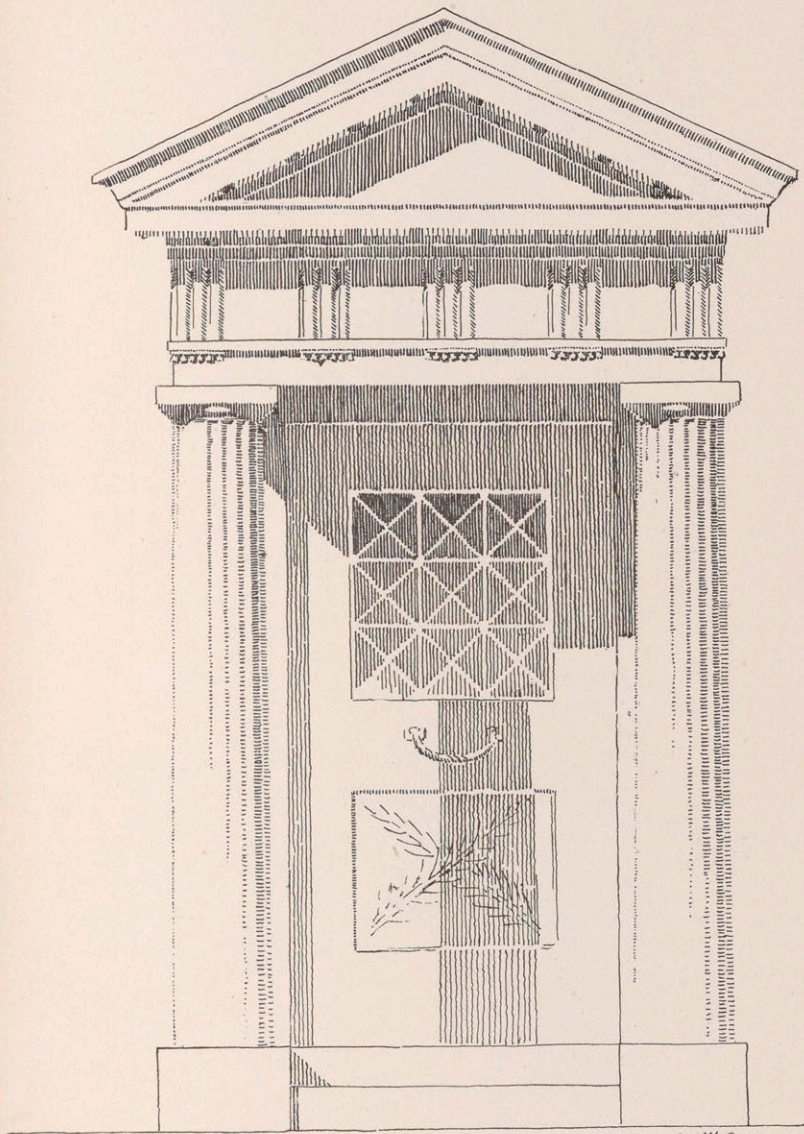




Study from Cast. R. E. Meserve.



