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THIS ISSUE CONTAINS

AN ARTICLE ON A DISTINCTIVE TYPE OF BUSINESS BUILDING—ILLUSTRATIONS OF SOME CHICAGO APARTMENT HOUSES—STUDENT WORK SOCIETY OF BEAUX-ARTS ARCHITECTS—A MORTUARY CHAPEL—A BRANCH LIBRARY BUILDING

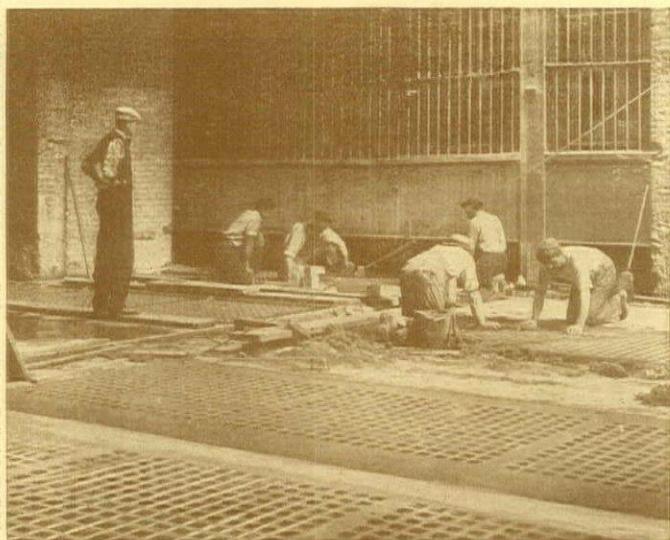
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DECEMBER 14, 1910

NUMBER 1825



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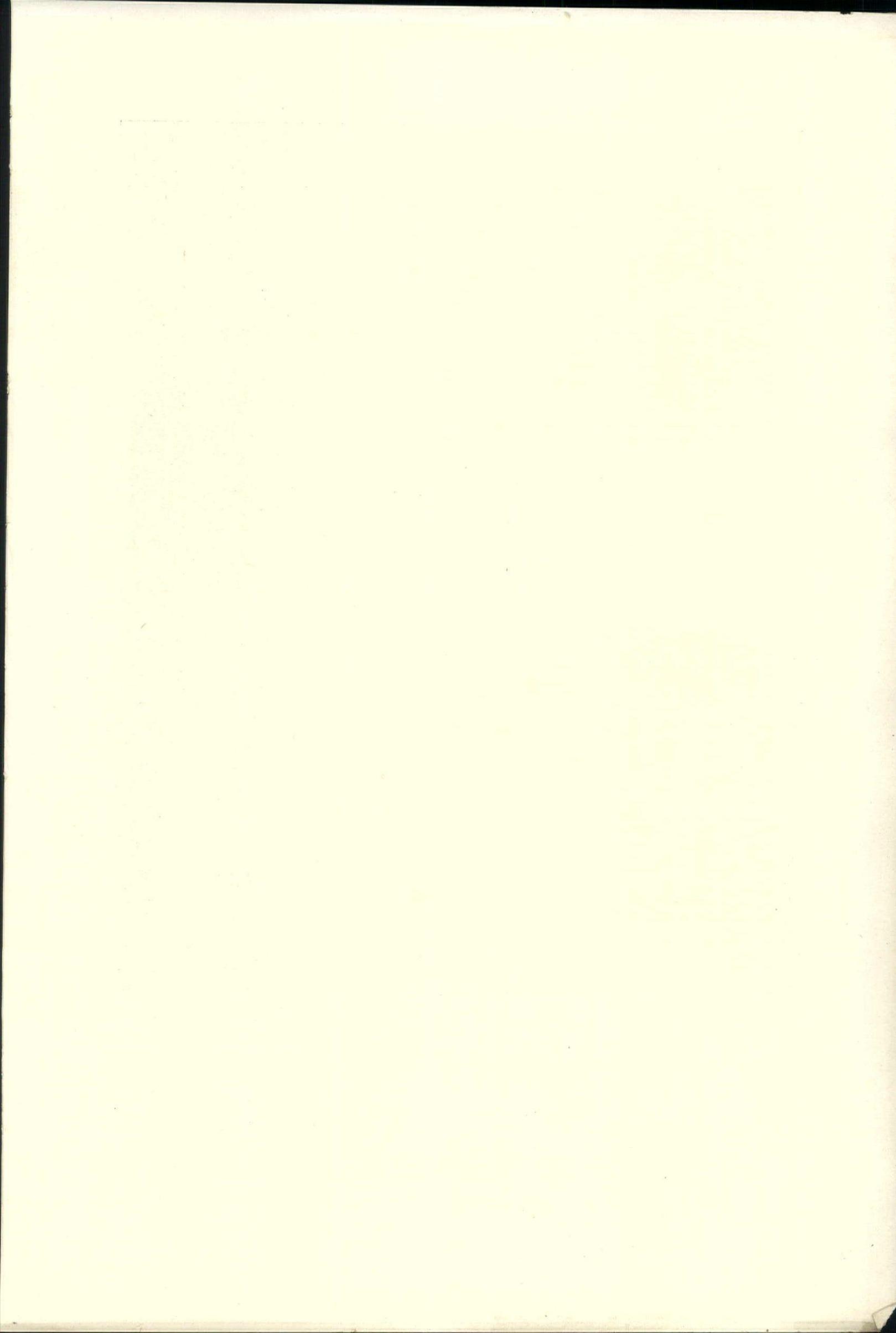
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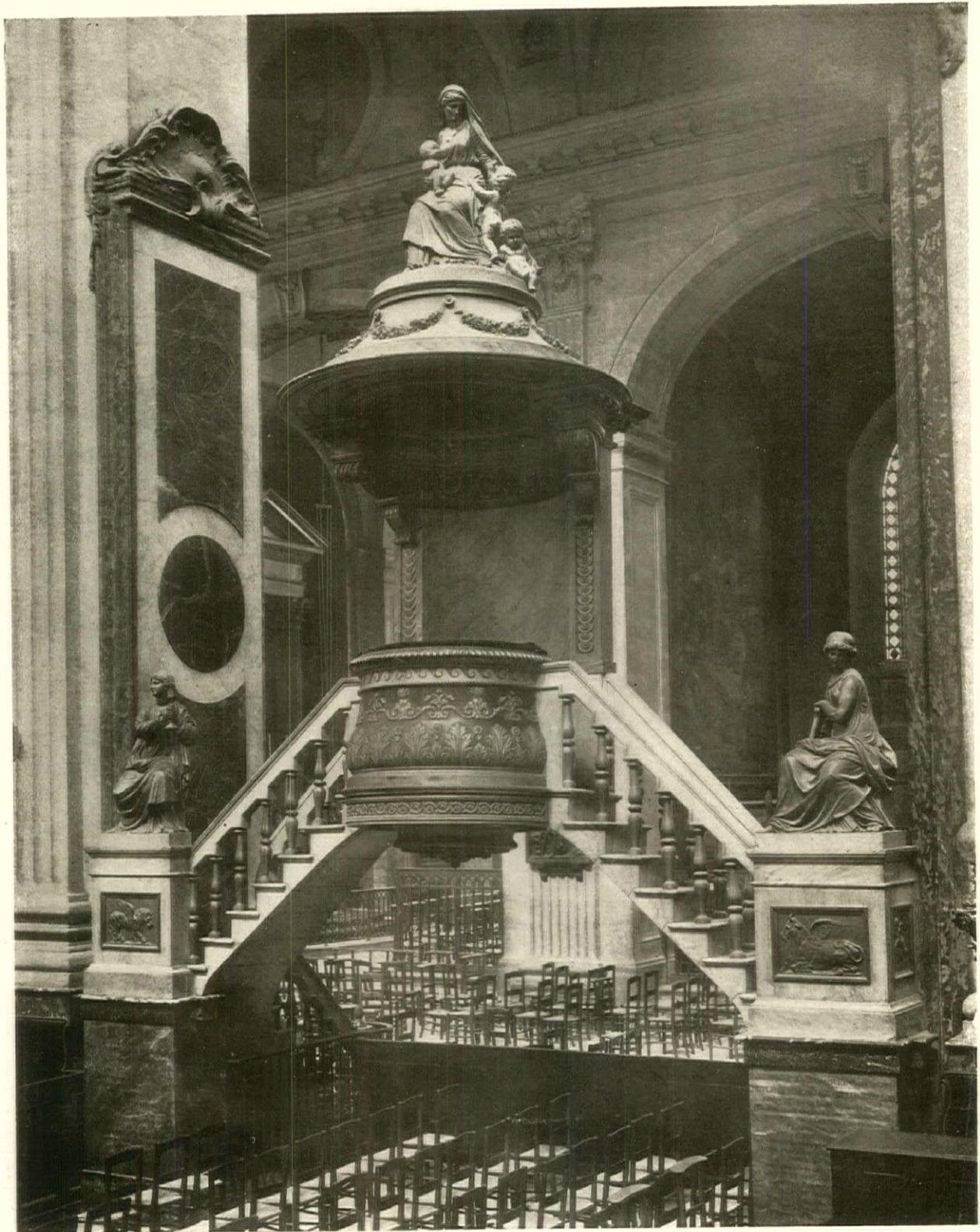
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THE AMERICAN ARCHITECT

Vol. XCVIII

WEDNESDAY, DECEMBER 14, 1910

No. 1825

A DISTINCTIVE TYPE OF BUSINESS BUILDING

By HENRY W. FROHNE

A DISTINCTIVE type of business building on a large scale (partly loft and partly office building) is being developed in New York in that section of Fourth Avenue between Union Square and Park Avenue. The development of this district is part of the northward march of the wholesale textile industry on Manhattan Island and is in fulfillment of a prophecy of some fifteen years' standing that the improvement of the terminal facilities of the great railway systems entering the heart of the city would bring about a readjustment of real estate conditions between Union Square on the south, Lexington Avenue on the east, Seventh Avenue on the west and Forty-second Street on the north. That readjustment is now well under way with the completion of the Pennsylvania Station and will be still more marked at the completion of the Grand Central Station and a definite statement as to the future plans of the New York, New Haven & Hartford Railroad Company, which has for some years been seeking an independent outlet for its growing passenger traffic to the metropolis. The Fourth Avenue development is one of the most vital points of this larger movement and, if the present high standard of its buildings is maintained, will be an addition to the business architecture of New York of which the city may feel proud. To the profession perhaps, the most significant feature of these Fourth Avenue buildings is the noticeable extent to which architectural services have been availed of, and this fact is the more significant because build-

ing operations of this character are so largely conceived in a pure spirit of speculation in real estate operations and the appropriation for architectural services is one of the first items to be reduced. Such a reduction does not seem to have operated prominently in the majority of the Fourth Avenue buildings and the general result, no doubt, appears to the investors as justifying them in incurring the expense of employing competent architectural advice. In encouraging reputable architecture the force of a good example is great and it must, in a measure, be placed to the credit of the owners of some of the older buildings in the neighborhood, as well as of the Everett Building, the first of the newcomers, on Seventeenth Street and Union Square, that the value of architectural training and experience has been

recognized in succeeding buildings along the avenue. The profession cannot but feel encouraged by the extent to which this statement applies.

In these buildings there are several details of technical interest to the architect. It is interesting to note, for instance, that the sites first built upon were corners affording frontages of from 75 feet to 125 feet and areas of from 7,500 square feet to double that surface. The floors, therefore, are intended for large enterprises and the necessity of obtaining the necessary light and air for the proper transaction of business practically dictated corner sites. There are a few cases in which inside sites have been improved, but these either include, in the first place, an L in the street or control the necessary land for future extension in

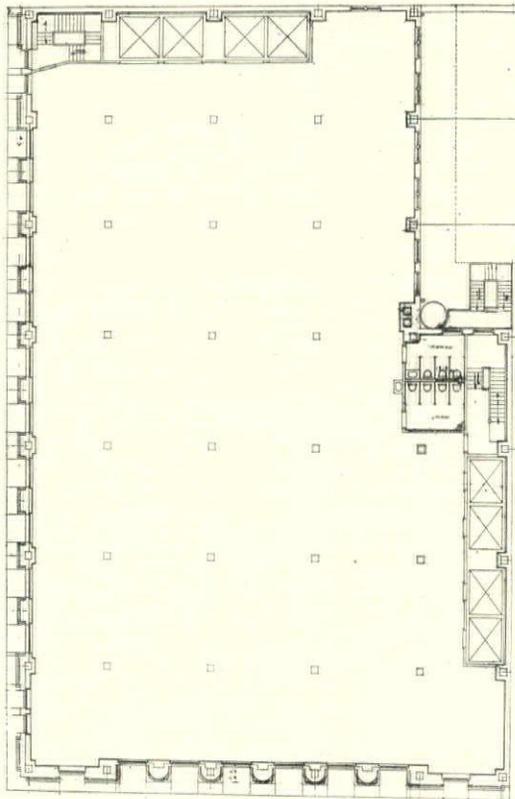


THE THREE-THIRTY-FOUR FOURTH AVENUE BUILDING, FOURTH AVENUE AND 25TH STREET, NEW YORK.
GEORGE B. POST & SONS, Architects..

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that manner. The nature of the requirements of the tenants practically necessitates a complete separation of the public and service entrances.

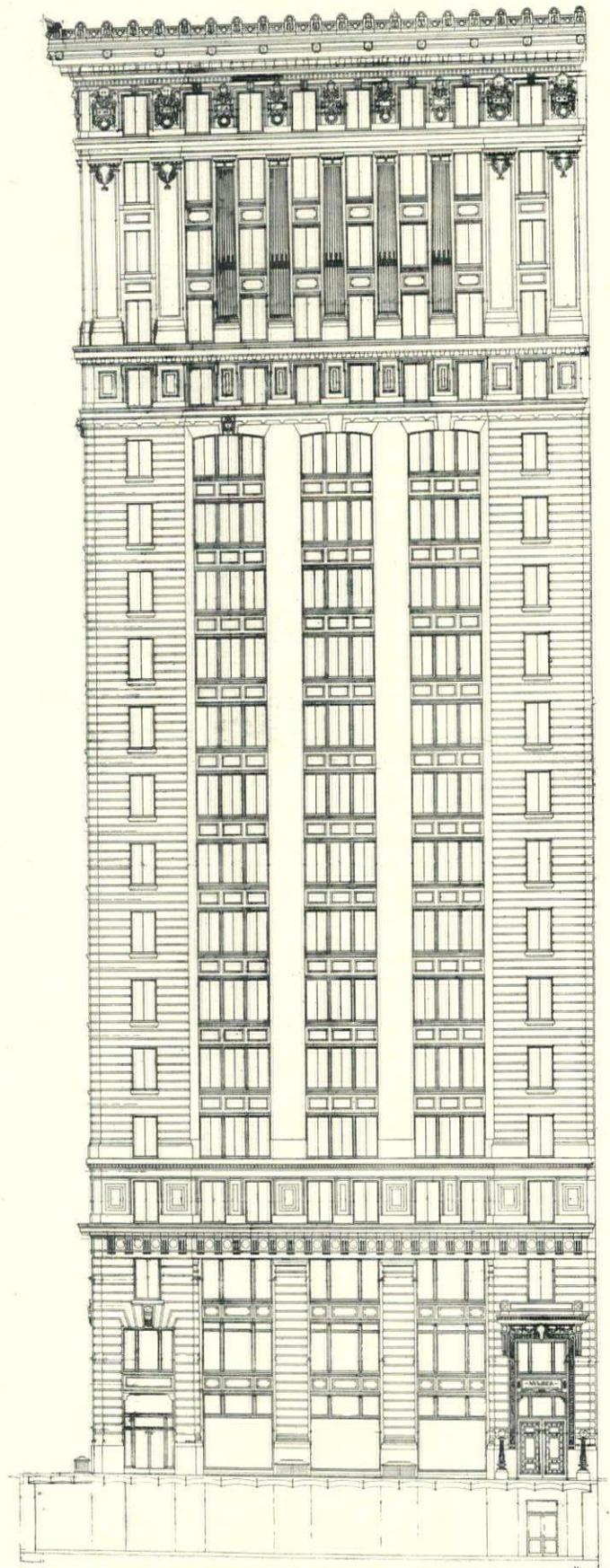
Attention should be called to the advantages for solidity of architectural effect which a corner site gives the designer of a building in which the maximum of daylight is required. In planning a business building on an inside lot so much of the frontage must be voids that it is generally a problem of no little difficulty in a tall building to produce a semblance of stability in its fronts. When permanent light from at least two sides can be counted upon several cases in Fourth Avenue prove that a total pier-width of fifty or even fifty-five per cent. of the frontage does not deprive the interior of eleven to twelve foot ceiling-height of any needed



PLAN OF UPPER FLOORS.

THE ASHLAND BUILDING, FOURTH AVENUE, NEW YORK.
WM. C. FROHNE, Architect.

daylight, provided the heads of the windows be placed snug under the ceiling. In individual cases there are, of course, special advantages for securing light, as, for example, in the block occupied by the twenty-story American Woolen Co.'s Building and its twelve-story neighbor, the remodeled Parker Building, now the Pocono, or in the case of the twenty-story Ashland Building on the northern half of the block between Twenty-third and Twenty-fourth Streets, opposite the ten-story Metropolitan Life Building; and again in the case of the Mills & Gibb Building on Twenty-second Street, opposite the accommodatingly low Bank for Savings. In these cases the opportunity has been taken by the architects to gain architectural emphasis at the crown of the design by colonnades, implying light-obstructing reveals which would be prohibitive under ordinary conditions in this type of building. In the American



FOURTH AVENUE ELEVATION.

THE ASHLAND BUILDING, FOURTH AVENUE AND 24TH STREET,
NEW YORK.

WM. C. FROHNE, Architect.



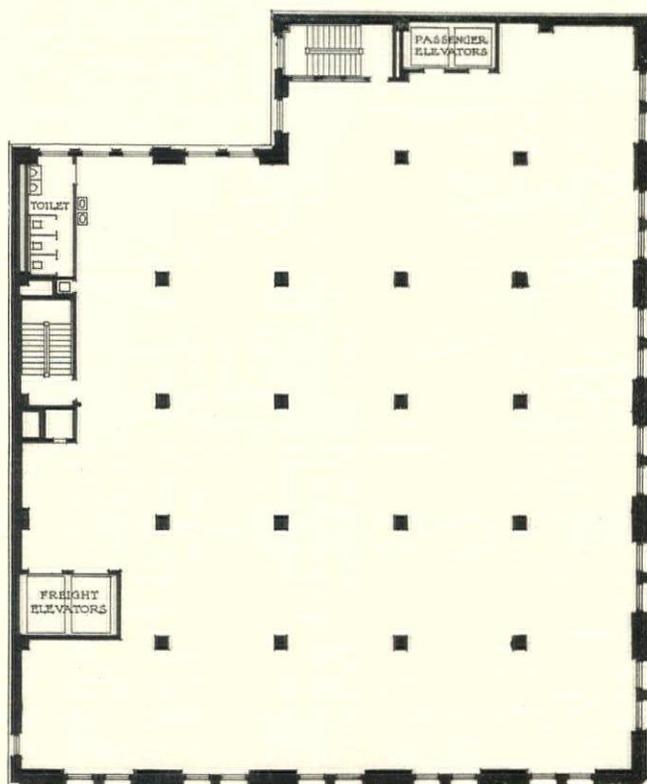
MILLS & GIBE BUILDING, FOURTH AVENUE AND 22D STREET,
NEW YORK.
STARRETT & VAN VLECK, Architects.

sprinklers. The regulation of the underwriters, regarding the size and protection against fire of windows on courts, for lowest rate of insurance are closely followed, four feet being the width of opening and wired-glass the material used in the lights. The regulation of the Building Department covering the stair facilities for this type of building requires one continuous flight to the ground floor for every 5,000 superficial feet or fraction thereof. This has been interpreted so that those of the Fourth Avenue buildings which cover more than 10,000 square feet and, therefore, must provide three public stairways are permitted to place one of these in the court as an exterior fire-stairs with easy communication to the public hall on each floor, thus achieving the intent of the law without imposing too great a loss of rentable area.

The high rental value of the ground floor has compelled the placing of that floor as near the level of the sidewalk as possible. The almost level character of the grade thus makes the communication equally convenient for both public and freight services. This placing of the ground floor at or very near the sidewalk level reduces the basement to mere storage space unless prismatic lighting or areas on the side streets be resorted to. It was, apparently, the judgment of the owners that any advantage that might be gained for the basements by making them more prominent would be more than offset by a loss of rental on the ground floors. Large tenants are the controlling element of the buildings and the smaller ones occupying space merely as offices are incidental, except in the cases of the firms mentioned above and in the Fourth Avenue Building, which appears to give the smaller office tenants more consideration than some of the other new buildings on Fourth Avenue. Efficiency of planning, light, air,

Woolen Building an attempt has been made to create a visible architectural roof which shall not entail an inordinate expense or loss of rentable area. Unfortunately, this feature is not to be seen to advantage and, as neighboring operations advance, will be still less visible at a reasonable distance. On closer view this roof with its subvening fringe of terra-cotta perforated to form windows is found to serve as a mask for the various bulkheads and tanks, besides housing, in the rear, a large restaurant, and in front a broad promenade (open to the sky in the center) for those employed in the building, notably the large force of the American Woolen Co. which will occupy the upper eight floors and which, therefore, no doubt, largely influenced the planning of the entire building very much in the same way as did the well-known dry goods firm of Mills & Gibb four blocks farther north in a structure of more modest dimensions.

Very little need be said about the interior equipment of these buildings. They are planned for large tenants who expect to arrange their offices and showrooms as best suits the requirements of their business. In this respect no architectural ingenuity has been called for except in the placing and grouping of the windows and in taking advantage of every inducement offered by the fire-underwriters for a low insurance rate. The use of wood, for example, is confined to door and window trim and to office partition work; wood floors are eliminated, the finished Portland cement floor being carried up as a baseboard in the form of a sanitary cove. All floors, whether given over as offices or as lofts for displaying merchandise, are equipped with automatic



TYPICAL FLOOR PLAN OF MILLS & GIBB BUILDING



LOWER STORIES, MILLS & GIBB BUILDING.

maximum fire protection and ample elevator service are the matters upon which the owners have laid the most stress. Little attention has been given to special interior finish or the special conveniences to be found in the great downtown office and bank buildings of the financial district.

Recent Civic Architecture in England

At a recent meeting of the Authors' Club in London, "Public Buildings Design" was the topic of discussion, and Sir Henry Tanner, Principal Architect to H.M. Office of Works, made the chief address of the evening. Mr. Wake Cook, an English painter, in the course of the subsequent discussion, made the following interesting remarks, which we take from the columns of *The Builder*:

For the authorities of any city like London, which was attracting increasing crowds of profitable visitors, to neglect any opportunity of beautifying the city was a sin against good taste, good sense, and against monetary interests. Such a blunder, on a colossal scale, had been committed by the London County Council in its County Hall now building. The design was good enough for an ordinary street, but for a conspicuous site, facing a grand river, we needed an imposing pile that should have been the pride of London. What were they giving London? A long, low-lying, straight-backed building of the proportions of a coffin, presenting 725 feet of practically unbroken roof. Across the river in hazy weather it would look no more impressive than warehouses or railway sheds. But the design was selected for its excellent planning. What did it give? Over two miles of dim passages or corridors, which would cost much for artificial lighting, as it was impossible to give them sufficient daylight except in summer. It would give about 190 inner rooms opening on well-like quadrangles, thus getting the minimum of light and air, and they would be dismally depressing to health and spirits. Those 190 rooms might have been the lightest, brightest, the most cheerful, and the healthiest in London, and at a great saving of cost, simply by being brought up to date, and doing to-day what we shall be doing ten or twenty years hence. The County Council was wisely averse from useless towers and excrescences, but why not useful and beautiful towers? With modern stone and steel

construction the whole of those inner rooms might have been put into a grander Victoria Tower, that would have done for London what the Campanile did for Venice. We did not want sky-scrapers here, with gloomy cracks between them for streets. The early sky-scrapers were as picturesque as a pile of packing-cases, but as they rose heavenwards and became towers their architectural possibilities were seen, and those Babel Towers were the grandest things in the world. We did not want towers so high as the Singer's top note, and we did not want them in narrow streets; but when set back in the centre of blocks, or when facing parks or the river, and with space around, there was no sane reason why our builders should not soar heavenwards.

Finishing Concrete Surfaces

The elementary stage in the development of reinforced and other forms of concrete has been passed, and the merits of concrete as a structural material well adapted to many of the architect's needs are fully established. What is not so well established is a satisfactory method of dealing with the external surfaces where these are to be left exposed as part of the general design. *Cement Age* for October publishes the first part of a report from a special committee of the National Association of Cement Users which will give the architect full information on this important matter. The following synopsis of the report indicates its value: (1) Effect of material and workmanship on surface; (2) removal of surface in various ways; (3) coating surfaces; (4) possibilities and limitations of surface; (5) waterproofing; (6) limitations and defects with their remedies; (7) specifications for obtaining the several results; (8) exact and relative costs of each method, and methods of estimating same.



UPPER STORIES, FOURTH AVENUE ELEVATION, AMERICAN WOOLEN COMPANY'S BUILDING.

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ILLUSTRATIONS:

Chicago Apartment Houses—Mortuary Chapel at Minneapolis—
Carnegie Branch Library, Pittsburgh—Doors for Ark, Temple
Emmanuel, New York—Student Work, Society of Beaux-Arts
Architects.

Frontispiece: Pulpit St. Sulpice, Paris.

A CITY ARCHITECT

FROM press reports it appears that the Board of Estimate of the City of New York is making another effort to gain the approval and commendation of the taxpayers. This time the item of architects' fees has attracted the attention of the city's financial guardians, and it is stated that the ancient plan of creating the office of city architect with a view to lessening this item of municipal expense is under consideration. In fact, it appears that a resolution has been passed empowering the Mayor to appoint a committee of three to make investigation and report its findings.

It is not surprising that an item of \$810,000 expended for architectural services during a single year should attract attention, but before attempting to devise means of reducing the amount at least a casual inspection of the other side of the ledger would seem to be pertinent. Has not value been received for every dollar paid to architects during the past year? The fact that the sum total bulks large is entirely beside the point unless the service rendered was not worth the price. Concerning that feature of the matter, the evidence is strong that not only usual but remarkable value has been secured. Consider but one instance. If the new Municipal Building now under construction fulfills the promise of the published design the city will have an asset above price. The architect's fee sinks into insignificance when we compare such a structure with the unspeakable piles that have from time immemorial resulted when the problem has been handled by the average political appointee working for a salary. The fact is tolerably well established that men of unusual ability as designers will not accept a salaried position, especially if it falls into the category of political appointments. No salary that would appear reasonable to a city official would tempt them, even if the ordinary routine of public service were not considered a bar. The plan pursued by New York during the past few years, closely following that of the

Federal Government under the Tarsney Act, makes it possible to avail of the highest talent at a price generally accepted as fair and equitable in private life and by private investors. Why the city should object to these terms is not apparent. There is a well-founded impression that New York, in common with most cities, would be indeed fortunate if it could secure services of the same efficiency in all departments at no greater cost than would be charged to an individual.

