

THE  
AMERICAN  
ARCHITECT  
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THIS ISSUE CONTAINS

THE INTERNATIONAL TOWN PLANNING CONFERENCE, LONDON, DESCRIBED BY G. A. T. MIDDLETON, A. R. I. B. A.—RECENT WORK IN DOMESTIC ARCHITECTURE BY MESSRS. ALBRO & LINDBERG

VOLUME XCVIII

NOVEMBER 16, 1910

NUMBER 1821

# DAYLIGHTING

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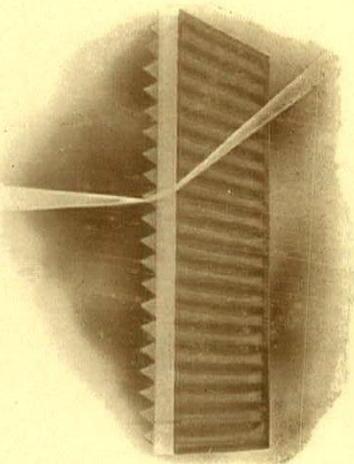


PLATE I. This illustration shows how light rays are bent by means of prism angles.

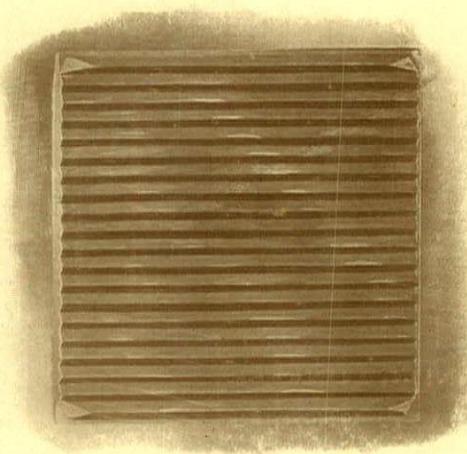


PLATE II. This illustration shows appearance of simple prism square. Note angles on surface.

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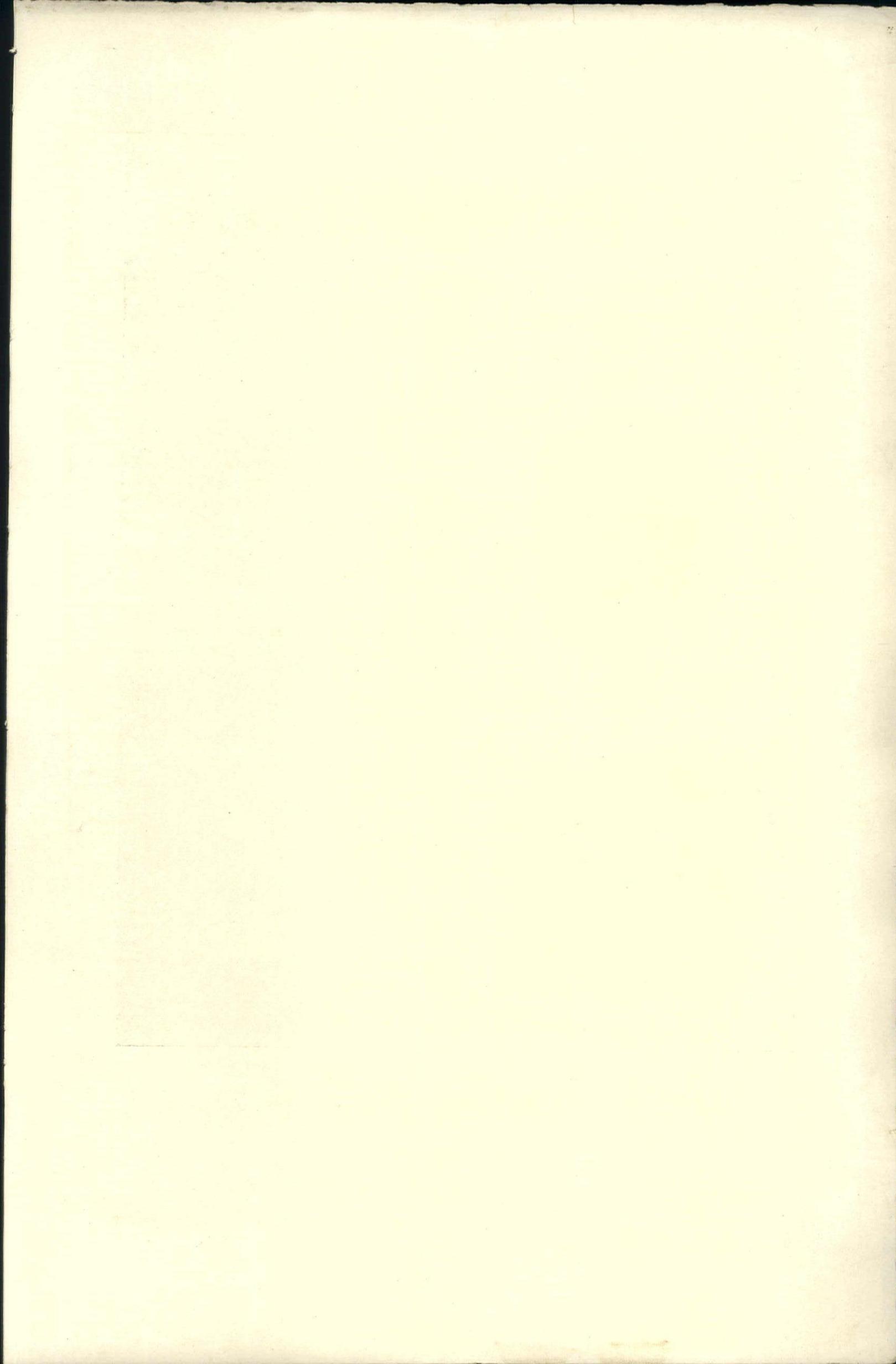
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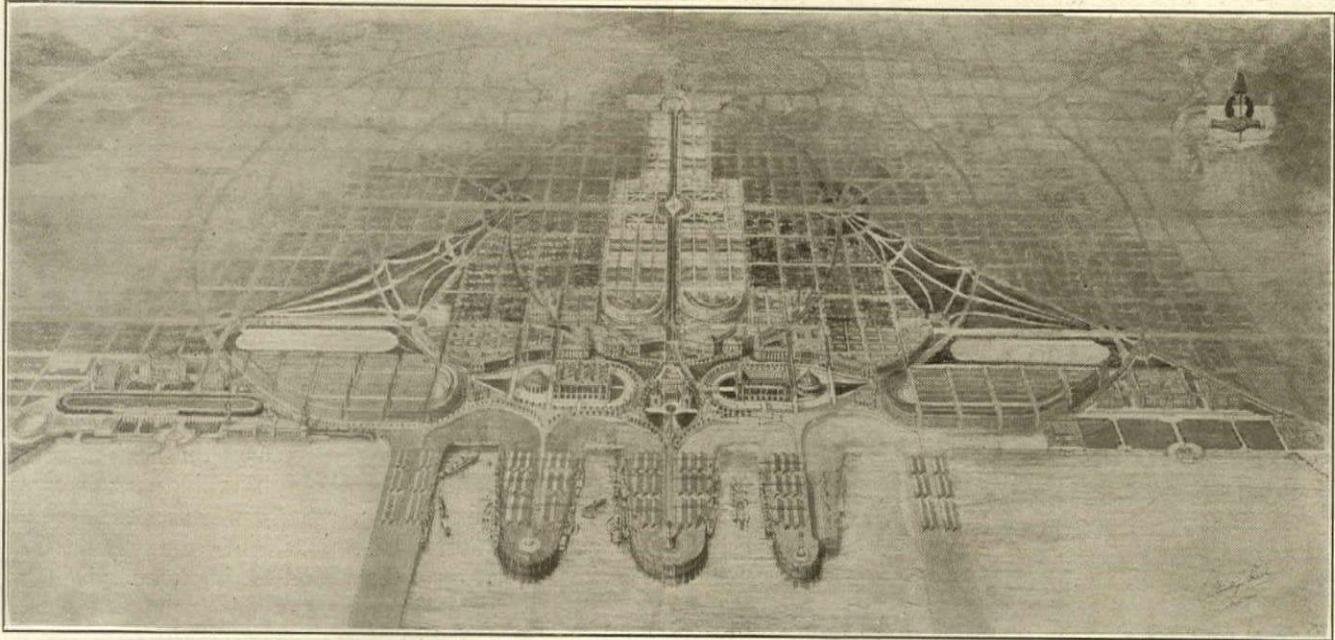
GATEWAY TO THE CITADEL, PERPIGNAN

# THE AMERICAN ARCHITECT

Vol. XCVIII

WEDNESDAY, NOVEMBER 16, 1910

No. 1821



NEW CITY OCEAN PORT, SAMBOROMBON BAY, ARGENTINE REPUBLIC. C. STANLEY PEACH, F.R.I.B.A., ARCHITECT  
(From the Town Planning Conference Exhibition at the Royal Academy.)

Mr. Peach's great scheme for the new ocean port of the Argentine Republic in the Bay of Samborombon is a masterly combination of symmetrical, ring and radial planning, with all important buildings located round the port itself and along the central axial boulevard.

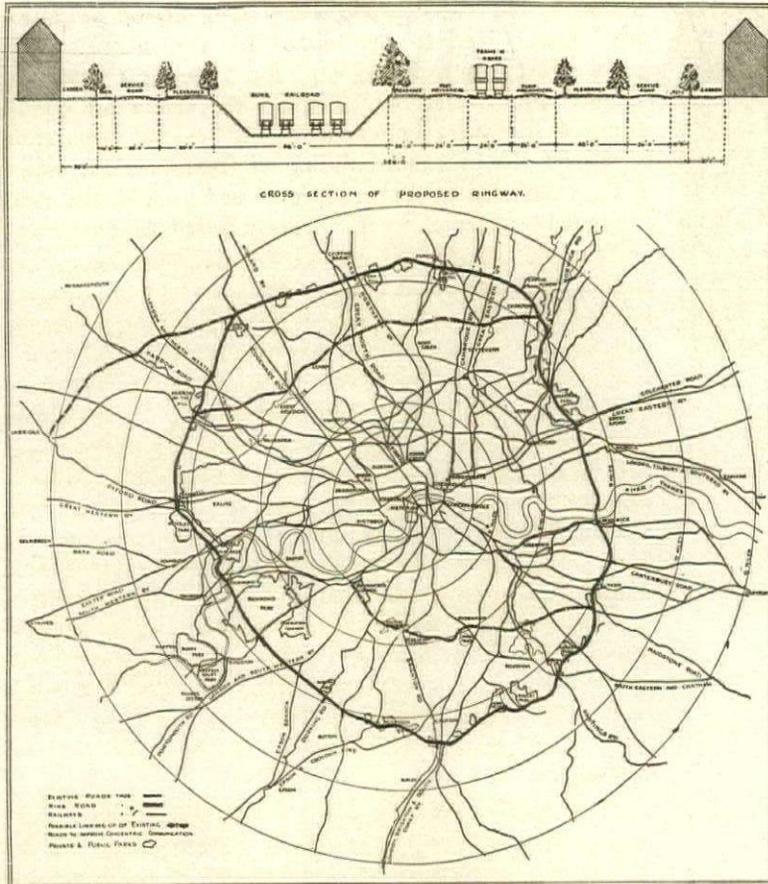
## THE INTERNATIONAL TOWN PLANNING CONFERENCE

BY G. A. T. MIDDLETON, A. R. I. B. A.

**A**N international conference upon the subject of Town Planning was held in London during the week ending October 15. Carefully prepared for and well organized by the Royal Institute of British Architects, it has proved an entire success in every way. It was the immediate outcome of the passing, recently, of a Town-planning Act by the British Parliament, but as a matter of fact the subject has been one which has been growing in importance for many years past, not in one country only but throughout the world, so that delegates were present in considerable numbers from all parts of Europe, from several British colonies and from the United States. It is said that a heavy monetary loss has been sustained by the organizers, but if this be the case it is all the more creditable that the work should have been done so thoroughly. Certainly the money could hardly have been better expended than by gathering together in one focus all the accumulated knowledge that the world possesses upon the subject of Town Planning, and the encouragement of the expression of many views, with the undoubted result of placing our knowledge upon a broader basis. Incidentally, English architects have come into prominence as they never have done before. It is not only

those who have attended the conference who are likely to benefit, but all others throughout the country, and possibly, in the course of time, in other countries also, through the dissemination of the impression that architects are the first folk to be consulted in devising a town-planning scheme, whether it be for the laying-out of a new city or the extension and development of an old one.

Though organically one, the conference was organized in three important divisions, the principal of which consisted in the reading of a series of papers in the galleries of the Royal Institute of British Architects. These occupied the mornings and evenings, and many of them were so well attended that overflow meetings had to be held in a second room, arrangements being made for the same papers to be read twice. Concurrently with the afternoon meetings there were visits to many places of interest from a town-planning point of view; these, too, were mostly well attended, though upon two days the weather was inclement and interfered somewhat with the programme. Concurrently again, there were held three great exhibitions of town planning, the most important of these occupying the Halls of the Royal Academy, while others, much smaller,



MAP AND CROSS SECTION ILLUSTRATING THE SCHEME FOR A CIRCULAR BOULEVARD AT A TEN-MILE RADIUS FROM CHARING CROSS  
(Described by Mr. Pepler at the Town Planning Conference.)

The ring road round London is suggested in order to provide much easier communication between the outer suburbs than at present exists and simultaneously to facilitate rapid motor traffic from one side of London to another without necessarily passing through its crowded thoroughfares. It would be carried almost entirely along what is now vacant land at approximately 6 miles from the center, and would be some 60 miles in length, but already the suburbs extend right up to and beyond it in several directions.

were held at the Guildhall in the City of London and in the Library of the Royal Institute. These were never crowded, yet scarcely anyone who attended the conference failed to see them all, those more intensely interested spending several hours at the Academy, where no less than seven galleries were filled with German plans and nearly three were occupied by exhibits from the United States.

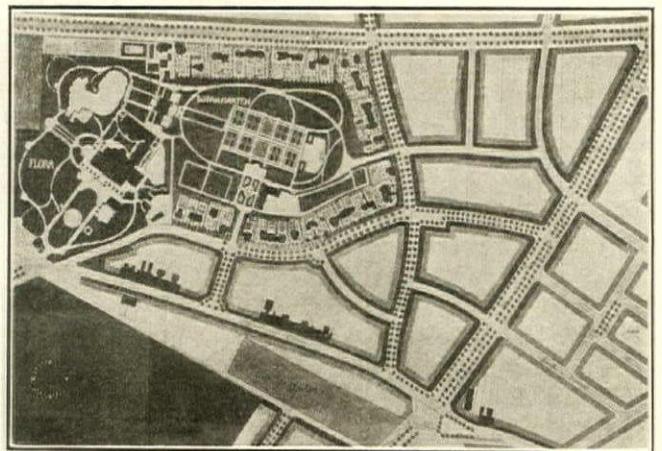
In addition to these three great sections there were also a series of social functions held in the evenings commencing with a conversazione at the recently enlarged rooms of the Institute in Conduit Street on October 10, a dinner being held at the Hotel Cecil on Wednesday, October 12, and a reception being given by the Lord Mayor at the Mansion House on the following evening, there having been also a smaller reception in the afternoon by Mr. Whitelaw Reid at the American Embassy, the attendance at which was limited to 200.

The conference, which was under the patronage of the King of England, was opened on Monday, October 10, by the Right Hon. John Burns, M.P., president of the Local Government Board, at a largely attended meeting in the Guildhall in the City of London. In the course of a long and eloquent speech Mr. Burns

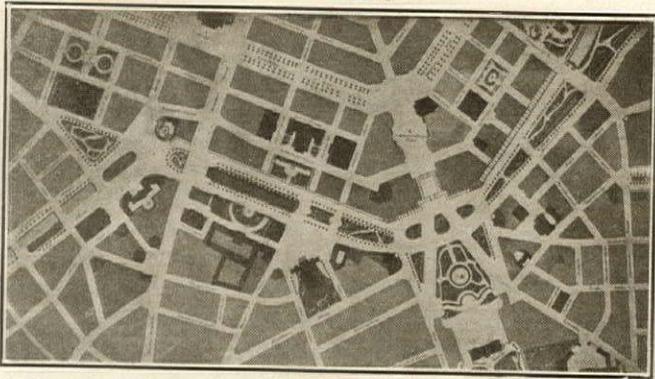
said that in his opinion the development of the citizens' environment was the wisest insurance that a city could make; he did not think that it was possible to have too many bridges, too many wide roads, or too many beautiful buildings, considering how great was the effect of structural environment upon the character, temperament and disposition of the people. Cities, he said, were not mere structures of brick and stone, nor centers only for commerce and trade, but places where utility, comfort and beauty should be combined, so that those who visited them, or passed through them, might have their artistic senses awakened and cultivated. He considered that the gradual reconstruction of a city was a serious matter for all, but disease could not be fought and exterminated unless we admitted the sun and air into our homes and streets. So long as there were squalid courts and rotten tenements, so long would the country continue to turn out nerveless mannikins. If planning were neglected at the beginning, or badly done through timidity or lack of imagination, a burden was placed upon future generations, and eventually the lack of prescience and daring would have to be paid for seven or eight times over.

When the conference settled down to business on Tuesday morning it was found that the papers to be read that day were devoted to the subject of "The Cities of the Past," and these were arranged to be read in something like chronological sequence. Professor Percy Gardner of Oxford opened with a description of the

Hellenic period, showing that the planning of cities in the ancient world went through much the same phases as in modern times; that in many respects the old cities of Greece resembled those of France and Germany before the time of Napoleon, with their narrow winding streets bordered by poor houses; that the private houses



SCHEME FOR THE LAY-OUT OF AREA AROUND THE BOTANICAL GARDENS, COLOGNE, BY DR. REHORST  
(Town Planning Conference.)



PLAN OF A PORTION OF VIENNA, SHOWING LAY-OUT OF A NEW STREET

(Town Planning Conference.)

A few years ago a competition was held for the plan of a new street to be formed through the centre of Vienna. The above is a portion of the accepted scheme.

were mere shelters for the night, while the public buildings were large and splendid. The cities of Asia Minor were, however, more orderly and more stately, and it was the Ionian system which was introduced from the East into Greece itself in the days of Alexander the Great. A Greek city, he pointed out, was surrounded by walls and towers for purposes of defence; it was commanded by an Acropolis; it centered round a market-place; and lastly it consisted of the houses for the inhabitants which were considered subsidiary to all else.

Professor Haverfield, also of Oxford, then followed with an address on town planning in the Roman world, showing on the screen plans of many important cities and also of several smaller ones which had been founded as definite *coloniae* by transplanting complete populations to them at one particular moment. It was interesting to note that these small walled Roman towns, such as Cologne and Trier in Germany, and Silchester in England, were of the chess-board pattern commonly adopted when laying out new cities in America, the unit being the square block, which was of uniform size throughout, and the whole being surrounded with a rectangularly planned defensive wall, having a gate in the middle of each of its sides. Professor Haverfield even went farther and traced this same plan back to some exceedingly remote Chinese examples, yet he said the Romans exhibited a wonderful adaptability to circumstances. In the south of Italy and in Sicily the main endeavor was to seclude the sun; in Northern Europe every effort was made to obtain the full benefit of it. In comparing the Roman rectangular plan, however, with that of a great modern city, one must remember that the Roman *coloniae* were comparatively small, and that they had not to provide for factories or grapple with a smoke nuisance.