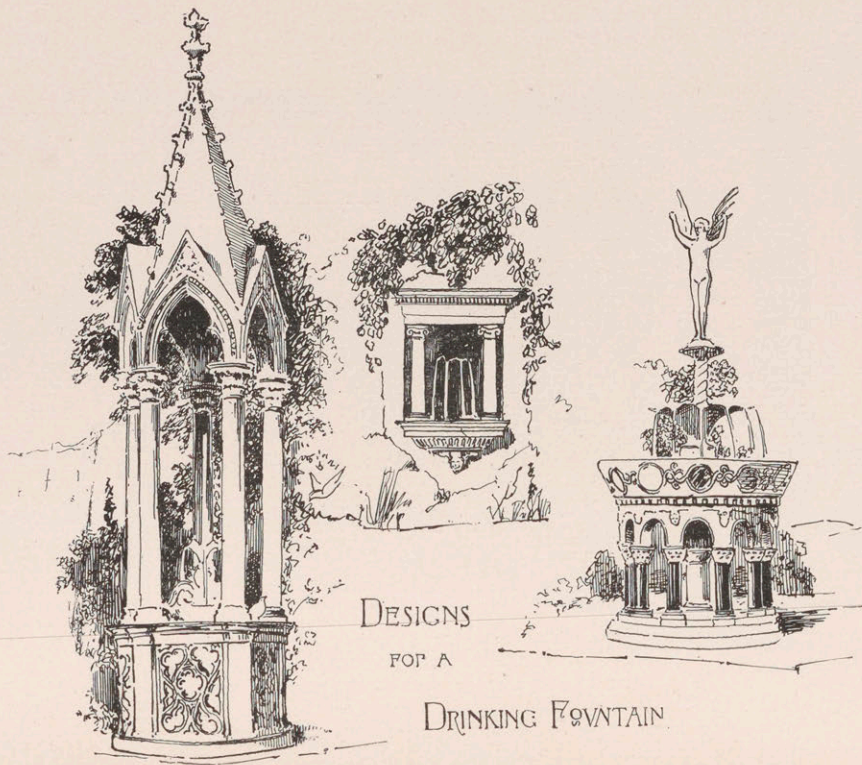




78. A Temple Tomb. E. Lorch.

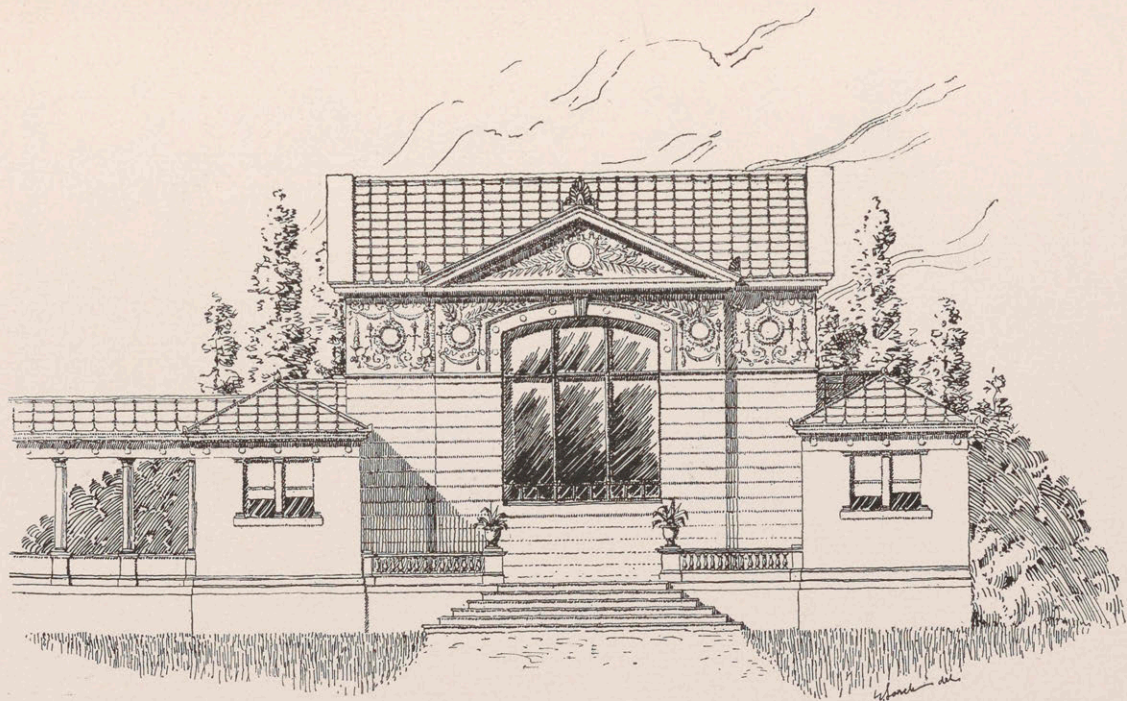
*J. W. Andrews del*





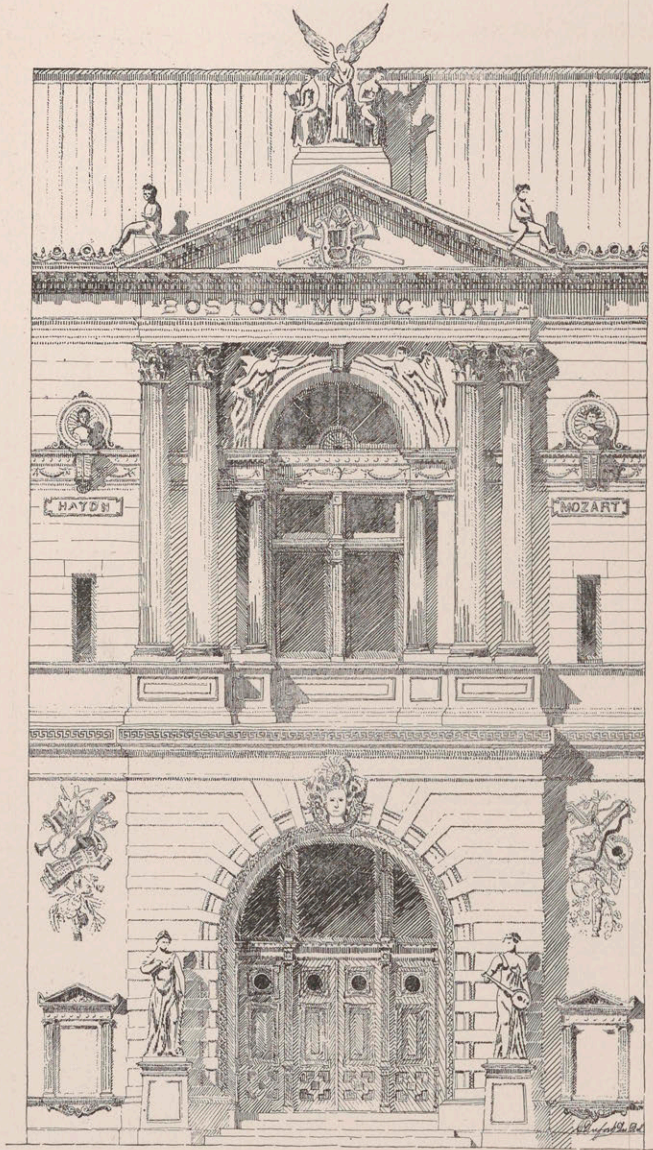
DESIGNS  
FOR A

DRINKING FOUNTAIN.