The plan of a city architect is commendable, but not as a measure of economy. Properly administered the office would add something to present expenditures; but present conditions as regards organization and operation would be improved. As we conceive the matter, a city architect would occupy to a great extent an executive position. He would represent the city in the preparation of programmes of competition, act as adviser to the city in the consideration of matters affecting municipal buildings and in general protect the city's architectural interests. He would not undertake to design or superintend, except in the most general way, the erection of any but minor structures. The office might very well be created analogous to that of Supervising Architect of the Treasury and the general plan and provisions of the Tarsney Act be adapted for municipal use. Pending the Committee's report, we cherish the hope that New York will not take a step backward and become a warning rather than an example for other cities of this country. We maintain that the money paid out as architects' fees during the past year will yield a greater return to the city and be of more lasting benefit than will any like sum dispensed from the city treasury. May a larger sum be as well spent during each year to come.

NEW YORK'S ART COMMISSION

THE report of the Art Commission of New York records the activities of a branch of the city government that should receive the approval of all citizens and might well serve as a model for other communities. Every object connected with or contributing to municipal growth that would profit by the supervision of an artistic body receives its share of attention. The results achieved are noticeable to every thoughtful person. Appreciation of art is becoming more general each year and we can now look forward with some confidence to the time when the recognition of good art as municipal assets of great worth will be universal.

CHICAGO LIMITS HEIGHT OF BUILDINGS

CHICAGO'S new building code, the result, it is stated, of more than three years of preparation, has on its presentation before the City Council provoked criticism that is as radical as it is divergent. The storm of objection appears to have centered about the provision to limit the height of buildings to two hundred feet. The chief contention advanced in the council in favor of the revision was that the proposed limitation of height would cause the city's growth to spread and prevent the congestion in the business centers that is now threatened. The subject deserves the closest study. It must be borne in mind that the topographical and geographical features of a city are important factors in the determination of a question of this nature.

REVIEW OF CURRENT ARCHITECTURAL PRESS

The Brickbuilder for November continues Mr. Hugh Tallant's series of very informing articles on Acoustics. Writing with particular reference to the indistinctness due to sound interference, we read: "—Sound interference results mainly from conditions at the back of the auditorium, and may be remedied by preventing the rear wall from deflecting sound."

The writer believes the obvious remedy is to cover the rear walls with sound-absorbing material and suggests any good textile fabric. The best results he believes are to be obtained from hair felt, set out a couple of inches from the wall. The absorbing capacity is lessened if the felt is placed closer to the surface.

Mr. Henry A. Frost contributes an interesting article, entitled "Inexpensive English Houses Which Offer Suggestions." He states: "Of all the problems given an architect to solve few are capable of such a wide range of expression or possess greater possibilities of



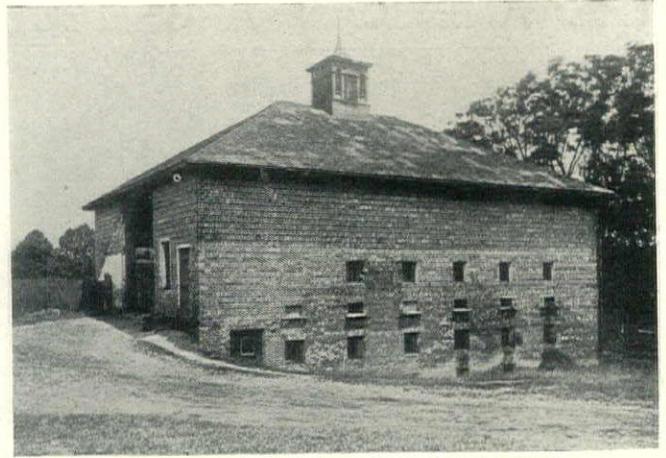
Gardener's Cottage at Pocontico Hills, N. Y., Albro & Lindenberg, Architects.

(From *The Architectural Record*.)

treatment than the small house. While affording him much trouble and little profit, it is at the same time a problem which exerts upon the community and upon the country at large an important influence." While the author's conclusions are sound we fail to find in the examples illustrated any very valuable suggestions along lines which are very generally understood and practiced by designers of successful low cost one- and two-family houses in this country.

As a subject that is first in the field of the *Brickbuilder*, the series dealing with "Burnt Clay's Share in the Rebuilding of San Francisco," is an authoritative description of the rehabilitation of that stricken city. The present article, the first of the series, treats of commercial buildings. It is illustrated with many photographs of the best types erected since the fire. A detailed list of subjects illustrated may be found printed elsewhere in this issue.

The importance of the design and plan of the small country house appears to have crystallized in the November architectural press. *The Western Architect* prints as its leading article a paper by Mr. G. H. Chittle, an associate of the Royal Institute, entitled Small Coun-



A Very Old Brick Barn at Nyatt, R. I.

(From *The Brickbuilder*.)

try Houses in England. This is illustrated by photographs of the work of Mr. C. R. Ashbee, F.R.I.B.A.

The writer pays a very graceful tribute to the good work which he finds upon a visit to this country is being accomplished. He states that English architects find difficulty in realizing that any but an Englishman could build a house that should be truly homelike or make a garden that should be a fit setting for such a house.

It is a pleasure to read the views of so open-minded and unbiased a critic, and we are therefore quite willing to listen with patience and a large measure of belief when he states: "Yet, in spite of the very great beauty of much of the work that has been done by American architects of the present day, there is one point where, if I may be allowed to say so, I think their work falls short of the best standards. It is in the execution of the work I think the fault lies." This Mr. Chittle believes is the result of a lack of co-operation between the architect and the craftsman.

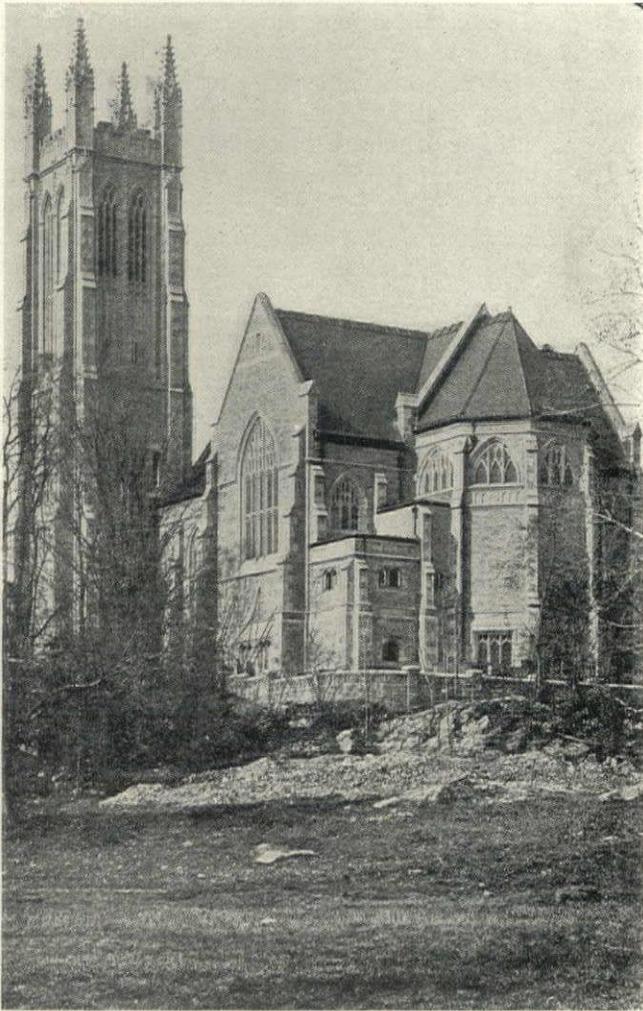
Announcement is made in this issue of the premiated design in the recent apartment house competition held by the Chicago Architectural Club. The first and second prize typical plans are reproduced.

The proposed Y. M. C. A. Building, Mr. C. H. Johnston, architect, and the new Hotel St. Paul, by Reed &



Refectory, Lincoln Park, Chicago, Ill., Perkins & Hamilton, Architects.

(From *The Brickbuilder*.)



Memorial Chapel, Williams College, Allen & Collins, Architects.
(From *The Architectural Record*.)

Stem, both at St. Paul, Minn., are the principal subjects illustrated.

Under the title of "A Thatched Palace" the *Architectural Record* of November, received too late to include in our last month's review, describes and illustrates a country house and outbuildings, built at Pocontico Hills, N. Y., by Messrs. Albro & Lindeberg, architects.

The writer of the article regards it as a "misfortune of our traditionlessness that we have no 'type' of domestic architecture, no autochthonous type but the wigwam, no type of the primitive settlements but the log cabin." He regards the style of house evolved by this firm of architects, many examples of which have been illustrated in *THE AMERICAN ARCHITECT* during the past two years, as the evolution of a type in which he sees many possibilities for development.

We note with some surprise in this issue the publication of an article by Ellis Parker Butler, entitled "Serio-piffle Architecture." The architect who reads this article and who is familiar with Mr. Butler's writings and his position as a humorist in the field of literature will recognize it as merely a caricature of certain personalities present in every walk of life. The layman, however (if it should chance to meet his eye), not so well versed, may be misled into believing it to be a truthful description, and for this reason we regard the publication of this article as unfortunate.

Other articles in this issue are the "Apotheosis of the Midway Plaisance," being a description of Lorado Taft's proposed symposium of adornment with sculpture of the midway in Chicago; part two of Mr. Chappell's series on Paris School Days, and a continuation of Mr. Middleton's series on "The Evolution of Architectural Ornament."

The December issue of *The Architectural Record* has for its leading article a paper treating on the development of American commercial architecture with special reference to the improvement now going forward on Fourth Avenue, New York. Mr. Francis S. Swales describes the Brussels Exposition, and Mr. Montgomery Schuyler continues his series on American Colleges, describing Dartmouth, Williams and Amherst.

The New York Architect for November presents in its leading article a description of the Institute of Musical Arts, designed by its editor, Mr. Donn Barber. This building as to its exterior has already been illustrated in *THE AMERICAN ARCHITECT*.

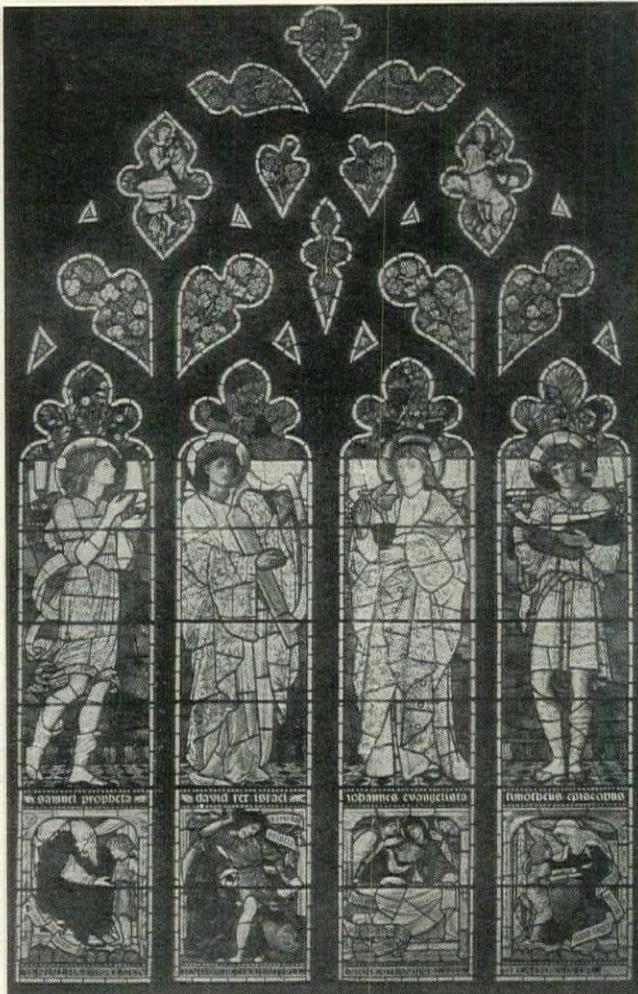
A very interesting feature of this issue is a communication from Mr. L. C. Holden on "The Competition Code and the Public." Architects will regard with much respect a communication from Mr. Holden, especially on a subject he is so eminently qualified to discuss. Mr. Holden regards the working of the code established by the Institute and its general acceptance by the architects as very gratifying, especially to those who have had the opportunity to observe the relations existing between the architect and the public for the past three or four decades.

We read: "The code is received to-day in the spirit we offer it, for the reason we give more efficient service in all the details of our practice. . . . We stand to-day on a higher plane, morally, artistically and scien-



View of Auditorium, Institute of Musical Arts, New York,
Donn Barber, Architect.

(From *The New York Architect*.)



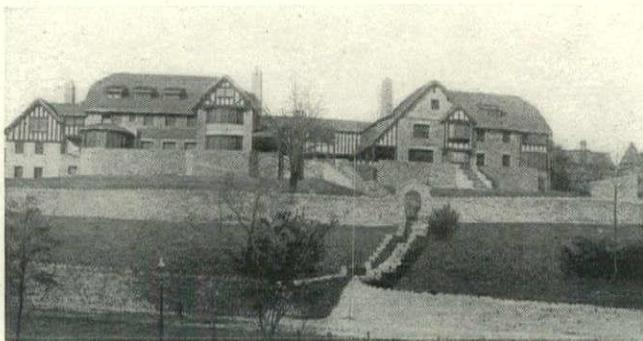
Memorial Window, Christ Church, Oxford, Designed by Sir Edward Burne-Jones.

(From *The International Studio*.)

tifically than ever before during the life of the nation."

Mr. Holden's communication closes with the following well-merited tribute to the representative men in the architectural profession, who by reason of their unquestioned ability and strong character have won the highest place in the esteem of their brother artists. We quote:

"We have had during these past years many men in the profession who have, by their ability and sterling character, won the reverence of their fellows in the craft—it is to the charm and strength of their personal character and great achievements in architecture that we must attribute the open way that has been made for



Two Houses at St. Paul, Minn., Reed & Stern, Architects.

(From *The Western Architect*.)

us to public esteem and recognition. In their lives and in the honor in which their memories are held there is an inspiration that will make for greater things in the future by emulation and will bring the practice of architecture to a higher level than can any written code."

The series of articles describing "The Achievements of the American Artisan" are continued in this issue.

The illustrations show exterior and interior views of Mr. Barber's Institute of Musical Arts, Claremont Avenue and 122d Street, New York.

The introduction of painted glass, not alone in church windows but in the higher and more expensive types of the modern residence, will cause the architect to read with much satisfaction an article in *The International Studio* for December, on "Sir Edward Burne-Jones's Designs for Painted Glass."

There will also be found in this issue a further installment of the series on "Recent Designs in Domestic Architecture," some impressions of the late Sir Seymour Haden's work as an etcher, and "Japanese Art and Artists of To-day," with particular reference to wood and ivory carving.

The usual "Studio Talk" and review of recent exhibitions serve to complete a most commendable issue.

A Recent Legal Decision

ARCHITECT'S POWERS TO ORALLY AGREE TO PAY FOR EXTRA WORK—NOTICE OF LIMITS OF AUTHORITY

A building contract, which was a uniform contract, provided that no alterations should be made except upon written order of the architect. The contractor made a subcontract in somewhat similar terms for the plaster work. During the progress of the work a question arose whether the subcontractor's contract required him to plaster certain beams, which the architect required to be plastered as within the contract. The general contractor refused to allow the subcontractor anything extra for the work, because it was an extra, not in their original contract. The subcontractor alleged an oral agreement by the owner's architect to pay for the work as an extra. The question of law was whether the architect had power to bind the owner by such alleged agreement. It was held that he had not. His powers were not those of a general agent, but were limited by the contract. Under the terms of the contract the subcontractor could not recover for the extra work without evidence of a written order therefor or proof of a waiver of that requirement. A stipulation in the contract that, on the contractor being delayed by the default of the owner or the architect or of any other contractor employed by the owner, the time fixed for the completion of the work should be extended for a time equivalent to the period lost by such default has no reference to extra work, and does not confer on the architect implied authority to bind the owner by his direction to the subcontractor to do work claimed by the latter not to be within the contract. The subcontractor had both actual and constructive notice of the limits of the architect's authority. His own contract informed him who the architects were, and the evidence showed that the general contractor told him that he could not allow him for the work because under his contract with the owner he could get no allowance without the written order of the architect. *McNulty v. Keyser Office Bldg. Co.*, Maryland Court of Appeals, 76 Atl. 1113.





Exterior view of apartment building facing Hyde Park Boulevard, Chicago, Ill., showing the elevations at the intersection of the boulevard and Cornell Avenue. The terrace walls extend all around the building at the lot line. The photograph shows this wall set back from the sidewalk on the boulevard, as required by the South Park Commissioners.

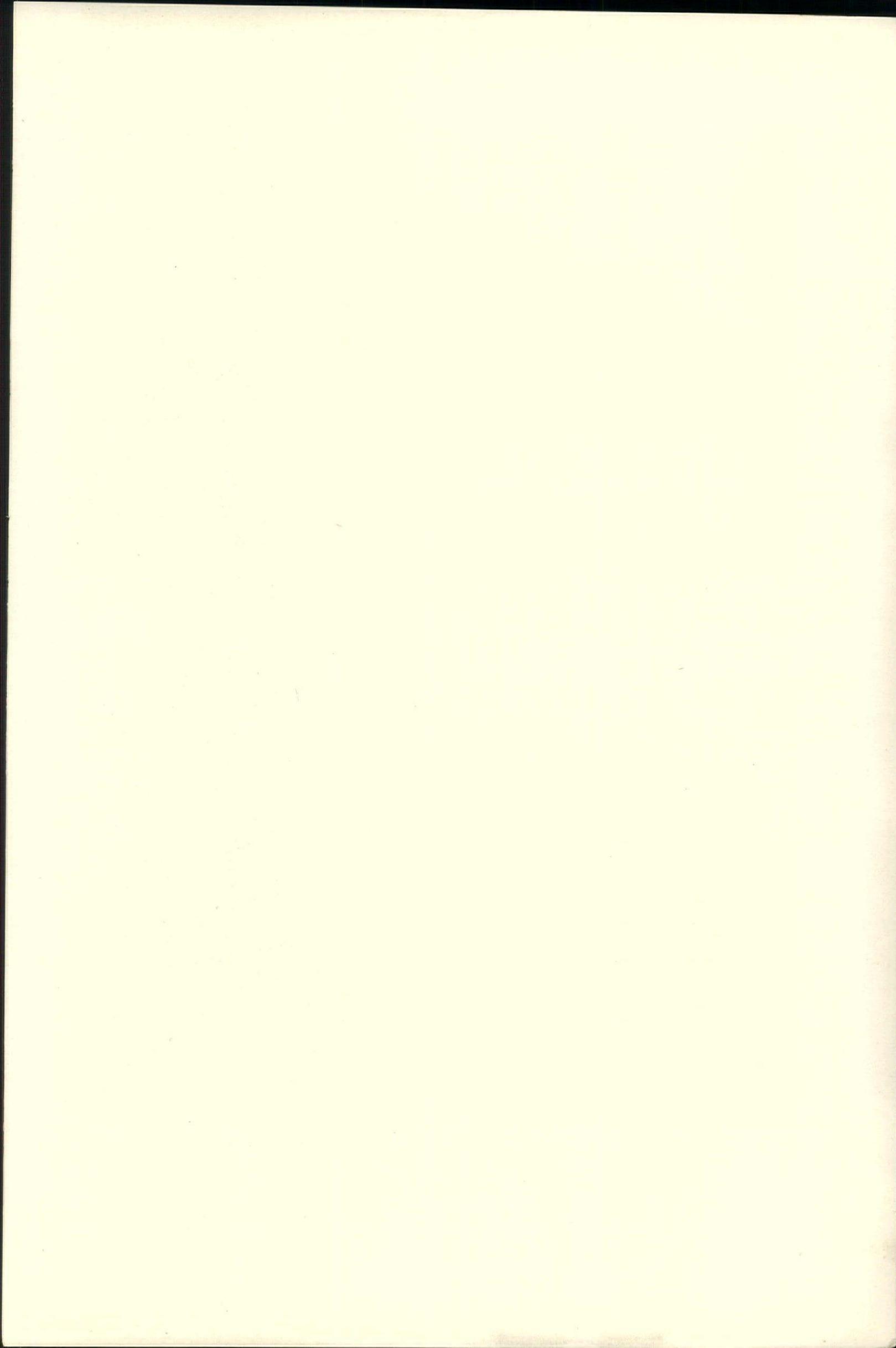
H. R. WILSON & COMPANY, *Architects*

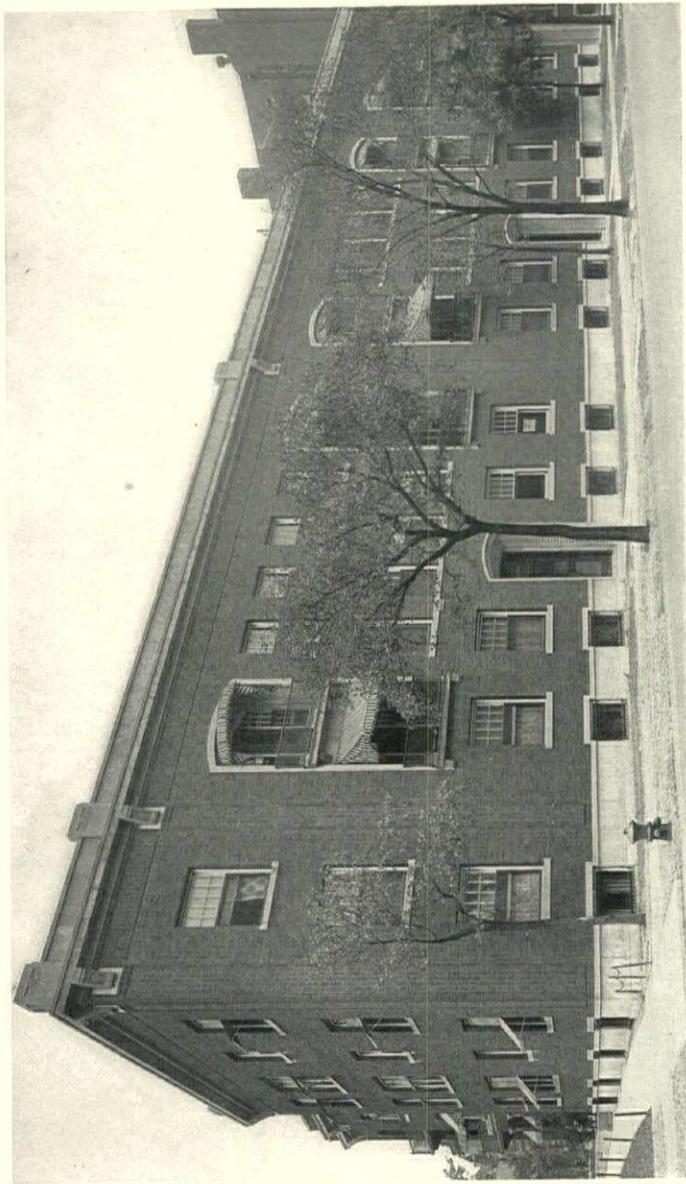


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Exterior view of the building facing Hyde Park Boulevard, Chicago, Ill., showing intersection of the boulevard and East End Avenue. The apartments facing East End Avenue are within a block of the lake, the intervening space being occupied by a small park. The grounds of the Chicago Beach Hotel face the Boulevard elevation.

H. R. WILSON & COMPANY, *Architects*

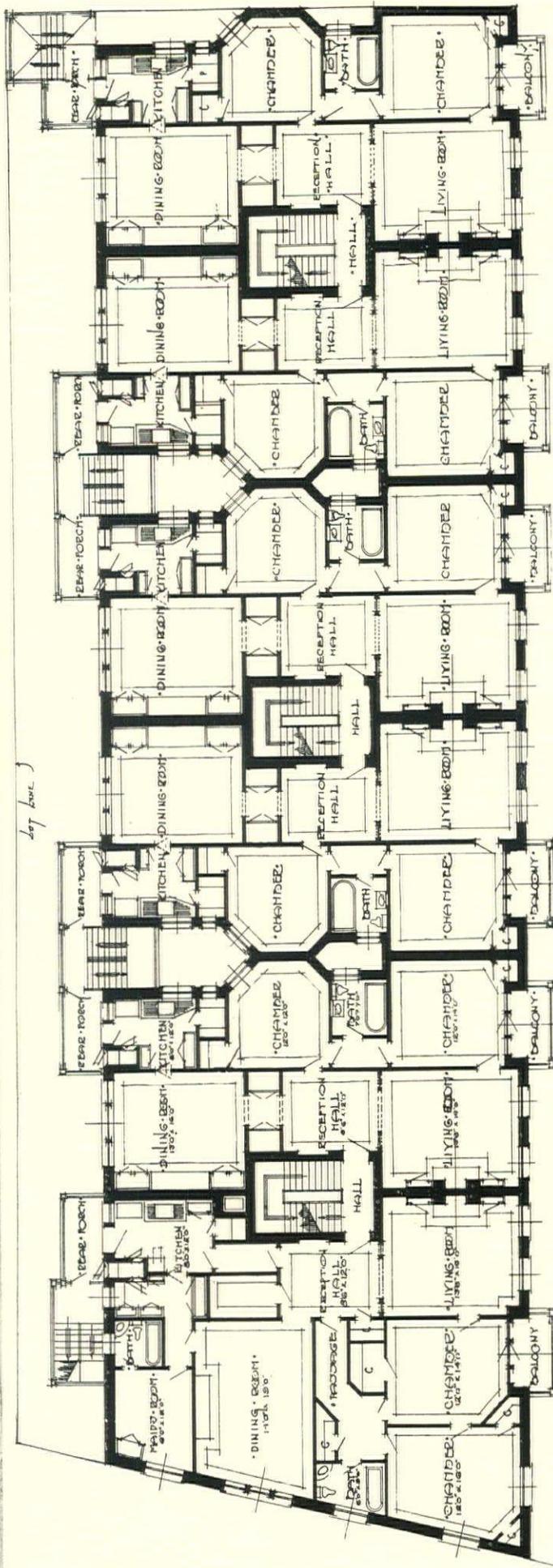




Oakwood Boulevard elevation of the building at the N. E. corner of Oakwood Boulevard and Vincennes Avenue.