Dr. Ashby, director of the British School at Rome, traced the gradual evolution of that great city, but his paper was of antiquarian interest rather than practical value. So, too, was another, by Dr. Brinckmann, of Aachen, upon the foundation of French and English Gothic towns in the South of France, though incidentally both of these papers indicated how close is necessarily the connection between the economic and social conditions of a community and the arrangement of the town in which it lives; how, for instance, the necessity

for defensive walls throughout a long period of European history led to over-crowding and narrow, tortuous streets, until during a period of peace a suburban district would arise outside the walls where the conditions of life were better, involving, as the population increased, the eventual building of fresh *enceinte* walls, and a repetition in the newly enclosed area of the evils previously confined to the over-crowded center.

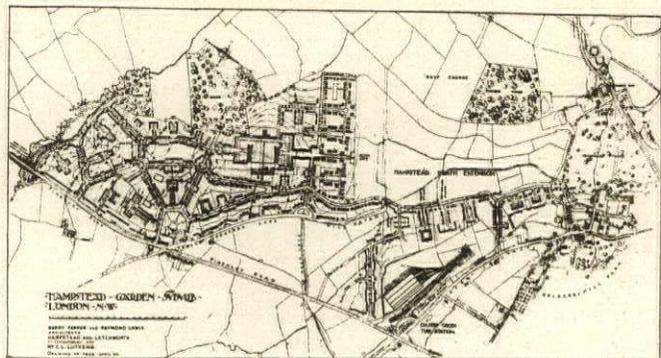
The next paper, or one should, perhaps, better say lecture, was delivered extemporaneously by M. Augustin Rey of Paris, who spoke in French, giving incisively and clearly his views upon the development and extension of cities. He dwelt mostly upon considerations of health, going closely into the matter, and showing that insanitary conditions result from dwelling either in an American "sky-scraper" or a Continental block of dwellings surrounding a small courtyard. He declared that all the problems of housing and town planning are bound up in the doctrine that the prime necessities of human life are abundant sunshine and free currents of air. He then propounded a novel thesis, which formed one of the important and most startling statements made during the conference, which he was also illustrating by means of plans exhibited at the Royal Academy, in relation to which his conclusions are given as follows:

"The penetration of the sun's rays being the primordial condition for the healthiness of buildings, the astronomical study which has been shown in these general lines leads us to conclude that, for our temperate climates: (1) Streets running north and south are eminently healthy; (2) streets at an angle of 30 degrees to a line drawn north and south are healthy; (3) streets inclined at an angle of 45 degrees to the line north and south are moderately healthy; (4) streets running east and west are notoriously unhealthy.

"None of the great cities of the world which have been made the object of this study have ever pre-occupied themselves with the all-important question of the orientation of the streets."

He said that if he had his way he would plan all the inhabited streets to align north and south, and only provide east to west communication for a few traffic thoroughfares; he did not believe in twisting roads.

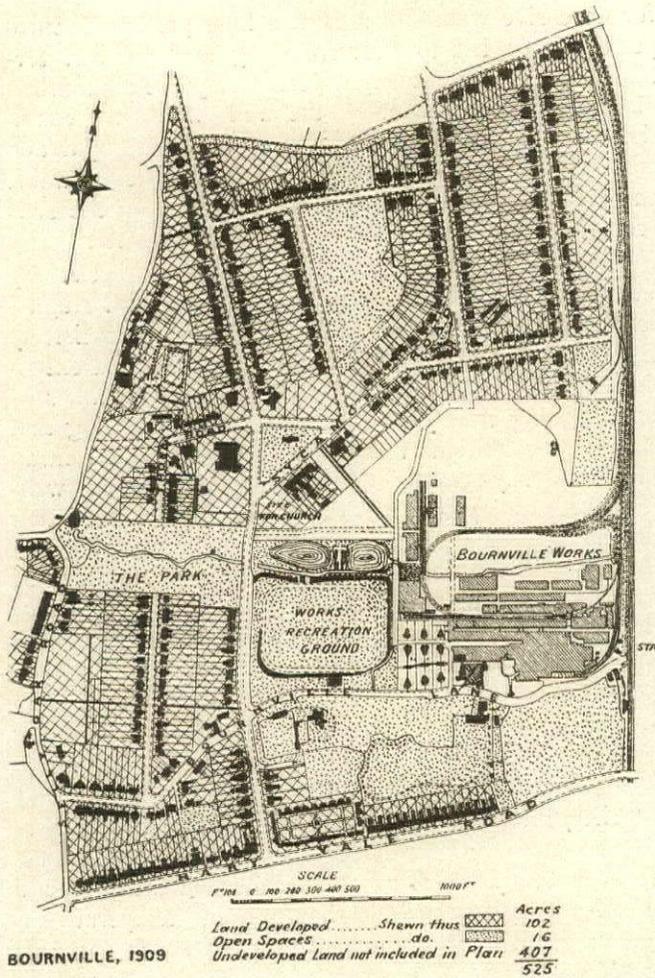
Sir William Richmond, R.A., in a paper read during



HAMPSTEAD GARDEN SUBURB, LONDON, N. W.

Barry Parker and Raymond Unwin, Architects in Consultation with E. L. Luytens.

The Hampstead Garden Suburb is the most successful attempt yet made in England to lay out a large residential estate upon pleasant lines, having regard both to the plan and contour of the ground and with constant thought for good aspects and delightful vistas.



Bournville is a working class village, which has been laid out by the proprietors of the Bournville Cocoa Works exclusively for the housing of their employees in pleasant little cottages, each having a garden of its own, each well designed and built as a home colony.

the afternoon, dealt with some factors in town planning, but the paper lost much through the author being ill and unable to read it himself. Disagreeing with M. Rey, he thought that many geometrical forms other than the circle, oblong or square, such as the oval and ellipse, might be discreetly used with advantage to redeem a plan from obvious monotony and produce unexpected effects of light and shade. Incidentally, he contended that none but accredited architects, who had passed proper examinations, showing them to be fitted as constructors and designers, should be enlisted in the ranks of responsible guides for a town planning scheme.

While this paper was being read in the Great Gallery, Mr. H. C. Dowdell was dealing with the growth of legal control for town development in England, but both this paper and that which followed it, by Mr. C. H. B. Quennell, on town planning and land tenure, were of a highly technical character, and related to matters of little interest outside Great Britain, the condition of affairs being necessarily different elsewhere.

The papers read upon Wednesday, October 12, dealt with "The Cities of the Present," the first being by Professor Baldwin Brown, of Edinburgh, under the title of "Town Planning, and the Preservation of Ancient Features." He declared that in the Northern countries of Europe it is above everything the picturesque or ensemble which charms—winding streets full of surprises such as those of Bruges, Nuremberg or

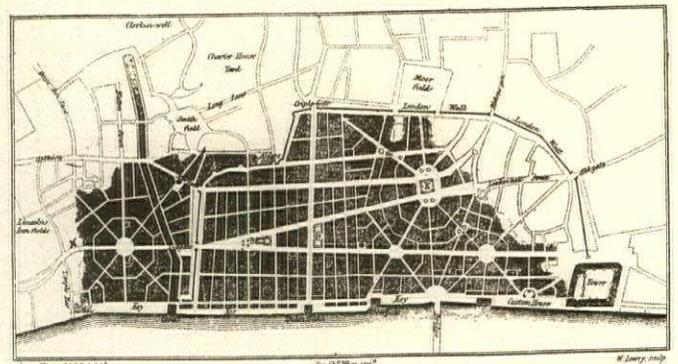
Rothenburg, rather than the more formal roads of Mannheim or Turin.

Following him, Mr. C. M. Robinson, of Rochester, N. Y., spoke of the cities of the present as representative of a transitional period of European development. He said that even in the city of our own remembrance of but little while ago it was necessary that the workman should live near his work, but that this necessity is passing with the quickening and cheapening of urban mechanical transport. He claimed that adequate recognition has become necessary of the tremendous change brought about by the laborers' wish to live away from his work, and his recently acquired ability to do so. He called for the provision of long, straight, broad, radial highways of easy gradient, shortening time and distance to the outer zones, to facilitate the daily ebb and flow of travel and increase the area available for home building. After this the changes would involve a rearrangement of minor streets adjusting them to the needs of the sections which they serve. He contended strongly against the standardization of the width of streets as being often both illogical and extravagant, saying that in most cases it can be absolutely foreseen that given residence thoroughfares will never become business streets, and that the present tendency is to call for a street width which is entirely unnecessary.

Mons. Bonier, who followed, dealt entirely with Paris and the thirty-one by-laws or ordinates which regulate all questions of architecture there, and he again was followed by Mr. H. V. Lanchester, whose paper on "Cause and Effect in the Modern City" emphasized the general English point of view, showing that the Englishman's desire for a house "all his own" did more to fix the type of the English city than any other consideration.

In the afternoon Dr. Lillienberg, of Gothenberg, read a paper on "Town Planning and Legislation in Sweden During the Last Fifty Years," showing that Sweden

(Continued on page 166)



A PLAN FOR REBUILDING THE CITY OF LONDON ACCORDING TO THE DESIGN PROPOSED BY SIR CHRIS. WREN, SHOWING THE SITUATION OF THE PRINCIPAL STREETS AND PUBLIC BUILDINGS.

- REFERENCE. —
- CHURCHES.
  - MARKETS.
  - A WOOD MARKET.
  - B ST. PAUL'S.
  - C DOCTORS COMMONS.
  - D GUILDHALL.
  - EE GOLDSMITHS.
  - F POST OFFICE.
  - G EXCH. OFFICE.
  - H MINT.
  - I ENSURANCE.
  - K EXCHANGE.

Wren's plan for rebuilding the City of London after its destruction by fire in 1666 was unfortunately never carried out—it was rejected by the Commissioners who sat to assess the fire damages in Clifford's Inn Hall, where a large party of delegates to the Town Planning Conference had tea on Oct. 14. It shows that Wren fully recognized the radial, block and ring systems of town planning as now understood, and that he even, probably unconsciously, followed Mons. Rey's suggestion that the wide traffic roads should mostly run east and west, while the residential streets ran north and south.

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Gateway to the Citadel, Perpignan.	

## THE FIRE HAZARD

THE loss of property by fire in the United States—\$250,000,000 annually—is out of all reason. Making every possible allowance for the large number of wooden structures still remaining from the period when wood was our chief building material, the number of total losses is still excessive, and an examination of the causes shows them to be, in nearly every instance, preventable. It is nothing less than gross carelessness and criminal negligence that lead to this enormous property waste and to the sacrifice of many human lives, as well. Architects could do much to aid in reform in this matter if they would advise themselves of the records and conclusions of the insurance people. The *Quarterly* of the National Fire Protection Association contains the essentials of the situation and could be read with profit by every practising architect. In advising clients architects should steadily set their faces against hazardous construction and advocate, intelligently, fireproof buildings, of whatever type. It is especially worth while to recall a fact noted by the National Board of Fire Underwriters, in the report of a special committee to the recent annual convention of that body, and the public should be brought to understand that property destroyed by fire is gone forever and is not replaced by the distribution of insurance, which is a tax collected for the purpose.

## STIMULATING THE CLIENT

THE development of architectural art in America is making steady progress toward better things, but the rate of progress would be materially hastened if more pains were taken by architectural societies to hold public meetings from time to time at which papers, illustrated in an interesting way and addressed to laymen rather than practitioners, should be made the main feature of such meetings. The American public, partly

through foreign travel but partly, also, from the influence of well-educated architects upon individual clients, is becoming more appreciative of good work. There seems no good reason, however, why such individual effort should not be supported by a concerted attempt on the part of professional societies everywhere in the same direction and in the manner suggested.

It is not difficult so to present the architect's point of view in an intelligent and interesting way, and addresses by architects of prominence in every locality on those fundamental questions which affect intimately present-day architecture would (we speak from experience) produce very definite results and greatly enhance the pleasure which results from intelligent and sympathetic co-operation on the part of appreciative clients.

## ANCIENT TOWN PLANS

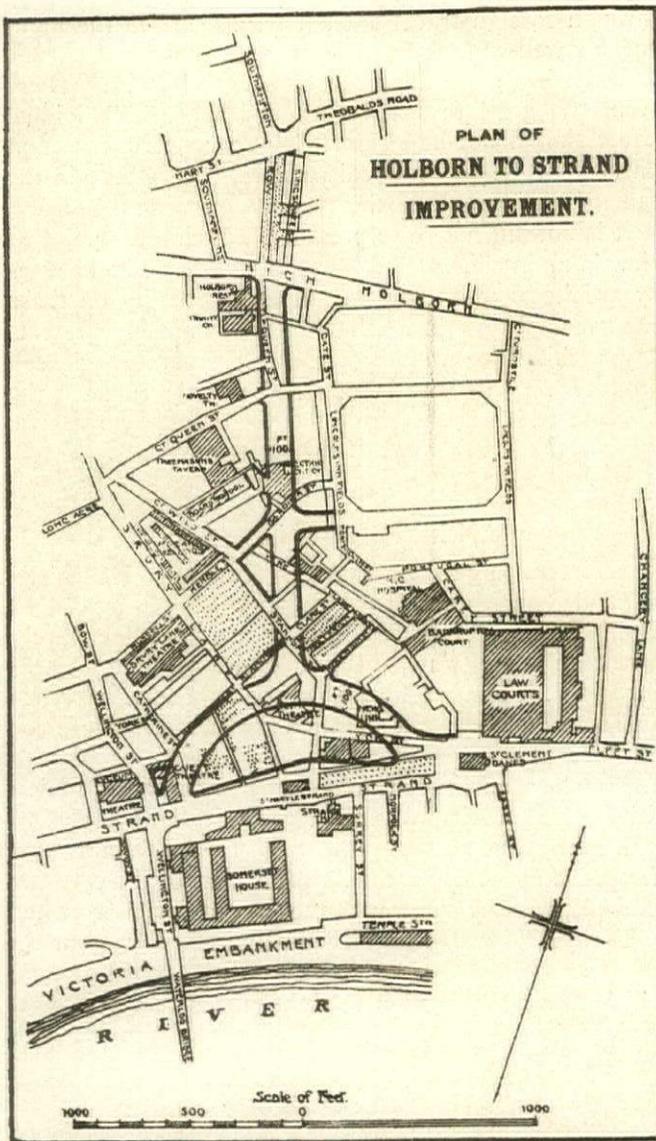
IT is interesting to note that the planning of Hellenistic and Roman cities in the majority of cases proceeded on what, in modern times, have been regarded as purely American lines. The papers of Professors Percy Gardner and F. J. Haverfield, read at the London Conference on Town Planning, call attention to this fact. Professor Gardner points out that while the older Greek cities consisted of narrow, winding streets, the later Ionian cities were all planned with streets at right angles to each other "and the convenience of the inhabitants was the principal consideration." The plan of Priene, for example, was arranged with the "agora" or civic center in the middle, while on all sides the town was cut up into square blocks of uniform size by straight streets, which crossed each other at right angles, "suggesting a modern American city rather than one belonging to the centuries before Christ."

## DESIGN IN CONCRETE

THE *Engineering Record*, in a recent issue, very properly calls attention to the necessity under which architects lie of depending chiefly upon proportion for their expression in the design of concrete houses, since minor decorative detail is excluded by the nature of the material. This will be good discipline for men who, as suggested recently in these columns, have been working under the misleading impression that decorative detail is a major rather than a minor adjunct of exterior design, and the growing vogue of concrete is, therefore, bound to have an excellent influence. The writer of the article referred to himself labors under a mistaken impression regarding the fundamental nature of the element of proportion in design. Proportion does not concern itself whether the major axis of the façade is horizontal or vertical. The problems differ, but not the method of solution. The paragraph alluded to is as follows:

"The office building erected on a little plot of land, necessarily towering far upward in order to become even moderately profitable to its owner, is a structure in which any harmony of proportions is out of the question."

This mistaken idea is not uncommon among those who are not trained in architectural design.



The Holborn to Strand Improvement, now carried out, indicates what costly and extensive alterations are eventually needed if a city is originally allowed to grow up in haphazard fashion.

(Continued from page 164)

had, in some respects, taken the lead of all other countries, having passed an Act in 1874 providing that every town must formulate a town extension plan and giving power to any municipality to carry out extensive improvements in the older part of a town.

Professor Adshead, of Liverpool, dealing with city improvements, put in a plea for planning on a large scale. He said that a great city must concentrate its interest at points and not spread it about with reckless waste; that it must have wide streets, wide sidewalks, and big buildings simply composed. He contended that it is only by a bigger comprehension of the subtleties of design that we can hope to get better scale in the architecture and composition of our towns.

While Professor Adshead was speaking thus in the Great Gallery, Mr. G. L. Pepler was talking about "Greater London" in the East Gallery, and was putting forward another of the great ideas of the conference, claiming primarily for London, but incidentally for all large towns, that there is need for ring streets or boulevards more or less concentric, to provide for easy communication between the various suburbs without neces-

sarily passing to the heart of the city and out again, with, of course, radial communication from the rings to the center, and ample cross communication by way of side streets over the intervening spaces. He produced a plan showing how such a ring boulevard could be cheaply provided round London along approximately the nine mile circle. Later in the afternoon Mr. R. Evans put in a plea for the restraint of advertising in such a way as to disfigure growing cities.

On the morning of Thursday, October 13, Mr. W. E. Riley, the architect of the London County Council, read a paper on "City Development," which was given up to a great extent to statistics, showing how, until recently, it has been impossible to prevent good schemes for development of suburban areas being blocked by the selfishness of particular owners whose desire has been to crowd the land with rent-producing tenements, complying with the bare minimum prescribed by the building law.

In a subsequent address by Herr Dr. Stübgen, of Berlin, on "Recent Progress in German Town Planning," it was pointed out that generally there is a tendency now towards formal town planning which looks well upon paper—just when the Germans, who had experimented in that direction for the last twenty years, were beginning to abandon it, having come to a recognition that it is not always applicable. He even went further, saying that the Germans favored straight lines and a uniform style until the eighties, and then abandoned these in favor of eccentric curved forms, while now they are coming back to a more sober conception, estimating curved and straight lines, symmetry and the unsymmetrical at their more true value.

Later on Colonel Plunkett and Mr. T. H. Mawson both dealt with various phases of the planning of parks and open spaces.

On Friday, the last day upon which discussions took place, the general subject was that of "The Cities of the Future." This was dealt with, so far as England was concerned, by Professor Reilly, of Liverpool, and by M. Hénard from the French point of view, taking as his title "Les Villes de L'Avenir." Two opposing views were also put forward by Mr. Burnham, of Chicago, and Mr. Cope Cornford, the latter speaking very strongly against the use of the rectangular plan intersected by long main diagonals, saying that it has produced a series of awkward corners whose architectural treatment is practically hopeless. He called for right-angle junctions to all main streets, even if twisted connecting roads were involved, for, as he said, what looked well upon paper as a plan did not always work out best in actuality.