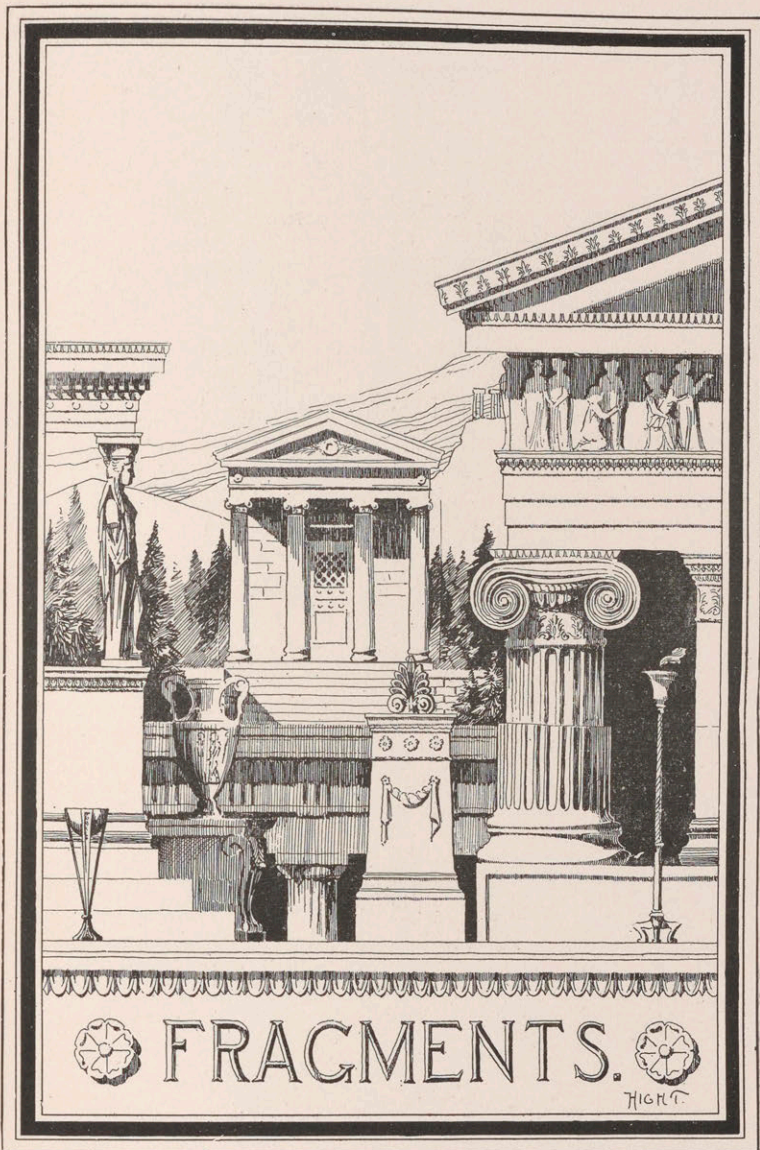
102. An Artist's Studio. E. Lorch.





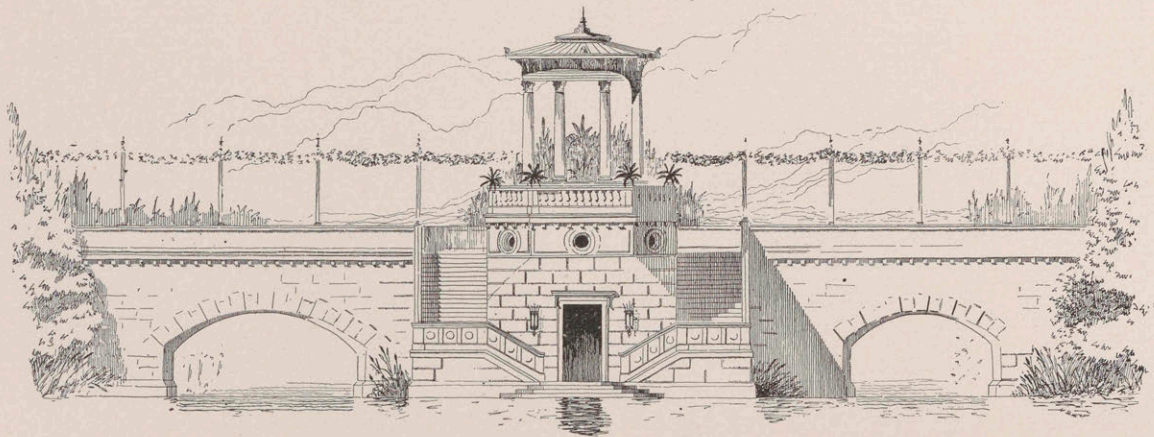
132. Entrance to Music Hall. C. J. Dufort.