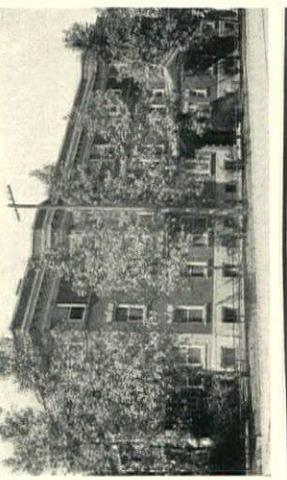
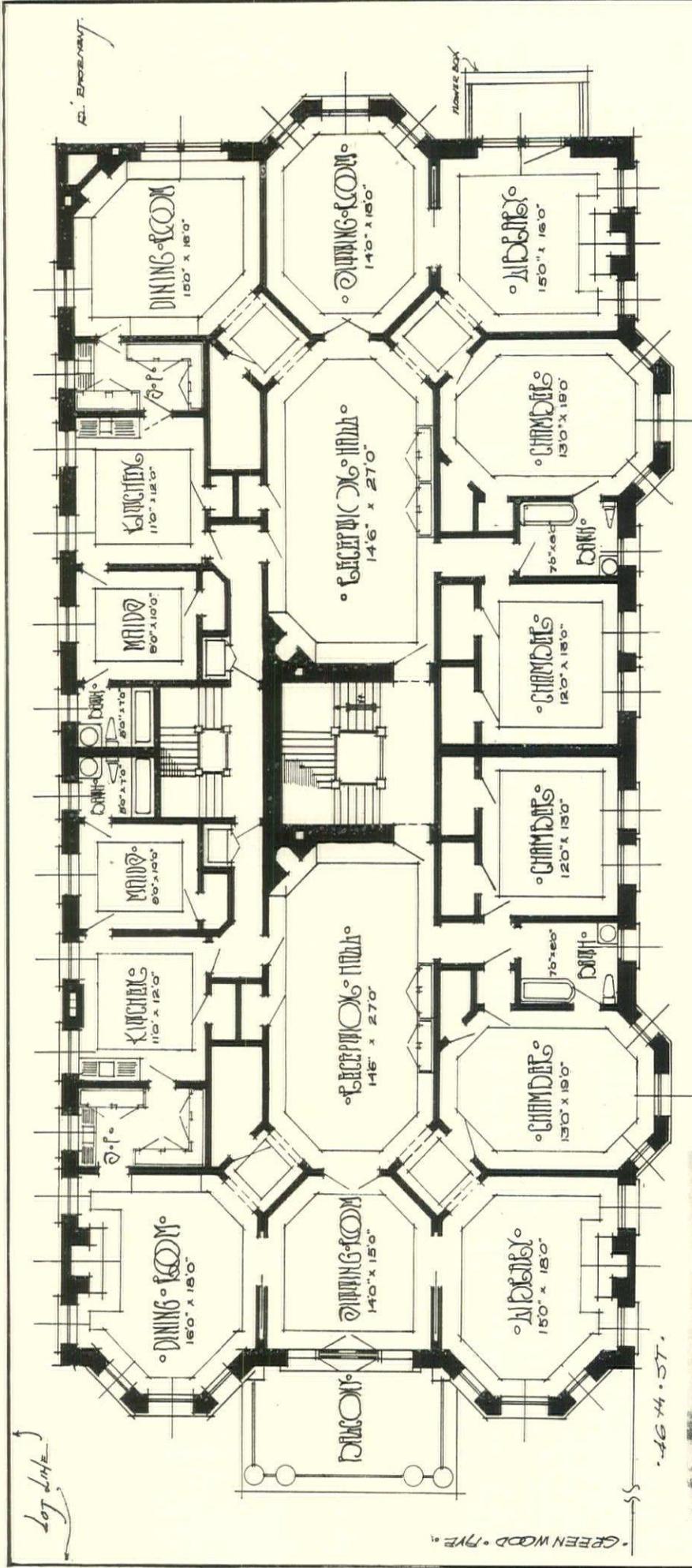
The rules of the South Park Commissioners prohibited any projection beyond the building lines, hence the recessed entrance and shallow balconies. The building in the rear was designed by another architect, but the same heights were maintained and similar detail was used for the cornice, etc. Both buildings are faced with variegated Oriental brick.

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Typical floor plan of apartment building at the N. E. corner of Oakwood Boulevard and Vincennes Avenue, Chicago, Ill. This building is located within three miles of the loop, in the heart of a boarding-house and family hotel district. As the apartments are planned for the use of small families who would be apt to patronize the neighboring cafés, buffet kitchens only are provided. The porches in the rear are of iron with iron fire escape stairways leading to a cement area, the floor of which is on a line with the basement. The smaller apartments rent for \$50.00 a month, while the larger apartments on the corner rent for \$75.00.



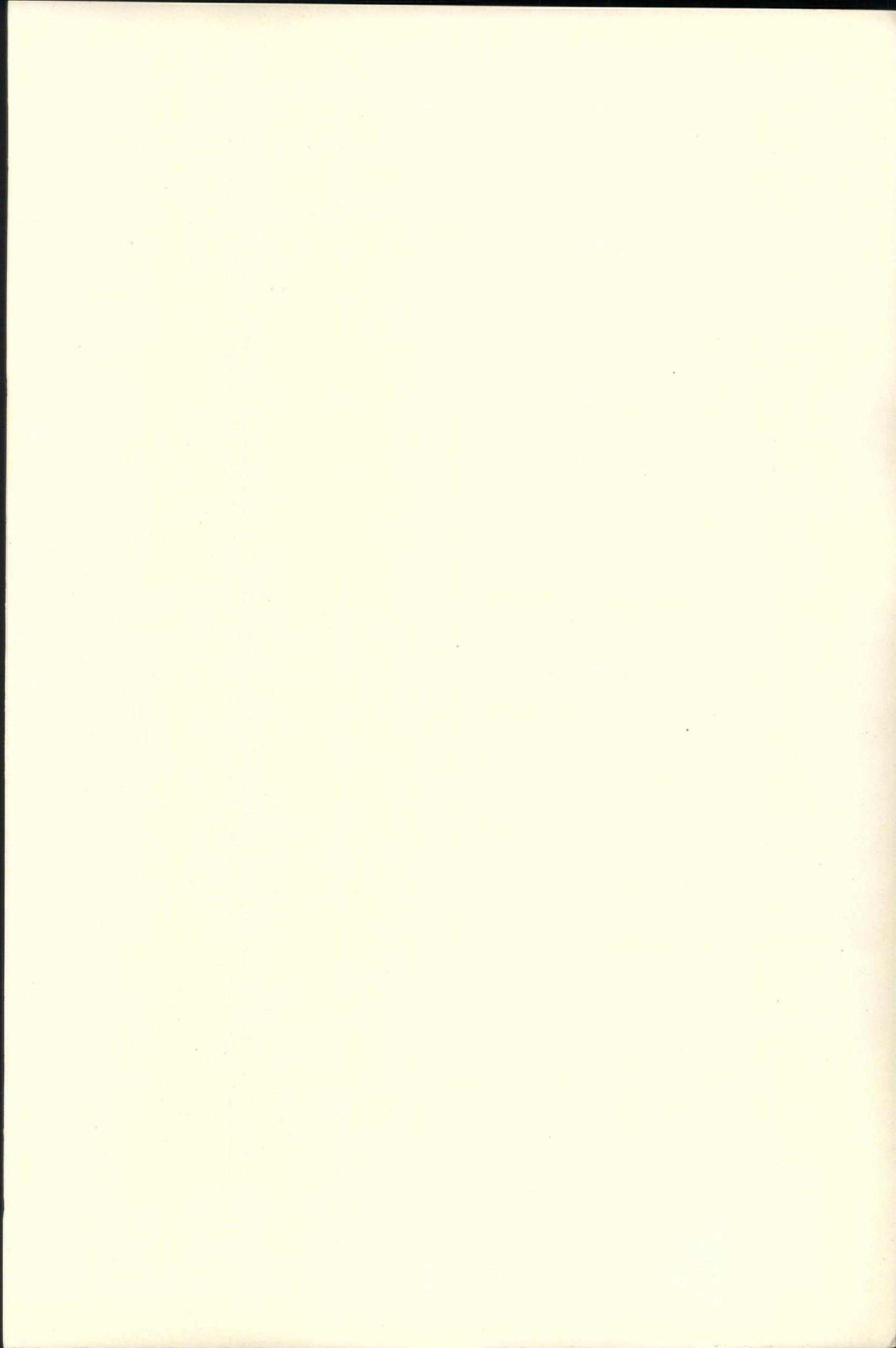


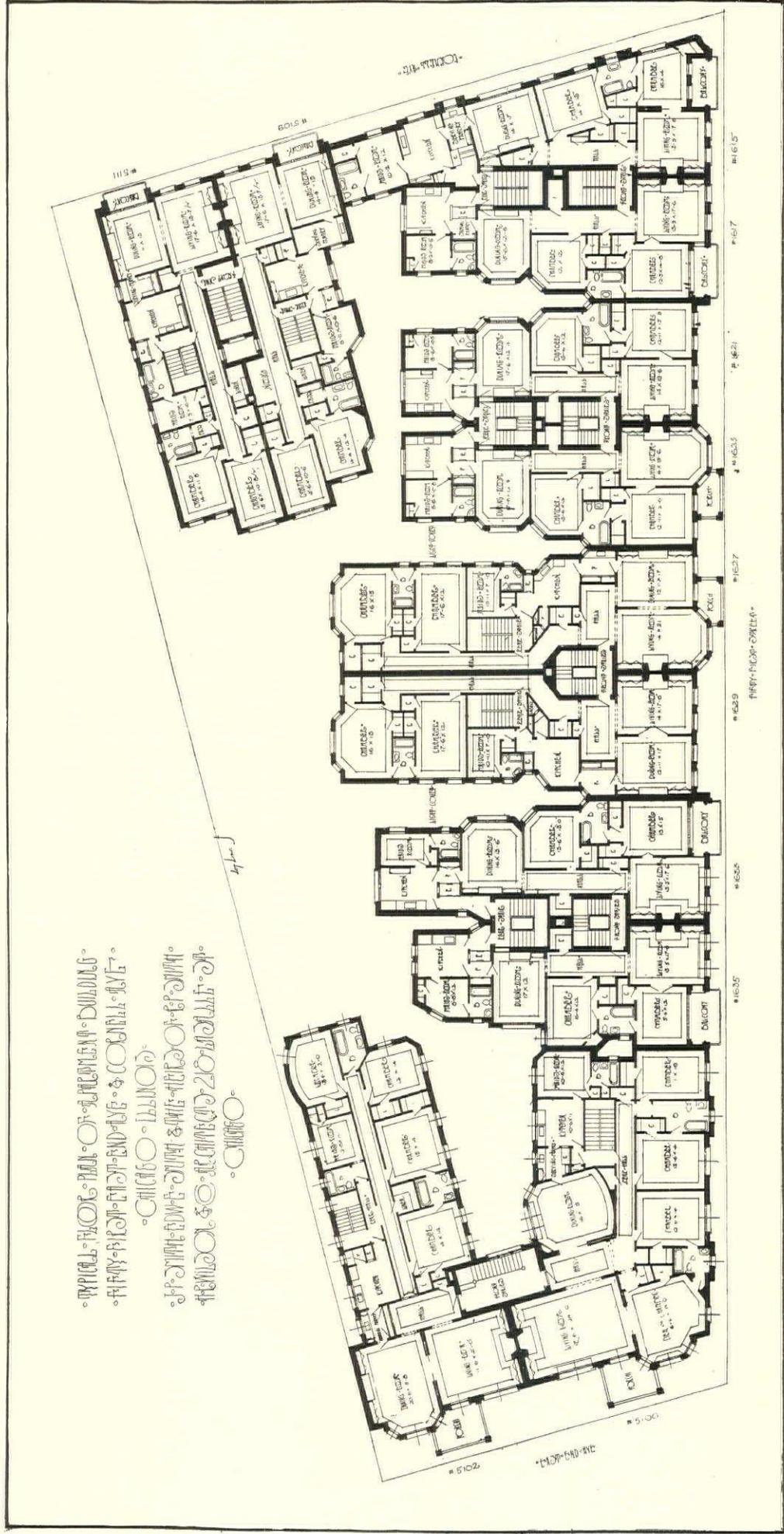
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Floor plans of apartment building at the northeast corner of Greenwood Avenue and 46th Street, Chicago, Ill. The various rooms in this apartment are arranged around a central reception hall which is lighted through the door openings and also by means of borrowed lights. The rear stairs are enclosed within the walls of the building and lead to a four-foot passage extending along the lot line at the side of the building. The apartments facing Greenwood Avenue rent for \$125.00 a month, while those facing the east rent for \$90.00.

Forty-sixth Street elevation of the building at the northeast corner of Greenwood Avenue and 46th Street. While the lot on which this building is built faces Greenwood Avenue, the entrance of the building is on 46th Street, giving the full width of the lot for each apartment. The apartments facing the east front on a twelve-foot easement.

H. R. WILSON & COMPANY, Architects





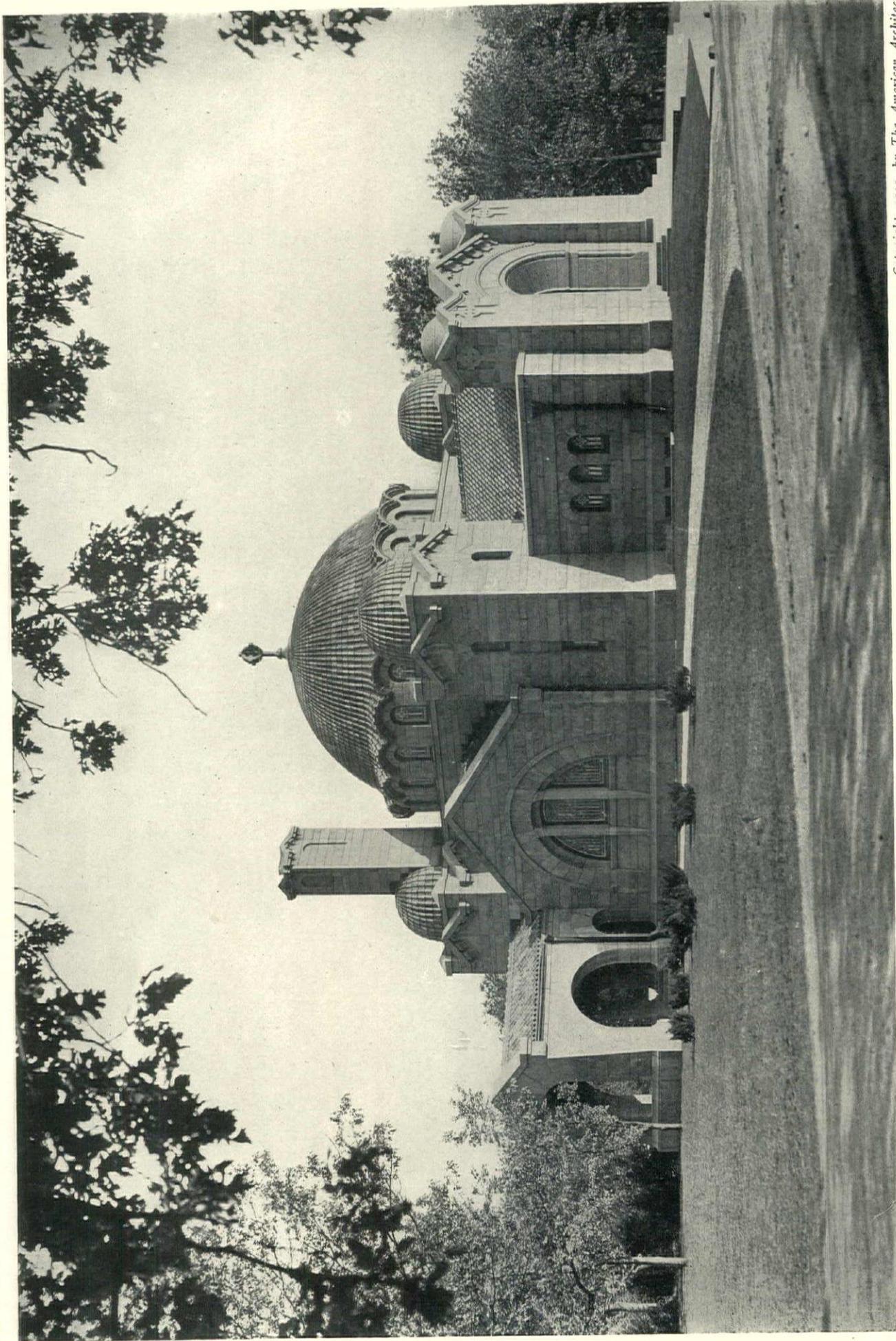
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Typical floor plan of apartment building facing Hyde Park Boulevard, Chicago, Ill.

This building contains thirty-six apartments ranging in price from \$90.00 for the smaller inside apartments to \$225.00 for the corner apartments at the intersection of East End Avenue and the Boulevard. The large apartments are divided into three distinct units, the living rooms forming one, the service rooms another and the sleeping rooms the third. Each unit has been planned to give the comfort usually found in the corresponding portions of a private house. In the arrangement of the first unit an effort has been made to locate the living and dining rooms so that they can be thrown together or open from a reception hall as in the apartment at No. 5100 East End Avenue. The building has an English basement with reception halls finished in white enamel and containing fire places. Each apartment has its individual laundry on this floor and the larger apartments have butler's and chauffeur's rooms as well. The heating plant is located in a detached boiler house from which concrete conduits or tunnels extend to each double building. These conduits contain, in addition to the steam supplies and returns, electric wires and vacuum cleaning pipes.

H. R. WILSON & COMPANY, Architects



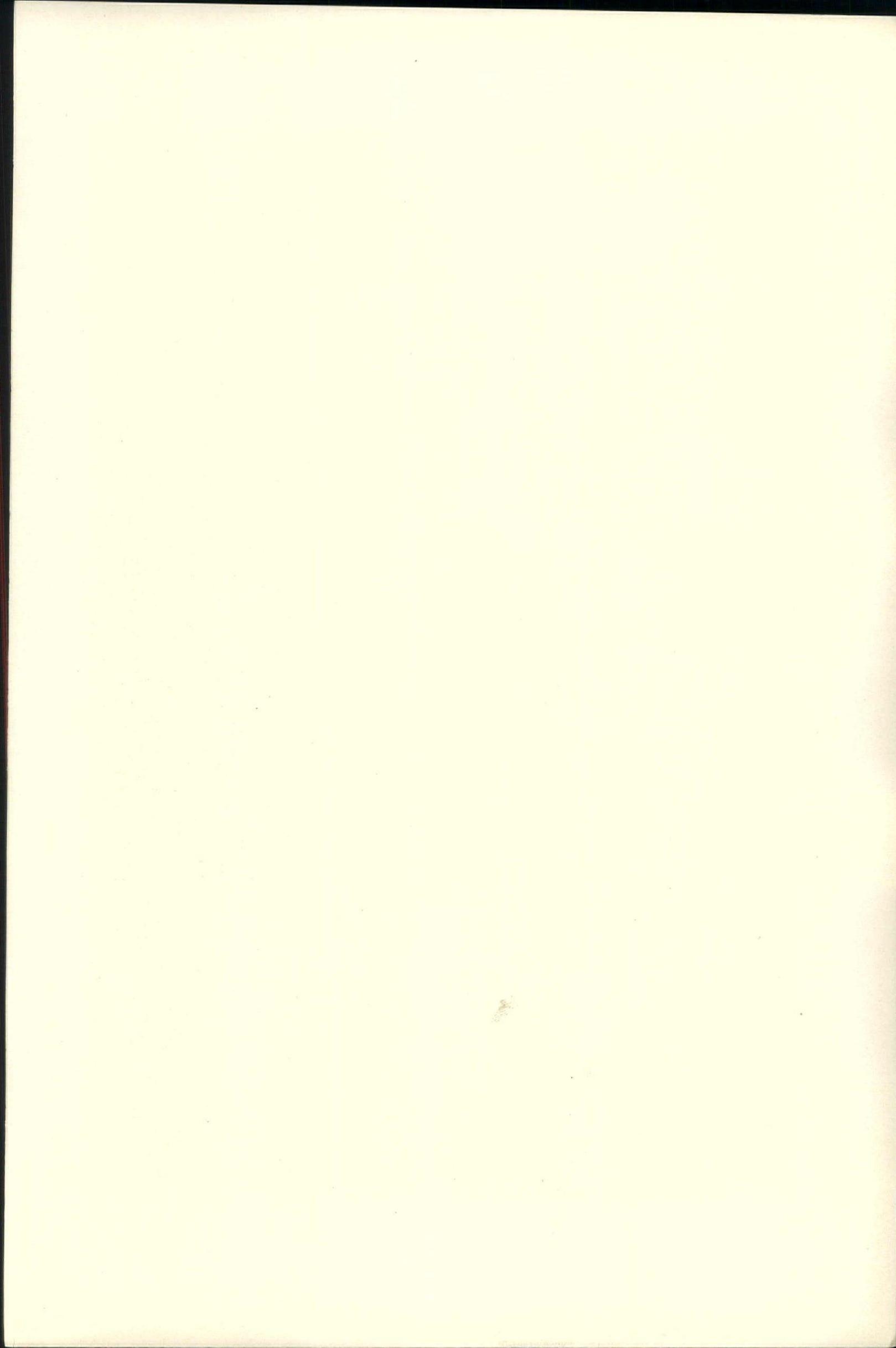


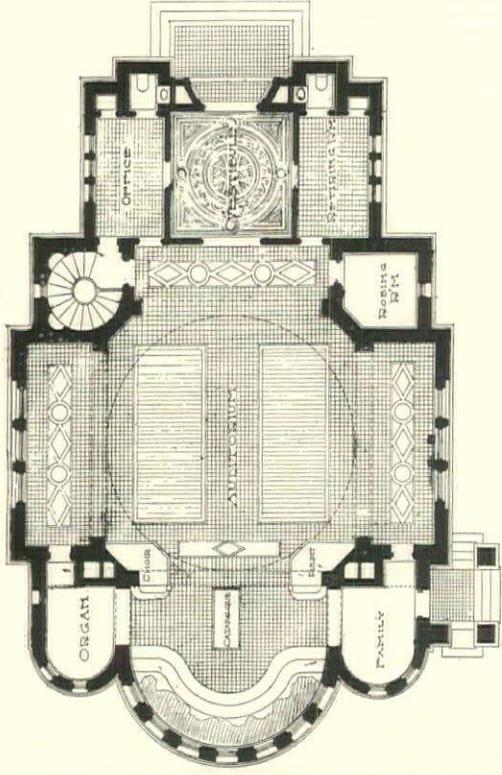
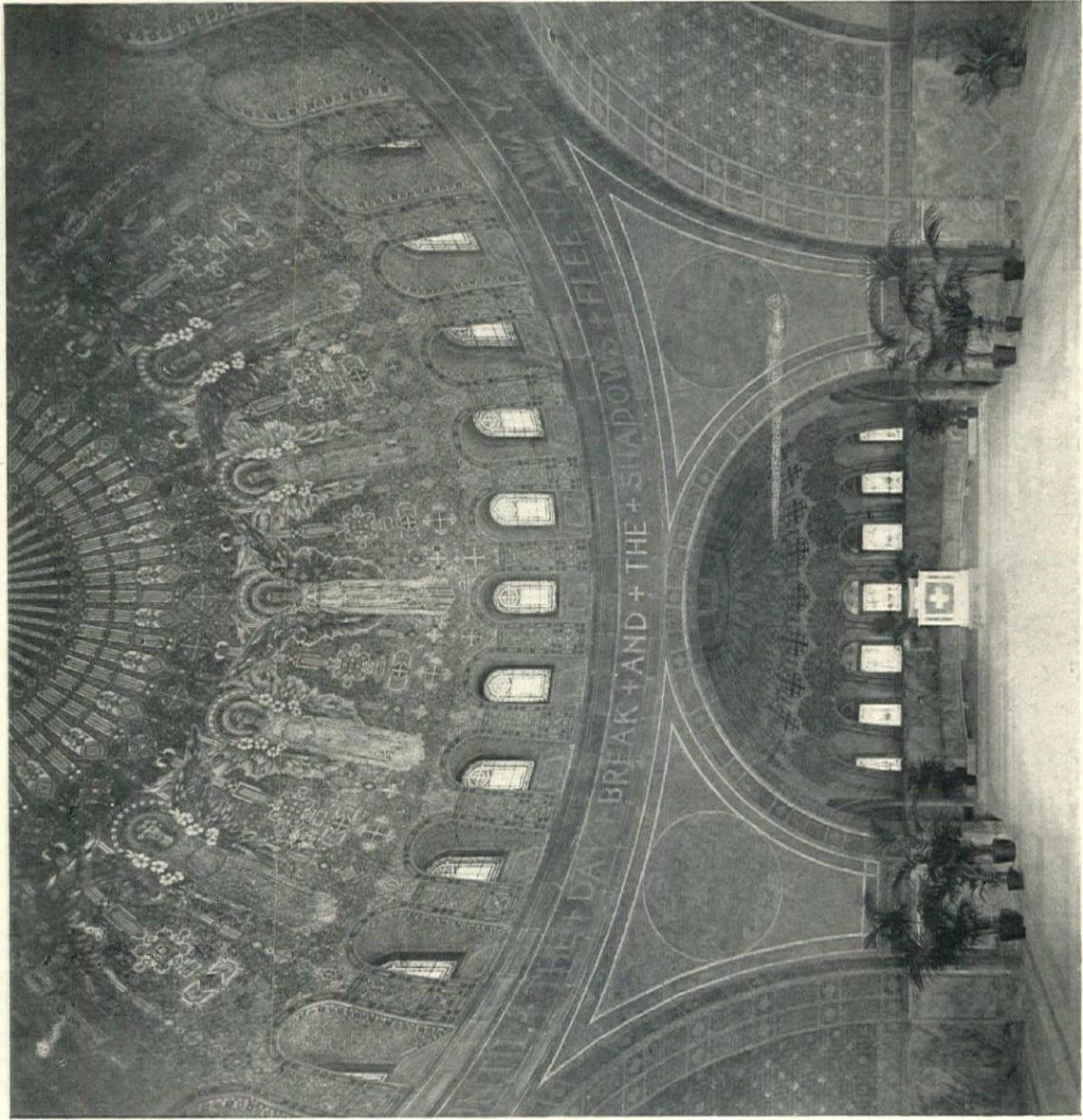
Building is constructed of St. Cloud Granite. Floors, roofs and domes are of Guastavino construction. Roof tile glazed to match granite in color. There is a large Crematorium and Columbarium in basement connected by tunnel with large receiving vault in rear.

CHAPEL AT LAKEWOOD CEMETERY, MINNEAPOLIS, MINN.