In the afternoon the principal papers were upon the planning of Khartoum and Omdurman and upon the new federal capital of Australia, by Messrs. McLean and Sulman, respectively; but it is doubtful whether the over-filled room was due so much to the papers themselves as to the fact that the chair was occupied by Field Marshal Lord Kitchener, who received a wonderful ovation as he entered. Two papers were read in the East Gallery by Mr. H. H. Statham and Mr. Arthur Crow, in which suggestions were put forward for the treatment of Trafalgar Square, and for town planning in relation to old and congested areas.

## REVIEW OF CURRENT ARCHITECTURAL PRESS

*The Brickbuilder* for September continues its series of articles on Acoustics by Mr. Hugh Tallant. Like all elusive problems, acoustics is attractive. We read, "In the case of a new building the preliminary sketches should be laid out with a general view to acoustic as well as architectural requirements."

In the case of an old building the author regards the problem as simplified to the extent that its acoustic shortcomings are already in evidence. The most dangerous defects are "insufficient or excessive loudness; indistinctness due to interrupted vibration; indistinctness due to sound interference; echo; and insufficient or excessive reverberation." These are all successively taken up and considered.

The subject of sanitary buildings with particular reference to those recently erected in the city of Boston is treated in an unsigned article, illustrated by views of buildings designed by Messrs. Stickney & Adams.

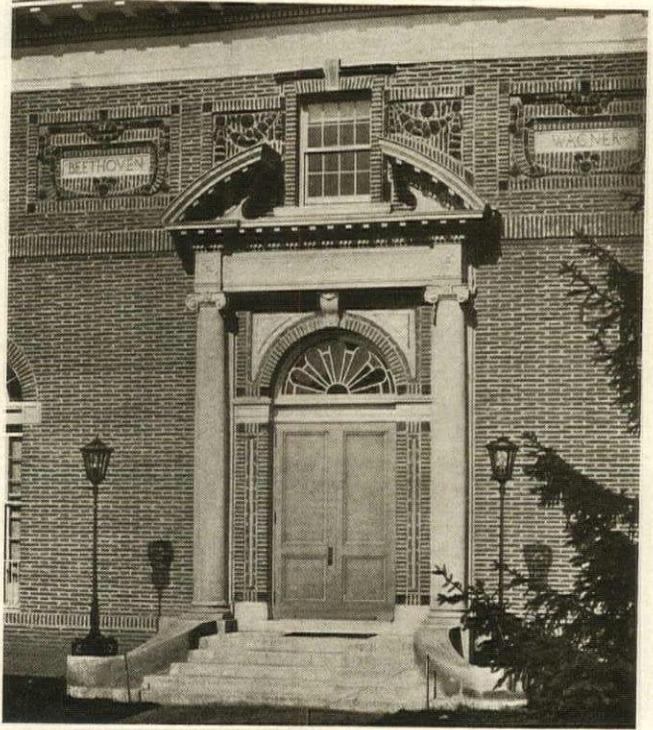
In an article on Hospital Planning by S. S. Goldwater, M.D., Superintendent of the Mount Sinai Hospital, New York, while conceding the correctness in theory of the provision for each patient of the environment best suited to his condition and need, believes that economic necessities will continue to compel the housing of a majority of patients in large wards. Doctor Goldwater has presented the subject along these lines and embodies in his article many practical suggestions.

Mr. W. B. Bamford contributes an article on "A Contract Between Architect and Owner," in which is included a form of agreement. This is in the nature of a series of suggestions which should be incorporated rather than a form for universal use.

A detailed list of the illustrations in the September *Brickbuilder* will be found elsewhere in this issue.

In an editorial in the *Western Architect* for October the editor regards the appointment of a Commission of Fine Arts for the District of Columbia as a solution for the Capital City of the problem of harmonization of civic centers. We quote: "The heterogeneous and hodgepodge erection of skyscrapers, laying out of walks and planning of apartment buildings without regard to neighboring structures as exemplified by many of the principal sections of New York, Chicago and Philadelphia is to be foregone in Washington."

The suggestion recently made by Colonel Roosevelt that a statue be erected to the memory of the late



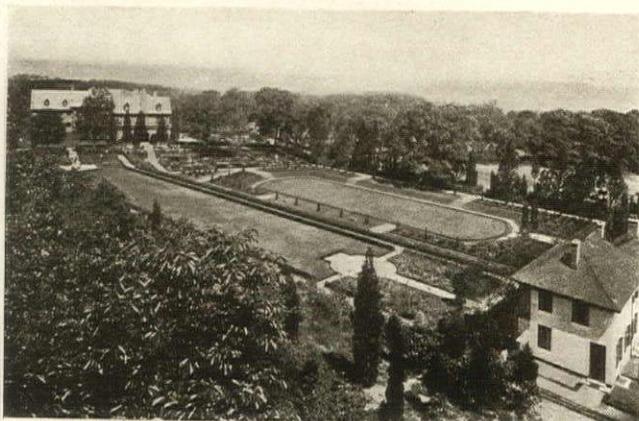
Russell Sage Hall, Northfield Seminary, Delano & Aldrich, Architects

(From *The Western Architect*.)

Frederick Remington is warmly indorsed. Writing of Remington's contribution to what may be truly styled American Art, we read, "His types were American types; the very quintessence of border life. It is fortunate for America that out of the hustle and jam, the commercial strife and materialistic battle, the man Remington seized the golden opportunity to crystalize the artistic elements of the time in bronze and on canvas."

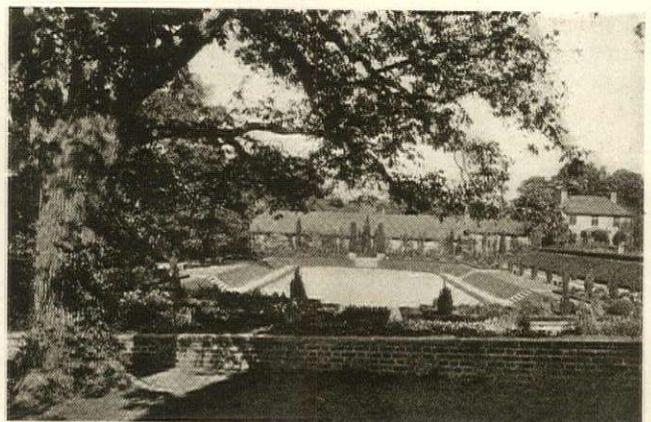
Mr. Milton Dana Morrill has contributed an article to this issue on "Inexpensive Homes of Reinforced Concrete." He premises: "The inexpensive sanitary home is an essential element in the solution of the problem of congestion. We cannot spread our population unless we can furnish suitable homes within the rent-paying power, or better, within the purchasing power of our masses."

The article is a plea for the simplest and most rational forms for the material combined with correct



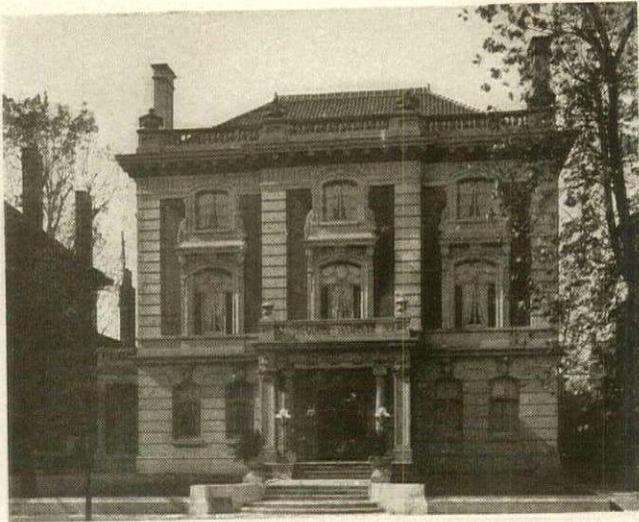
House and Garden at Oyster Bay, L. I., N. Y., Carrère & Hastings, Architects

(From *The Brickbuilder*.)

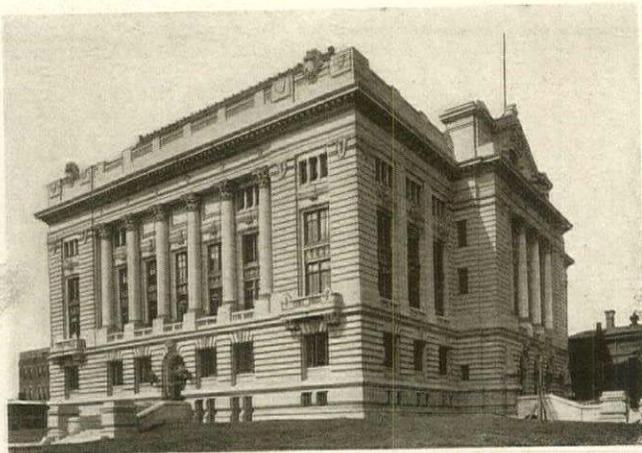


House and Garden at Oyster Bay, L. I., N. Y., Carrère & Hastings, Architects

(From *The Brickbuilder*.)



Residence of E. H. Ferguson, Louisville, Ky., Kenneth McDonald & W. J. Dodd, Architects  
(From *The Western Architect*.)



Hudson County Court House, Jersey City, N. J., Hugh Roberts, Architect  
(From *The New York Architect*.)

proportion and well-defined standards of line and color. Along these lines the author presents a well-written argument, and shows as illustrations several types of houses and their floor plans, which have been recently erected, as showing a rational tendency toward inexpensive, well-designed houses.

An article entitled, "The Fire-proof House as the American Type," appears mainly as a vehicle to carry numerous illustrations of house designs by a firm of New York, most of which were fully illustrated in *THE AMERICAN ARCHITECT* some time ago.

The illustrations in *Architecture* for September are of the accepted design by Messrs Palmer & Hornbostel for the Oakland, Cal., City Hall, and the recently completed Union Theological Seminary in New York. Messrs. Allen & Collens, architects. The latter subject was, as to its exterior, very fully presented in *THE AMERICAN ARCHITECT* of October 12, 1910. In addition to very complete criticisms of the subjects illustrated, the text contains an article by Mr. Albert Moyer, Associate of the American Society of Civil Engineers, on Stucco. The author, after a short reference to the archaeology of stucco, gives formulæ for various finishes to the final coat, its proper mixture and specifications

to meet various conditions of exposure and temperature.

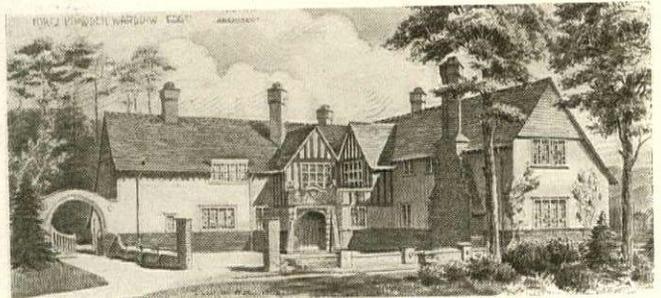
While most of the topics discussed have had previous publication in the technical press, it will be found convenient to have them grouped, as in the present instance, in one article.

*The International Studio* for November continues its series of illustrated articles on Recent Designs in Domestic Architecture. The illustrations present a good appreciation of the handling of exterior materials in accomplishing a well-balanced design. Particularly in the planning are these examples of moment. To say that the English architect has profited by the example set by his American brother may not be well received on the other side of the Atlantic, but in the present instances we detect a plan that is something of a departure from the English style and more in accordance with modern domestic habits.

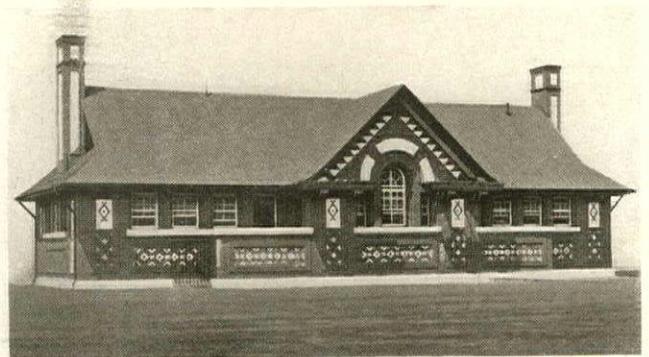
This issue contains articles on Frederic Crowninshield, director of the American Academy in Rome, Mr. Arthur Hoeber's appreciation of the work of John C. Johansen, the usual entertaining Studio Talk, and many illustrations (all good) and notes of current work in the field of art.

*The New York Architect* for October confines its illustrations to the Hudson County Court House, Jersey City, N. J., of which Mr. Hugh Roberts is the architect. The text contains the first of a series of articles on "The Achievement of American Artisans," and an account of the recent movement of the Fifth Avenue Association toward guiding architecture on that thoroughfare. This interesting project was fully outlined in an interview with Mr. John M. Carrère, printed in the *AMERICAN ARCHITECT* some weeks ago.

We have received no issue of *The Architectural Review* since that of February, 1910.



House at Cowden, Kent, G. L. Sutcliffe, Architect  
(From *The International Studio*.)



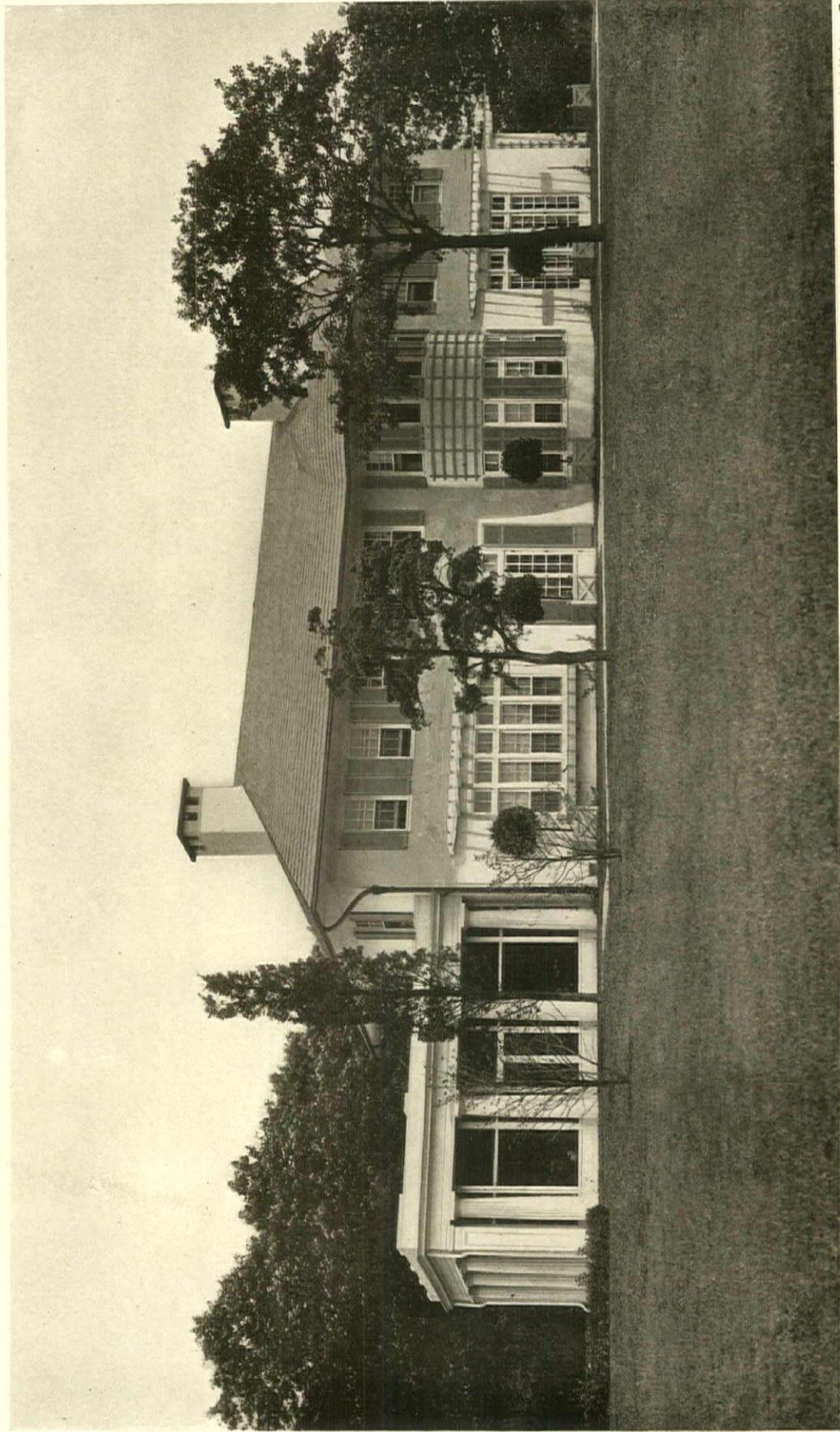
Sanitary Building at Columbus Ave. Playground, Boston, Mass., Stickney & Austin, Architects  
(From *The Brickbuilder*.)



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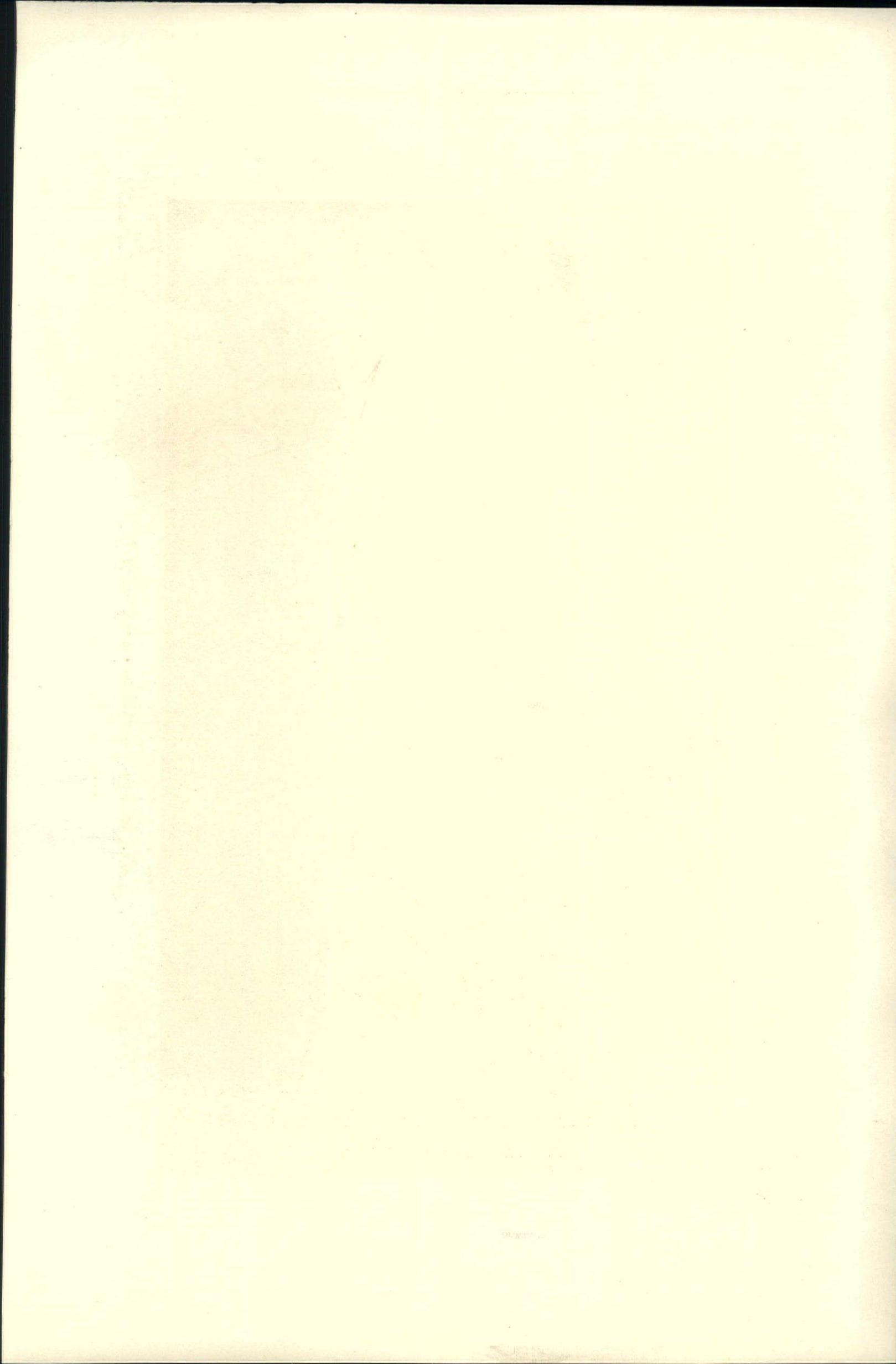
NOVEMBER 16, 1910



RESIDENCE OF MR. CARLTON MACY, HEWLITT, L. I.