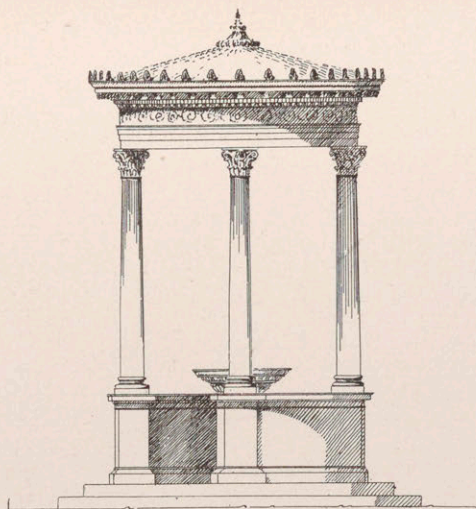
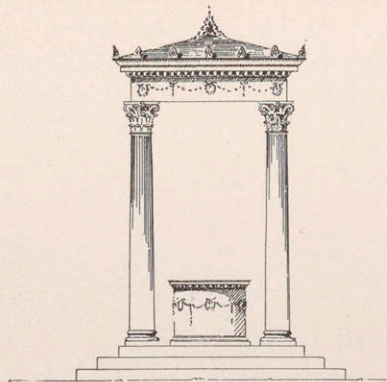


70. A Frontispiece. F. W. Hight.

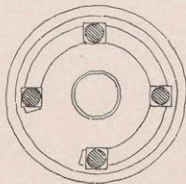
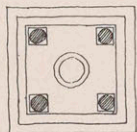




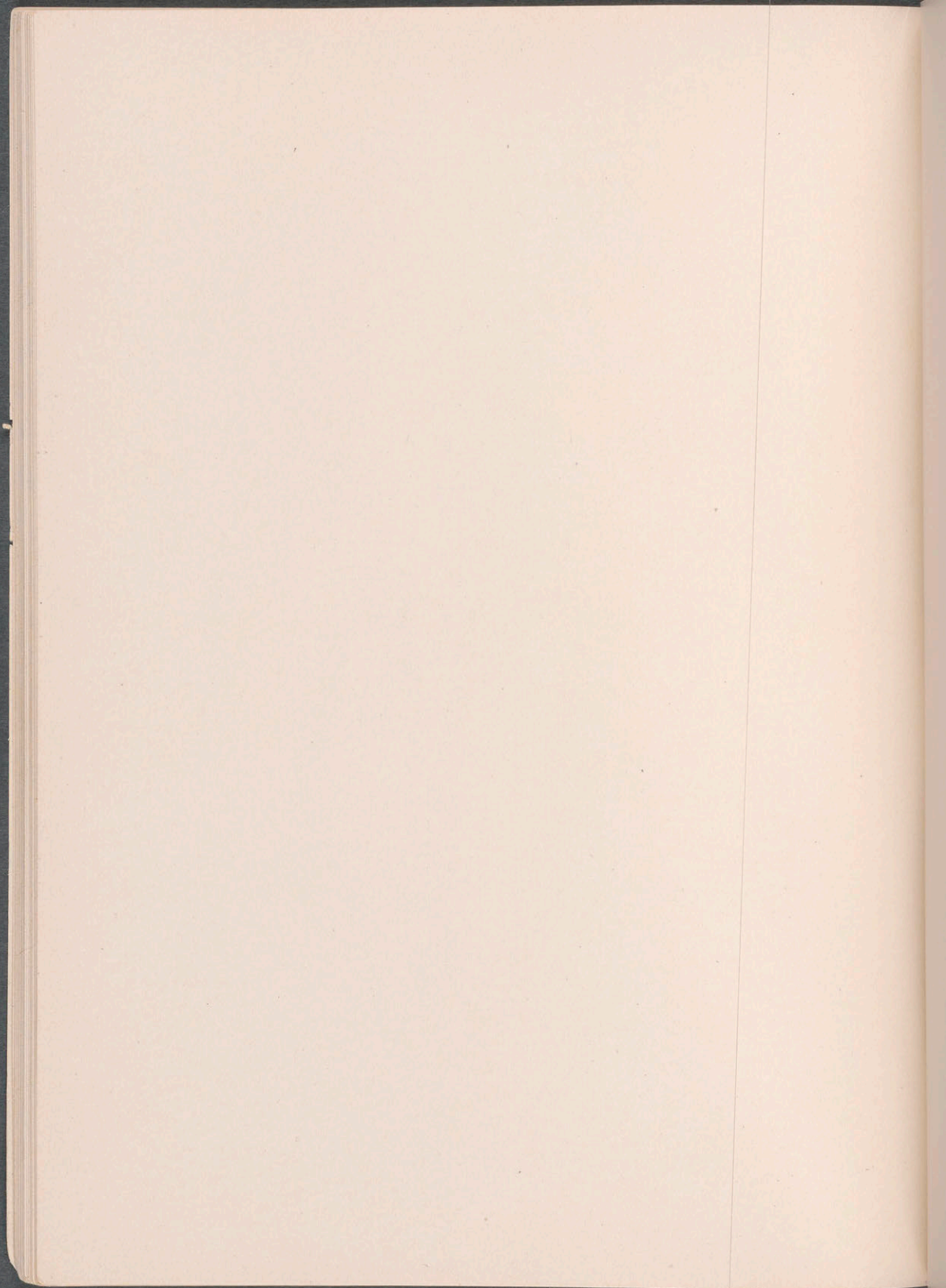
82. A Summer Pavilion. H. Smith.