HARRY W. JONES, Architect

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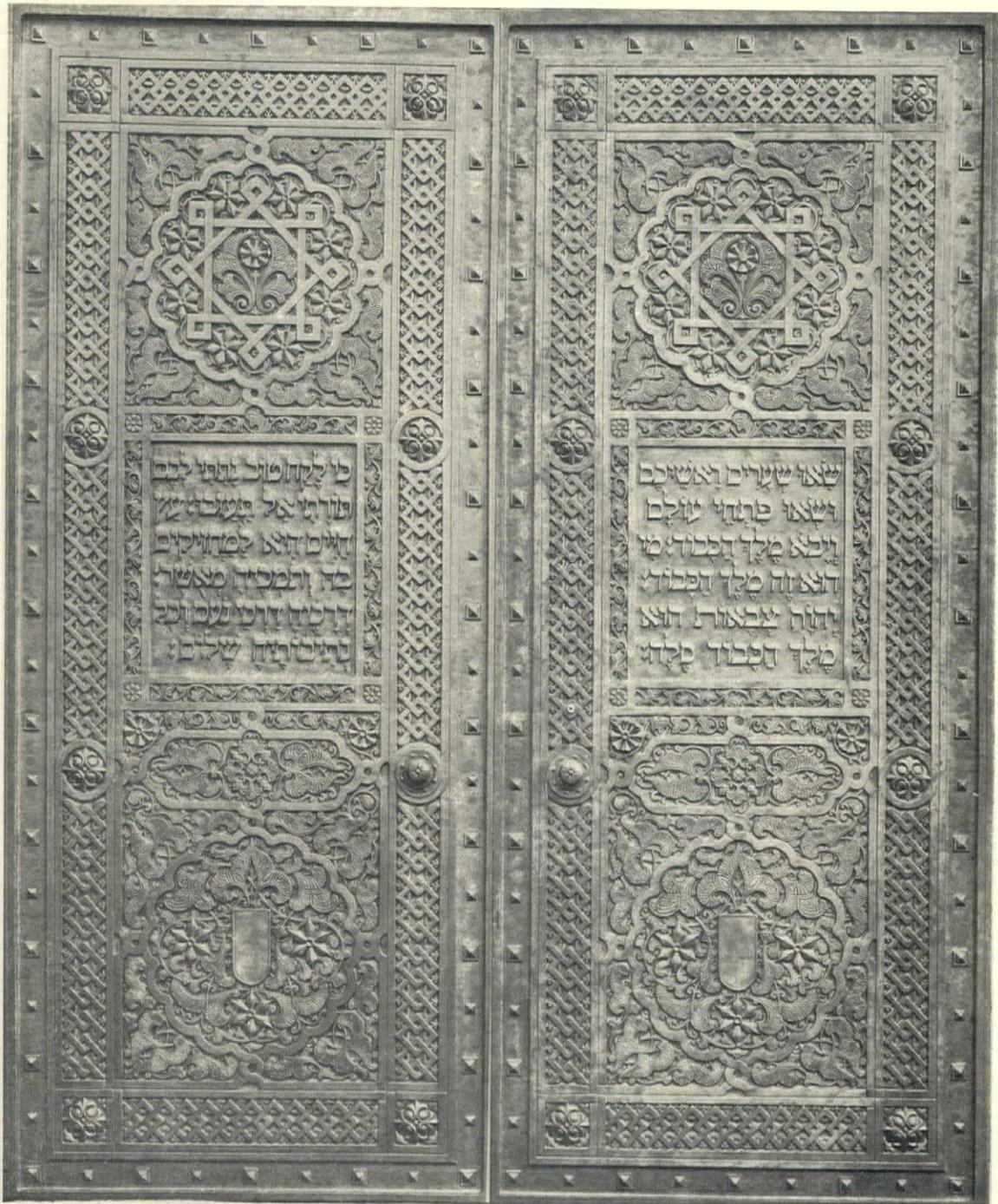


This interior is finished in colored marbles and Venetian Mosaic. Cornice at base of dome of Teco pottery with inlaid gold inscription.

INTERIOR AND PLAN

CHAPEL AT LAKEWOOD CEMETERY,
MINNEAPOLIS, MINN.

HARRY W. JONES, *Architect*



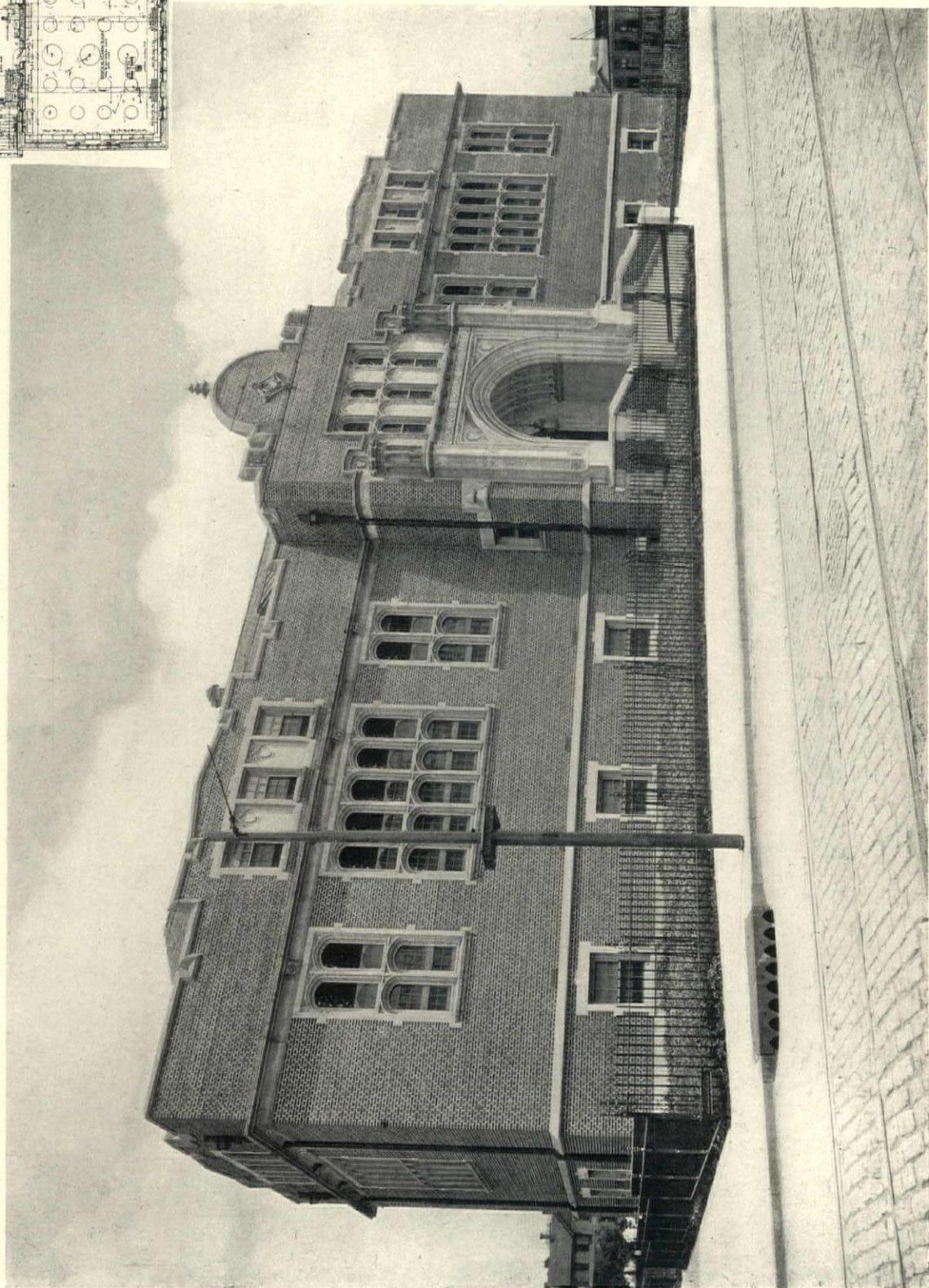
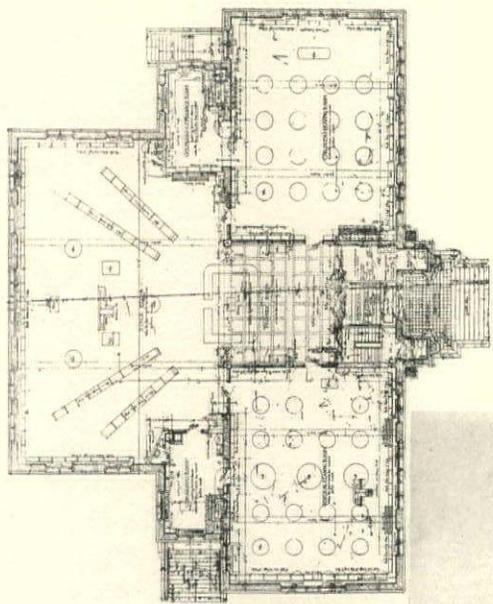
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BRONZE DOORS FOR THE ARK, TEMPLE EMANUEL, NEW YORK

GIFT OF JACOB H. SCHIFF, ESQ.

EXECUTED BY THE TIFFANY STUDIOS, NEW YORK



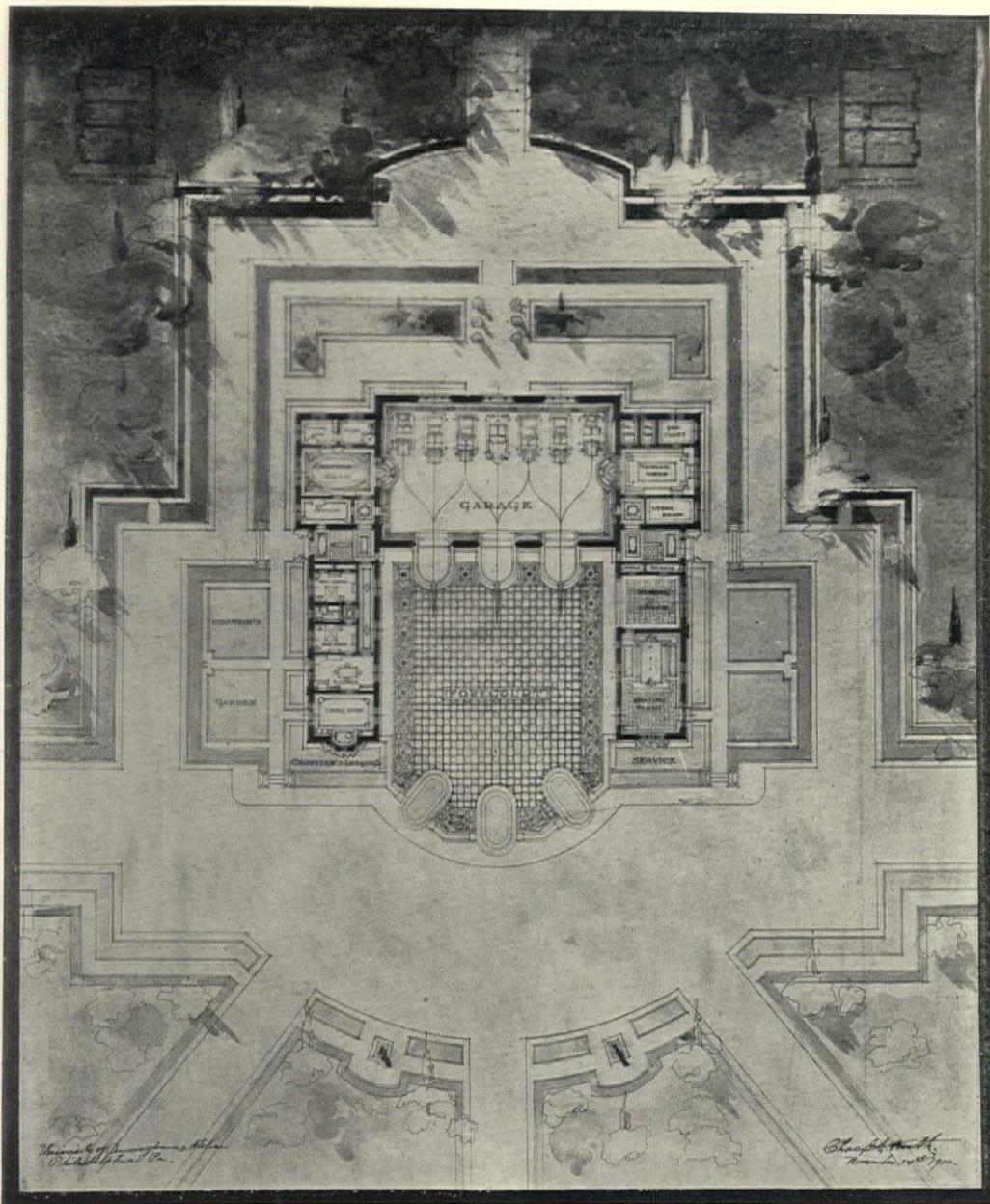
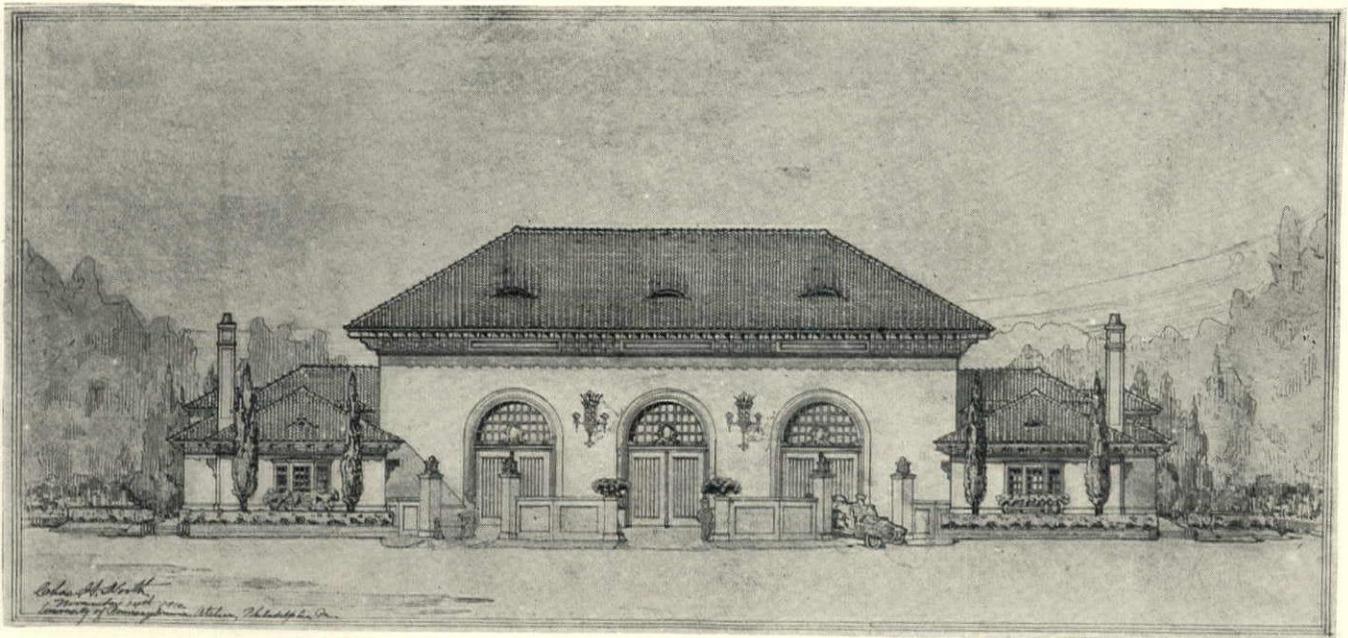


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ALDEN & HARLOW, Architects

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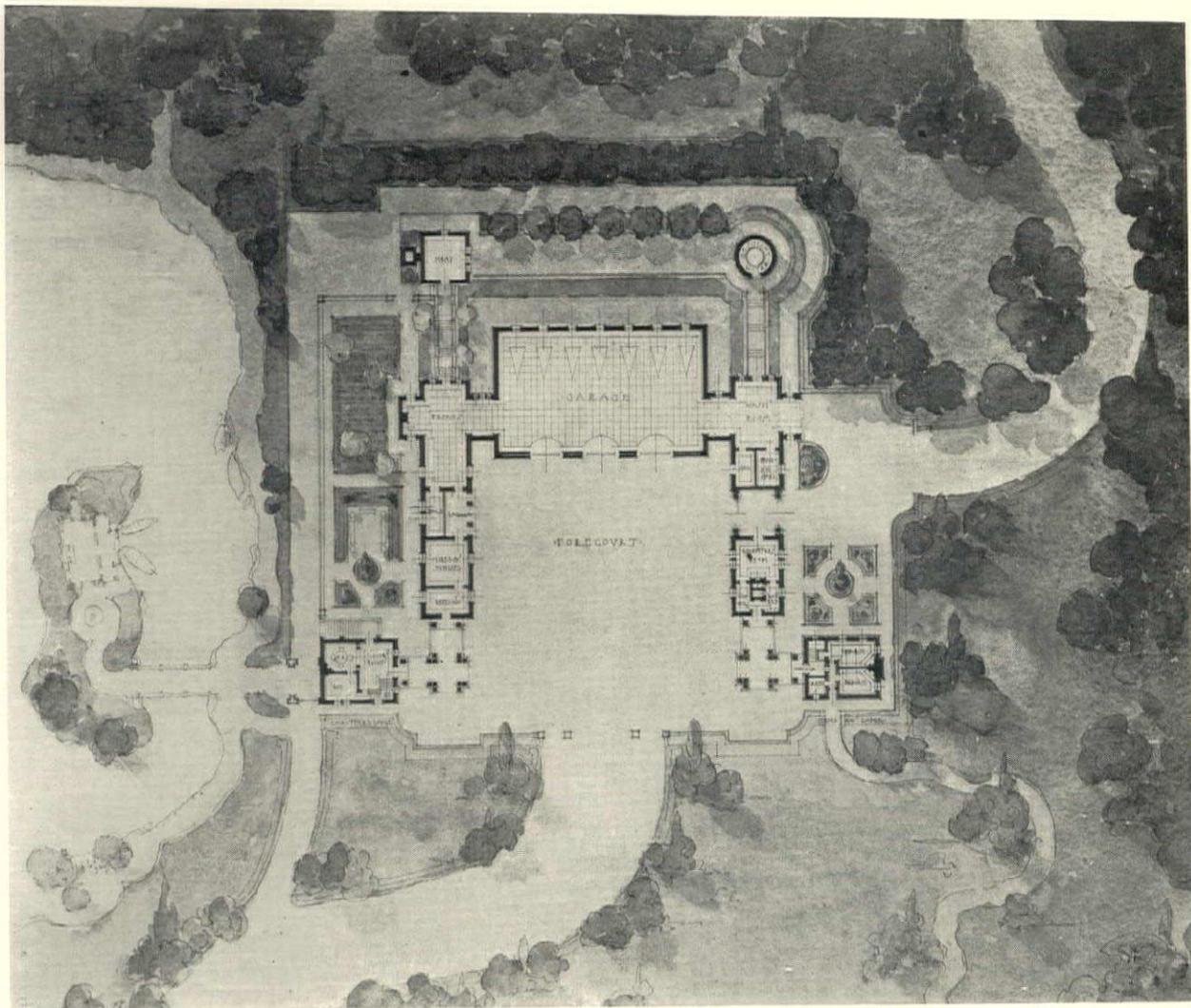
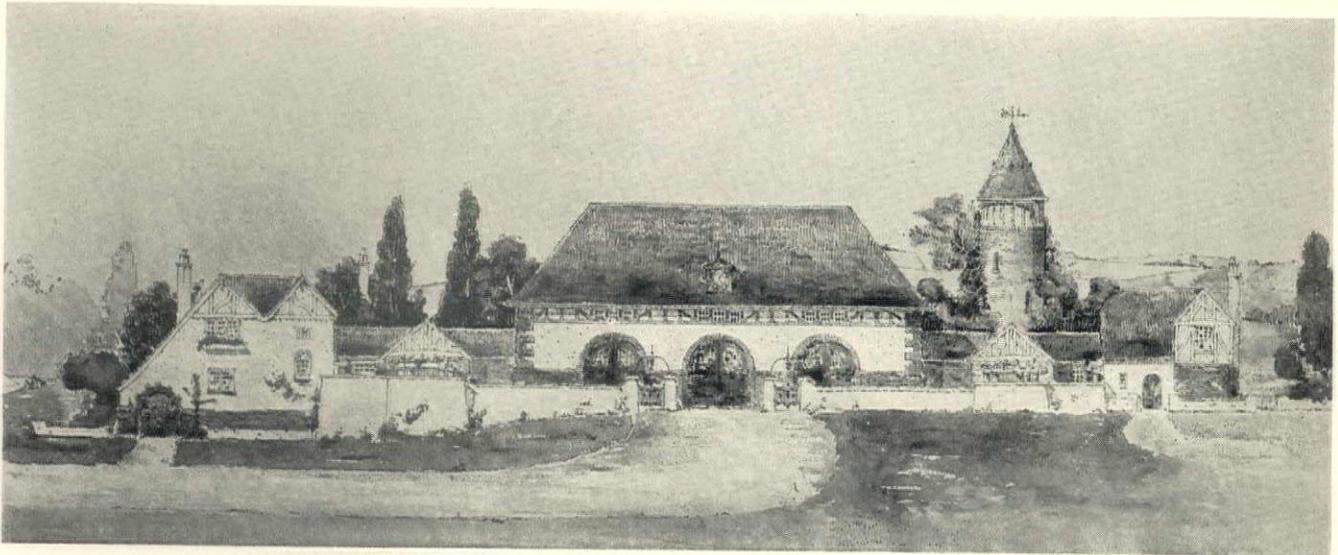
C. H. NORTH

FIRST MENTION

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CLASS "B" I PROJET (PROBLEM IN DESIGN) AN AUTOMOBILE GARAGE STUDENT WORK, SOCIETY OF BEAUX-ARTS ARCHITECTS