MESSRS. ALBRO & LINDBERG, Architects

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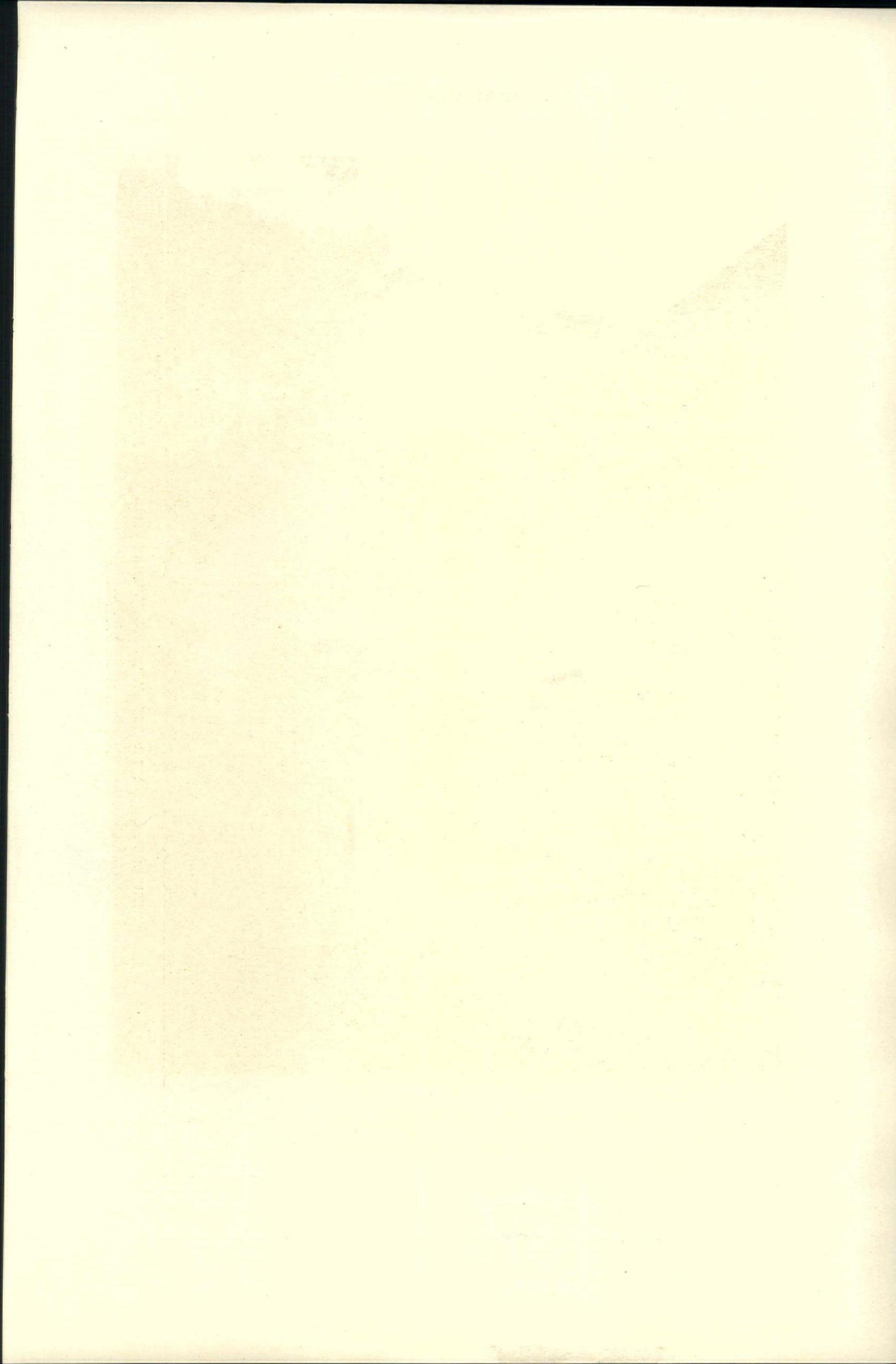




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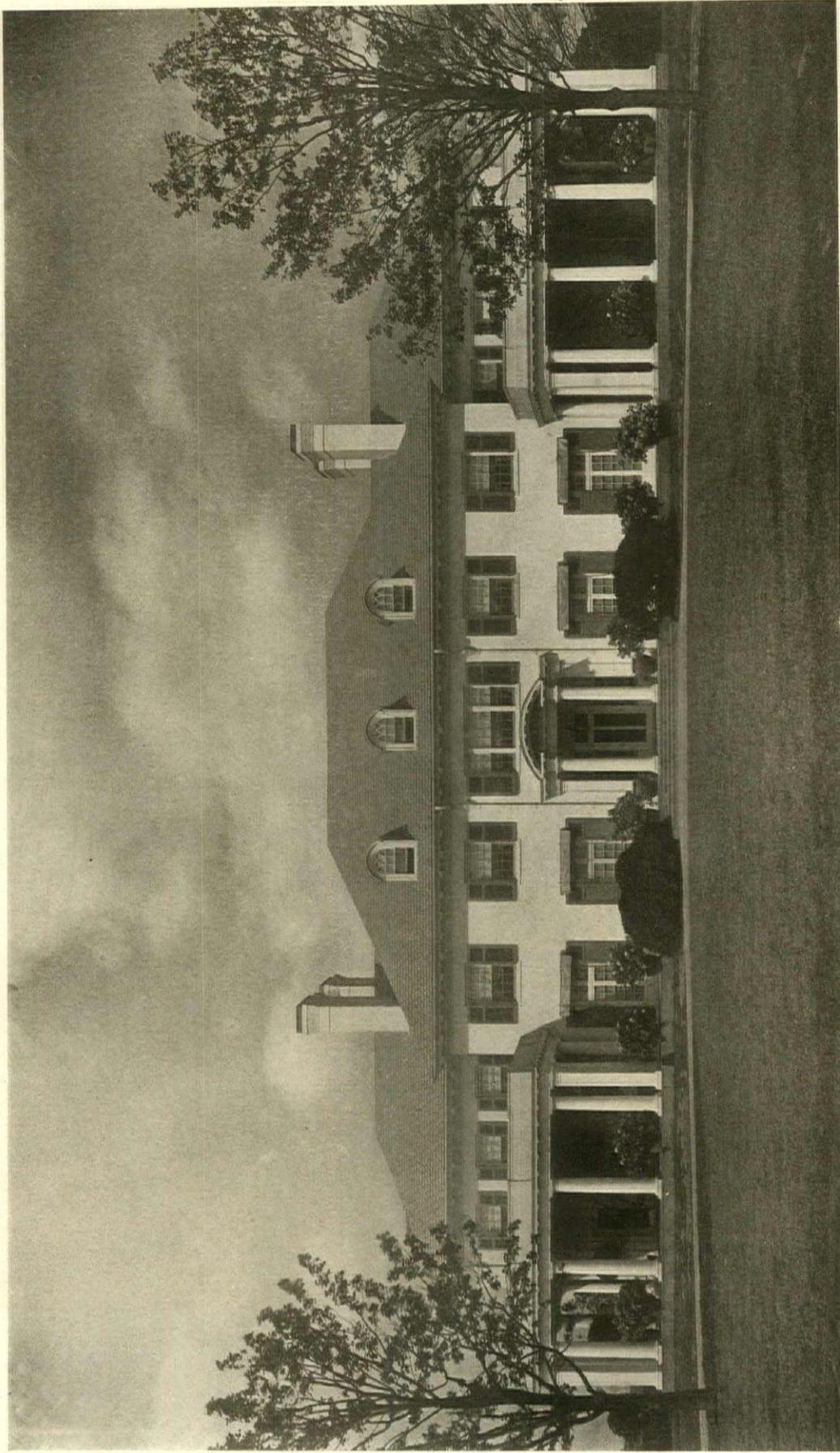
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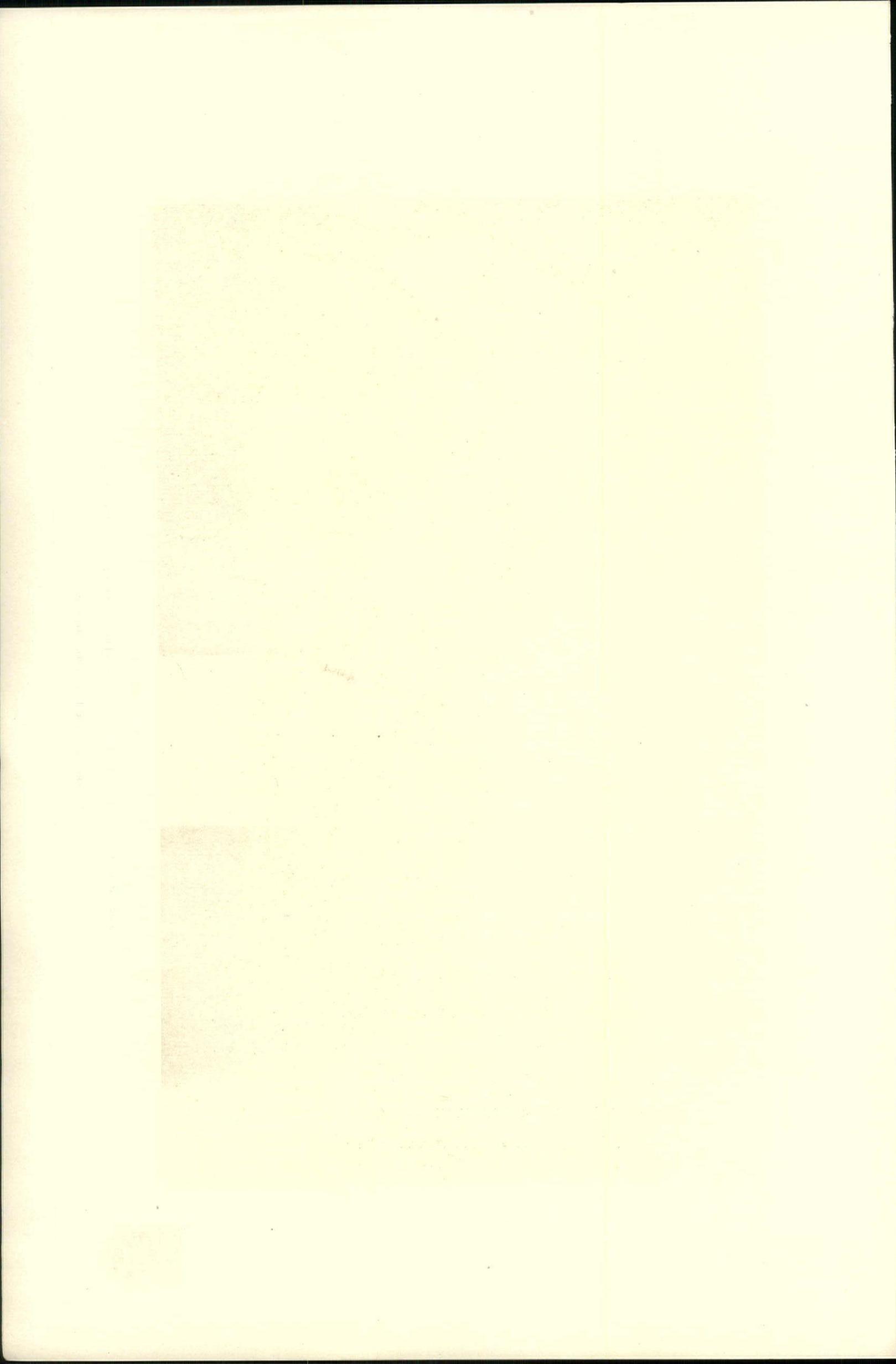
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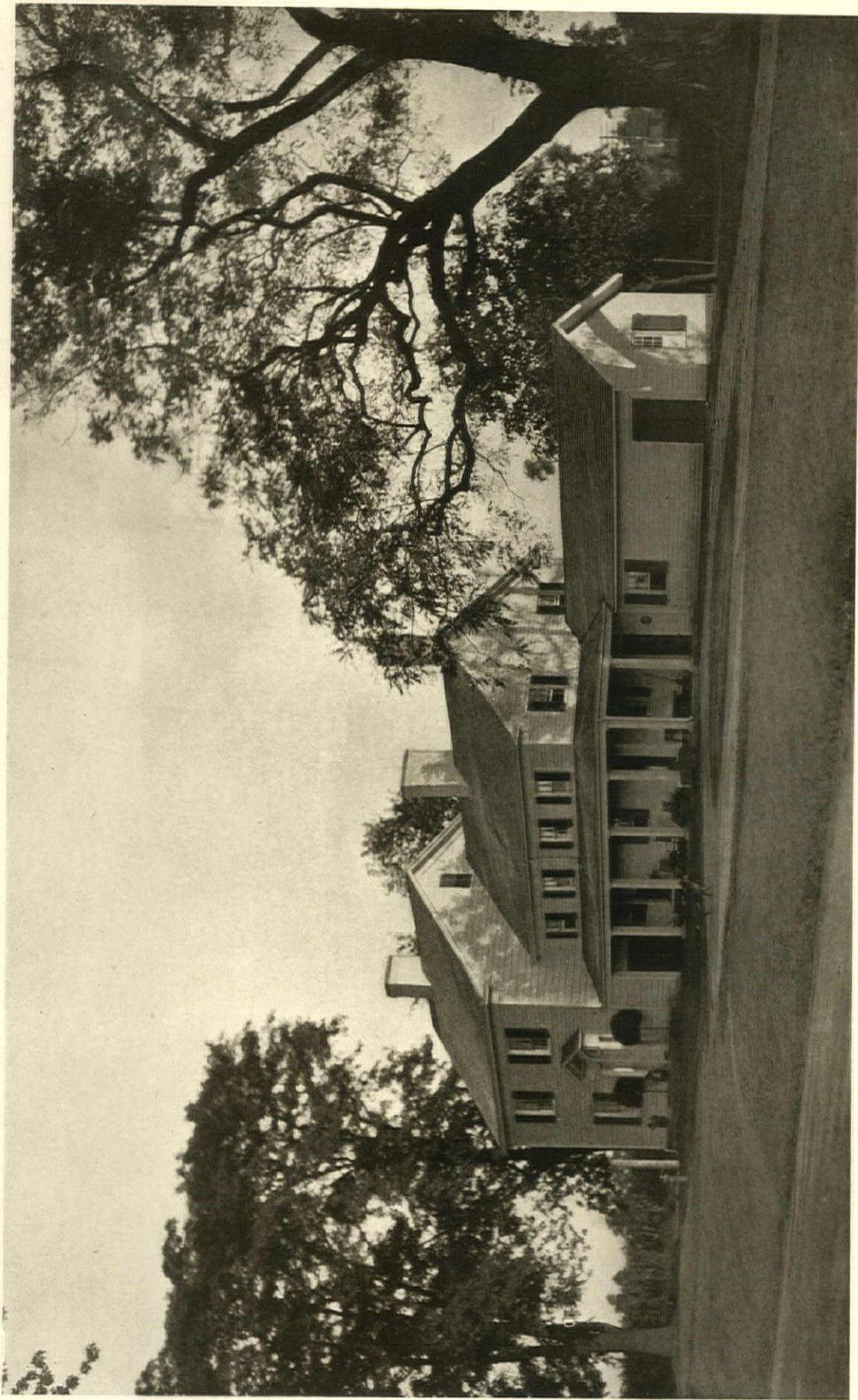
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FARM COTTAGE

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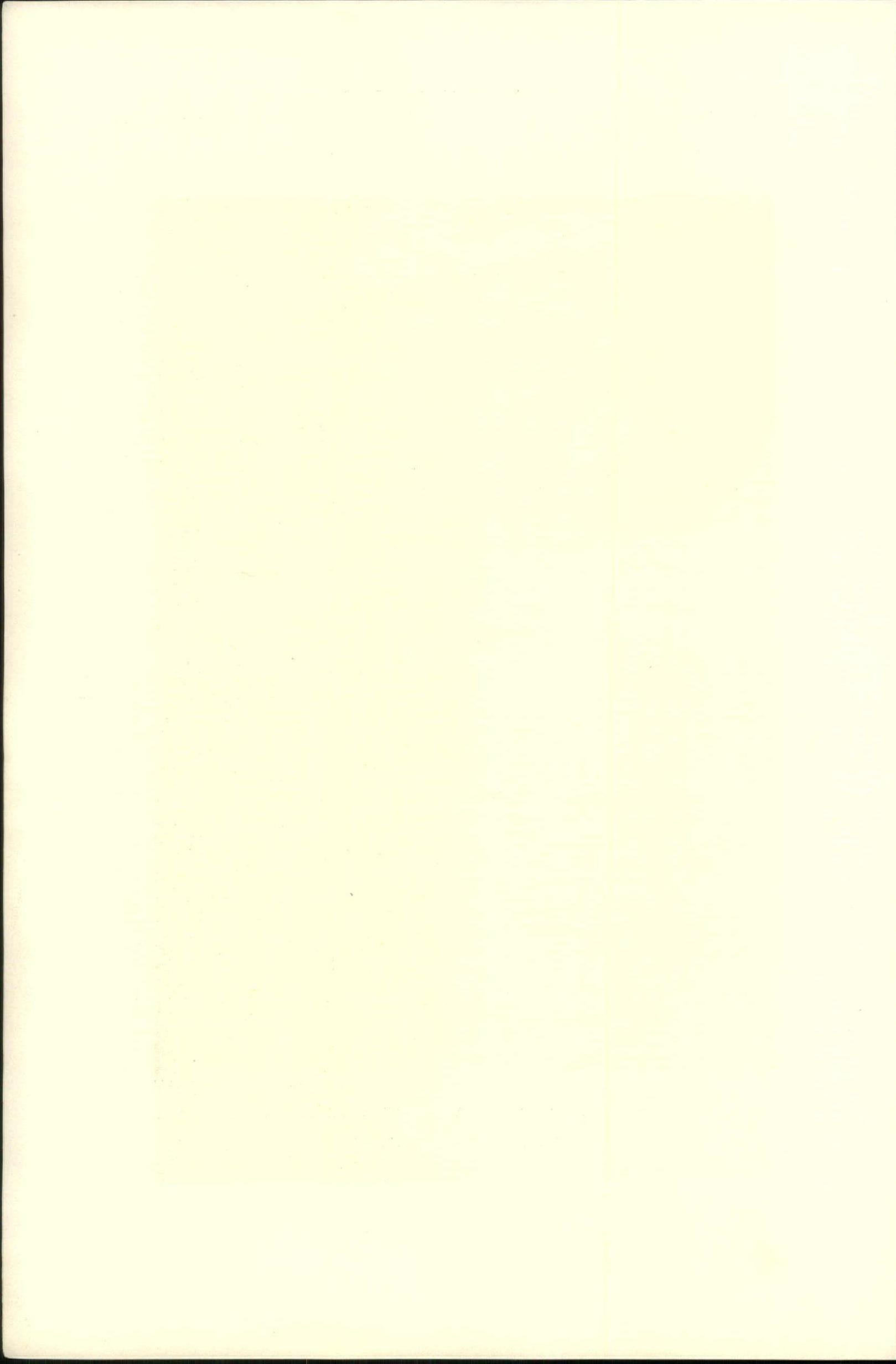