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PROBLEMS IN  
SECOND YEAR.  
DESIGN.



SECOND YEAR. I. Monthly Problem.

AN ENTRANCE.

An entrance to a public building leads directly from an open court to a large entrance hall.

The doorway is placed in a two-foot thick stone wall, is to be 5 feet wide in the clear, and of proper height in proportion, and will be raised 3 feet above the ground level.

Some kind of suitable protection to the doorway, as a portico, porch, or canopy, is to be designed, to keep rain and snow from the immediate entrance.

Care must be taken to arrange steps, columns, etc., so as to give the most direct and unobstructed exit from the building.

Finished drawings required: plan, elevation, and section.

E. B. HOMER.

MENTIONS.

144.	E. C. KLIPSTEIN .	1st	1st.	150.	M. L. WARREN .	1st	3d
145.	A. G. ZIMMERMANN,	2d	1st.	151.	T. S. MARR .	2d	3d
146.	H. O. HOLLAND .	3d	1st.	152.	H. W. GORE, JR. .	3d	3d
147.	F. C. GATES .	1st	2d.	153.	C. W. DICKEY .	4th	3d
148.	H. E. DAVIS .	2d	2d.				
149.	B. S. HARRISON .	3d	2d.				

SECOND YEAR. II. Sketch Problem.

A MEMORIAL TABLET.

A memorial tablet of white marble is to be placed on the walls of a large city church, bearing the words:

IN MEMORIAM.

JAMES THOMPSON, ARCHITECT OF THIS CHURCH.

Born at Plymouth, England, Sept. 20, 1838.

Died at Boston, Mass., May 9, 1891.

This tablet will be simple and refined in outline, and particular

attention will be paid to the character and arrangement of the mouldings and letters.

Figures will not be used.

E. B. HOMER.

MENTIONS.

154.	C. W. DICKEY	. 1st	1st.	158.	H. W. GORE, JR.	. 2d	3d
155.	D. C. CHAFFEE	. 1st	2d.	159.	H. E. DAVIS	. 3d	3d
156.	A. C. ZIMMERMANN,	2d	2d.	160.	C. R. KNAPP	. 4th	3d
157.	T. M. SHARPE	. 1st	3d.				

SECOND YEAR. III. Monthly Problem.

A CIRCULAR TEMPLE.

A temple to be built in honor of one of the heathen deities will consist of a circular cella surrounded by columns of the Doric or Corinthian Order.

A statue of the deity, 9 ft. high, will be mounted upon a pedestal at the centre of the building, and enough space will be left around the figure to afford a good view from all sides.

The temple will be approached by not less than twelve steps and must have a principal entrance.

Light will be admitted to the interior through openings in the cella walls.

A few simple figures may be used to mark different points of the building, but these figures should in all cases be subordinate to the principal statue.

Required: plan, elevation and section.

E. B. HOMER.

MENTIONS.

161.	E. S. BAUMANN	. 1st	1st.	166.	H. L. NEWHOUSE	. 3d	3d
162.	J. H. BUTTIMER	. 2d	1st.	167.	T. S. MARR	. 1st	3d
163.	E. C. KLIPSTEIN	. 3d	1st.	168.	F. C. GATES	. 2d	3d
164.	C. W. DICKEY	. 1st	2d.	169.	D. BUMSTEAD	. 3d	3d
165.	P. F. GILBERT	. 2d	2d.	170.	H. O. HOLLAND	. 4th	3d



SECOND YEAR. IV. Sketch Problem.

A CLOCK.

On one side of a large assembly room now being erected, a clock with dial 36' in diameter, is to be built into and made a part of the wall.

Directly below the clock is a door opening into the room, so the two features must be combined to form a good architectural composition.