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BRANDON SMITH

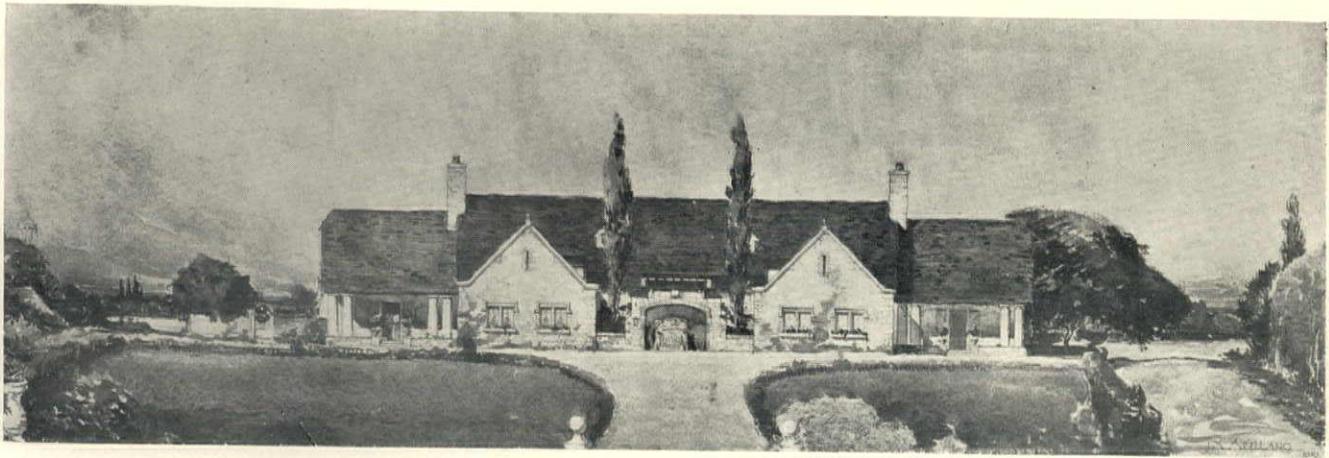
FIRST MENTION

CARNEGIE TECHNICAL SCHOOLS

CLASS "B" I PROJET (PROBLEM IN DESIGN) AN AUTOMOBILE GARAGE

STUDENT WORK, SOCIETY OF BEAUX-ARTS ARCHITECTS

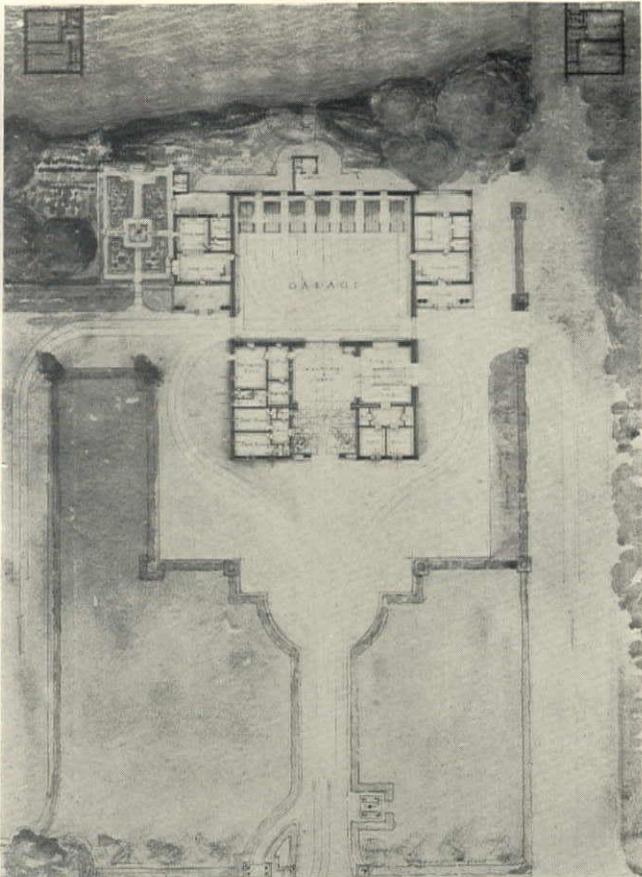




J. M. ARELLANO

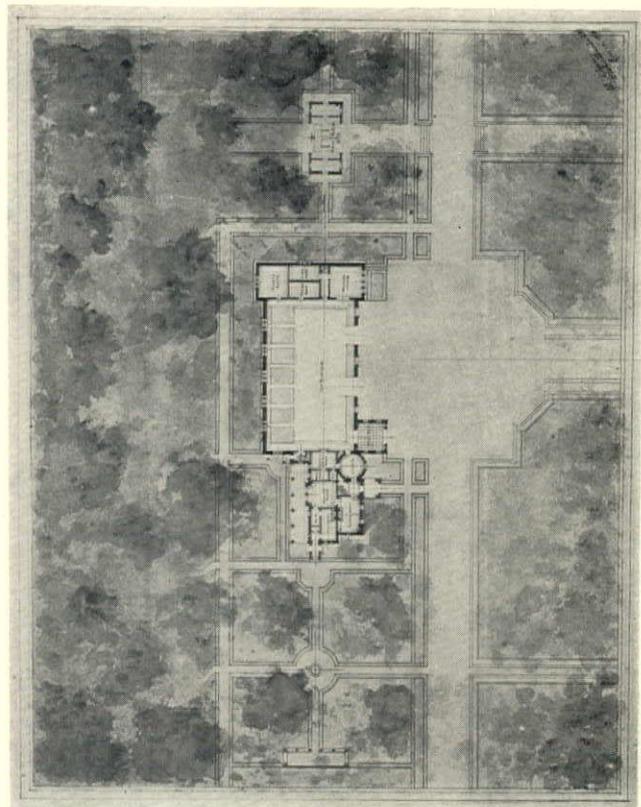
FIRST MENTION

ATELIER DREXEL



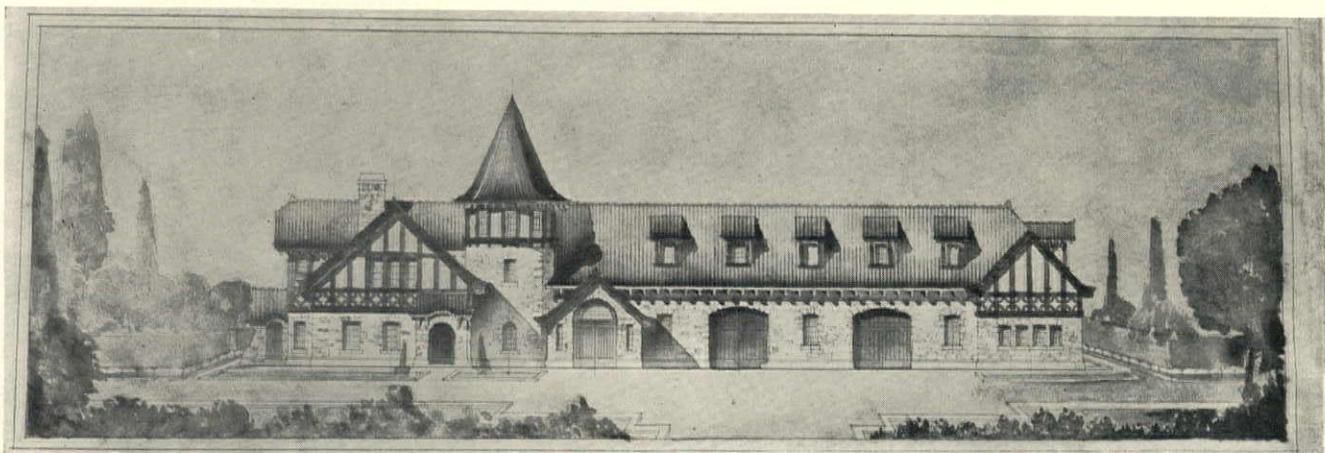
J. M. ARELLANO

ATELIER DREXEL



J. A. KILGOUR

ATELIER HORNPOSTEL



J. A. KILGOUR

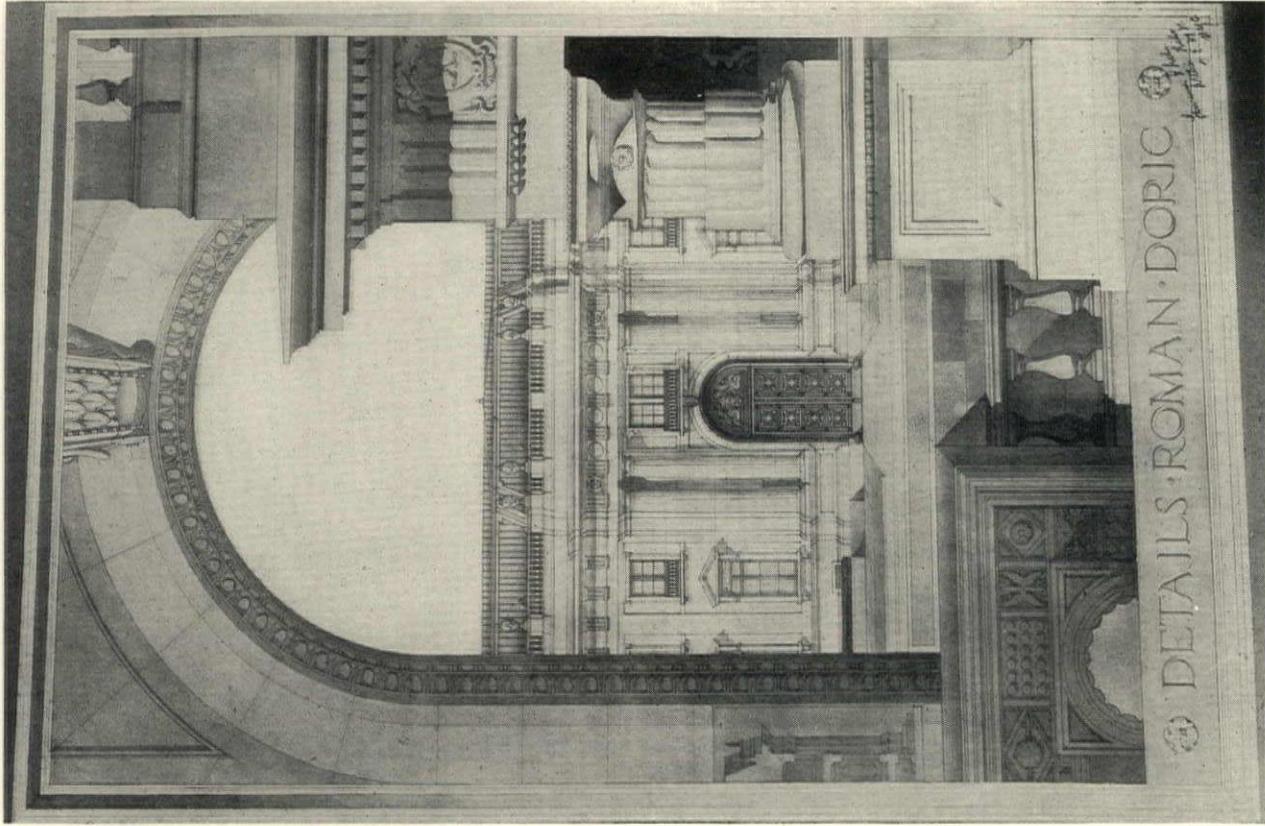
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ATELIER HORNPOSTEL

CLASS "B" I PROJET (PROBLEM IN DESIGN) AN AUTOMOBILE GARAGE
 STUDENT WORK, SOCIETY OF BEAUX-ARTS ARCHITECTS





FRANCIS LIGHT

MENTION PLACED

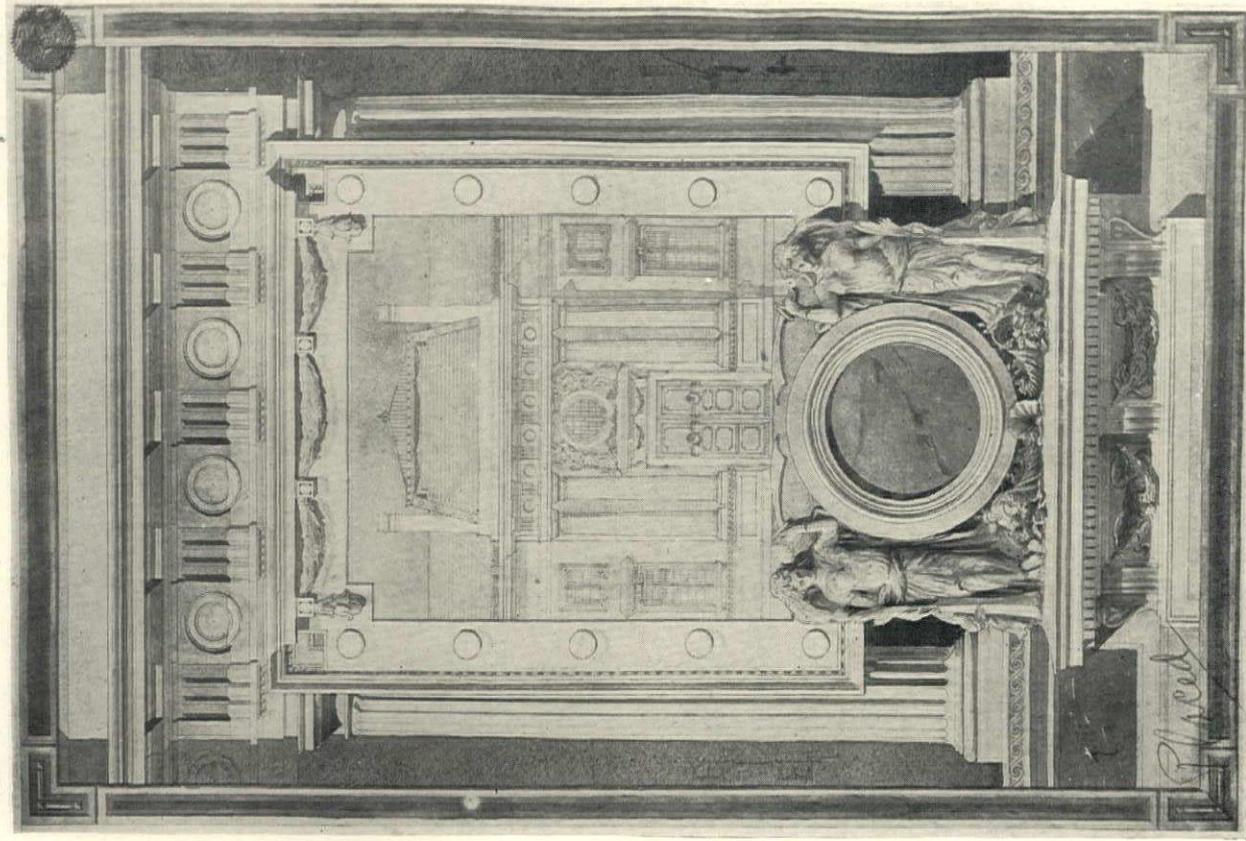
ATELIER LIGHT

B. M. POWERS

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MENTION PLACED CARNEGIE TECHNICAL SCHOOLS

CLASS "B" I ANALYTIQUE (ORDER PROBLEM) AN ENTRANCE DRIVEWAY THROUGH DWELLING

STUDENT WORK, SOCIETY OF BEAUX-ARTS ARCHITECTS



B. M. POWERS

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CLASS "B" I ANALYTIQUE (ORDER PROBLEM) AN ENTRANCE DRIVEWAY THROUGH DWELLING

STUDENT WORK, SOCIETY OF BEAUX-ARTS ARCHITECTS





1910-1911

<p>DONN BARBER PRESIDENT 25 E. 26th St., New York.</p> <p>JAMES OTIS POST CHAIRMAN COMMITTEE ON EDUCATION 347 Fifth Ave., New York.</p> <p>LLOYD WARREN CHAIRMAN PARIS PRIZE COMMITTEE 3 E. 33rd St., New York.</p> <p>F. H. BOSWORTH, Treasurer, 1170 Broadway, New York.</p>	<p>CHARLES EWING VICE-PRESIDENT 345 Fifth Ave., New York.</p> <p>A. B. TROWBRIDGE RECORDING SECRETARY 114 E. 28th St., New York.</p> <p>JOHN V. VAN PELT CORRESPONDING SECRETARY 333 Fourth Ave., New York.</p>
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CRITICISMS BY THE JURY

CRITICISM CLASS "B" ORDER PROBLEM

The average high order of work done by the large majority of students submitting drawings on this problem is shown by the number of mentions given. The comparatively small number of those "placed" was due to the fact that but very few made a careful study of the composition of the entire plate. Students should give this point more attention, for such a composition is not easy. When a student has made a good design for the architectural problem, presented it and the details neatly and well, when the shadows are correctly cast and the rendering even and true, the student is entitled to a "mention." When in addition to the above he makes a pleasing composition of all the parts, the jury is only too happy to mark it "placed," and they urge students to greater effort in this particular.

The exhibition as a whole was extremely good.

CRITICISM CLASS "B" PLAN PROBLEM

A great number of interesting and well-presented projects were submitted on the Program of the Garage Connected with a Gentleman's Country Estate. As the conditions were not very definitely stated, a great variety of schemes was presented. While the majority solved the problem excellently well, a number were impractical and would not have been successful in execution. The circulation in many cases was not liberal and would have made it difficult to maneuver an automobile in and out of the wash-room and the repair shop.

It was generally considered by the jury that the chauffeur's habitation should be in a wing removed as far as possible from the machine room. In some of the plans this was done, while others placed their rooms directly over the machines, which was not good.

In general it was the opinion of the jury that it was unnecessary to provide a separate entrance for each machine. If the car room was liberal in depth, two or at the most three wide entrances were sufficient.

The program called for the construction to be fire-proof. Many of the students treated their exteriors too much in the character of farm buildings and lost

sight of this important point in the construction of the garage.

The jury was greatly pleased with the character and presentation of the projects.

NOTIFICATION OF JUDGMENTS OF NOVEMBER 29, 1910

Conducted by the Committee on Education,
and the
Local Committee of San Francisco.

CLASS "B" I PROJET (Problem in Design) "AN AUTOMOBILE GARAGE"

The two Committees received over 200 Esquisses (Preliminary Sketches) and 131 Projets Rendus (sets of final drawings).

The following awards were made:

<i>Name</i>	<i>Award</i>	<i>Atelier</i>	<i>City</i>
C. Frank	1st M.	Licht	New York
E. D. Wagner	"	Hornbostel	"
J. A. Kilgour	"	Geo. Wash. Univ.	Washington
L. Justement	"	Syracuse Univ.	Syracuse, N. Y.
H. I. Slayton	"	Cleveland Arch. Club	Cleveland
J. A. Thomson	"	Carnegie Tech.	Pittsburg.
H. H. Brown	"	"	"
Brandon Smith	"	"	"
C. H. North	"	Univ. of Pennsylvania	Philadelphia.
J. M. Arellano	"	Drexel Institute	"
D. W. Wait	Mention	Carnegie Tech.	Pittsburg.
John Lehti	"	Washington Arch.	Washington.
H. E. Baker	"	Univ. of Pennsylvania	Philadelphia.
T. Godfrey	"	"	New York.
H. O. Zeigler	"	Drexel Institute	Philadelphia.
B. Braunstein	"	Bosworth	New York.
R. Hubel	"	Hornbostel	"
E. Voorhees	"	Drexel Institute	Philadelphia
W. W. Matthews	"	"	"
A. F. Fry	"	"	"
D. G. Mackee	"	Pietsch	Baltimore
T. T. Rutherford	"	Maxwell	Montreal.
J. H. Harvey	"	Drexel Institute	Philadelphia.
H. J. Ludeman	"	Prevot	New York.
W. A. Mackley	"	Georgia Sch. of Tech.	Atlanta.
C. M. Lovelace	"	Rhode Isl. Sch. Des.	Providence.
L. B. Bradley	"	Carnegie Tech.	Pittsburg.
W. H. Crosby	"	"	"
W. B. Rudolph	"	"	"
T. R. Critcheron	"	"	"
Wm. Johnson	"	"	"
F. L. Hill	"	Drexel Institute	Philadelphia.
J. A. Lockie	"	Geo. Wash. Univ.	Washington, D. C.
H. N. McAuley	"	"	"
J. Blasey	"	"	"
A. C. Wood	"	"	New York.
A. McNaughton	"	Carnegie Tech.	Pittsburg.
C. H. Obrien	"	"	"
H. Dowswell	"	Ware	New York.
C. S. Phelps	"	Syracuse Univ.	Syracuse.
R. K. Fleming	"	Carnegie Tech.	Pittsburg.
R. R. Rose	"	"	"
G. Pratt	"	Syracuse Univ.	Syracuse.
G. Neilsen	"	Geo. Wash. Univ. 3	Washington, D. C.
M. Kingsley	"	Carnegie Tech. 2	Pittsburg
A. Benswain	"	Carnegie Tech.	"
R. Wolff	"	"	Chicago.
C. Palmer	"	"T" Square	Philadelphia.
H. Hudson	"	Carnegie Tech.	Pittsburg.
O. L. Butler	"	Wash. Arch. Club	Washington, D. C.
C. Menz	"	Prevot	New York.
H. Dalsin	"	Wash. Arch. Club	Washington, D. C.
J. P. Sweeney	"	"T" Square	Philadelphia.
H. E. Reiger	"	"	"
B. F. Olson	"	Rhode Isl. Sch. Des.	Providence.
E. Hayward	"	Boston Arch. Club	Boston.
E. D. Ivey	"	Georgia Tech. School	Atlanta.
F. E. Engle	"	Prevot	New York.
C. Vollmer	"	Ware	"
W. I. Grau	"	Bosworth	"
W. Jackman	"	Prevot	"
J. M. Auld	"	Georgia Tech.	"
Robt. Pallesen	"	Ware	"
M. H. Levv	"	Georgia Tech.	"
John T. Gillig	"	Wash. Arch. Club	Washington, D. C.
A. Widman	"	Prevot	New York.
J. K. Morse	"	"	"
B. Moscovitz	"	Bosworth	"
L. G. Bridgman	"	Ware	"
E. De Rosa	"	Hornbostel	"
W. B. Hilliard	"	Donn Barber	"
J. H. Barber	"	Carnegie Tech.	Pittsburg.
C. E. Featherston	"	Hornbostel	New York.
H. W. Hutchings	"	Maxwell	Montreal.
E. Kleeman	"	Ware	New York.
F. C. Disque	"	Carnegie Tech.	Pittsburg.
P. Lamm	"	Wyncoop	New York.
W. T. Jones	"	Carnegie Tech.	Pittsburg.
E. J. Holthausen	"	"	"
W. S. Pary	"	Donn Barber	New York.
V. A. Ronzone	"	Hornbostel	"
J. P. Nepple	"	Ware	"
G. A. Ebelling	"	Carnegie Tech.	Pittsburg.
G. R. McGlenn	"	"	"
J. B. Hays	"	"	"
C. Reiger	"	"	"

Name	Award	Atelier	City
R. S. Pallesen.....	HC	Ware.....	New York.
H. P. Pennington....	HC	Prevot.....	"
C. I. Harrison.....	Mention	Brown.....	San Francisco.
W. Sherman.....	"	"	"
T. Bearwald.....	"	Kelham.....	"
E. Frick.....	"	"	"
T. Jones.....	"	"	"
L. Rosenberg.....	"	Portland Arch. Club....	Portland, Ore.

CLASS "B" I ANALYTIQUE (Order Problem)
 "AN ENTRANCE DRIVEWAY"

The two Committees received about 250 Esquisses (preliminary sketches) and 176 Projets Rendus (final drawings).

The following awards were made:

Name	Award	Atelier	City
W. R. Murphy.....	Men. Placed	Pietsch.....	Baltimore.
J. I. Carroll.....	"	Drexel Institute.....	Philadelphia.
B. M. Powers.....	"	Carnegie Tech.....	Pittsburg.
Francis Licht.....	"	Licht.....	New York.
J. B. Farn.....	Mention	Kast.....	Harrisburg, Pa.
S. J. Harris.....	"	Bosworth.....	New York.
A. Cohn.....	"	"	"
J. F. Mahon.....	"	Licht.....	"
F. G. Fahnestock, Jr.	"	Kast.....	Harrisburg, Pa.
N. H. Behrens.....	"	Licht.....	New York.
S. Dunne.....	"	St. Louis Arch. Club.....	St. Louis.
W. F. B. Koelle.....	"	"T" Square Club.....	Philadelphia.
E. S. Scheldt.....	"	Drexel Institute.....	"
W. L. Hillier.....	"	Hornbostel.....	New York.
G. L. J. Mentze.....	"	Drexel Institute.....	Philadelphia.
H. B. Purdy.....	"	"	New York.
S. W. Gordon, Jr.....	"	Drexel Institute.....	Philadelphia.
C. A. Penny.....	"	"	"
E. H. Klein, Jr.....	"	Ware.....	New York.
R. Segal.....	"	"	"
M. H. Tandy.....	"	Weston.....	Birmingham.
A. Francesconi.....	"	"	New York.
W. H. Goodwin.....	"	"	"
E. Crook.....	"	Whiting.....	Albany.
L. M. Loeb.....	"	"	New York.
H. N. Weinberg.....	"	"	"
G. L. Hayme.....	"	Geo. Wash. Univ.....	Washington, D. C.
M. Williams.....	"	"	"
C. S. Mason.....	"	"	"
E. J. Doelzer.....	"	Barber.....	New York.
William Nickel.....	"	"	"
William Finkle.....	"	Carnegie Tech.....	Pittsburg.
C. R. Leland.....	"	Pietsch.....	Baltimore.
J. Aiken.....	"	Maxwell.....	Montreal.
F. Hudson.....	"	Hudson & Kidd.....	Buffalo.
C. Frick.....	"	Carnegie Tech.....	Pittsburg.
C. Meadowcroft.....	"	Maxwell.....	Montreal.
C. Handley.....	"	Drexel Institute.....	Philadelphia.
D. Fitzgibbon.....	"	Carnegie Tech.....	Pittsburg.
C. Bearinger.....	"	"	"
W. Francis.....	"	Drexel Institute.....	Philadelphia.
L. Challinor.....	"	Carnegie Tech.....	Pittsburg.
C. Dillenback.....	"	"	"
W. Godshall.....	"	Drexel Institute.....	Philadelphia.
P. Nuzum.....	"	Carnegie Tech.....	Pittsburg.
W. Smith.....	"	Hudson & Kidd.....	Buffalo.
G. Hall.....	"	Pietsch.....	Baltimore.
I. Feiner.....	"	Prevot.....	New York.
I. Cochman.....	"	Maxwell.....	Montreal.
J. J. Kenesky.....	"	Carnegie Tech.....	Pittsburg.
B. Broude.....	"	Carnegie Tech.....	"
J. E. Rape.....	"	"	"
C. Gerlach.....	"	Drexel Institute.....	Philadelphia.
J. R. Zetwo, Jr.....	"	Carnegie Tech.....	Pittsburg.
F. B. Williams.....	"	Drexel Institute.....	Philadelphia.
R. A. Kerns.....	"	"	"
P. W. Bouman.....	"	Carnegie Tech.....	Pittsburg.
D. Truscott.....	"	Drexel Institute.....	Philadelphia.
G. H. Krause.....	"	Carnegie Tech.....	Pittsburg.
F. Genter.....	"	"T" Square Club.....	Philadelphia.
W. J. Morgan.....	"	Carnegie Tech.....	Pittsburg.
C. Jaeger.....	"	Donn Barber.....	New York.
H. B. Fleischman.....	"	"	"
A. Morison.....	"	Maxwell.....	Montreal.
E. Brent.....	"	Drexel Institute.....	Philadelphia.
M. Cowan.....	"	Carnegie Tech.....	Pittsburg.
F. Hutchings.....	"	Drexel Institute.....	Philadelphia.
T. Stanley.....	"	Donn Barber.....	New York.
S. McLaughlin.....	"	Rhode Isl. Sch. Des.....	Providence.
F. Irvington.....	"	Donn Barber.....	New York.
H. Douglas.....	"	"	"
P. Getz.....	"	Univ. of Pennsylvania.....	Philadelphia.
F. Fischel.....	"	Carnegie Tech.....	Pittsburg.
E. Pike.....	"	Drexel Institute.....	Philadelphia.
A. Nucciarone.....	"	Meyers.....	Newark, N. J.
A. E. Fitch.....	"	Washington Univ.....	St. Louis, Mo.
G. Moore.....	"	Geo. Wash. Univ.....	Washington, D. C.
R. Resler.....	"	"	"
R. Howard.....	"	Syracuse University.....	Syracuse.
E. Ackers.....	"	Donn Barber.....	New York.
L. Sigloch.....	"	Hornbostel.....	"
W. Reeves.....	"	Prevot.....	"
P. Reilly.....	"	"	"
E. A. Nelson.....	"	Bosworth.....	"
H. C. Franks.....	"	Carnegie Tech.....	Pittsburg.
W. G. Bahl.....	"	"	"
E. Moulton.....	"	Syracuse University.....	Syracuse, N. Y.
W. Beuttler.....	"	Washington Univ.....	St. Louis, Mo.
L. Pentnor.....	"	Bosworth.....	New York.
W. Johnson.....	"	Washington Univ.....	St. Louis, Mo.
J. A. Fisher.....	"	Wash. Arch. Club.....	Washington, D. C.

Name	Award	Atelier	City
W. H. Harold.....	Mention	Carnegie Tech.....	Pittsburg.
C. Flock.....	"	"	"
A. Jefferson.....	"	"	"
F. Weber.....	"	Prevot.....	New York.
E. Parmiter.....	"	"	"
S. Hamilton.....	"	Wash. Arch. Club.....	Washington.
M. Craig.....	"	Ware.....	New York.
W. Maginnis.....	"	Drexel Institute.....	Philadelphia.
H. Kline.....	"	Carnegie Tech.....	Pittsburg.
W. P. Aquin.....	"	Maxwell.....	Montreal.
D. Kornblum.....	"	Carnegie Tech.....	Pittsburg.
L. H. Button.....	"	"	"
T. L. Randolph.....	"	"T" Square Club.....	Philadelphia.
J. L. Nicholson.....	"	"	"
P. Umback, Jr.....	"	Washington Univ.....	St. Louis, Mo.
D. L. Evans.....	"	Carnegie Tech.....	Pittsburg.
H. Brookman.....	"	Bosworth.....	New York.
A. W. Boylen.....	"	Boston Arch. Club.....	Boston, Mass.
P. Luzinius.....	"	Cleveland Arch. Club.....	Cleveland, O.
R. W. Dickerson.....	"	"	"
H. W. Fox.....	"	"	"
R. S. Price.....	"	Washington Univ.....	St. Louis, Mo.
A. E. Fitch.....	"	"	"
J. G. Brown.....	"	Maxwell.....	Montreal, Can.
C. J. Oakley.....	"	Hudson & Kidd.....	Buffalo.
H. K. Davies.....	"	Wyncoop.....	New York.
C. A. Shearinger.....	"	"T" Square Club.....	Philadelphia.
F. D. Hagit.....	"	"	"
J. J. Haushalter.....	"	Carnegie Tech.....	Pittsburg.
V. W. Upham.....	"	Syracuse University.....	Syracuse.
C. A. Frank.....	"	Carnegie Tech.....	Pittsburg.
C. T. Weidner.....	"	"T" Square Club.....	Philadelphia.
R. G. Biederman.....	"	St. Louis Arch. Club.....	St. Louis, Mo.
H. Logeman.....	"	Mil. Dfms. Club.....	Milwaukee.
E. Clare.....	"	Rhode Isl. Sch. Des.....	Providence.
F. A. Rousseau.....	"	"	"
P. Marzillier.....	"	Mil. Dfms. Club.....	Milwaukee.
Robt. Peal.....	"	Cleveland Arch. Club.....	Cleveland, O.
W. J. Gill.....	"	"	"
J. W. Rainey.....	"	St. Louis Arch. Club.....	St. Louis, Mo.
A. R. Williams.....	"	Brown.....	San Francisco.
H. Michelson.....	"	"	"
H. E. Burnett.....	"	"	"
S. C. Flawn.....	"	"	"
C. Warnecke.....	"	"	"
J. W. Bagley.....	"	"	"
A. H. Larsen.....	"	Kelham.....	"
M. Morrison.....	"	"	"
R. Monson.....	"	"	"
G. Thibault.....	"	"	"
T. Bendell.....	"	"	"
A. Urisin.....	"	"	"
P. Boulanger.....	"	"	"
P. C. Collins.....	"	Seattle Arch. Club.....	Seattle, Wash.
A. Fleurtiss.....	"	Portland Arch. Club.....	Portland, Ore.
W. G. Hathaway.....	"	"	"
B. E. Brooke.....	"	"	"
W. Helm.....	HC	Brown.....	San Francisco.
A. G. Horstman.....	"	Kelham.....	"
G. Sneeringer.....	"	Seattle Arch. Club.....	Seattle, Wash.
C. K. Green.....	"	Portland Arch. Club.....	Portland, Ore.