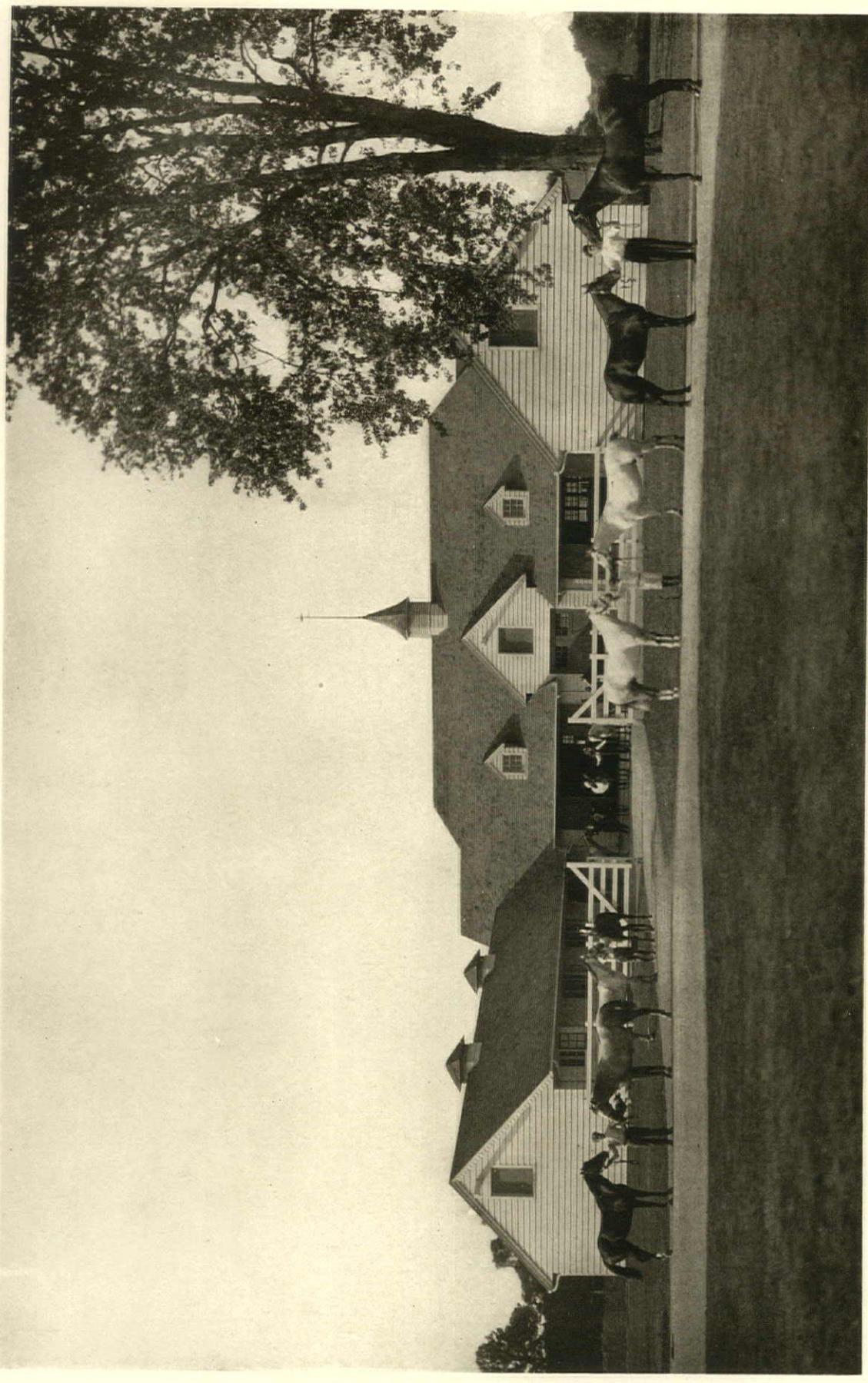


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STABLE

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MESSRS. ALBRO & LINDBERG, Architects



## CURRENT NEWS *and* COMMENT

### ARCHITECTS ASKED TO DESIGN GOVERNMENT BUILDINGS

CONTEST ENDS DECEMBER 30

Three limited competitions for the selection of architects for the three buildings for the departments of State, Justice and Commerce and Labor have been instituted, the programs having been approved by the President, Secretaries Knox, MacVeagh and Nagel and Attorney-General Wickersham.

The buildings will occupy the land bounded by Pennsylvania Avenue, the Mall, Fourteenth and Fifteenth streets. Provision has been made for an expert commission of award, to report on the relative merits of the designs, but the names of the judges will not be made public at this time.

With the exception of Daniel H. Burnham, of Chicago, and E. V. Seeler, of Philadelphia, who declined to enter the competitions, most of the eminent American architects are included in the list of sixty. Mr. Burnham declined in consequence of his position as president of the fine arts commission.

#### LIST OF COMPETITORS

The competitors are: Department of State—Nathan C. Wyeth, Washington; Hornblower & Marshall, Washington; McKim, Mead & White, New York; H. Van Buren Magonigle, New York; Warren & Wetmore, New York; George Cary, Buffalo; John Galen Howard, San Francisco; Pond & Pond, Chicago; Arnold W. Brunner, New York; Frank Miles Day & Bro., Philadelphia; Rankin, Kellogg & Crane, Philadelphia; Kelsey & Cret, Philadelphia; Shepley, Rutan & Coolidge, Boston; Allen & Collens, Boston; Parker, Thomas & Rice, Boston; F. M. Andrews & Co., Boston; James Gamble Rogers, New York; Wyatt & Nolting, Baltimore; Hubert G. Ripley, Boston; D'Oench & Yost, New York.

Department of Justice—Cass Gilbert, New York; Trowbridge & Livingston, New York; Donn Barber, New York; Carrère & Hastings, New York; Howells & Stokes, New York; Frost & Granger, Chicago; Parker & Thomas, Baltimore; Bliss & Faville, San Francisco; Percy Griffin, New York; Bannister & Schell, New York; Butler & Rodman, New York; Edward Pierce Casey, New York; Albert Randolph Ross, New York; Lord & Hewlett, New York; Palmer & Hornbostel, New York; Delano & Aldrich, New York; C. H. Blackall, Boston; Andrews, Jaques & Rantoul, Boston; Wheelwright & Haven, Boston; C. L. W. Eidlitz, New York.

Department of Commerce and Labor—Wood, Donn & Deming, Washington; Peabody & Stearns, Boston; Bigelow & Wadsworth, Boston; Eames & Young, St. Louis; T. C. Link & Son, St. Louis; Babb, Cook & Welch, New York; York & Sawyer, New York; Donaldson & Meier, Detroit; Holabird & Roche, Chicago; Abram Garfield, Cleveland; Tracy, Swartwout & Litchfield, New York; LaFarge & Morris, New York; Francis H. Kimball, New York; Kenneth M. Murchison, New York; Thomas R. Kimball, Omaha; Green & Wicks, Buffalo; George B. Post & Sons, New York; Mauran & Russell, St. Louis; Richards, McCarty & Bulford, Columbus, Ohio; J. H. Friedlander, New York.

#### COST AND ARRANGEMENT

The limit of cost fixed for the Department of Justice is \$1,900,000; the Department of State, \$2,200,000, and the Department of Commerce and Labor, \$3,650,000. The buildings for the departments of State and Justice will be three stories and basement; that of Commerce and Labor will be five stories and basement.

The ground area of the building for the Department of Commerce and Labor will be 90,000 square feet; that of the Department of State, 72,000 square feet, and that of the Department of Justice, 57,000 square feet.

The competition will close December 30. The programs limit the height of the exterior orders to forty-five feet, including columns and entablature; the style of architecture adopted must be in keeping with the best existing work in Washington; the designs must be executed by the regular office force of each competitor; colored perspective sketches are prohibited,

and the primary object of the competition is the selection of an architect and not the designs at first submitted, as the creators of the three accepted designs must modify and restudy their plans until they shall form a harmonious composition.

The problem of each department is stated in detail in the table of requirements submitted to those who have been invited to enter the competitions.

#### THE PROPOSED BUILDINGS

The building of the Department of State will contain offices for the Secretary, three assistant secretaries, director of the consular service, councilor and solicitor, bureaus of accounts, of rolls and library, citizenship, appointments, trade relations, near eastern affairs, far eastern affairs, western European affairs, Latin-American affairs, information and translations, and the telegraph office, office of chief clerk and the index bureau. Including offices for clerks and files, the total number of rooms will be 325. A feature of this building will be the state dining-room, two diplomatic reception rooms and an international conference, the last named occupying 6,000 square feet of floor space.

In the building for the Department of Justice, which will contain 225 rooms, accommodations will be provided for the Attorney-General, the solicitor general, the assistant to the Attorney-General, seven assistant attorneys general, the chief clerk, mail and files division, superintendent of prisons, bureau of investigation, library, public lands division, appointment clerk, pardon attorney, disbursing officer, attorney in charge of titles, assistant attorneys, division of accounts, stenographic bureau, etc. A feature of this building will be the law library. This room and the adjacent reading room will have a combined floor area of 7,500 square feet. The main stack room, which will be located on a mezzanine floor, will have 12,000 linear feet of shelf space.

In the building for the Department of Commerce and Labor accommodations will be provided for the Secretary, two assistant secretaries, chief clerk, disbursing clerk, appointment clerk, solicitor, bureau of corporations, statistics, manufactures, lighthouse, labor, census, investigations, immigration and naturalization, navigation, fisheries, coast and geodetic survey and steamboat inspection service; the library, correspondence sections, law section, computing division, tariff division, consular division, and the division of internal commerce, of compilation, of publications and of supplies and accounts. The census bureau alone will require 75,000 square feet of floor space. A feature of this building will be an aquarium for the bureau of fisheries, which will occupy 28,000 square feet of floor space. The building will contain 450 rooms.

## NOTES ON TOWN PLANNING

### THE REPLANNING OF PARIS

The great improvement scheme for Paris which has been so long under consideration is at length taking definite shape. It will be remembered that, as we duly recorded at the time, a loan of \$180,000,000 for expenditure on public works was authorized last December. It is now announced that a first issue of \$47,000,000 will be soon made by the city of Paris, whose Council is preparing for presentation a list of the works that are at once to be taken in hand. The loan is to be entirely devoted to what may be regarded as being almost purely town-planning objects, but, of course, in the process of widening and beautifying the streets, sanitation will claim a considerable amount of attention, and will involve a good deal of expense; and other important works of

utility will be taken in hand. For instance, the central market (les Halles) will be completed, and its approaches improved; while the municipal abattoirs are to be rebuilt. The continuation of the Boulevard Haussmann up to the Grands Boulevards, and the widening of the Rue de Bac, will doubtless involve much demolition and rebuilding. Further, hospitals are to be built, and some old ones will be rebuilt; so that altogether the architects' share of the disbursements will not be exactly insignificant; and they are to be congratulated on their opportunities of investing Paris with renewed architectural interest.—*The Architect's and Builder's Journal*.

#### CANBERRA, THE AUSTRALIAN FEDERAL CITY

The Commonwealth Government having selected Canberra, in New South Wales, as the site of the proposed Federal capital, it has been decided to invite competitive designs for laying it out from all parts of the British Empire. In anticipation of this an elaborate survey has been commenced. The boundaries of the new Federal territory will first be delimited, and then a contour survey of the city proper made. When this has been completed lithographic plans will be printed and sent to all parts of the Empire, with the fullest information for intending competitors, who will have to make provision for the location respectively of the viceregal residence, Parliamentary buildings, public offices, university, military barracks, and other groups of buildings. The site, which is one of the most beautiful in Australia, affords abundant facilities for the construction of one of the finest modern cities in the world.—*Architect and Contract Reporter*.

#### THE ELECTRIC RAILWAY IN CITY PLANNING

City planning is now receiving a great deal of attention as a result of an international conference on the subject in England, and many instructive comments on civic centers, main lines of travel, street cross-sections and the grouping of municipal buildings have been made. But the greatest practical influence on the actual location of the people of a city, at least, an American city, is wholly left out of sight. This is the electric railroad. It is more influential in determining where people will live than public squares, breathing places and lines of shade trees, and yet the only consideration it receives from the average city planner is in connection with the position of the tracks on the streets. We hear a great deal about the arrangement of boulevards, main avenues and side streets, but everything seems to be based on vehicular travel. This is all the more surprising when the careful attention paid to electric railway facilities by promoters of new enterprises is considered. A well-run electric railway will knock into a cocked hat all the theoretical plans of development that the most artistic civic beauty specialist can devise. It has built up the suburbs of our cities in an astonishing fashion, and now that some of our roads are handling express and freight it is pretty hard to tell just what this new influence cannot do. It is time to forget the car horse and to keep in mind the trolley wire. It is a waste of time to plan playgrounds and civic centers and keep them from being spoiled by the clanging electric car, for the latter will go somewhere else, and the trend of population will be with it. Convenience means a great deal to people who work long hours for moderate returns, and the electric road is the most convenient thing in the lives of most of them.—*Engineering Record*.

## CURRENT NEWS

Carlyle Ellis, in *The American City* for October, 1910, writes instructively about "Federal Buildings as a Basis for City Beautifying" and illustrates his argument with views of pertinent examples, good and bad.

News dispatches state that a Syracuse, N. Y., capitalist will erect in Seattle, Wash., an office building forty-two stories high and which, with the exception of the Singer building and the Metropolitan tower in New York, will be the tallest building in the world.

During 1909 there was, according to statistics published, almost one billion dollars' worth of buildings erected in the United States. Of this enormous total it is stated that 73 per cent. was constructed of fire-resisting material.

#### FIREPROOF RAILROAD STATIONS

The Lehigh Valley Railroad Company will, we learn from press reports, construct all their stations of strictly fireproof material. Three important stations have already been constructed of hollow tile and stucco, and the results have proved so satisfactory that the company will build all their suburban stations in that way.

#### TO UNDERPIN THE LEANING TOWER

It is reported in the French press that the firm of American contractors who successfully moved the tower of the church at Boscholt (described in our issue of October 26) have made a proposition to the Italian government relative to underpinning the Leaning Tower of Pisa.

#### TEXAS MASONS PETITION FOR STATE SUPERINTENDENCE

At the annual convention of the Texas State Conference of the Bricklayers and Masons International Union of America, held in Dallas, it was decided to petition the State Legislature to create the office of Superintendent of Masonry, to which only practical mechanics would be eligible.

#### WIDESPREAD INTEREST IN LEANING TOWER

Professor William H. Goodyear's article on the Leaning Tower of Pisa, first published in the *AMERICAN ARCHITECT* of September 28, has been copied and quoted by the daily press generally throughout the United States and in Europe. We regret to note that in the majority of instances *THE AMERICAN ARCHITECT* has not received credit for its publication, although in some cases the article has been reprinted intact.

#### TO IMPROVE DESIGN OF LETTER BOXES

It is significant to note the growing appreciation of good design in even the most utilitarian things in everyday life. In considering the re-arrangement of letter boxes throughout New York, the subject of more attractive boxes was discussed. A new design is in preparation and as soon as approved by the Art Commission will, as fast as possible, be substituted for the present unsightly boxes. It is proposed to discontinue the present practice of hanging letter boxes to lamp-posts and to substitute independent letter box pedestals.

## PERSIA PROHIBITS ANILINE DYES IN RUGS

The Persian Government has modified its decision of January 9 last, and has postponed until June, 1912, the date upon which, in accordance with the customs regulations, the exportation of carpets and rugs dyed with aniline colors or colors in the composition of which aniline enters shall be rigorously prohibited. Some exports to the United States had been held up on this account. Ordinarily these dyes may be detected by wetting and rubbing with a white cloth. They come away upon the cloth or spread in the wet place. Silk rugs of Tabriz seem to be frequently thus dyed.

## FIREPROOF HOUSES

Architects practicing in towns where the building laws are lax would do well to invite their client's attention to the relatively slight increase in cost which results when fireproof floors and partitions are substituted for the more customary wooden construction.

There is not only the gain in durability and freedom from fire risk, but such construction presents the added advantage of being practically sound proof. If alternative bids were invited, clients could in very many cases be induced to adopt the better method of building, when otherwise the more antiquated mode would prevail through default on the part of the professional adviser.

## MEDALS FOR OWNERS

As stated in these columns some time ago, the New York Chapter of the A. I. A. offered medals to owners of apartment houses for the building of best architectural designs erected and completed within three years prior to Dec. 31, 1910. The secretary of the Chapter, Mr. Frank H. Holden, now requests owners to send to him photographs of such buildings as they desire to enter in this competition. Mr. Holden's address is 1170 Broadway. We commend the action of the New York Chapter as a precedent that could be successfully followed by other Chapters. Owners receiving the Chapter medals will not be slow to see the immense advantage that would accrue and the enhanced importance of a building as to its rental value, that has been declared architecturally good by so competent an authority. This action, initiated by the New York Chapter will, we believe, have a far-reaching influence in impressing on owners the commercial value of good architecture and halt a certain class of construction that has become an eyesore.

## A NEW DIRECTOR FOR THE METROPOLITAN MUSEUM OF ART IN NEW YORK

At a meeting of the board of trustees of the Metropolitan Museum of Art, held in New York on October 31, Edward Robinson, who has for the last year been acting director of the museum, was elected director to fill the position vacated by Sir Caspar Purdon Clarke, who resigned last June on account of ill health.

Mr. Robinson's selection has been received in art circles with unqualified satisfaction, as one wherein the appointee was eminently fitted for the position. Further satisfaction has been generally expressed by reason of the fact that Mr. Robinson is the first native American ever placed at the head of the Museum.