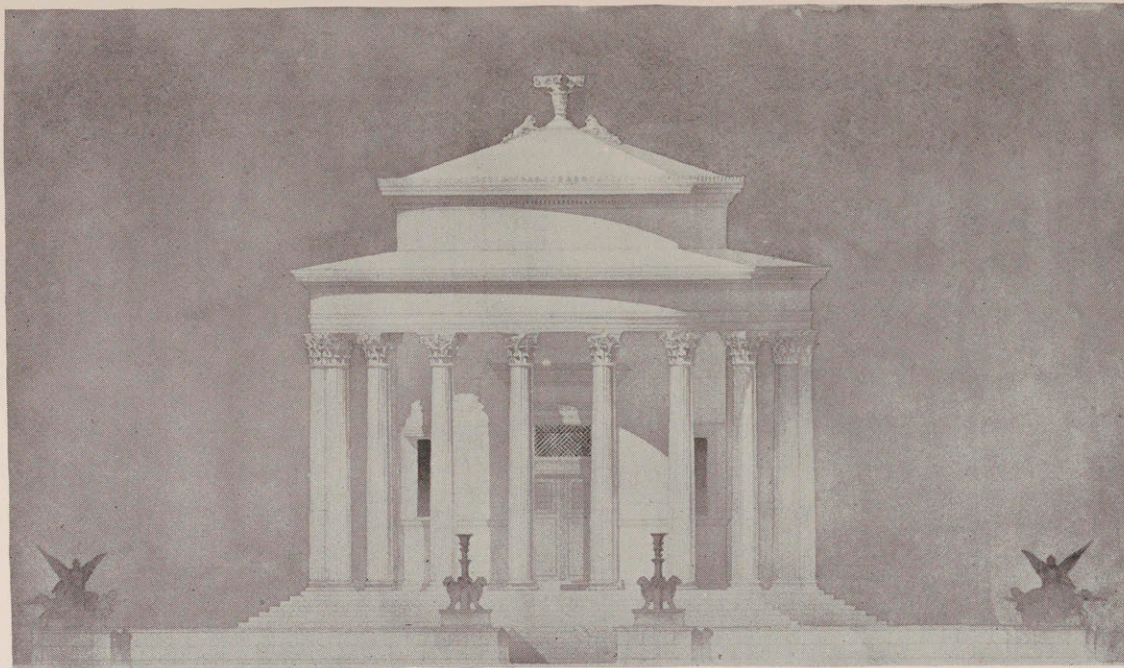
The surrounding wall surfaces will be relieved only by the jointing of the stone, and particular care must be taken to have the mouldings of the stone clock and door tie in well with the broad wall surfaces.

E. B. HOMER.

MENTIONS.

171.	D. C. CHAFFEE	. 1st	1st.	176.	G. E. MERRILL	. . .	3d
172.	D. BUMSTEAD,	. 2d	1st.	177.	A. C. TURNER	. . .	3d
173.	E. C. KLIPSTEIN,	. 1st	1st.	178.	H. W. GORE, JR.	. . .	3d
174.	E. C. GATES	. . .	2d 1st.	179.	H. E. DAVIS	. . .	3d
175.	H. O. HOLLAND	. . .	3d 1st.				

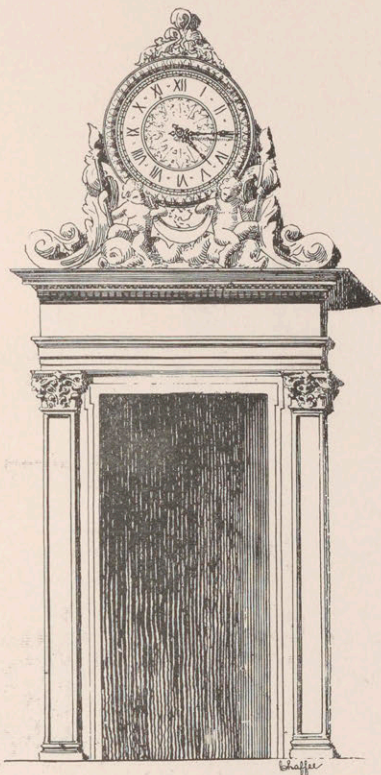
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180. Problems in Decoration.  
 181. " " Stereotomy.  
 182. " " Perspective.  
 183. " " Shades and Shadows.  
 184. Drawings for course in Orders.  
 185. " " " " Free-hand Drawing.  
 186. " " " " Water-color.  
 187. " " " " Pen and Ink.



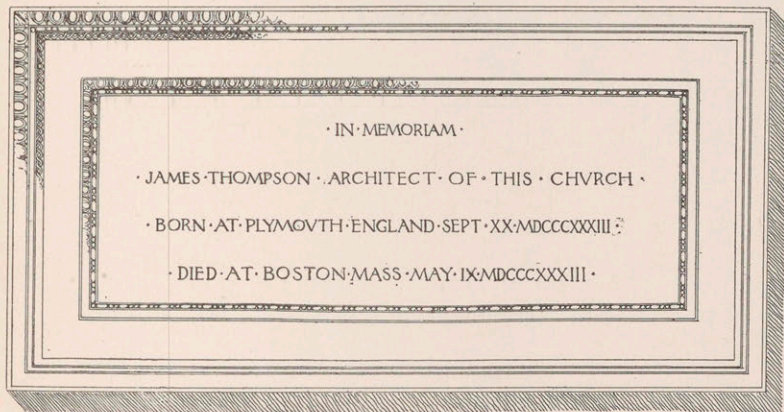
161. A Circular Temple. E. S. Baumann.