Supplementing Judgment of November 8th the Committee received 6 Class "A" I Projet Rendus; 1 Class "A" Esquisse-Esquisse; and 4 Class "B" I Esquisse-Esquisses; and made the following awards: Note: the delivery of the above drawing was delayed by recent express strike.

CLASS "A" I PROJET (Problem in Design)
 "A COUNTRY INN"

Name	Award	Atelier	City
A. E. McGrail.....	Mention	"T" Square Club.....	Philadelphia.
F. D. L. Morgan.....	"	"	"
H. Rich.....	2nd Med.	"	"
Walter Cope.....	Mention	"	"
W. C. Stanton.....	"	"	"

CLASS "A" I ESQUISSE-ESQUISSE. No Awards.
 CLASS "B" I ESQUISSE-ESQUISSE. No Awards.

The Beautification of Fifth Avenue, New York

The problems involved in the improvement of Fifth Avenue, New York, were discussed at a dinner in the rooms of the Architectural League on the evening of December 6. Addresses were made by Mr. Robert Grier Cooke, president of the Fifth Avenue Association, President Hanson of the Municipal Art Society, and others interested in the movement.

Reports of the meeting do not appear to indicate any crystallization of opinion as to just what should be done to effect the result desired. It will be necessary to resolve all the various ideas into some tangible plan before material results can be looked for.

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- COMMERCIAL BUILDINGS AT SAN FRANCISCO, CAL. *The Brickbuilder*, October, 1910.
- FACTORY BUILDING FOR R. SCHEFFMAN Co., St. Paul, Minn., James A. MacLeod, Architect. Exterior photographs. *The Western Architect*, November, 1910.
- HOUSE AT CHICAGO, ILL., H. R. Wilson & Co., Architects. Exterior photographs. *The Brickbuilder*, October, 1910.
- HOUSE AT HEADLEY SURREY, E. Guy Dauber, Architect. One drawing. *The International Studio*, December, 1910.
- HOUSES AT HORSHAM AND CUCKFIELD SUSSEX AND WOKING SURREY AND DYMCHURCH KENT. Exterior photographs and plans. *The Brickbuilder*, October, 1910.
- HOUSE AT RIVERSIDE, ILL., Louis J. Sullivan, Architect. Exterior photographs and plans. *The Brickbuilder*, October, 1910.
- HOUSE AT ST. LOUIS, MO., Edward G. Graham, Architect. Exterior photographs and plans. *The Brickbuilder*, October, 1910.
- HOUSE IN NORTH BEDFORDSHIRE, SKETCH DESIGN FOR A. A. P. Starkey, Architect. *The International Studio*, December, 1910.
- INSTITUTE OF MUSICAL ART OF THE CITY OF NEW YORK, Donn Barber, Architect. Sixteen pages, photographs and plans. *The New York Architect*, November, 1910.
- LINCOLN PARK REFECTORY, Chicago, Ill., Perkins & Hamilton, Architects. Exterior and interior photographs and plans. *The Brickbuilder*, October, 1910.
- MASONIC TEMPLE, St. Paul, Minn., Buechner & Orth, Architects. Exterior photograph. *The Western Architect*, November, 1910.
- OLIVET CONGREGATIONAL CHURCH, St. Paul, Minn., Clarence H. Johnstone, Architect. Exteriors and plans. *The Western Architect*, November, 1910.
- RESIDENCES FOR BENJAMIN L. AND WILLIAM L. GOODKIND, St. Paul, Minn., Reed & Stem, Architects. Exterior photographs. *The Western Architect*, November, 1910.
- RESIDENCES FOR CHARLES H. AND FRED R. BIGELOW, St. Paul, Minn., Thomas G. Holyoke, Architect. Exterior photographs. *The Western Architect*, November, 1910.
- SHADOW BROOK FARM, Shrewsbury, N. J., Albro & Lindeberg, Architects. Three pages, photographs. *The International Studio*, December, 1910.
- ST. PAUL HOTEL, St. Paul, Minn., Reed & Stem, Architects. Exterior and interior photographs. *The Western Architect*, November, 1910.
- Y. M. C. A., St. Paul, Minn., Clarence H. Johnston, Architect. Exterior photographs and floor plans. *The Western Architect*, November, 1910.
- Y. W. C. A., St. Paul, Minn., C. H. Johnston, Architect. Preliminary drawings. *The Western Architect*, November, 1910.

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- APARTMENT COMPETITION. 3 pages, illustrated. *The Western Architect*, November, 1910.
- ARCHITECTURAL ACOUSTICS, HINTS ON. By Hugh Tallant. 5 pages, illustrated. *The Brickbuilder*, October, 1910.
- ARCHITECTURAL ORNAMENT, THE EVOLUTION OF. By G. A. T. Middleton. 9 pages, illustrated. *The Architectural Record*, November, 1910.
- ARCHITECTURAL ORNAMENT, THE EVOLUTION OF. By G. A. T. Middleton. 12 pages, illustrated. *The Architectural Record*, December, 1910.
- ARCHITECTURE OF AMERICAN COLLEGES, THE. By Montgomery Schuyler. 13 pages, illustrated. *The Architectural Record*, December, 1910.
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- "A THATCHED PALACE," Albro & Lindeberg, Architects. 14 pages, illustrated. *The Architectural Record*, November, 1910.
- BRUSSELS EXPOSITION, 1910. By Francis S. Swales. 20 pages, illustrated. *The Architectural Record*, December, 1910.
- COMPETITION CODE AND THE PUBLIC. By Lansing C. Holden. 1 page. *The New York Architect*, November, 1910.
- COUNTRY HOUSES, SMALL, IN ENGLAND. By G. H. Chettle. 6 pages, illustrated. *The Western Architect*, November, 1910.
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- PARIS SCHOOL DAYS. By George Chappell. 15 pages, illustrated. *The Architectural Record*, November, 1910.
- RUMSON COUNTRY CLUB, THE, Freeman & Hasselman, Architects. 14 pages, illustrated. *The Architectural Record*, November, 1910.
- SAN FRANCISCO, BURNT CLAY'S SHARE IN THE REBUILDING OF. By William C. Hays. 7 pages, illustrated. *The Brickbuilder*, October, 1910.
- "SERIO-PIFFLE ARCHITECTURE." By Ellis Parker Butler. 6 pages, illustrated. *The Architectural Record*, November, 1910.

Proposed Competition for San Francisco City Hall

It is stated in the local press that the Public Buildings Committee of San Francisco, Cal., has recommended that the planning of the proposed City Hall be open to competition.

It is proposed that \$20,000 be set aside by the Finance Committee for prizes in the competition. The estimated cost of the City Hall is \$4,500,000.

PERSONAL

Buechner & Orth, architects, St. Paul, Minn., have moved to new offices in the Shubert Building.

The partnership heretofore existing between William T. Warren and William L. Welton, architects, Birmingham, Ala., has, we are informed, been dissolved by mutual consent.

A number of fellow artists and close personal friends of the late Stanford White have under consideration a plan to erect a permanent memorial as a tribute to his genius and in recognition of his work as an architect. No definite plan has as yet been adopted.

It is stated in the daily press that Mr. F. B. Huntington, of Hopping, Koen & Huntington, and Mr. Charles D. Wetmore, of Messrs. Warren & Wetmore, all of New York, have been commissioned to prepare plans for a series of government prisons and police jails which the Cuban Government will erect on the island.

Mr. William Welles Bosworth, of New York, is now at work upon the landscape problem in connection with the development of what is known as the Letchworth Village, in Rockland County, back of Haverstraw, N. Y., having been appointed by the State to do this work.

The State has recently completed the purchase of several thousand acres of land and will establish a group of buildings, comprising a small town of about three thousand inhabitants. The population will be made up

of the feeble-minded and crippled of all ages and both sexes.

The town site has been connected with the Erie Railroad system by a branch, and in order to insure an ample supply of pure water a dam has been constructed in a notch between the mountains, the overflow from which forms a stream, dividing the valley into two sections. The settlement will be located here—the males and females on opposite sides of the stream, which will be extended at certain points into ponds and other water effects. There will be playgrounds and industrial buildings, social center, etc., and when completed the community will have the character of a cheerful country village instead of the usual depressing effect of a State institution.

Arnold W. Brunner, President of the New York Chapter, on the Creation of a City Architect

In an interview with Mr. Arnold W. Brunner, president of the New York Chapter of the Institute, he stated to a representative of THE AMERICAN ARCHITECT that he was thoroughly in favor of the appointment of a City Architect.

It was Mr. Brunner's opinion, however, that the duties of the office should be purely advisory, and not along the lines laid down by the Board of Estimate.

Mr. Brunner believed that the profession would be very glad to have the city represented by a capable man with whom the architects engaged in municipal work might confer and to whom they could look for such suggestions as might be properly received from the city as a client. This would do away with the conflicting and often impractical suggestions that are usually made to the architect by the heads of different departments.

Mr. Brunner stated he would regard it as unwise to create any office wherein it was proposed to design and plan buildings, or one that would in any way interfere with existing competitive methods.

Mr. Brunner quite naturally believed that in the creation of the proposed office the profession should have an opportunity to state its views, and that he would be glad, if invited, to appoint a Committee of the Chapter to discuss the question with the Committee of the Board of Estimate.

CHAPTER AND CLUB NEWS

REPORT FROM THE CLEVELAND CHAPTER

The regular monthly meeting of the Cleveland Chapter A. I. A. was held at the Hollenden Hotel, Thursday evening, November 4. President Chas. E. Tousley and Mr. S. S. Hubbell were designated as delegates to attend the annual convention which is to be held in San Francisco in January.

Difficulty is being experienced in securing the cooperation of material-men and contracting firms with the Chapter and the Club in the campaign of education for better buildings, better materials and better workmanship, with the architectural exhibition which we plan to hold some time in December. An effort is being made by the committee in charge of the exhibition to reduce the expense in connection with the exhibition and at the same time to give the men who supply the sinews of war as much in return as possible. With this end in view material-men and other advertisers will be given floor space at the exhibition and a supplementary catalogue to the regular elabor-

ately illustrated catalogue will be issued and sold at the exhibition for a nominal sum. It will contain an index of the drawings and the advertisements of the material-men. This catalogue will be given wide publicity and will contain only the advertisements of first-class, reputable concerns.

A communication from the Rhode Island chapter was read relating to the "Institute's Code for the Conduct of Competitions." The sentiment of the Cleveland chapter is strongly with the code as helping to define the legitimate practice of architecture as contrasted with loose methods and the undignified attitude of the uneducated miscalled "architect."

INDUSTRIAL

CEMENT SHOW IN NEW YORK

As already announced in these columns the First Annual Cement Show will be held in Madison Square Garden, New York, December 14-20. (After a great deal of experimenting, it was decided to make corner posts and railings of cement. This big task has been carried out successfully, and for the first time, the Cement Show will be truly a "Cement Show.") Along the front of the elevated platform in Madison Square Garden a solid wall of concrete will be built and at the rear of all booths there will be a three-foot concrete wall surmounted by an iron picket fence. Electric light brackets, brackets for hanging signs and even the signs themselves will be of cement. The effect produced will undoubtedly be considered as a distinct novelty at Trade Shows. The problem of successfully installing all this material is a stupendous one.

The list of exhibitors includes every important cement company and in the allied trades.

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The days of panaceas are past just in exactly the same way that it is no longer considered possible to make one quality of paint that will serve every purpose for which paint is used.

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BUILDING NEWS

To be of value this matter must be printed in the number immediately following its receipt, which makes it impossible for us to verify it all. Our sources of information are believed to be reliable, but we cannot guarantee the correctness of all items. Parties in charge of proposed work are requested to send us information concerning it as early as possible; also corrections of any errors discovered.

ALABAMA

BAY MINETTE.—Hotel Phoenix has been destroyed by fire; new hotel will be built. Mrs. S. Wilkins, Proprietor.

GROVE HILL.—Clark County Commissioners are receiving bids for erection of annex to court house.

MOBILE.—Corinth Chair Co. will at once erect plant in North Mobile. W. J. Cooper, President.

ARIZONA

TUCSON.—Erection of \$40,000 Y. M. C. A. building is being considered.

CALIFORNIA

CHICO.—Board of City Trustees will receive plans until about Jan. 3 for erection of two-story, \$32,000 City Hall at Fifth and Main Sts.

CLAREMONT.—Plans by Architect Robert Orr, Pomona, have been accepted for erection of proposed high school.

FALL RIVER MILLS.—Union School District will vote on site for erection of proposed high school.

LONG BEACH.—T. G. Harriman will erect modern business block on East Ocean Ave.

LOS ANGELES.—Architectural Designing Co. has completed plans for erection of \$5,000 bungalow at 482 Gramercy Pl. for Forest Stanton.

LOS ANGELES.—Board of Education is considering purchase of site at Third and Virgin Sts. and Commonwealth Ave. for erection of school.

LOS ANGELES.—Sierra Madre Club is considering plans for erection of club house.

OAKLAND.—Security Bank & Trust Co. will erect seven-story building at Eleventh and Broadway. Cost \$200,000. Reed & Meyers, Architects.

PASADENA.—Pasadena Furniture and Carpet Co. will erect two-story building.

SACRAMENTO.—The "A" Auto Mfg. Co., First National Bank Bldg., San Francisco, will erect auto plant. Seven buildings proposed. Cost \$150,000. C. C. Frye, 127 Montgomery St., San Francisco, Architect.

SAN FRANCISCO.—Public Buildings Committee has recommended inviting of competitive plans for erection of permanent city hall at McAllister and Larkin Sts. and City Hall Ave.

SAN FRANCISCO.—Plans have been accepted by B. A. Weyl and M. L. Cahn for \$18,000 apartment house to be erected on California St. W. G. Hind, Humboldt Bank Bldg., architect.

SEBASTOPOL.—Architect Bramerd Jones, Petaluma, will prepare plans for erection of large auditorium for directors of Sonoma County Grovenstein Apple Show.

WOODLAND.—Second Baptist Church will erect edifice. Address Pastor Reed.

COLORADO

TRINIDAD.—T. P. Barber & Bro., Colorado Springs, have been selected to prepare plans for \$25,000 edifice to be erected by First Methodist Church.

CONNECTICUT

HARTFORD.—Charter Oak Ave. School has been destroyed by fire; new building will be erected. Dr. Naylor of School Committee is interested.

NEW BRITAIN.—Colonel Frank H. Alford is interested in proposed erection of five-story brick block on Main St.

NEW HAVEN.—St. Stanislaus Polish R. C. Society will erect church and school house in spring at Elm and State Sts.

SOUTHINGTON.—Committee composed of Thomas Holt, C. C. Persiana, E. N. Walkley, W. J. Gould, Samuel McKenzie, W. T. Foley and A. T. Bishop, has been appointed to look after matter of building school building on unit plan near center of town, eight rooms to be built now and eight added later on.

WATERBURY.—Architect John B. Duhaime, 95 Bank St., has completed plans for cement studio in Oakville for Gomeillo Seasor.

DELAWARE

SEAFORD.—Local Masons are considering erection of three-story brick building.

WILMINGTON.—Plans will be prepared by Supervising Architect James K. Taylor, Treasury Department, Washington, D. C., for enlargement of post office.

FLORIDA

JACKSONVILLE.—Fire Committee is considering plans for erection of fire station on Kings Road.

Architect Rutledge Holmes is preparing plans for large five-story building, which is to be erected on Bay St. for Solomon S. Shad.

KEY WEST.—Houston Ice and Brewing Co. will erect concrete store and office building on Duval St.

LAKELAND.—Southern Express Co. will erect office building on Tennessee Ave.

LEE.—Banking company, recently organized, will erect building. M. D. Williams, Live Oak, President.

ST. PETERSBURG.—Local Masons are considering erection of Masonic temple at Fourth St. and Second Ave., South.

GEORGIA

AUGUSTA.—Atlantic Coal and Ice Co. will erect \$100,000 cold storage plant in this city. E. E. Egan, Atlanta, general manager.

MACON.—N. M. Block is interested in proposed erection of hotel.

MACON.—Mercer University is considering erection of additional buildings.

Plans have been adopted for rebuilding of city hall at Cotton Ave. and Second St.

MACON.—County Commissioners will consider erection of jail in rear of court house.

ROME.—Complete plans for new Shorter college buildings have been accepted by Trustees of college. Architect is William T. Downing, Prudential Bldg., Atlanta. Construction work will be begun immediately.

ROME.—Citizens have voted \$100,000 bonds for public schools. J. W. Hancock, Mayor.

ILLINOIS

CHICAGO.—Corbin Sons & Co., 87 Michigan Ave., will erect \$80,000 building on Erie St. Plans are being prepared by Architect S. N. Crowen, Stock Exchange Bldg.

DECATUR.—Plans for building to replace Wabash machine shop destroyed by fire are being made by C. O. Cunningham, St. Louis, Chief Engineer.

MOLINE.—Council has decided to ask for plans for erection of \$100,000 city hall.

INDIANA

BLOOMINGTON.—Phi Gamma Delta is considering erection of \$15,000 home. Judge Wilson, City, Chairman, Building Committee.

CORYDON.—Lutheran Church will be erected in Harrison County, near this city. Wm. Pepper, Geo. Good and John Engleman, Chairman, Building Committee.

DALEVILLE.—K. of P. Lodge will erect store-room and castle hall on Mill St. in near future.

INDIANAPOLIS.—Plans have been prepared for office building to be erected by Millers' Mutual Fire Insurance Co. on Meridian St.

INDIANAPOLIS.—Eugene Weaver, Owner and Architect, will erect three modern apartment houses on Ashland Ave.

Taylor C. Power is planning to erect five-story, \$40,000 building at Delaware and Michigan Sts.

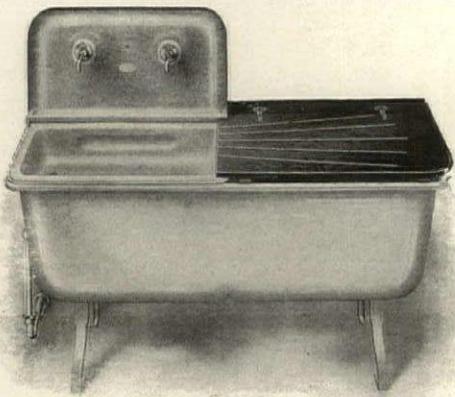


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INDIANAPOLIS.—Louis E. Burkhart, 518 South Meridian St., has had plans completed for erection of \$30,000 vaudeville theater at Meridian and Wilkins Sts.

Storck-Browning Carpet Sewing Co., 52 When Bldg., will erect \$25,000 three-story brick plant in spring. Bacon & Griswold, architects.

Central Amusement Co. will erect \$40,000 theater at 135 North Illinois St. in spring.

Perdue University is urging following appropriations: New library building, \$100,000; dairy building, \$60,000; building for veterinary clinic, \$25,000; horticultural department (buildings), \$30,000; horse and cattle barns, \$50,000; for agricultural extension work, \$10,000; armory, \$50,000; also woman's building.

LOGANSPOUT.—City will receive \$50,000 bequest for erection of public hospital.

PIERCETOWN.—School Board has commissioned Cosmo Ellwood and W. M. Ellwood, Elkhart, to prepare plans for new high school building to cost \$27,000.

IOWA

CEDAR RAPIDS.—Star of the West Lodge No. 1, K. of P., will erect home at 420 First Ave. Brown Bros., Security Bank Bldg., and C. A. Dieman, Granby Block, associated architects. R. R. Mayberry, superintendent of construction.

CLINTON.—First Congregational Church Society will erect edifice in near future.

DES MOINES.—M. H. Cohen will erect business block on Locust St.

DES MOINES.—Adjutant General Guy E. Logan of National Guard is urging erection of large arsenal and armory.

KENTUCKY

COVINGTON.—St. Augustine R. C. Church planning erection of \$65,000 edifice.

LOUISVILLE.—Directors of Association Sanitarium have decided to at once erect proposed cottage home.

Beth Israel Society will erect \$25,000 building on Walnut St. Joseph & Joseph, Commercial Bldg., Architects. A. Weber, President.

McDonald & Dodd, Architects, Equitable Bldg., have about completed plans for three-story store building to be erected for Isaac F. Starks at 654 South Fourth Ave.

LOUISIANA

COVINGTON.—Citizens will vote early in Jan. on \$40,000 bonds to erect high school.

HAMMOND.—Citizens are considering \$100,000 bond issue for improvements including erection of school, fire house, town hall and jail.

MARYLAND

BALTIMORE.—George R. Morris is having plans prepared for erection of six-story apartment house, cost \$30,000, at Madison Ave. and Wilson St.

Architects Butler & Rodman, 16 E. Twenty-third St., New York City, have prepared plans for erection of \$15,000 residence at Ruxton for Nelson Strother.

R. Walter Graham will erect \$20,000 warehouse at 608 E. Pratt St.

BALTIMORE.—Frederick J. Green will erect \$5,000 residence on Gwynn Oak Ave. Henry J. Tinley, Architect.

A. C. Doyle will at once erect twelve dwellings on North Culvert St. Cost \$60,000. John R. Forsythe, 232 St. Paul St., Architect.

Architect A. Lowther Forrest, 417 St. Paul St., has been commissioned to prepare drawings for \$35,000 church on Roland Ave. for the Roland Ave. Methodist Episcopal Congregation.

BALTIMORE.—R. Ember & Co. are having plans made by John Freund, architect, 210 E. Lexington St., for a \$10,000 furniture store at 1016 East Baltimore St.

Architect Henry R. Tinley has prepared plans for erection of \$15,000 apartment house at Garrison and Highland Aves. for J. Frank and E. Bechtel. Bids will be received until Dec. 15.

Rice Bros., bakers, North Gay St., have commissioned Architect John Freund, Jr., to prepare plans for a large addition to their plant.

Plans are being prepared by Frank Beall, Architect, 213 St. Paul St., for \$8,000 moving-picture parlor at 1940 and 1942 W. Pratt St.

BOWIE.—The Gottlieb-Bauernschmidt-Straus Brewing Company will build large warehouse and storage building.

MASSACHUSETTS

BOSTON.—Plans have been prepared for two-apartment frame house to be built for Samuel S. Dennis in Corey St., West Roxbury. Cost \$9,000.

BOSTON.—Plans have been approved for building, plumbing, electrical heating and ventilating as prepared by the School-house Department, Architectural Division, for lower elementary school, Edward Everett District, Dorchester; also building and plumbing plans for Prescott School boiler-house annex as prepared by Brainerd & Leeds, 89 Franklin St., Architects.

New England Historic Genealogical Society will erect \$100,000 home at 18 Somerset St. Plans being prepared.

LOWELL.—Centraville Social Club, Rosario Lussier, President, is considering erection of building.

LYNN.—Mrs. A. S. Wyman will erect modern block at Washington and Munroe Sts.

John B. Renton Co. will erect factory in Glenmere after plans by Dana A. Sanborn, 38 Exchange Place, Chas. E. Harwood, manager.

MICHIGAN

DETROIT.—Lafayette Society will erect \$6,000 building at 189 Gratiot Ave. C. F. J. Barnes, Tolsman Bldg., Architect.

Plans have been prepared for erection of three-story brick church, house and gymnasium on Woodward Ave. and Edmund Place for First Presbyterian Church.

GRAND RAPIDS.—Mrs. M. J. Clark is having plans made for \$25,000 addition to the Clark Memorial home on Sherman St.

GRAND RAPIDS.—Michigan Trust Building Corporation has decided to erect addition to building on Ottawa St. Williamson & Crow, The Gilbert, Architects.

IRONWOOD.—Greek Catholics will erect church on north side of city.

LANSING.—Korf Manufacturing Co. will reorganize and erect plant. W. H. Joy, President.

MINNESOTA

CANNON FALLS.—Bids will be received until 8.30 P.M., Dec. 21, for erection of high school. F. W. Kinney, 605 Kasota Bldg., Minneapolis, architect; P. S. Aslakson, Secretary, Board of Education.

DULUTH.—F. G. German, American Ex. Bank Bldg., has completed plans for new Jerome-Merritt School to be erected in Oneota district. Cost \$52,000. Bids will be received Jan. 6.

Kelly & Lignell, Lonsdale Bldg., have been commissioned to prepare plans for addition to Lowell School at Duluth Heights. Cost about \$18,000.

HEWITT.—Bids will be received until 1 P.M., Dec. 21, for complete erection of school. C. H. Parsons & Co., 601 Phoenix Bldg., Minneapolis, architects; F. G. Pike, Clerk, School District.

MINNEAPOLIS.—Fire Committee has asked for another bond issue of \$100,000; engine houses are needed in Lake Harriet district and in Ninth Ward.

Park Superintendent Theodore Wirth has prepared plans for erection of bathhouse on Lake Calhoun.

MINNEAPOLIS.—Board of Education has decided to erect two moderate sized high schools in Central High School district.

WINONA.—Architect S. A. Myhre has prepared tentative plans for erection of College for Boys. Rt. Rev. P. J. Heffron is interested.

MISSISSIPPI

ABERDEEN.—Methodist Congregation will erect \$30,000 edifice; plans prepared.

MISSOURI

KANSAS CITY.—F. C. Gunn, Postal Bldg., has prepared tentative plans for erection of \$75,000 hospital for contagious diseases of children.

ST. JOSEPH.—Building Committee has adopted plans by Architect Walter S. Boschen for erection of proposed Y. M. C. A. building at Tenth and Farvan Sts.

ST. LOUIS.—St. Philip's Episcopal Parish, Rev. E. D. Johnston, Rector, is making plans to build \$25,000 church in Spring at corner of Union and Maple Aves.

NEBRASKA

HASTINGS.—Plans by Architect Thomas R. Kimball, McCague Bldg., Omaha, have been accepted for erection of proposed Mary Lanning Memorial Hospital.

The Ingham Shower Mixer

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It saves money in the first place, by saving water.

In shower baths where the Ingham Mixer is *not* used, the bather almost always runs the water through the shower head for some time, constantly adjusting the valves until the temperature of water desired is secured.