Mr. Robinson was formerly director of the Boston Museum of Fine Arts and is an authority on classical art and antiquities.

## A COLOSSAL CONCRETE STATUE

What may become one of the most famous statues in the world stands above Eagle's Nest, across the river from Oregon, Ill. It has been in process of making three years and is now near completion. It is constructed of concrete. The Indian figure, which is forty-eight feet high, stands facing the south, looking down the river. The head and profile and folded arms appear perfect in detail as they are outlined against the sky and forest from many viewpoints around the country.

The claim of the statue to fame lies in three things: First, any one may read its message. Second, the statue's great size, forty-eight feet, without counting either the artificial base or the natural rock foundation 250 feet high on which it is placed, puts it on a scale with the Goddess of Liberty in New York harbor and the great statue of "The Pilgrim" on the New England coast.

The third and greatest claim to fame is that it is built to be permanent.

## COLLAPSE OF A SPRINKLER TANK

At 6 a. m., July 18, 1910, without any warning the 5,000-gallon sprinkler tank of the West End Theater, New York, elevated twelve feet above roof of stage portion, collapsed, and staves and contents of tank fell on roof over stage, on auditorium roof, on roof of adjoining flat house and on to street. The rush of water across stage roof carried four staves over the three-foot parapet wall and down to sidewalk of Hancock place, together with a six-foot length of two and one-half by sixteen-inch marble coping. Fortunately no one was passing at the time, as this is a drop of seventy-five feet. A large quantity of water entered the skylight and fell to the center of the stage.

The tank was of cedar, installed in 1902, and constituted the only water supply for the sprinkler equipment over the stage portion. There were nine ordinary flat hoops on the tank, the bursting of one of which must have caused all remaining hoops to give way simultaneously.

An examination of hoops after accident shows that they were as thin as paper in many places, and it is remarkable that a collapse did not occur long before this. The attention of the occupants had been called to the condition of these hoops as far back as June, 1906, but they did not feel disposed to make any change.—*Quarterly of the N. F. P. A.*, October, 1910.

## CARNEGIE LIBRARIES IN INDIANA

At the recent annual meeting of the Indiana Library Association the president reported that twenty-two public libraries had been built in that State during the past twelve months through gifts of Andrew Carnegie. Of these, six are in Indianapolis. The association recommended the erection of a separate fireproof building for the State Library at the Capitol.

## INDUSTRIAL

### KAHN SYSTEM SPECIFICATIONS

The above is the title of a book recently issued by the Trussed Concrete Steel Co., of Detroit, Mich. This little volume will be found a particularly valuable work of reference in concrete construction and one in which the architect will find ready solutions to many problems that occur in practice.

The rapid growth of concrete construction has made necessary a handbook on design similar to those published in connection with the use of structural steel and other building materials. This work would seem to supply such a demand, as it presents to the designer tables and other valuable information in readily available form.

All the data, it is stated, are based on a most extensive experience in reinforced concrete work and include the practical knowledge gained in the construction of more than five thousand important structures, embracing every type in which concrete is used.

While the work as presented deals mainly with the Kahn Trussed Bar and other Kahn system products, the principles and treatment employed are readily applicable to any type of reinforced concrete work. All these are very fully illustrated and described in this useful book, which may be had by architects upon request.

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- CITY HALL, Oakland (Cal.), Accepted Competitive Design. Palmer & Hornbostel, Architects. Five pages. *Architecture*, September, 1910.
- DEPOT, Salt Lake City, Utah. Henry J. Schlacks, Architect. Exterior photographs. *The Western Architect*, October, 1910.
- EXCHANGE BANK BUILDING, Colorado Springs, Col. Shepler, Rutan & Coolidge, Architects. Exterior photograph and plan. *The Western Architect*, October, 1910.
- HOUSE, A Concrete Tile, Woodmere, L. I. Alfred Hopkins, Architect. Exterior photograph and plans. *Architecture*, September, 1910.
- HOUSE AND GARDEN AT OYSTER BAY, L. I.—Carré & Hastings, Architects. Exterior photographs and plans. *The Brickbuilder*, September, 1910.
- HOUSES AT CLEVELAND, OHIO. F. B. Meade, Architect. Exterior photographs and plans. *The Brickbuilder*, September, 1910.
- HUDSON COUNTY COURT HOUSE, Jersey City, N. J. Hugh Roberts, Architect. Exterior and interior photographs and plans. *The New York Architect*, October, 1910.
- JERSEY CITY HOSPITAL, Jersey City, N. J. Clinton & Russell, Architects. Exterior photographs and plans. *The Brickbuilder*, September, 1910.
- LAWRENCE HOSPITAL, Bronxville, N. Y. Wilder & White, Architects. Exterior photograph and plans. *The Brickbuilder*, September, 1910.
- RESIDENCE AT BRYN MAWR, PA. F. H. Keisker, Architect. Exterior and interior photographs and plans. *The Western Architect*, October, 1910.
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Donald and W. J. Dodd, Architects. Exterior, interior photographs and plans. *The Western Architect*, October, 1910.

- RESIDENCE FOR E. L. FRENCH, Syracuse, N. Y. Alfred T. Taylor, Architect. Exterior photograph and plan. *The Western Architect*, October, 1910.
- RESIDENCE FOR W. A. MACKENZIE, Syracuse, N. Y. Alfred T. Taylor, Architect. Exterior photograph and plan. *The Western Architect*, October, 1910.
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- RUFUS S. FROST HOSPITAL, Chelsea, Mass. William Hart Taylor & Son, Architects. Exterior photograph and plans. *The Brickbuilder*, September, 1910.
- RUSSELL SAGE HALL, Northfield Seminary. Delano & Aldrich, Architects. Exterior photographs and plan. *The Western Architect*, October, 1910.
- SANITARY BUILDING AT ASHMONT, Boston, Mass. Stickney & Austin, Architects. Exterior photographs and plan. *The Brickbuilder*, September, 1910.
- SANITARY BUILDING AT CHARLESTON PLAYGROUND, Boston, Mass. Stickney & Austin, Architects. Exterior photographs and plans. *The Brickbuilder*, September, 1910.
- SANITARY BUILDING AT COLUMBUS AVENUE PLAYGROUND, Boston, Mass. Stickney & Austin, Architects. Exterior photograph and plan. *The Brickbuilder*, September, 1910.
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- PAVING, HISTORY OF. *The Western Architect*, October, 1910.
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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

**BIRMINGHAM.**—Council has instructed the Building Inspector to ask for bids for improving city building at Ensley.

**HUNTSVILLE.**—J. E. Penney is considering erection of department store building.

**MONTGOMERY.**—Council is considering purchase of site at Monroe and McDonough Sts. for erection of police station.

**TUSCALOOSA.**—Gymnasium Committee of Y. M. C. A. is considering plans and estimate of cost of erecting gymnasium. M. P. Jemison, Chairman.

**YELLOW PINE.**—Bids will be received until Jan. 1 by Pinehurst Fruit and Nut Plantation, Inc., 706-709 Marquette Bldg., Chicago, Ill., for building and furnishing material of twenty frame houses, one school building, stables, packing shed, canning factory building, and ice plant building on Pinheurst Fruit and Nut Plantation, near this city; prices on lumber specified can be secured from E. W. Gates Lumber Co., Yellow Pine, Ala., and the Vinegar Bend Lumber Co., Vinegar Bend, Ala., A. Robertson Land & Lumber Co., Chicora, Miss.; prices on brick from Jett Bros., Mobile, Ala., and on hardware from Barney Cavanaugh Hardware Co., Mobile.

## ARKANSAS

**FORT SMITH.**—Wallace Invalid Bed Co. is contemplating erection of a factory in this city.

**HAZEN.**—Bank of Hazen will erect two-story brick bank building. A. J. Screeton, President.

**PARAGOULD.**—Erection of \$25,000 Y. M. C. A. building is being considered.

## CALIFORNIA

**AUBURN.**—School District will soon vote on bonds for erection of school.

**BERKELEY.**—California Institution of Deaf and Blind is considering rebuilding of manual training school, destroyed by fire.—Douglas Keith, Superintendent.

**GRASS VALLEY.**—Local Lodge of Elks will erect club house next spring. Site purchased.

**LOS ANGELES.**—Erection of large building with chapel at University of Southern California is being considered. Rev. T. H. Woodward, of Whittier, is interested.

**LOS ANGELES.**—Burger and Burger will erect four-story \$35,000 warehouse on Palm St.

**OAKLAND.**—Extensive additions will be made to Nile Club House at Thirteenth and Grove Sts.

**OAKLAND.**—Knights of Columbus have purchased site at Tenth and Oak Sts. for erection of home.

**POMONA.**—Architect Robert H. Orr has completed plans for erection of proposed Congregational Church.

**SACRAMENTO.**—Bids will be received until 2 p. m., Dec. 5, for erection of court house. R. A. Herold, Bryte Bldg., architect; Wm. B. Hamilton, county clerk.

**SACRAMENTO.**—Shea & Shea, San Francisco, have prepared plans for erection of \$10,000 Catholic church at Oak Park. Rev. Wm. Ellis, Pastor.

**SACRAMENTO.**—Southern Pacific has appropriated \$400,000 with which to erect new passenger depot in this city next year.

**SAN FRANCISCO.**—Architect Jos. Cahen has completed plans for erection of \$40,000, three-story building at Kearny and Pine Sts. for Louis Friedman; also three-flat building on Sacramento St. for Martin Cline.

**SAN FRANCISCO.**—Congregation Emanu-El will erect \$500,000 synagogue at Van Ness Ave. and Sutter St. L. Sachs, President.

**WILLIAMS.**—School District has voted \$25,000 bonds for erection of high school.

## CONNECTICUT

**BRIDGEPORT.**—Architect T. F. Kelley has completed the plans for three-family house on Beechwood Ave. for John Miller

**NEW HAVEN.**—Mrs. C. J. Armitage has had plans completed for erection of residence on Pond St.

**WATERBURY.**—Plans have been completed by Architect C. A. Ketchen, Jr., for erection of frame residence on Grandview Heights for Albert Schumaker.

Architect C. Jerome Bailey, 63 Bank St., has completed plans for a residence on the Bunker Hill Road for Carmine Martone; also for three-story tenement house on Walnut St. for Thomas Donohue.

Plans have been prepared for immediate erection of machine shop on Bank St. for the Waterbury Farrel Foundry Machine Co. Griggs & Hunt, 51 Leavenworth St., architects.

St. Margaret's Church will erect parochial residence next spring. Louis A. Walsh.

**WILLIMANTIC.**—Rossie Velvet Co. is considering erection of factory. Board of Trade is interested.

## DELAWARE

**SEAFORD.**—Masons are considering erection of three-story brick store and lodge building.

## DISTRICT OF COLUMBIA

**WASHINGTON.**—Alumni of Central High School are urging erection of new Central school building and will take up the matter with the District Commissioners and with Congress. W. V. Cox, President of the Board of Education, is interested.

Association of the Oldest Inhabitants of the District of Columbia has instructed its home committee to submit plans for the enlargement and improvement of Union engine house at Nineteenth and H Sts. N. W.

Victor J. Evans will erect seven-story office building on F St. N. W.

Equitable Co-operative Building Association is considering erection of home.

**WASHINGTON.**—Bids will be received until 2 p. m., Nov. 21, for erection of addition to McKinley Manual Training School, Rhode Island Ave. and Seventh St., N. W. C. H. Rudolph, Chairman, District Commissioners.

**WASHINGTON.**—W. H. Sholes will erect four-story \$75,000 brick and concrete building at 1769 Lanier St. N. W.

## FLORIDA

**JACKSONVILLE.**—Plans for fifteen-story office building to be erected at Corner of Forsyth and Laura Sts., by E. H. Tomlinson, J. G. Boyd, of this city, and J. J. Heard, of Arcadia, are now being drawn.

**ST. PETERSBURG.**—J. A. Vandeventer will erect three-story, concrete block, rooming house, on Third Ave. South.

## GEORGIA

**ATLANTA.**—East Atlanta Bank, Flat Shoals and Glenwood Aves., will erect \$5,500 building. E. A. Minor, President.

**MACON.**—Dr. Howard Williams has purchased site on Spring St. for erection of hospital and sanatorium.

## ILLINOIS

**CHICAGO.**—Citizens have voted \$3,500,000 bonds for erection of city hall.

Hamilton Club, 135 Monroe St., is considering erection of \$300,000 club house at 148 Dearborn St.

**CHICAGO.**—Congregation Bnai Shalom will erect edifice at East 53d St. and Michigan Ave.

**DECATUR.**—Architect will soon be selected to prepare plans and specifications for new Decatur and Macon County Hospital. Dr. Wm. Barnes is interested.

School house will be built in Ridgeview district next summer. B. B. Jackson, Superintendent of Schools.

**EAST ST. LOUIS.**—Sisters in charge of St. Mary's Hospital on Missouri Ave. have decided to erect \$15,000 six-story hospital at Twenty-ninth and State Sts. Geo. Pfeifferberger, Sexton Bldg., Architect.

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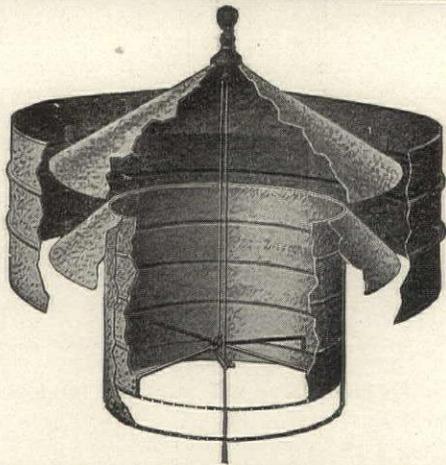


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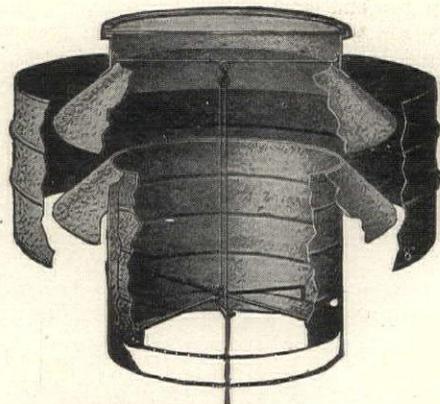
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MOLINE.—Y. M. C. A. has purchased site at Fifth Ave. and Eighteenth St. for erection of building.

PEORIA.—Architects Reeves & Baillie have prepared plans for erection of proposed Douglas school building.

### INDIANA

ELKHART.—Bids will be opened Dec. 7 for erection of \$75,000 high school. E. Hill Turnock, architect. Emil Anderson, chairman school board.

EVANSVILLE.—John Fendrich will erect \$25,000 residence on Upper First St. Shopbell & Co., Architects.

GREENTOWN.—Cosmo Ellwood and Willard M. Ellwood, architects, Elkhart, have been commissioned to prepare plans for a twenty-room manual training high school.

INDIANAPOLIS.—S. A. Fletcher, Fletcher American National Bank, will erect residence on Millersville Road.

Hibben, Hollweg & Co. will erect eight-story building at Meridian and Georgia Sts.

### IOWA

BEDFORD.—P. S. Junkin will rebuild structure destroyed by fire.

CEDAR RAPIDS.—Star of the West Lodge No. 1, Knights of Pythias, has voted to accept plans prepared for proposed \$17,000 Pythian building to be erected on First Ave.

DES MOINES.—The Farmers' Co-operative Company will at once begin building of silo factory on South Eleventh St. Three buildings will be erected.

STOUC CITY.—Haley & Lang Building Co. has been incorporated. Building will be erected within year. Wm. G. Haley, resident.

### KANSAS

EMPORIA.—President Jos. H. Hill, Normal School, has asked for \$200,000 appropriation for erection of auditorium and improvement of main building.

### KENTUCKY

LEXINGTON.—The Knights of Pythias of Kentucky are preparing to build addition to present home, which will be used as girls' dormitory and will cost \$20,000.

LOUISVILLE.—Hugh L. Nevin is planning to erect \$75,000 apartment house at Fourth Ave. and Oak St.

LOUISVILLE.—Jefferson County has voted \$500,000 bonds for improvement of schools.

Citizens have voted \$1,000,000 for proposed City Hospital. W. O. Head, Mayor.

### MAINE

PORTLAND.—Plans have been prepared for erection of proposed club house for Portland Power Boat Association. Commodore E. A. Clark, Chairman Building Committee.

### MARYLAND

BALTIMORE.—E. J. Ellinger is considering erection of three stores at Saratoga and Holliday Sts.

Architect W. M. Gieske, Equitable Bldg., is preparing plans for erection of \$8,000 residence at Sherwood station.

Citizens have voted \$7,500,000 bonds for schools and other improvements.

BALTIMORE.—Grafflin Cook will erect residence on Charles St. Jos. Evans Sperry, Calvert Bldg., Architect.

Isaac N. Cooper will erect sixteen two-story brick houses on Madison St. Henry J. Finley, Architect.

Mrs. Howard Biscoe will erect \$6,000 residence on Cedar-croft Road.

BALTIMORE.—Architects O. G. Simonson, American Bldg., and W. H. McElfrick, 1402 Broadway, New York City, have prepared plans for erection of \$100,000 theater on Fayette St.

Plans for new addition to the plant of the J. S. Young branch of the MacAndrews & Forbes Company, on Boston St., have been finished by Architect C. M. Anderson, 324 North Charles St.

Architect Henry J. Tinley is preparing plans for warehouse and factory building to be built at Central and Fairmount Aves. for Eugene Blake.

BALTIMORE.—Charles E. Litzinger will erect 11 two-story brick dwellings on Thirty-sixth St., to cost about \$21,000. F. E. Beall, 213 St. Paul St., Architect.

Plans for \$5,000 home and store of Julius Grotzky, to be erected at Severn Park, have been completed.

John T. Murphy, Lombard St., is considering erection of four-story warehouse at 33 Cheapside St.

BALTIMORE.—Plans for the new Empire Circuit Theatre, to be erected at 311 to 317 West Fayette St., are being prepared by W. H. McElfrick and O. A. Simonson and will be finished in time for estimates on January 1.

E. W. Herndon is having plans made by Wyatt & Nolting, Architects, for \$10,000 residence to be erected at Midland Road and Kittery Lane, Reland Park.

CAMBRIDGE.—Leon Wilde Crawford, Architect, 919 Market St., Wilmington, Del., has had accepted his plans for new church for Zion M. E. Congregation.

### MASSACHUSETTS

BOSTON.—The Denison House will erect \$65,000 addition. R. W. Hale, 60 State St., is interested.

HOLYOKE.—School Committee will ask city to erect two new school buildings next year.

NEW BEDFORD.—Council Committee on Education will recommend that steps be taken to ascertain cost of erecting proposed industrial school.

### MICHIGAN

ANN ARBOR.—Board of Regents, University of Michigan, will consider erection of \$200,000 auditorium.

BAY CITY.—Bids will be received by Board of Health until Nov. 21 for erection of proposed detention house.

COLDWATER.—Western Reserve Condensed Milk Co., Cleveland, O., is interested in proposed erection of factory in this city.