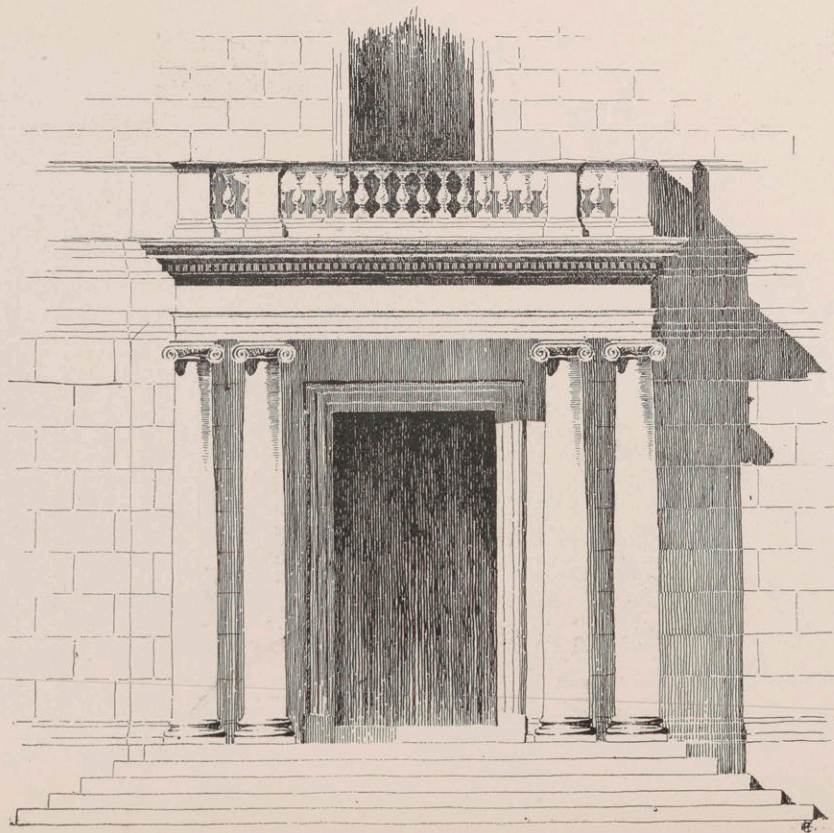


171. A Clock. D. C. Chaffee.

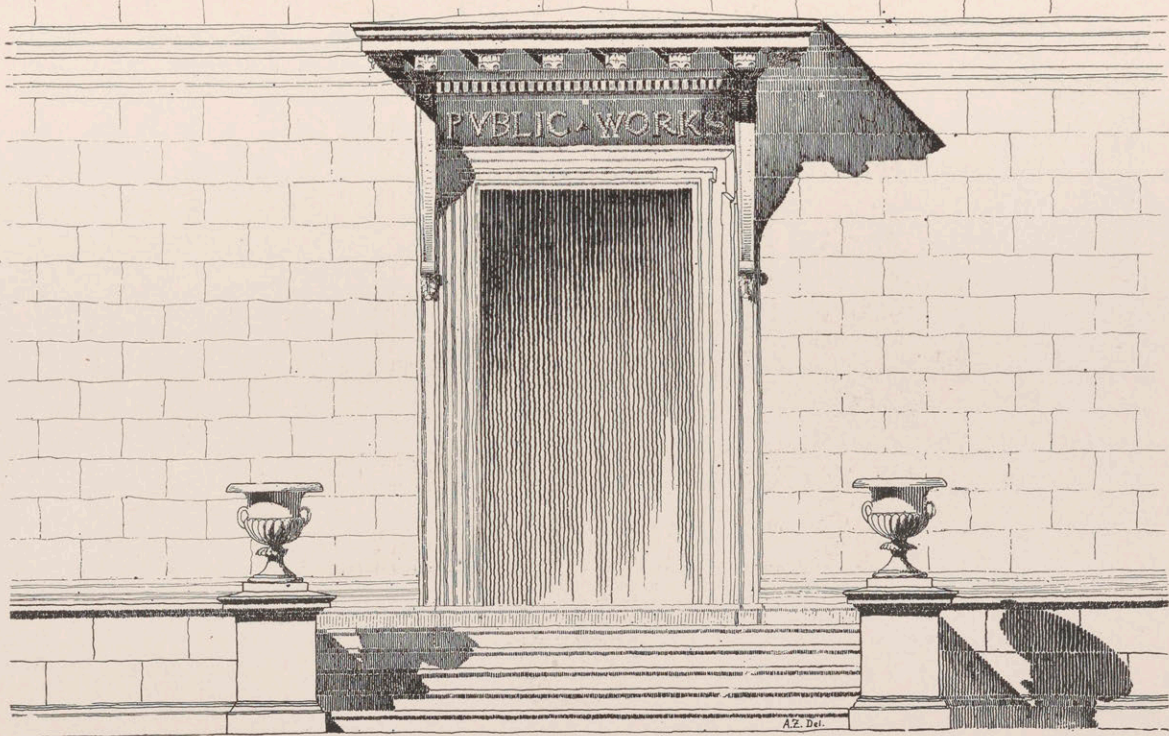


154. A Memorial Tablet. C. W. Dickey.





144. An Entrance. E. C. Klipstein.



145. An Entrance. A. G. Zimmermann.



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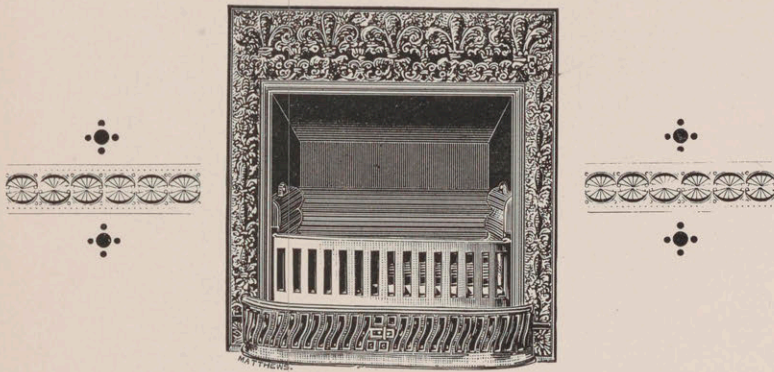
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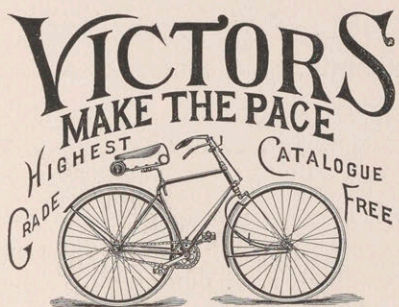
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	515	10 x 8	5.00		
Standard of Qualities for Monson, Maine, Slates.	450	11 x 8	5.40	None of these sizes in this quality.	None of these sizes in this quality.
	534	12 x 6	5.20		
Selected No. 1.—No slate to be less than full six thirty-seconds of an inch in thickness. All corners must be cut square and full and BOTH SURFACES LEVEL AND SMOOTH.	458	12 x 7	5.80	None of these sizes in this quality.	None of these sizes in this quality.
	400	12 x 8	6.10		
Standard Thick.—No slate to be less than full six thirty-seconds of an inch in thickness. ONE surface must be LEVEL, all corners cut square and full.	356	12 x 9	6.20	None of these sizes in this quality.	None of these sizes in this quality.
	320	12 x 10	6.30		
No. 2.—One surface must be level, all corners cut square and full.	374	14 x 7	6.20	None of these sizes in this quality.	None of these sizes in this quality.
	328	14 x 8	6.40		
Never allow the holes in roof slates to be punched, because punching badly damages the slate.	291	14 x 9	6.50	5.40	4.40
	262	14 x 10	6.60	5.60	4.60