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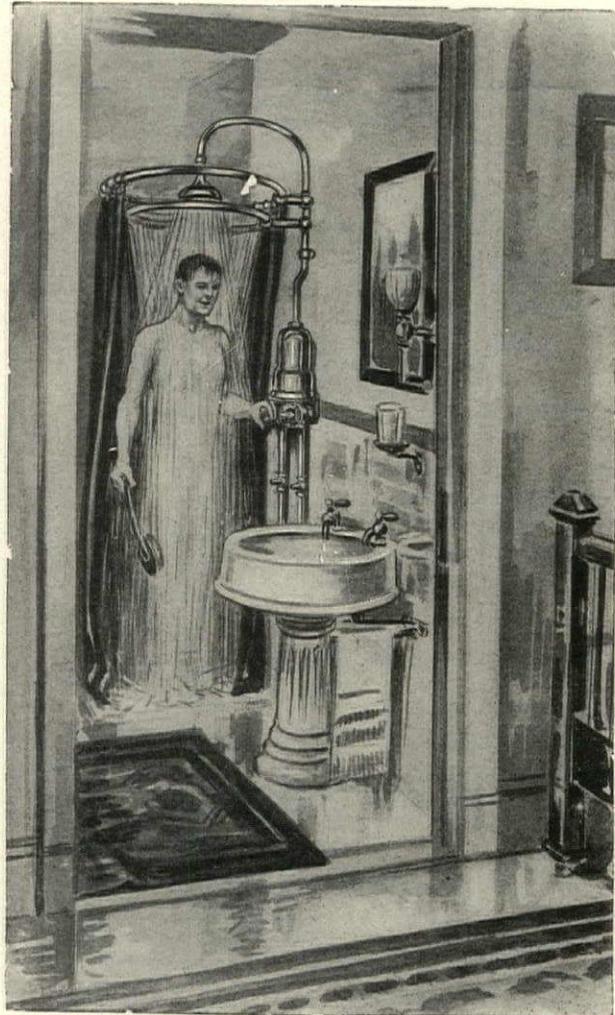
Another point of great economy is this: The Ingham Mixer is the only mixer which will mix **either hot water or steam** with cold water and give positive safety to the bather against excessive water temperature. Consequently **either** hot water or steam may be piped direct to the Mixer, and to pipe steam through the building is much cheaper than to pipe hot water because of the comparatively small size of the steam pipe and the consequent saving in material and installation.

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The Imperial Brass Mfg. Co.

441 So. Jefferson Street, CHICAGO

NEW JERSEY

EAST ORANGE.—John B. Wilson, 54 Arlington Ave., is planning to erect \$10,000 residence on Maplewood Ave.

GLEN RIDGE.—Plans by Architect G. B. Webb, city, have been selected for erection of proposed school.

JERSEY CITY.—Plans have been completed by Architect William H. Bogart, 712 Bergen Ave., for double and single flat, cost \$30,000, on Gardner Ave. for Lowry & Teltsch Co., of 76 Montgomery St.

JERSEY CITY.—From plans as prepared by Architect John A. Resch, 170 Lexington Ave., two two-family houses will be erected on Van Nostrand Ave. for William E. England, of 290 Bergen Ave. Cost \$11,200.

John A. Philman, 218 Bay View Ave., will erect six-family, \$10,000 flat on Dwight St., from plans by Architect Charles A. Fall, of Hoboken.

KEARNY.—Mendel Samuel & Sons, 157 Commerce St., Newark, will erect \$150,000 plant on Harrison Ave.

NEWARK.—Cohen & Berman have completed plans for erection of two three-story apartment houses on Twelfth St. for Dolgan & Medelsohn.

D. B. Dunham & Sons, Rahway, will erect large plant, cost \$50,000, at Central Ave. and Fourth St. Wm. E. Lehman, 738 Broad St., architect.

NEWARK.—St. Andrews Episcopal Church will erect \$15,000 edifice at Clinton Ave. and South Seventeenth St. Francis Averkamp, 59 Thirteenth Ave., architect.

JERSEY CITY.—M. G. Goodman, 76 Montgomery St., will erect \$20,000 apartment at Fulton and Hudson Aves., Union Hill. Hyman Rosensohn, 745 Broad St., Newark, Architect.

SUMMIT.—Board of Education will erect proposed school on Morris Ave.

NEW YORK

BALLSTON SPA.—Saratoga County Supervisors have decided to erect tuberculosis sanitarium.

BROOKLYN.—Shapiro & Aronson, 24 Morton St., will erect \$20,000 reinforced concrete factory. F. A. Waldron, 37 Wall St., New York City, Architect. Bids received about Dec. 31.

GOWANDA.—Erie Railroad will erect passenger station in Spring.

KINGSTON.—Council has provided \$13,000 for improvements at the Wilbur School.

MIDDEVILLE.—West Canada Creek Grange No. 566, P. of H., is considering erection of hall.

MT. VERNON.—Samuel Rosef is having plans prepared for erection of business building on S. Fourth Ave. S. A. Guttenberg, 37 Prospect Ave., architect.

NEW YORK.—Georgier Becker Construction Co., 1182 Broadway, will erect twelve-story store and office building at 62 Forty-fifth St. Rouse & Goldstone, 12 West Thirty-second St., architects.

NEW YORK.—L. T. Alton is having plans drawn by Gronenberg & Leutchtig, 3 W. Twenty-second St., for erection of four-story garage at Broadway near Ninety-fourth St.

Plans have been filed for twelve-story office and loft building to be erected for the Consolidated Gas Company at corner of Irving Pl. and Fifteenth St. Henry J. Hardenbergh, 47 W. Thirty-fourth St., Architect, has estimated cost of structure at \$500,000.

A. Schulte, World Bldg., will erect store building at Third and Tremont Aves., Bronx.

Isaac H. Peller, 381 Fifth Ave., will erect building at 383 Fifth Ave.

NEW YORK.—West Side Y. M. C. A., 318 W. 57th St., will at once erect twelve-story, \$200,000 dormitory on Fifty-sixth St.

Froma Realty Co., 63 Park Row, will erect six-story brick store and loft building on Greenwich St. Cost \$45,000. Goldner & Goldberg, 704 Jackson Ave., Architects.

NEW YORK.—Mital Realty Co., 132 Nassau St., will erect two-story, \$50,000 brick theater on 116th St. D. Stone, Bible House, Architect.

Handy Bros., 2342 Morris Ave., will erect \$7,500 brick stable on Rye Ave. John P. Boyland, 103 E. 125th St., Architect.

NEW YORK.—Joseph Gerardi, 200 Broadway, will erect two three-story brick dwellings, cost \$30,000, on Richardson Ave. L. C. Maurer, 1493 Broadway, Architect.

NIAGARA FALLS.—Niagara Camp, No. 8645, Modern Woodmen of America, is considering erection of temple.

OSWEGO.—Architect John H. Seeber has completed plans for building to be erected by James Shufelt at Syracuse Ave. and East Fourth St. and local contractors will be asked to submit bids on or about Jan. 1.

POUGHKEEPSIE.—Board of Supervisors has voted \$25,000 for erection of tuberculosis hospital.

ROCHESTER.—J. W. Storandt Mfg. Co., 322 St. Paul St., will erect factory on Lyall Ave. Jos. H. Oberlies, Granite Bldg., Architect.

ROCHESTER.—Rochester Telephone Co. will at once erect Exchange building at Park Ave. and Geyer St.; excavation begun.

WATERVILLE.—St. Bernard's Congregation will erect \$30,000 edifice this Spring on site of present church.

OHIO

CINCINNATI.—Dickman & Ortman are preparing for erection of five modern homes in Burwood Ave., South Norwood. Cost \$40,000.

Contracts for erection of a three-story concrete building for Thomas E. Kennedy at 122 and 124 E. Eighth St. will be awarded soon by Architects Joseph Steinkamp & Bro., Mercantile Library Bldg.

Architects Elzner & Anderson, Ingall Bldg., will soon award contracts for erection of two residences.

CINCINNATI.—Harry T. Scully will erect one-story factory on Lexington Ave., Norwood.

CINCINNATI.—Park Commissioners are considering improvements in way of shelter houses, comfort stations and band stands in existing parks; plans by Park Expert Kessler.

CINCINNATI.—Bids will be received until noon Jan. 2 for erection of school building at corner of Freeman Ave. and Poplar St. Tietig & Lee, 711 Lyric Theater Bldg., Architects. C. W. Handman, Business Manager Board of Education.

Cincinnati Union Depot & Terminal Co. has filed acceptance with City authorities of ordinance passed last Summer providing for \$10,000,000 union depot for Cincinnati. John L. Bleekman, President.

CLEVELAND.—E. M. Statler, Buffalo, N. Y., has secured site at Euclid Ave. and E. Twelfth St. for erection of sixteen-story hotel; plans being prepared.

COLUMBUS.—State Board of Agriculture will ask Legislature for \$25,000 appropriation for buildings at State fair grounds.

DELAWARE.—Estimates for construction of several new buildings at the Girls' Industrial Home, will be prepared by Marriott & Allen, Hayden-Clinton Bank Bldg., Columbus, architects; estimates will be for a chapel building to cost \$40,000, two cottages at \$40,000 each, one laundry at \$18,000 and barns and sheds to cost \$20,000.

LIMA.—A. DeCurtians has been selected to prepare plans for \$100,000 edifice for Church of St. John.

NILES.—Architect Thomas Hannah, Kessan Bldg., has been selected to prepare plans for erection of new school and for addition to Warren ave. school.

OXFORD.—Bids will be received until noon, Jan. 3, for erection of women's dormitory at Ohio State Normal College, Miami University. W. L. Tobey, Secretary, Special Building Committee.

TOLEDO.—National Supply Co. will erect large addition to plant in Auburndale. Wm. Hardee, President.

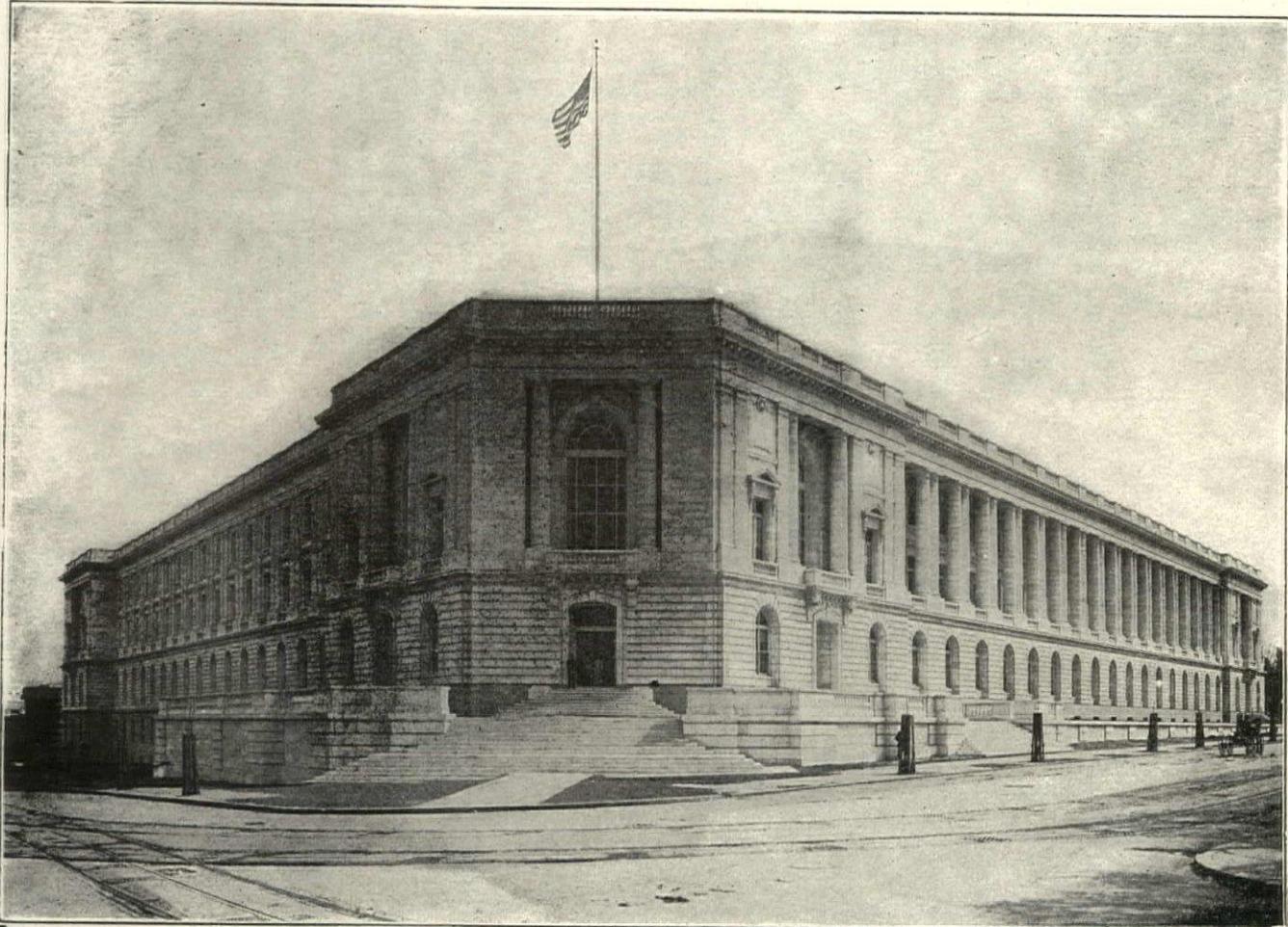
UPPER SANDUSKY.—Board of Education has decided to erect \$20,000 Carnegie library.

OKLAHOMA

TULSA.—Bids will be taken up, until Dec. 12, by Winkler & MacDonald, architects, instead of by County Commissioners, as noted in issue of Nov. 23, for erection of County Court House and jail building for County of Tulsa; bids shall include jail fixtures, furniture, etc.; approximate cost \$235,000.

Drawings are being prepared by Winkler & MacDonald, architects, for seven-story reinforced concrete, stone and terra-cotta bank and office building to be erected at corner of South Main and Fourth Sts. for I. F. Crow, Esq.; cost approximately \$75,000.

Drawings are being prepared by Curtin, Winkler & MacDonald, associate architects, for Catholic church, school and rectory to be built of reinforced concrete, stone and terra-cotta. Approximate cost \$225,000.



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CARRERE & HASTINGS,
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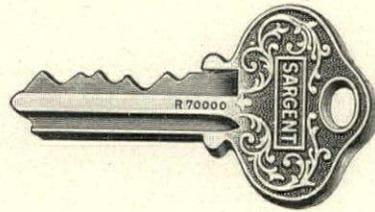
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OREGON

CORVALLIS.—Hathaway Bros. will at once erect concrete building on Second St. Address N. R. Adams.

PORTLAND.—Coin Machine Manufacturing Co. will erect plant at Grand Ave. and Hoyt St.

PORTLAND.—Architect Wenzel Fritsche, 1155 Belmont St., is preparing plans and specifications for three-story brick building to be erected on corner of E. Thirty-ninth and Belmont Sts. for A. D. Knutson to cost about \$18,000; also plans for two-story, \$6,000 frame store and flat building to be erected at E. Thirty-seventh and Belmont Sts. for Dr. W. P. Tillman.

PORTLAND.—Bids will be received until 5 p. m., Dec. 23, for erection of high school. Whitehouse & Foulhoux, 522 Lumbermen's Bldg., Architects. R. H. Thomas, School Clerk.

SPRINGFIELD.—Mrs. Mary Nurre, Eugene, will erect concrete business block on Main St. Plans prepared.

PENNSYLVANIA

BEAVER.—Daughters of American Revolution are considering erection of memorial hall on site of old Fort McIntosh. Mrs. E. Stone Robinson is interested.

HARRISBURG.—C. H. Lloyd, architect, has been selected by School Board to draw plans for \$35,000 eight-room school house at Eighteenth and Herr Sts. and for a \$35,000 annex to Melrose Bldg. in Thirteenth Ward.

HAZELTON.—Erection of \$100,000 high school is being urged.

PHILADELPHIA.—North Penn Bank will erect \$20,000 building at Twenty-ninth and Dauphin Sts.

Architect Charles E. Oelschlager, Harrison Bldg., is preparing plans for three-story Colonial style residence with a wing which Emanuel G. Kolb will erect at Gowen and Stenton Aves., Germantown.

Oak Lane Park Building Co. has had plans prepared by A. M. Adams, 1012 Walnut St., for three-story stone and brick Spanish style house, to be built on Medary Ave., below Eighth St., at cost of \$12,000, and is having plans prepared by A. M. Kolp for three-story stone Colonial house to be built at corner of Seventh St. and Sixty-fifth Ave., for J. M. Ward, at cost of \$10,000.

PHILADELPHIA.—City has acquired site for the proposed Home for the Indigents, at State Road and Holmesburg Ave., Tacony.

PHILADELPHIA.—Board of Education is planning erection of \$1,000,000 high school at 47th and Walnut Sts. Wm. T. Tilden, Chairman, Property Committee.

SCRANTON.—Architects Snyder & Ward have been selected to prepare plans for proposed mission chapel to be erected on N. Ninth Ave., in West Scranton, for Italian Presbyterian Mission.

Lackawanna Trust & Safe Deposit Co. is considering erection of addition to building at Wyoming and Lackawanna Aves.

SCRANTON.—St. John's German Catholic Congregation will erect edifice at South Main Ave. and Luzerne St., West Scranton.

RHODE ISLAND

CENTRAL FALLS.—City has \$15,000 available for erection of addition to Broad St. school building.

PROVIDENCE.—Grace Church will expend \$125,000 in improvements. Ralph Adams Cram, 15 Beacon St., Boston, Mass., Architect.

Edwin A. Smith is having plans prepared for erection of seven-story brick office building on Eddy St.

SOUTH DAKOTA

ABERDEEN.—German Baptists will erect proposed \$50,000 hospital in this city. Dr. C. A. Homan is interested.

GROTON.—Bids will be received until 6 P.M., Jan. 10, for erection of brick and stone bank and office building for First National Bank. Parkinson & Dockendorff, La Crosse, Wis., architects; W. B. Miller, cashier.

TENNESSEE

JOHNSON CITY.—John Sevier Chapter, Daughters of American Revolution, is planning to build pioneer house.

NASHVILLE.—Immanuel Baptist Church is considering plans for erection of \$50,000 edifice on West End Ave. Rev. Rufus W. Weaver, Pastor. A. B. Hill, Chairman Special Committee.

TEXAS

CENTER POINT.—Bids will be received until 8 p. m., Dec. 21, for erection of school. Alfred Giles, San Antonio, Architect. T. A. Buckner, Secretary, School Board.

DENISON.—School Board is considering erection of high school.

FORT WORTH.—High school building, Jennings Ave. and Jarvis St., has been destroyed by fire; loss \$100,000.

LONGVIEW.—Local Woodman Lodge is considering plans for erection of home. G. A. Bodenheim is interested.

PECOS.—Citizens have voted \$30,000 bonds for erection of high school.

QUANAH.—Elks' Lodge is considering erection of \$20,000 home in near future.

SAN ANTONIO.—Bids will be received until noon, Jan. 9, for rebuilding and remodeling Bexar County jail. H. T. Phelps, Gunter Office Bldg., Architect.

TERRELL.—Preliminary plans have been received by Post Master F. L. Irwin for erection of federal building on N. Francis St.

TYLER.—First Baptist Church will erect \$50,000 edifice at N. Bois D'Arc Ave. and W. Ferguson St. Plans being considered.

VIRGINIA

NORFOLK.—School Board is considering erection of negro school in Berkley.

Norfolk Light Artillery Blues will secure site at Lynnhaven Inlet for proposed \$14,000 club house.

NORFOLK.—Fire Chief McLaughlin has recommended erection of \$20,000 engine house at 576 Bute St.

PORTSMOUTH.—South Norfolk Fire Co. will erect fire house on Twenty-second St.

RICHMOND.—Asbury Methodist Church will open bids about Jan. 1 for erection of \$40,000 edifice. Huggins & Bates, Roanoke, Architects. Rev. L. T. Williams, Pastor.

WASHINGTON

ABERDEEN.—Northern and Union Pacific Railroads will erect \$100,000 union station.

EVERETT.—Loyal Order of Moose is planning to erect lodge and club house at Oakes and Everett Aves. W. W. Hastings, Architect.

First Unitarian Church will erect edifice at Eighteenth St. and Colby Ave. Rev. O. E. Duerr is interested.

MARCUS.—School Board will consider erection of school.

PROSSER.—State Bank will erect \$22,000 bank building. Chas. Wood, Peyton Bldg., Spokane, architect.

SEATTLE.—McRae & Branigan, 320 E. Pike St., are considering erection of \$10,000 store building at Nineteenth Ave. North and Prospect St.

SEATTLE.—The Cyrus Walker Estate is considering erection of twelve-story store and office building on Third Ave. Howell & Stokes, White Bldg., architects.

SPOKANE.—Under supervision of Architect Carl Jabelonsky, 439 Peyton Bldg., work will begin in near future on construction of \$20,000 apartment house on Fourth Ave. for Dr. George G. Belden.

G. B. Dennis will erect \$450,000 apartment house at Fourth Ave. and Howard St.

WALLA WALLA.—Erection of \$50,000 brick armory for National Guard is being urged. Capt. P. H. Weyrauch, Co. K, Second Regiment, is interested.

WISCONSIN

IRON RIVER.—The Chicago and Northwestern Railroad will build new passenger depot in this city. Cost between \$25,000 and \$30,000.

MADISON.—President Van Hise, University of Wisconsin, will recommend erection of new union building with dormitories, a drill hall, two building for departments and wings for three other buildings.

Kletzsch Bros., Milwaukee, owners of Park Hotel, will erect \$200,000 building on site of present hotel.

MILWAUKEE.—Standard Separator Co. will erect \$100,000 concrete construction factory in West Allis; power plant and office building will also be built.

MILWAUKEE.—Hansen Malting Co. will erect plant. C. E. Hansen, President. F. L. Bader, Architect.

IF YOU are interested in detailing a wide opening for elevator fronts, let us send you a full size detail of the

Krause Patent Lever Opener and Lock

for operating two part elevator doors.

¶ It is so smooth in its action, simple in its construction and free from mechanical imperfections that it will appeal to you as it has to many other Architects who are specifying it.

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POSITIONS WANTED

The rate for advertising under this heading in uniform style, solid type, is 50 cents for 30 words or less, payable in advance. Copy received until 12 m. Monday.

TECHNICAL GRADUATE, wide experience in engineering and construction end of architecture; capacity for thoroughness in details, specifications and contracts, good executive, desires responsible position with architect or contractor. Address 18C, care American Architect. (1818 & T. F.)

ARCHITECTURAL ENGINEER, chief engineer for complete, economical designs and specifications for steel and reinforced concrete buildings, during spare time; have facilities for handling rush work. Thoroughly familiar with New York building code and general specifications. Terms reasonable. Address 19D, care American Architect. (1819-t.f.)

ARCHITECTURAL man; first-class in designs of historical periods; strong in planning; structural engineer; can take charge of office work and produce results; can influence good work for which he lacks means to carry along. Address 20B, care American Architect. (1824-25)

ARCHITECTURAL Draughtsman, with 15 years' experience in leading New York City office, desires a position in the south or southwest after Jan. 1st, 1911. Will consider a temporary engagement with reliable office to prove ability. Can give highest references as to character and ability. Salary, \$50 a week. Address 24C, care American Architect. (1824-25)

DRAUGHTSMAN—Ambitious young man with 3 years of practical experience, who is at present employed, wishes a position in New York or New Jersey with a busy architect. Good tracer, letterer and detailer, etc., on moderate-priced residences. References from present employer. Address C. K., Room 407, Allentown National Bank Bldg., Allentown, Pa. (1824-25)

ARCHITECT, now employed by large public service corporation, desires change. Thoroughly familiar with power plant and industrial building construction. Technical education, and extended experience in all classes of buildings. Desires position as office manager for architect or contractor with view to partnership, or as architect for engineering firm or railroad. Address 25B, care American Architect. (1825-6)

ARCHITECTURAL DRAUGHTSMAN of four years' experience desires position the first of the year in New York City. A college graduate. Address 25D, care American Architect. (1825)

ARCHITECTURAL DRAFTSMAN, with 5 years' experience, desires immediate position. Can make complete working drawing from rough sketches. Salary, \$16. Reference and sample drawings will be furnished if desired. Address 25C, care American Architect. (1825)

ARCHITECTURAL DRAUGHTSMAN, 28; 10 years' practical experience at working drawings; good designer; very competent at residence work, alterations, etc. General all-around man. Complete plans from suggestions or memoranda. Get up rough perspectives in a pinch. Good references. Locate middle or western states. Residence, Denver. Address 24A, 929 Monadnock Block, Chicago, Ill. (1825)

HELP WANTED

The rate for advertising under this heading is 15 cents a line, with a minimum of five lines. About 7 words make a line. Remittance should accompany copy. Copy received until 12 m. Monday.

ARCHITECTURAL and Ornamental iron draftsman needed constantly; salaries \$18 to \$35 per week. The Engineering Agency, Inc., Monadnock Block, Chicago.

WANTED Immediately—Two Draughtsmen capable of taking sketches fairly worked out and completing working drawings, detailing scale and full size intelligently. Work mainly first-class residences, but usual amount general office work. Delightful winter climate six months, but good balance of year. Apply, giving full particulars, salary expected, etc., to H. T. E. Wendell, Architect, Augusta, Ga. (1825-26)

SALESMAN visiting architects and builders for new patented kitchen and laundry utility of great merit. Sell on sight from pocket photograph as superior. Is quickly recognized. Liberal commission. Mesha Mfg. Co., 118 Beekman St., New York. (1817-T.F.)

FIRST-CLASS Experienced Architectural Draftsman, capable of making complete scale and full-size details of general residence, public, office and store building work. Structural and specification knowledge not necessary. Permanent position. State fully experience, ability, references and salary desired. Address Smith, Hinchman & Grylls, Washington Arcade Bldg., Detroit, Mich. (1824-25)

PROPOSALS

The rate for advertising under this heading is 15 cents a line, with a minimum of five lines. About 7 words make a line. Copy received until 12 m. Monday.

Treasury Department, Office of the Supervising Architect, Washington, D. C., November 26, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 7th day of January, 1911, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the United States Post Office at Waycross, Ga., in accordance with drawings and specification, copies of which may be had from the Custodian of site at Waycross, Ga., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1824-25)

NOTICE TO CONTRACTORS.

Sealed proposals for the construction and plumbing of a Power House and Conduits for the New York State Capitol and Education Building at Albany, N. Y., will be received by the Trustees of Public Buildings in the Executive Chamber, the Capitol, Albany, N. Y., until 12 o'clock Noon, December 21st, 1910, when they will be opened and read publicly.

Proposals shall be accompanied by a certified check in the sum of five per cent. of the amount of the bid, and the contractor to whom the award is made will be required to furnish surety company bond in the sum of 50 per cent. of the amount of the contract, within 30 days after notice of award of contract and in accordance with the terms of specification No. 1391. The right is reserved to reject any or all bids.