DETROIT.—Bids will be received until about Dec. 1 for erection of eight-story office building, cost \$100,000, at Gratiot and Farrar Sts. for Kiefer Land Co. R. H. Marr, 1529 Ford Bldg., Architect.

DETROIT.—J. L. Selling, 4 Monroe Ave., will erect two-story store building on Broadway.

ESCANABA.—Citizens have voted \$15,000 bonds to erect and equip Seventh Ward Fire Station.

GRAND RAPIDS.—Board of Trustees of United Benevolent Association is considering erection of \$250,000 hospital. John W. Blodgett, President.

KALAMAZOO.—Lake St. Mission has had plans prepared for erection of edifice. Rev. V. L. Montgomery, North Presbyterian Church, is interested.

LANSING.—Bids will be received until noon, Dec. 14, for erecting proposed hospital. E. A. Bowd, Architect. J. H. Moores, 131 E. Allegan St., President E. W. Sparrow Hospital Association.

MONROE.—Monroe Machinery Co. is considering enlargement of plant.

### MINNESOTA

CHISHOLM.—School Board will soon call for bids for erection of proposed Lincoln School.

DULUTH.—Bray & Nystrom, Palladio Bldg., are preparing plans for \$6,000 frame and stucco residence to be built for N. C. Clark on Second St.

EVELETH.—Committee, Sergeant Peter Nordi, chairman, is considering plans for erection of two-story brick hall for Italian Societies.

MINNEAPOLIS.—Harry W. Pence will erect auto warehouse at Eighth and Washington Aves.

ST. PAUL.—St. Paul Tannery Co. will erect modern building in South St. Paul. Plans prepared.

ST. PAUL.—A. L. Garlough, architect, 25 Union block, has prepared plans for two-story frame duplex which H. P. Conrad will erect at Nelson and Virginia Aves.

L. W. Johnson & Bros., 521 York St., will erect on Payne Ave. a \$5,000 two-story brick store and flat building.

St. Paul Bread Co. will erect \$150,000 baking plant at Robert and Twelfth Sts. and Minnesota Ave.

VIRGINIA.—Architects F. L. Young & Co., Palladio Bldg., Duluth, have prepared plans for improvements and additions to Tower Hotel for Harry Solberg.

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**MISSISSIPPI**

**BLOXI.**—Local Masonic Lodge has decided to issue \$20,000 bonds for construction of a three-story building at corner of East Howard Ave. and Main St.

**GULFPORT.**—Mississippi Coast Country Club will erect \$10,000 club house. J. A. Jones, President.

**McCOMB CITY.**—Owners of Goldbold Mineral Wells Hotel, destroyed by fire, will erect \$50,000 brick and concrete building.

**MISSOURI**

**LEXINGTON.**—Bids will be received until 3 p. m., Dec. 19, for complete construction of post office. Jas. K. Taylor, Washington, D. C., Supervising Architect, Treasury Department.

**MONTANA**

**MILES CITY.**—Plans have been prepared by Link & Haire, Helena, for a two-story brick and concrete addition to court house.

**NEW JERSEY**

**ATLANTIC CITY.**—Architect Harry De Hoff, of Philadelphia, Pa., is preparing plans for five-story \$65,000 apartment house, to be erected at Connecticut and Atlantic Aves., for Dr. B. H. Warren.

**BAYONNE.**—Company I, Fourth Regiment, N. G. N. J., has asked Council to provide a site for erection of armory.

**BAYONNE.**—The Standard Oil Co., of 26 Broadway, Manhattan, is now receiving estimates for the erection of \$75,000 oil can factory at Constable Hook.

**EAST ORANGE.**—Mrs. Florence Nichols will erect \$18,000 residence on Munn Ave. Geo. E. Teets, 28 Washington Pl., Architect.

**E. V. Warren,** 22 Clinton St., Newark, has drawn plans of six one-family frame dwellings to be erected in Rutledge Ave. for Charles A. Morel. Cost about \$25,000.

**ELIZABETH.**—Adolph Wagner will immediately begin erection of two two-family houses at 33 and 41 De Hart Place.

**ELIZABETH.**—C. H. Ritter, Empire Theatre, Red Bank, is having plans prepared for erection of \$8,000 theatre on Irving St.

**G. Godfrey Poggi,** 2 Julian Pl., will prepare plans for erection of proposed high school.

Bids are being procured by Oakley & Son, architects, 1201 E. Broad St., for thirty-six family apartment house to be erected at West Grand and Union Sts., for Clinton Gilbert.

**JERSEY CITY.**—From plans prepared by Architect William H. Bogart, 712 Bergen Ave., two apartment houses will be erected on Van Nostrand Ave. for Charles Auerbach; cost, \$14,000.

**JERSEY CITY.**—From plans prepared by Architect Nathan Welitoff an \$8,000 six-family flat will be erected at 22 Randolph Ave. for Levin & Petika, 532 Avenue C, Bayonne.

**JERSEY CITY.**—From plans prepared by Architect William E. Lehman, 736 Broad St., Newark, \$20,000 warehouse and stable building will be erected by the National Biscuit Co., of Tenth Ave. and Fifteenth St., New York.

Plans are being prepared by Architect Leo Feinen, 3649 Boulevard, for \$8,000 two-family residence on corner of Hague St. and Boulevard, by August Miller, Nelson Ave. and Grace St.

**MILLVILLE.**—Trinity P. E. Church will at once let contract for erection of \$25,000 parish house.

**NEWARK.**—Klingel & Turney have had plans drawn by S. J. Kutz for three-story frame flat building, with accommodations for three families, which they contemplate erecting soon at 248 Smith St.

**Walter J. Aschenbach,** 349 Plane St., has drawn plans of \$5,800 frame dwelling to be erected for Mrs. Rosa Gelb at 104 Ridgewood Ave.

**H. L. Bauman** will erect \$28,000 commercial building, of brick construction, at 37-39 William St., after plans by Nathan Myers, 238 Washington St.

**RIVERSIDE.**—Architect Clyde S. Adams, 1233 Arch St., Philadelphia, is designing a \$10,000 residence for Dr. S. W. Collins.

**TRENTON.**—Trenton Potteries Co. will soon take bids on erec-

tion of \$6,000 addition to plant on Muirheid St. Abram Swan, Sr., Architect.

**NEW MEXICO**

**LAS CRUCES.**—New Mexico College of Agriculture and Mechanic Arts is considering erection of new building.

**LAS CRUCES.**—St. James Episcopal Church, Mesilla Park, will erect residence next spring. Rev. Hunter Lewis, Pastor.

**NEW YORK**

**ALBANY.**—Methodist Church at Green Island is considering erection of edifice on Hudson Ave. Rev. Clarence Miller, Pastor.

**BALDWINSVILLE.**—Rochester, Syracuse & Eastern Railroad is planning to erect depot in this city.

**BROOKLYN.**—Prospect Park Bank, 885 Flatbush Ave., will expend \$25,000 in improvements. Wm. D. Buckner, President.

**Fenimore St. M. E. Church** will erect \$25,000 edifice at Fenimore St. and Bedford Ave. Benjamin Driesler, 176 Remsen St., Architect. Rev. L. H. Caswell, Pastor.

**Shampan & Shampan,** 772 Broadway, are preparing plans for six-story limestone and terra cotta bank and office building which is to be erected at Graham Ave. and Siegel St. for A. L. Kass.

**Queens Borough Public Library** budget for coming year will include sum sufficient for construction of building in Brooklyn Manor section.

**BROOKLYN.**—Plans are being prepared by Superintendent of Schools Snyder for erection of proposed Bushwick High School; bids will soon be asked.

**BROOKLYN.**—Manuel A. Esteva, vice consul of the Mexican government, next spring will erect residence at Windsor Ave. and South Country Road, Brightwaters, Bay Shore, L. I. Tentative plans prepared.

**BUFFALO.**—Plans have been accepted by Bishop Colton for erection of Catholic Cathedral at Delaware Ave. and Utica St. Cost, \$500,000.

**BUFFALO.**—Plans have been drawn by City Architect Howard L. Beck for erection of proposed Washington Market.

**Architect C. K. Porter & Sons,** 73 W. Eagle St., have prepared plans for erection of \$7,000 residence on Crescent Ave. for Chas. A. Hinkley.

**DEPEW.**—Colson & Hudson, 35 Dun Bldg., Buffalo, are preparing plans for two-story \$17,000 warehouse to be erected for Loeser Bros. Co.

**DODGEVILLE.**—International Pulp Co., Gouverneur, will at once rebuild mill destroyed by fire; loss \$100,000. A. J. McDonald, Superintendent.

**FULTON.**—Pietro Massaro, Syracuse, is planning to erect three-story concrete factory on Wall St.

**LE ROY.**—Board of Trustees is considering erection of town hall.

**LOWVILLE.**—Adirondack Maple Sugar Co. will at once erect plant. Charles Wisner & Son will superintend construction.

**MECHANICSVILLE.**—Manufacturers' National Bank has appointed committee to obtain plans for erection of bank building on Main St.

**NEW YORK.**—Architects Schwartz and Gross, 347 Fifth Ave., have prepared plans for erection of eight-story \$1,000,000 loft building on Centre St.

**NEW YORK.**—Estate of T. R. A. Hall, 39 East Forty-second St., will erect eight-story brick store and lofts, cost \$75,000, on Fifth Ave. G. Prevot, 104 West Forty-second St., Architect.

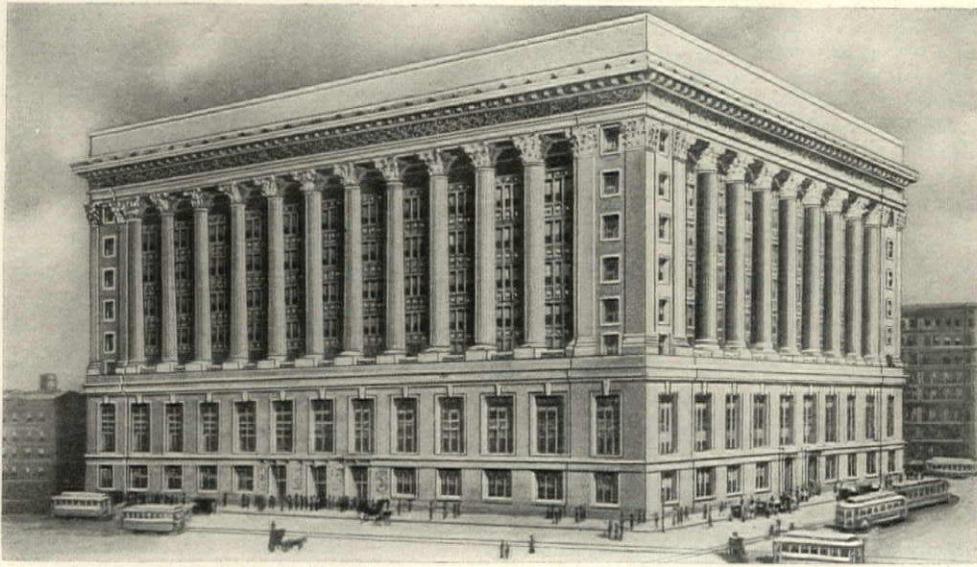
**L. & A. Pincus,** 20 West Thirty-first St., will erect six-story, \$50,000 brick loft on Thirty-second St. B. W. Levitan, 20 West Thirty-first St., Architect.

**Louisa Diener,** 1768 Gleason Ave., will erect two frame dwellings, cost \$11,500, at McGraw and Taylor Aves. B. Ebeling, 1136 Walker Ave., Architect.

**NEW YORK.**—Greenstein & Mayer, 230 Grand St., will erect one-story brick stores and dwellings at cost of \$14,000. C. B. Neyers, 1 Union Square West, Architect.

**Micheal A. Defio,** 2395 Belmont Ave., will erect two one-story brick stores and dwellings, cost \$15,000, on 187th St. M. W. Del Gaudio, 401 Tremont Ave., Architect.

**NEW YORK.**—Broadway and Park Place Co., 280 Broadway, will erect twenty-seven story brick and stone office building at



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HARDWARE

NEW CITY HALL  
CHICAGO

HOLABIRD & ROCHE  
ARCHITECTS

The Hardware for monumental public buildings is ordinarily selected on account of character and appropriateness. Cost is not a first consideration.

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Hardware and Locks, suitable in character and appropriate in design, have been used in many important public buildings.

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SARGENT HARDWARE Is Obtainable Through Representative Hardware Merchants in All Cities

Broadway and Park Place; also a fifteen-story extension; plans filed for foundations to cost \$500,000. Cass Gilbert, 11 E. Twenty-fourth St., Architect.

F. M. Woolworth will erect tall office building at Broadway and Park Place.

Seaboard Realty Co., 101 Park Ave., is considering erection of mercantile building at Park Ave. and Fortieth St.

NEW YORK.—Hudson Realty Co. is having plans prepared for erection of theatre building at Courtlandt Ave. and 149th St.

Joseph Diamond, 1139 Wyatt Ave., will erect two five-story brick stores and apartment houses on Mapes Ave.; cost, \$125,000; H. Nordheim, 1087 Tremont Ave., architect.

Moore & Landsiedel, 148th St. and Third Ave., have filed plans for erection of number of apartment houses.

NYACK.—New York Telephone Co. will erect \$63,000 office building at Main and Cedar Sts.

ONONDAGA.—Architect Charles E. Colton, of Syracuse, has prepared plans for modern schoolhouse building to be erected for District No. 26.

OSWEGO.—Plans prepared by Former School Superintendent Bullis will be used for erection of brick veneer school in Second Ward.

POUGHKEEPSIE.—Mayor-elect Sague will urge erection of high school building.

RAVENA.—Fred Roberts will erect dwelling next Spring on Van Buren St.

ROCHESTER.—Bishop Hickey is contemplating erection of Catholic church in vicinity of Main St. East and Culver Road.

SCHENECTADY.—County Supervisors have decided to purchase site for erection of jail.

The A. G. Lindley Co., Architects, Parker Bldg., have completed plans for two-room school building for district No. 10, Town of Colonie; firm is now working on plans for new theatre to be built in Schoharie by Dr. T. J. Kilmer.

SCHENECTADY.—Plans will be prepared by Oren Finch, 437 State St., for three or four buildings for proposed County Tuberculosis Sanitarium.

SYRACUSE.—R. S. Weston & Co., 721 S. Clinton St., is planning to erect warehouse on South Clinton St.

SYRACUSE.—Plans have been prepared by Architects Makepeace & Makepeace for erection of fire house on Wolf St. for Engine Co. No. 4.

WATERLOO.—Site has been selected for erection of proposed postoffice. J. B. Mongin, Postmaster.

#### NORTH CAROLINA

DURHAM.—Architect J. W. Brewer, Greensboro, has completed plans for home for North Carolina Child Home Society. J. S. Carr, city, President.

FAYETTEVILLE.—Atlantic Coast Line has had plans prepared for erection of depot.

#### NORTH DAKOTA

BEACH.—First Methodist Church has decided to erect \$10,000 edifice.

FARGO.—School Board is considering erection of school.

MEDORA.—Congregational Society has completed arrangements for erection of church.

#### OHIO

ASHLAND.—Bids will be received until Nov. 27 for erection of proposed \$70,000 city hospital. F. L. Packard, Hayden Bldg., Columbus, Architect.

BASIL.—Architects Howard & Merriam, Capital Trust Bldg., Columbus, will draw plans for eight-room modern school building to be erected next year between Basil and Baltimore.

CINCINNATI.—Herancourt Brewing Co. has had plans prepared for erection of iron and concrete structure at 1406 Harrison Ave.

CINCINNATI.—Board of Education has ordered issuance of \$240,000 bonds for erection of proposed Fourteenth District School.

CINCINNATI.—Residents of Wyoming have voted bonds for erection of school.

CLEVELAND.—Commercial Building Co. has had plans completed for erection of \$300,000 six-story building on Upper Euclid Ave. T. M. Swetland, General Manager.

COLUMBUS.—Architect C. L. Inscho, Brunson Bldg., has been commissioned to prepare plans for erection of school houses at Laurelville and Howard.

Architects Dawson and Holbrook, Outlook Bldg., are drawing plans for nine-room brick residence to be erected on Fifteenth Ave. for Daniel Krumm.

KENMORE.—Citizens have voted \$7,500 bonds to improve high school building.

LOVELAND.—Citizens have voted bonds for school purposes.

MANSFIELD.—Citizens have voted \$100,000 bonds to erect school; also addition to Hedges St. building.

OXFORD.—Architect Harry Hannaford, Hulbert Block, Cincinnati, will prepare plans for erection of addition to school.

TOLEDO.—Harry Jennison and A. G. Wright will erect creosotting plant at Broadway and the Wabash tracks.

TOLEDO.—Toledo Club is considering erection of \$200,000 club house.

TOLEDO.—Toledo Newspaper Co. will erect building at corner of Huron and Jackson Sts.

WEST JEFFERSON.—Architects Howard and Merriam, Capital Trust Bldg., Columbus, have been retained as architects by Board of Education for construction of a new eight-room, semi-fireproof high school.

WOOSTER.—Dormitory, cost \$100,000, will be erected at Wooster University. L. E. Holden, President.

#### OKLAHOMA

PAULS VALLEY.—First Baptist Church will erect \$10,000 edifice.

#### OREGON

EUGENE.—Architect J. R. Ford is preparing plans for erection of residence on River Road for James Wall.

PORTLAND.—Architects Knighton & Root are planning erection of \$75,000 apartment house on Upper Washington St. for E. J. Frohman.

PORTLAND.—Architect D. B. Flickinger has prepared plans for erection of residence for Miss Ireland on Terwilliger Boulevard.

PORTLAND.—Plans are being prepared by Architects Kniton & Root for \$75,000 apartment house to be erected at Corner of Washington and St. Clair Sts. for E. J. Frohman.

Architects Kroner & Henn are preparing plans and specifications for frame residence to be built in Laurelhurst for H. C. Griesel.

#### PENNSYLVANIA

ERIE.—Erection of annex, cost \$30,000, to St. Vincent's Hospital is being considered.

MEADVILLE.—Moore Bros. will erect large brick building on N 10th Water St.

PHILADELPHIA.—Architect Spencer Roberts, 26 S. Fifteenth St., is preparing plans for garage at Thirty-seventh and Ludlow Sts. for Loraine Motor Company.

PHILADELPHIA.—Catholic Church of the Transfiguration, Fifty-fifth St. and Cedar Ave., has had plans prepared for erection of \$50,000 school and convent.

Architects Ballinger & Perrot, 1211 Arch St., are preparing plans for one-story and basement church, at Tioga and F Sts., for St. Philip's M. E. congregation.

E. A. Wilson, Land Title Bldg., architect, is preparing plans for a four-story apartment house and twenty-nine three-story dwellings, at Fortyninth and Walnut Sts., for Calvin W. Rogers.

Architect H. J. Wetherill, 328 Chestnut St., is preparing plans for reconstruction of the residence at No. 1501 Spruce St. into offices and apartments for Dr. R. F. Wood.

Architect Oliver Randolph Parry, 1723 Chestnut St., is designing one-story church at corner of Fifty-first and Brown Sts. for Christ congregation.

PHILADELPHIA.—Philadelphia Club, Thirteenth and Walnut Sts., is considering erection of \$250,000 modern club house at Broad and Walnut Sts.