Architects should always specify that the holes shall be bored and countersunk, and thereby avoid the injury to the slate from percussion.	219	14 x 12	6.50	5.50	4.50
	187	14 x 14	6.20	None.	None.
Slate tiles and roof slates in any size and thickness, with edges sawn and holes bored and countersunk, will be furnished upon descriptive specifications.	277	16 x 8	7.20	None.	None.
	247	16 x 9	7.00	6.00	5.00
To avoid misunderstanding, THE REQUIRED THICKNESS OF ROOF SLATES SHOULD BE PARTICULARLY SPECIFIED BY THE ARCHITECT. This is more highly important than to specify the size of slates to be used.	222	16 x 10	7.10	6.10	5.10
	202	16 x 11	6.90	5.90	4.90
Monson slates are exceedingly valuable to buildings because of unfading color, great flexibility, superior toughness, uniformity in thickness and general smoothness of surface.	185	16 x 12	6.80	5.80	4.80
	139	16 x 16	6.10	None.	None.
Upon request, prices will be quoted, deliverable at any railroad station in America.	214	18 x 9	7.10	None.	None.
	192	18 x 10	7.00	6.00	5.00
Samples promptly furnished upon application. All slates bored and countersunk free of charge.	175	18 x 11	6.80	5.80	4.80
	160	18 x 12	6.70	5.70	4.70
This schedule supersedes all previous quotations.	170	20 x 10	6.60	None.	None.
	154	20 x 11	6.50	5.50	4.50
	142	20 x 12	6.40	5.40	4.40
	121	20 x 14	6.30	5.30	4.30
	138	22 x 11	6.40	None.	None.
	127	22 x 12	6.30	5.30	4.30
	109	22 x 14	6.10	5.10	4.10
	115	24 x 12	6.20	None.	None.
	98	24 x 14	6.10	5.10	4.10



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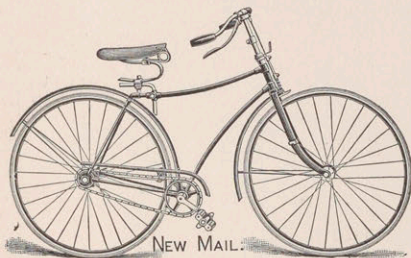
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