This work does not include power plant equipment, steam heating work or electric work.

Drawings and specifications may be consulted and blank form of proposal obtained at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon applications sent before December 16th, 1910, to, and in the discretion of, the State Architect, Franklin B. Ware, Albany, N. Y. (1824-25)

OFFICE OF THE COUNTY CONTROLLER OF SCHUYLKILL COUNTY.

Pottsville, Pa., November 30, 1910. Sealed proposals will be received at this office until 12 o'clock Noon, on the 17th day of January, 1911, and then opened, for general contract, including masonry, carpentry, iron and steel, ornamental iron, roofing, painting, fire-proofing, plastering, etc., labor and materials complete, for the construction of a building for the Insane at Schuylkill Haven, Pennsylvania, in accordance with the drawings and specifications,

copies of which may be obtained at the office of the County Commissioners on and after 10 A. M., December 16th, 1910.

In order that plans and specifications may be available on December 16th, 1910, those desiring to estimate will file their names and addresses, with certified check for \$30.00, at the office of the County Commissioners, on or before 10 A. M., December 9th, 1910. Plans and specifications can be obtained on six days' notice at any time before the opening of bids on payment of \$30.00. This amount is to cover the actual cost of printing the plans and specifications, and will be returned to the bidder on the return of his plans and specifications.

By direction of the County Commissioners.

CHAS. T. STRAUGHN,
County Controller.
(1824-25-26)

OFFICE OF THE COUNTY CONTROLLER OF SCHUYLKILL COUNTY.

Pottsville, Pa., November 28th, 1910. Sealed proposals will be received at this office, until 12 o'clock Noon, on the 17th day of January, 1911, and then opened, for general contract, including increased water supply, sewage disposal plant, power plant, elevator, heating, ventilating, plumbing and electric wiring complete, for the construction of a building for the Insane at Schuylkill Haven, Pennsylvania, in accordance with the drawings and specifications, copies of which can be obtained at the office of the County Commissioners, on and after 10 A. M., December 16th, 1910.

In order that plans and specifications may be available on December 16th, 1910, those desiring to estimate will file their names and addresses, with certified check for \$30.00, at the office of the County Commissioners, on or before 10 A. M., December 9th, 1910. Plans and specifications can be obtained on six days' notice at any time before the opening of the bids, on payment of \$30.00. This amount is to cover the actual cost of printing the plans and specifications, and will be returned to the bidder on the return of his plans and specifications.

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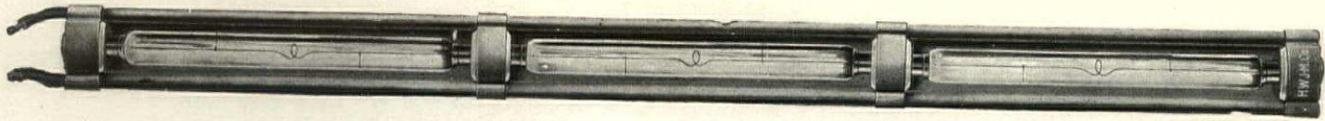
Treasury Department, Office of the Supervising Architect, Washington, D. C., December 5, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 16th day of January, 1911, and then opened, for the extension, remodeling, etc. (including plumbing, gas piping, heating apparatus, and electric conduits and wiring system), of the U. S. Post Office and Custom House at Bath, Maine, in accordance with drawings and specification, copies of which may be obtained from the Custodian at Bath, Me., or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1825-6)

Treasury Department, Office of the Supervising Architect, Washington, D. C., December 8, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 12th day of January, 1911, and then opened, for metal vault linings, doors, etc., in the extension to the U. S. Assay Office, New York, N. Y., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent at the building, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1825-26)

Treasury Department, Office of the Supervising Architect, Washington, D. C., December 1, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 3rd day of January, 1911, and then opened, for the installation of a conduit and electric wiring system in the United States Assay Office, New York, N. Y., in accordance with drawings and specification, copies of which may be had at this office or at the office of the Superintendent of Construction, New York, N. Y., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1825-26)

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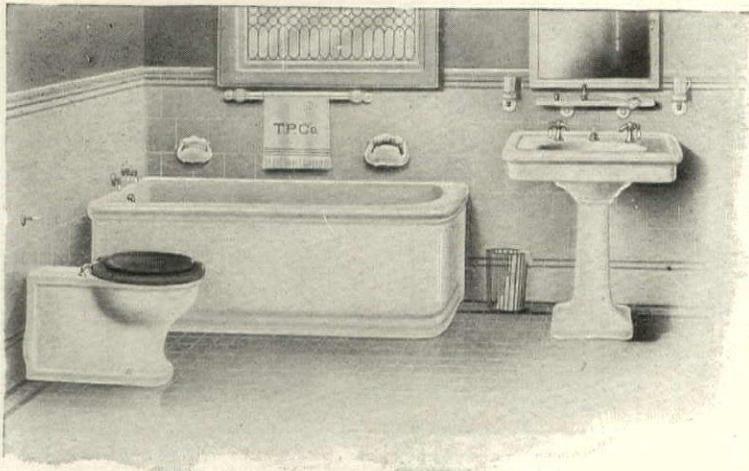
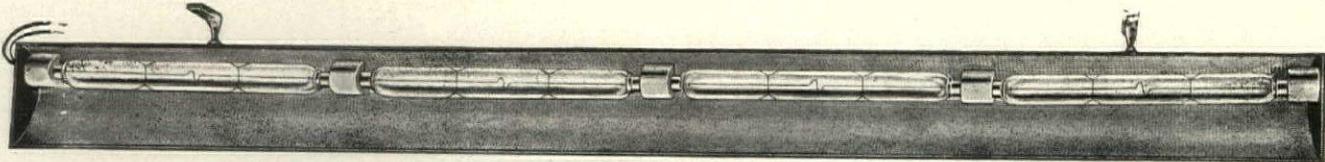
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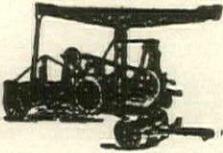
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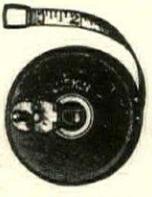


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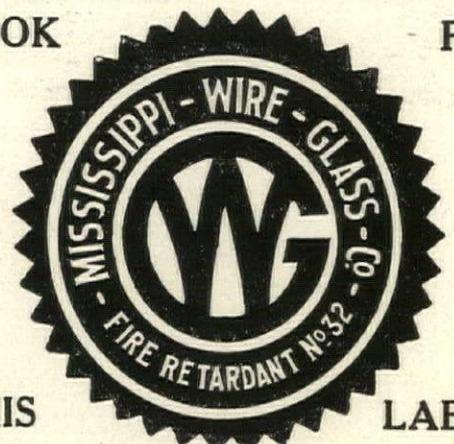
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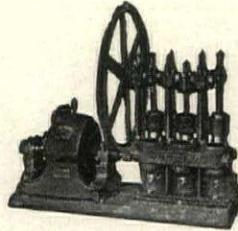
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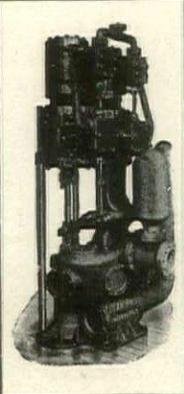
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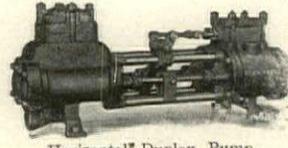
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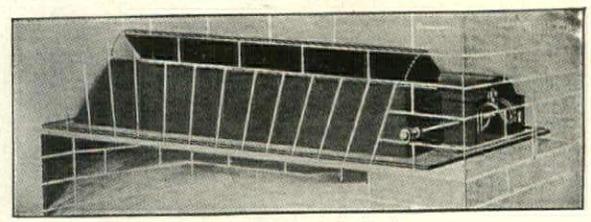
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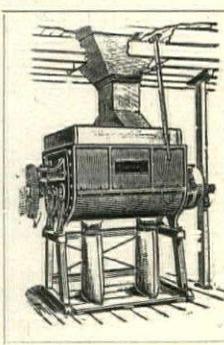
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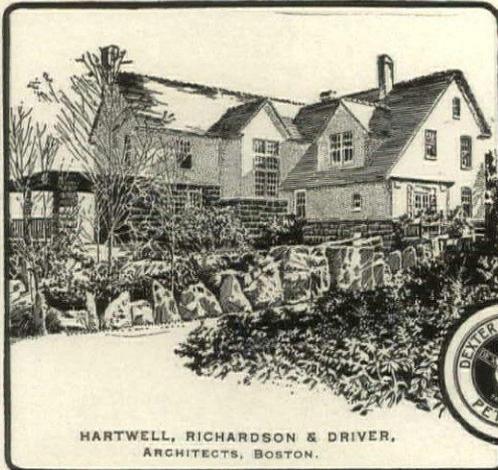
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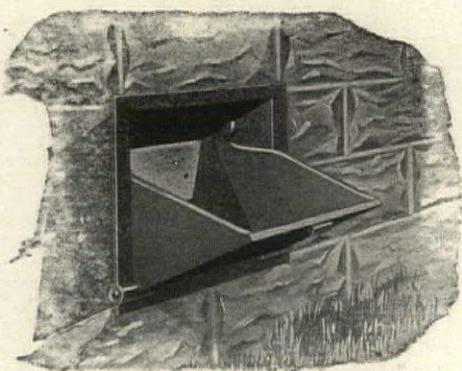


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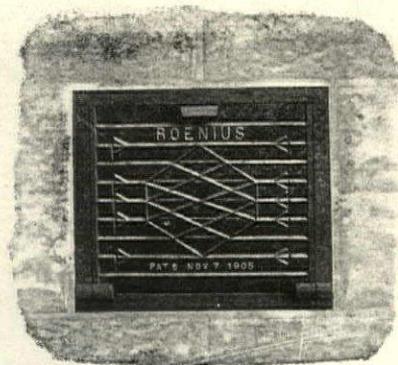
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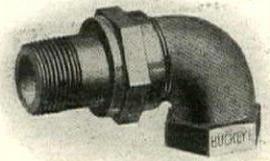


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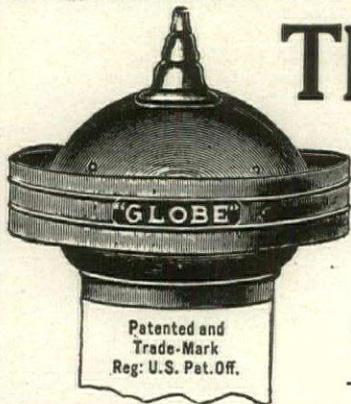
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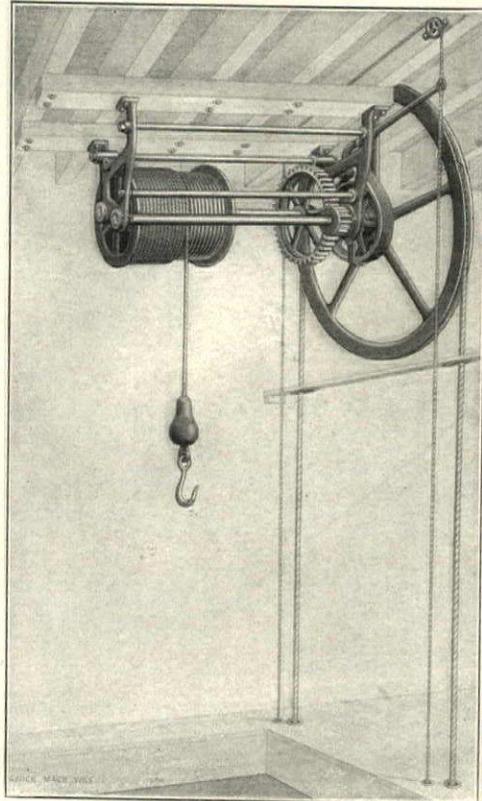
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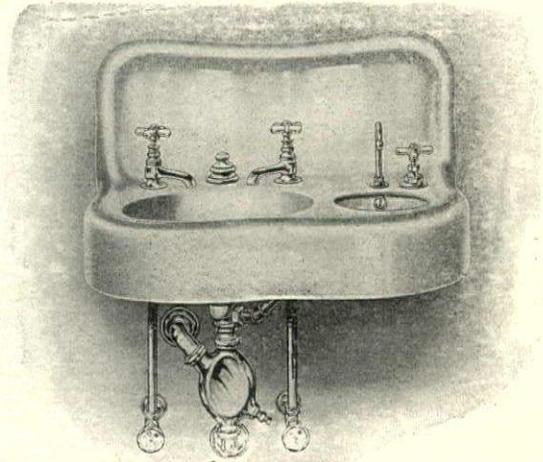


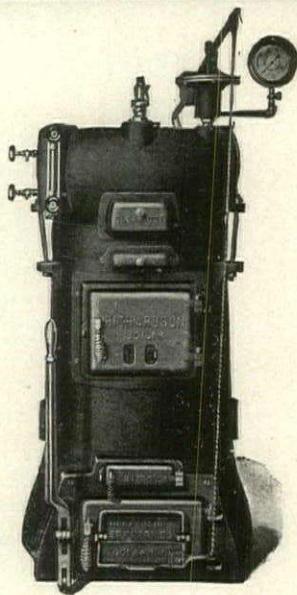
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Depth of apron	5 in.	Enameled all over, less fittings 28 50
Lavatory bowl 12 in x 14 in		Fittings as shown and described, complete. 27 50
Dental bowl	7 1/2 in.	If trap is not wanted, deduct 5 00

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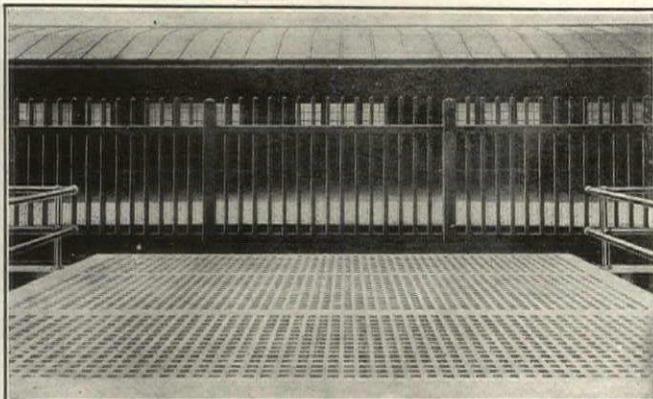
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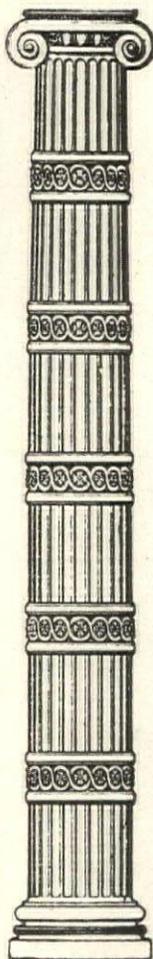
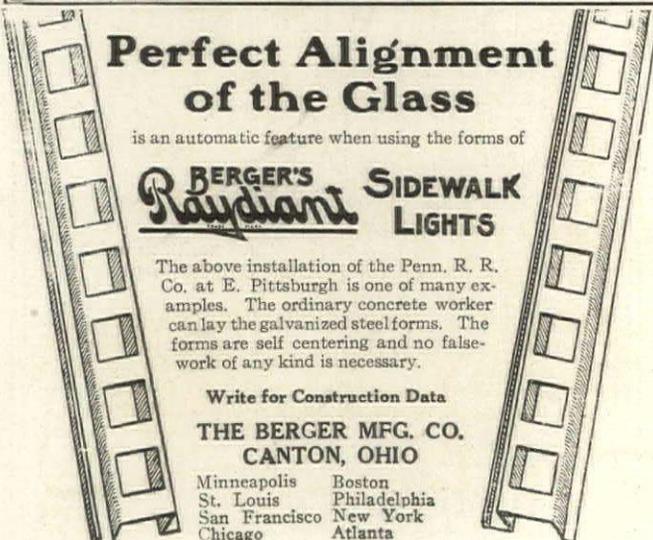
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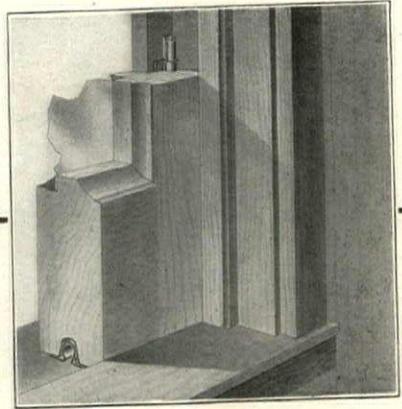
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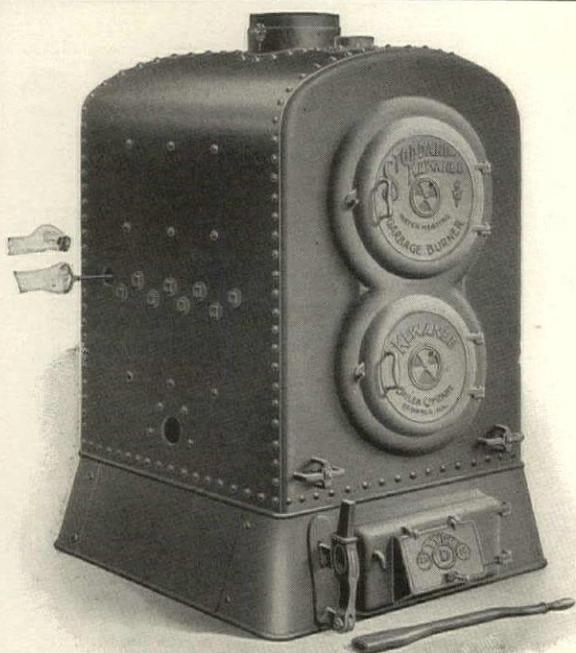
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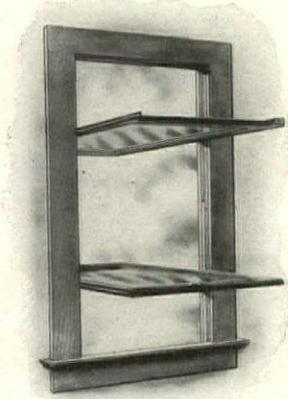
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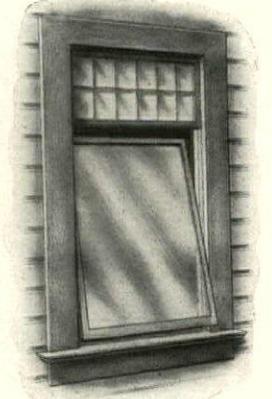
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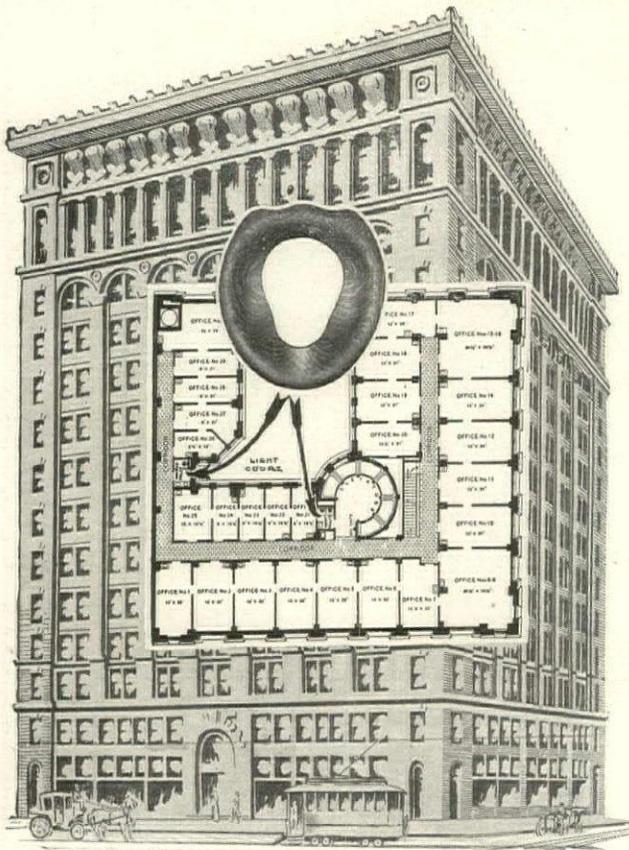
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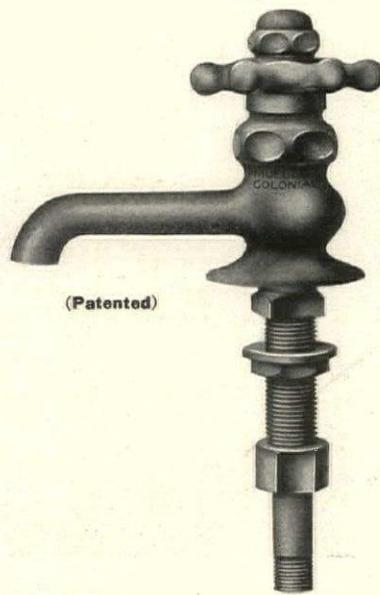
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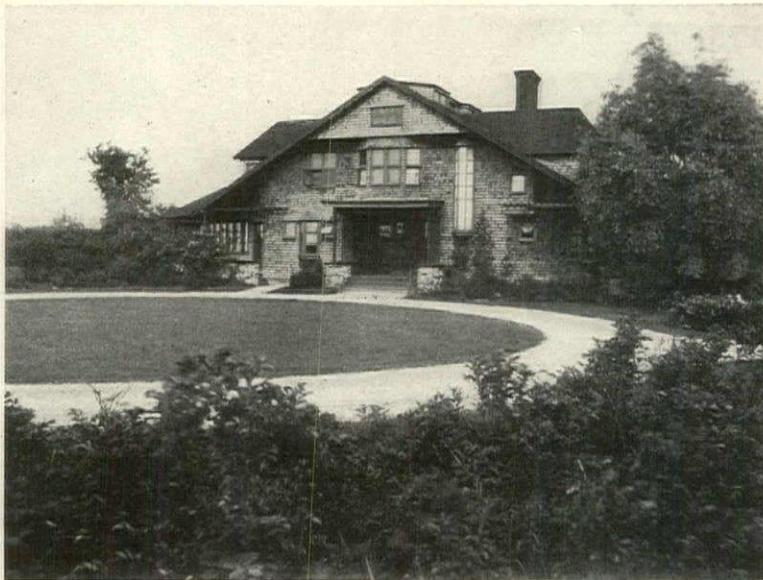
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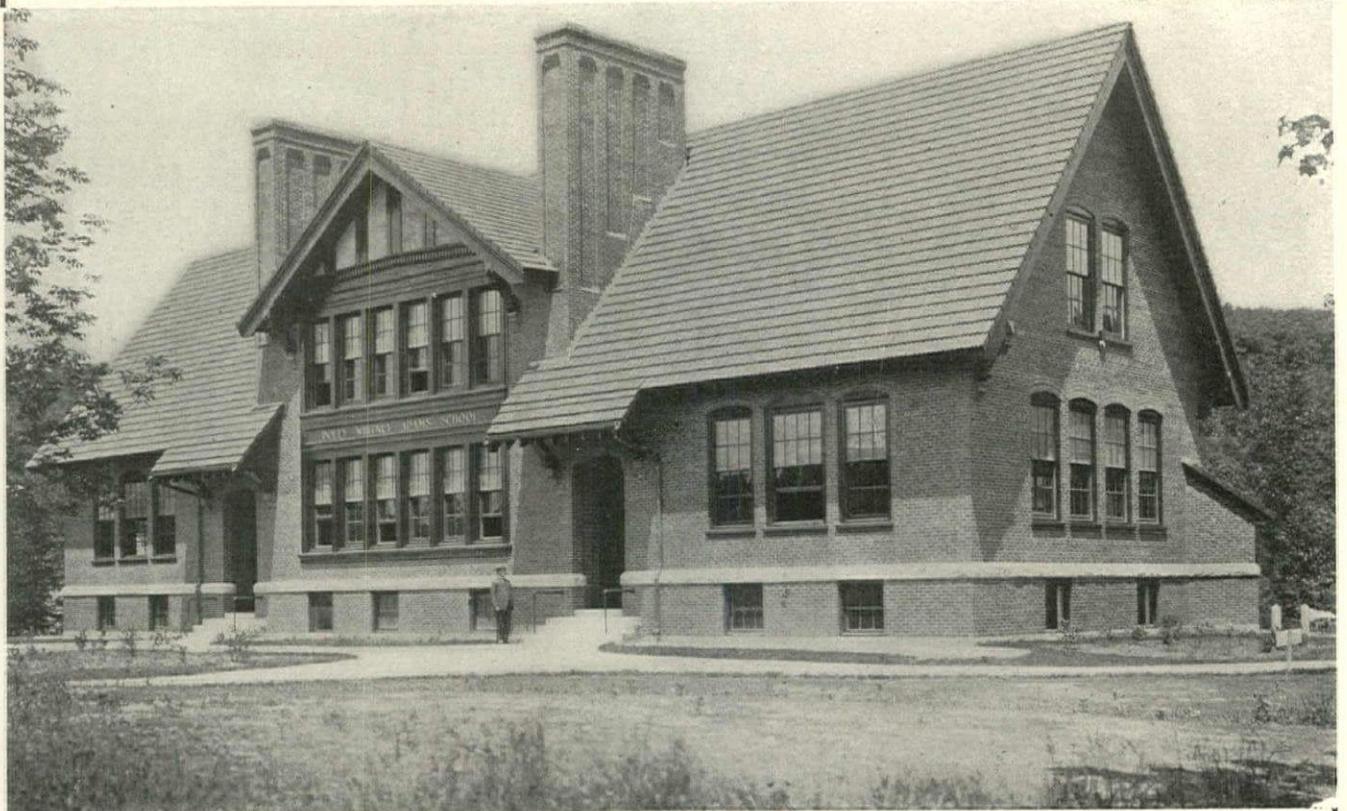
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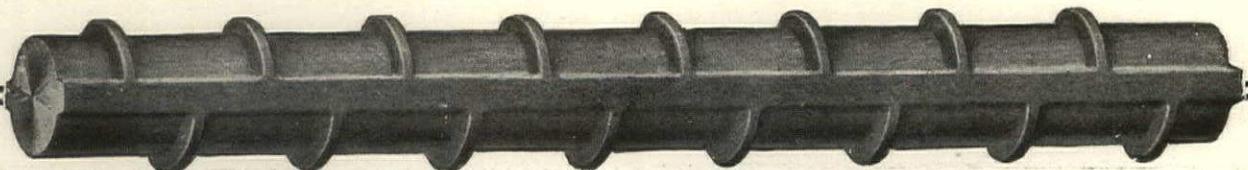
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