PITTSBURG.—C. J. Keller will have \$20,000 brick and stone residence erected on Solway St. from plans being drawn by M. Nirdlinger, Diamond Bank Bldg.

Architect Thomas Pringle will erect residence on Parkman Ave.

Architects Janssen and Abbott, Ninth and Liberty Aves., are planning \$50,000 stone residence to be erected on Woodland Rd. for J. L. Kendall.

Architects George Orth & Brother, 341 Sixth Ave., have pre-

**I**F 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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liminary plans prepared for erection of brick and steel warehouse for Oil Well Supply Co. on Twenty-sixth St.

PITTSBURG.—R. D. Nuttall Company will erect \$1,000,000 plant at Claremont.

READING.—Franklin Brass Foundry Co. is planning to erect modern factory at terminus of Schuylkill Ave.

RIDLEY PARK.—Borough is considering erection of Carnegie Library. Frank D. Kane, Clerk of Council.

SCRANTON.—Plans have been prepared by Architect John J. Howley for home for the Catholic Women's Club at Wyoming Ave. and Mulberry St.

SWARTHMORE.—Citizens have voted \$60,000 bonds for erection of school.

#### RHODE ISLAND

PROVIDENCE.—City Hospital Commission has approved preliminary plans for erection of proposed tuberculosis building at City Hospital.

#### SOUTH CAROLINA

GREENVILLE.—Hotel, cost \$20,000, will be erected on McBee Ave. A. A. Gates is interested.

LAURENS.—Laurens Glass Works Co. will erect plant. N. B. Dial, President.

#### SOUTH DAKOTA

LEAD.—Bids will be received until 3 p. m. Dec. 14, by James Knox Taylor, supervising architect, Treasury Department, Washington, D. C., for construction, complete, of proposed postoffice.

#### TENNESSEE

CHATTANOOGA.—J. C. Howell will erect residence in Fort Wood District. J. G. Barnwell and C. T. Jones, architects.

KNOXVILLE.—Railroad Y. M. C. A. is considering erection of building at Broadway and Depot Ave. A. C. Van Camp, Secretary.

#### TEXAS

DALHART.—First National Bank will erect \$25,000 brick block at Third St. and Denrock Ave.

DALLAS.—Dallas Coffin Co. will erect factory and warehouse at Lamar and Bellevue Sts. Cost, \$75,000. C. W. Bulger, Prætorian Bldg., Architect.

Pythian Library Association has decided to erect four-story \$25,000 hall. E. C. Blesi, Chairman Special Committee.

Erection of addition, cost \$150,000, to St. Paul's Sanatorium is being considered.

GREENVILLE.—C. B. Jones and Will Wise will erect three modern brick buildings on North Stonewall St.

GREENVILLE.—J. M. Gee, Mrs. Lizzie Mitchell and Mrs. Bertha V. Samuell will at once rebuild structures destroyed by fire.

KINGSVILLE.—Brownsville Road will erect six-story office building.

LINDEN.—City has decided to erect new high school.

McKINNEY.—Preliminary plans have been prepared by Supervising Architect Jas. Knox Taylor, Treasury Dept., Washington, D. C., for erection of proposed \$60,000 post office.

ORANGE.—Y. M. C. A. is considering erection of \$5,000 building.

PALESTINE.—Hotel Committee of Board of Trade is conferring with H. H. Franko regarding proposed erection of hotel.

SHERMAN.—Key Memorial Church is considering erection of edifice on East Houston St.

VICTORIA.—Methodist Congregation has decided to erect edifice.

WACO.—Bids will be received until 22 p. m., Nov. 22, for erection of four-story reinforced concrete high school. J. C. Lattimore, secretary of School Board.

#### UTAH

MURRAY.—Erection of library is being considered. Philip Bentz, Mayor.

#### VIRGINIA

AMHERST.—Farmers' Educational and Co-operative Union will erect storage warehouse.

CHERRYDALE.—Albert Hale will erect residence. Harding & Upman, 729 Fifteenth St., N. W., Washington, D. C., Architects.

NORFOLK.—National Exchange Bank will erect bank building at Campbell Ave. and Jefferson St.

ROANOKE.—H. M. Miller, Architect, So.-West Va. Trust Bldg., is planning three fire houses for city; buildings to be of brick, steam heat, all modern conveniences and slate roof, and to cost \$6,000 each; same architect is also planning \$12,000 residence for S. B. Pace, hot-water heat, brick mantels and modern plumbing, exterior to be of stone and stucco; also \$6,000 residence for R. S. Williams.

#### WASHINGTON

SPOKANE.—The Ballard Plannery, Kuhn Bldg., has prepared plans for erection of building at Second Ave. and Stevens St. for Imperial Trading Co., 907 First Ave.

SPOKANE.—William Hankins will erect \$8,000 residence at Post St. and Twenty-second Ave.

Perry Prettyman is considering erection of residence at Grand View. Site purchased.

L. L. Cathcart will erect \$20,000 residence at Cliff Park.

SPOKANE.—Gus. W. Roche and Geo. A. Heidinger are considering erection of four-story building at Washington St. and Second Ave.

New England Club of Spokane is considering erection of club house. About \$50,000 will be spent on building and grounds.

F. W. Schultz will erect \$100,000 brick block at Third Ave. and Walnut St.

Mrs. Mary Nolan will erect \$75,000 apartment house at Fourth Ave. and Monroe St.

Patent Holding Co. is planning to erect \$20,000 brick addition to plant at 118 Second Ave.

#### WISCONSIN

ANTIGO.—County Board will consider erection of jail.

EVANSVILLE.—Erection of depot is being considered by Northwestern Railroad. G. B. Vilas, Division Superintendent.

MADISON.—Architect A. C. Clas, 419 Broadway, Milwaukee, will prepare plans for improving Park Hotel.

MARINETTE.—Brunswick-Balke-Collender Co., Chicago, is considering erection of factory in this city.

MILWAUKEE.—Plans for residence for William Lale on Summit Ave. are being drawn by Architects Fernekes & Cramer, Pabst Bldg.

Architect C. J. Keller, Germania Bldg., has completed set of plans for \$7,500 frame flat building to be erected for A. P. Bour on Farwell Ave.

Architect H. J. Rotier, Goldsmith Bldg., is drawing plans for brick and stucco residence for B. O. Stearns, to be erected on Mineral Road.

MILWAUKEE.—Independence Lodge, F. and A. M., is considering proposition to build temple. Committee consisting of C. A. Gunn, L. J. Keerble and S. E. Tate is investigating.

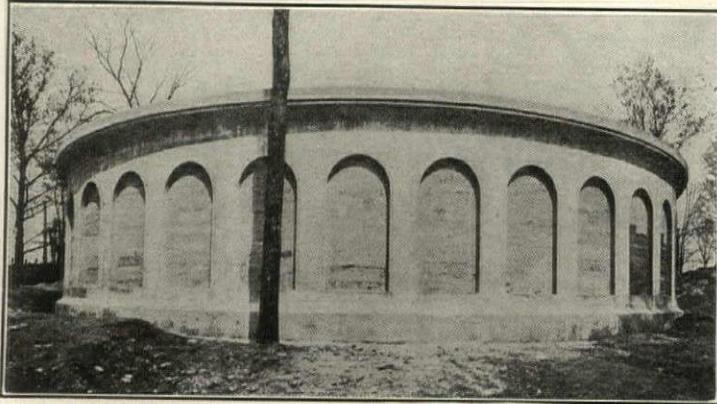
OSHKOSH.—State Board of Control has rejected as too high all bids for construction of the new building at hospital for criminal and violently insane. State provided \$100,000.

SUPERIOR.—Attorney Victor Lindley will erect building at Thirteenth St. and Ogden Ave.

SUPERIOR.—Architect Carl Wirth is considering erection of residence on Broadway.

Architect Howard Thomas is preparing plans for erection of two-story office and store building at 1111 Tower Ave.

St. James Episcopal Church is considering erection of rectory on East State St.



600,000 Gallon Reservoir at Cos Cob Power Plant, N.Y., N.H. & H.R.R.  
Westinghouse, Church, Kerr & Co., Engineers.

MADE WATERTIGHT WITH  
**HYDREX**

**THE WATERPROOFING FELT**

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HYDREX FELT AND ENGINEERING COMPANY

Manufacturers and Specialists in Waterproofing Materials

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WASHINGTON, D. C.

FACTORIES: RAHWAY, N. J.

"When in Water Remember Hydrex"

Figure No. 63



Quick Opening Hot Water Radiator Valve

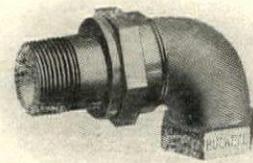
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United States Government

**BUCKEYE**  
**Hot Water Valves**

Made of the highest grade Steam Metal by the best skilled labor.  
Catalogue on application.

**Buckeye Iron & Brass Works**  
**Incorporated 1876**  
**DAYTON, OHIO**

Figure No. 198



Radiator Union Elbow

**J-M Linolite System of Lighting**

Is Fast Displacing Bulb Lights For Illuminating Show Windows, Show Cases, etc.

J-M Linolite is a vast improvement over bulb lamps for lighting show windows, show cases, bookcases, outdoor signs, pictures, etc.

J-M Linolite Lamps have straight-line filaments nearly a foot long, in tubes instead of bulbs. Joined end to end, these lamps give a continuous stream or line of light. And a powerful reflector, which can be turned to reflect at any angle, throws the light in any desired direction—concentrates it all on the goods in the window.

Bulb lamps, you know, form mere spots of light. Their radiation scatters in all directions. And the bulbs stand out as the brightest spots in the window—attract the eye to themselves—away from the goods on display.

J-M Linolite fixtures can be almost entirely concealed. They occupy only one-tenth the space of bulb lamps. They can be hidden back of the framework around the window, or behind the vertical fillets—wherever nearest the goods. The light is all thrown on the goods—none of it out in the street or in the eyes of spectators.

Write nearest branch for our Booklet telling all about the J-M Linolite System of Lighting.

**H. W. JOHNS-MANVILLE CO.**

Manufacturers of Asbestos  
and Magnesia Products

**ASBESTOS**

Asbestos Roofings, Packings,  
Electrical Supplies, Etc.

Baltimore  
Boston  
Buffalo

Chicago  
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Dallas

Detroit  
Kansas City  
London

Los Angeles  
Milwaukee

Minneapolis  
New Orleans

New York  
Philadelphia  
Pittsburg

San Francisco  
Seattle  
St. Louis

Toronto, Ont.

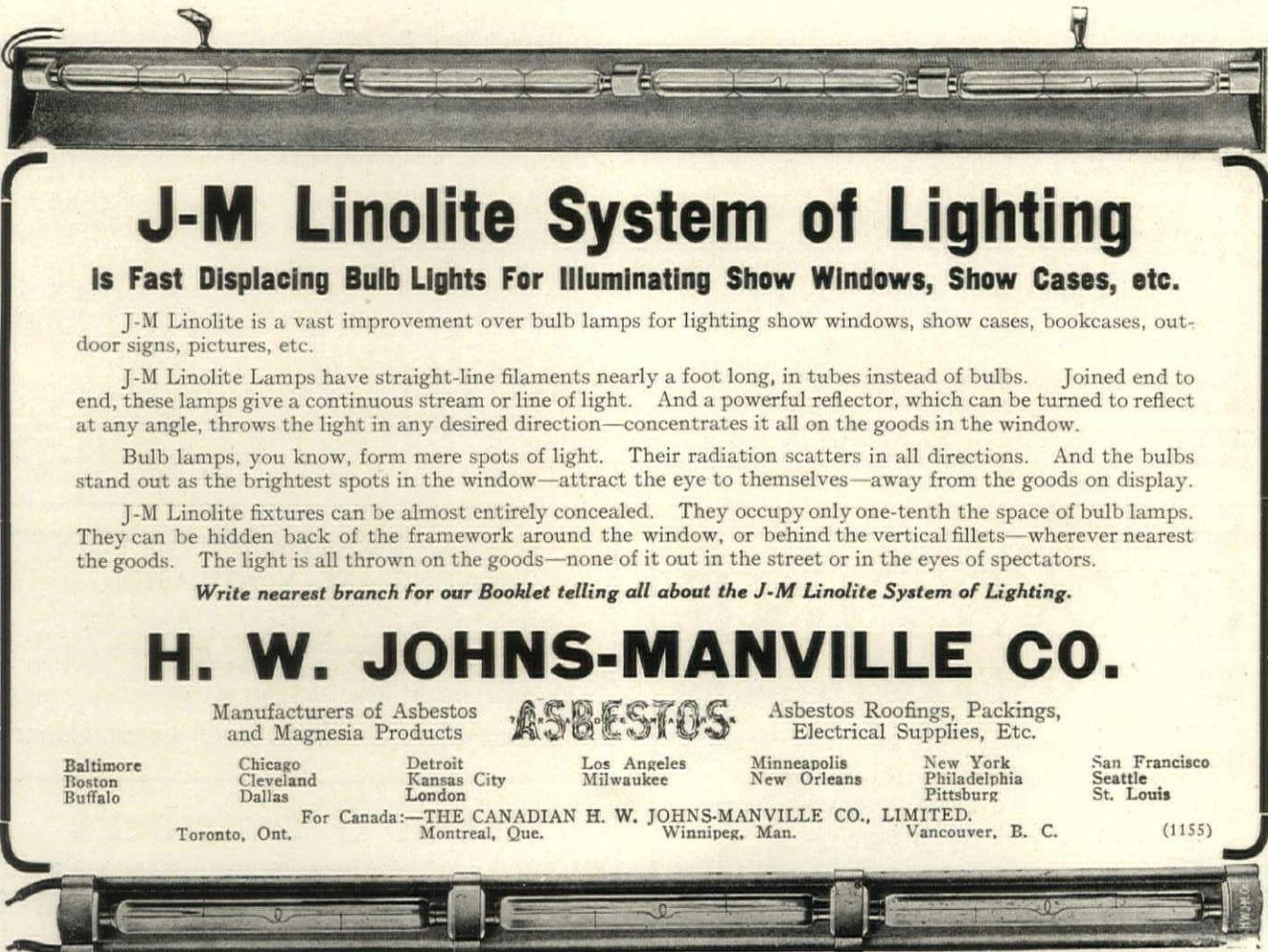
For Canada:—THE CANADIAN H. W. JOHNS-MANVILLE CO., LIMITED.

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

**ARCHITECTURAL DRAFTSMAN**—highly educated German of broad experience, 5 years in New York, efficient and proficient in all branches of the profession, desires a position in charge of office resp. drafting room in the Middle West. Address 18D, care American Architect. (1921-22)

**ARCHITECTURAL DRAUGHTSMAN** desires position with New York architect for first-class city and public buildings. Working drawings, elevations, etc. Address 20F, care American Architect. (1921)

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**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 leading architects, solicits commissions 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. (1820-21)

**POSITION WANTED** by experienced building inspector. Have been superintendent of construction for U. S. Government over five years; fully competent to make plans and details; highest references, local and New York, for habits, character, ability. Go any time, anywhere. Architects please put name on file. H. H. Gridley, Holyoke, Mass. (1820-21)

**ARCHITECTURAL DESIGNER** connected with large concern in Middle West seeks a change. Young man of broad education and experience in Europe and United States. I want more water color and interior and exterior designing than present line affords. Can submit samples and photographs of accepted work. Address 21A, care American Architect. (1921-22)

**SITUATION WANTED**—Architect from Vienna, with a long experience, highly educated, German, in designing of modern apartments, public buildings, churches, residences and schools, acquainted with theatre and reinforced concrete construction, desires position in reputable office. Salary reasonable. Address Charles M. Fisher, 18 N. 43rd Avenue, Chicago, Illinois. (1921)

**COLLEGE GRADUATE**, 16 years' designing, planning, detailing, checking reinforced concrete, structural steel, orna-

mental iron, stone, marble, terra-cotta, interior cabinet, wood, sheet metal, decoration, especially understands periods, desires position, temporary assistance, or can take charge for complete drawings done at reasonable rates. Address Engineer, 65 Chestnut St., Rutherford, N. J. (1921)

**HARVARD GRADUATE**, 17 years' experience best offices New York and Philadelphia, leaving present position, desires to take charge of office for growing firm on salary or interest, New York or Middle West. Would invest in established business. Thoroughly experienced in design, construction and superintendence. Highest references, personal and professional. Address 20C, care American Architect. (1820-21-22)

**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** draftsmen needed constantly; salaries \$18 to \$35 per week. The Engineering Agency, Inc., Monadnock Block, Chicago.

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

**SPECIAL NOTICE**

The rate for advertising under this heading is \$1.80 an inch. Remittance should accompany copy. Copy received until 12 m. Monday.

**PARTNER WANTED** by Architect—Columbia—A. I. A. Chapter, 8 years established. Practice, mostly in suburban and country work, with young ambitious firm or architect having established practice or clientele in New York. Good New York connections desired in order to enlarge field of activity, or working partner, willing to invest an equal amount to this end. Feel that the proper combination working together can advance and progress better and faster than separately. All communications treated confidentially. Full particulars furnished and requested. Address 21B, care American Architect. (1921)

**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., Nov. 8, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 15th day of December, 1910, and then opened, for the miscellaneous changes at the extension of the U. S. Court House and Post Office, Montgomery, Ala., in accordance with the specification and drawing, copies of which may be had at this office or at the office of the Custodian at Montgomery, Ala., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1921-22)

Treasury Department, Office of the Supervising Architect, Washington, D. C., November 2, 1910.—Sealed proposals will be received at this office until 3 o'clock p. m., on the 14th day of December, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office at Lead, S. D., in accordance with the drawings and specification, copies of which may be obtained from the Custodian of site at Lead, S. D., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1820-21)

Treasury Department, Office of the Supervising Architect, Washington, D. C., October 26, 1910.—Sealed proposals will be received at this office until 3 o'clock p. m., on the 7th day of December, 1910, and then opened for the extension, etc. (including plumbing, gas piping, heating apparatus and electric conduits and wiring), of the U. S. Post Office and Custom House at Ellsworth, Me., in accordance with the drawings and specification, copies of which may be obtained from the Custodian at Ellsworth, Me., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1820-21)

Treasury Department, Office of the Supervising Architect, Washington, D. C., October 27, 1910.—Sealed proposals will be received at this office until 3 o'clock p. m., on the 8th day of December, 1910, and then opened, for the construction (including plumbing, gas piping, heating apparatus, and electric conduits and wiring), of the U. S. Post Office at Granite City, Ill., in accordance with drawings and specification, copies of which may be had from the Custodian of site at Granite City, Ill., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1820-21)

Treasury Department, Office of the Supervising Architect, Washington, D. C., Nov. 7, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 9th day of December, 1910, and then opened, for installing a heating apparatus in the U. S. Assay Office, New York, N. Y., in accordance with the drawings and specifications, copies of which may be had at this office or at the office of the Superintendent of Construction, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1921-22)

Treasury Department, Office of the Supervising Architect, Washington, D. C., Nov. 7, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 19th day of December, 1910, and then opened, for the construction, complete (including plumbing, gas piping, heating apparatus and electric conduits and wiring), of the United States Post Office at Lexington, Mo., in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Lexington, Mo., or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1921-22)

Treasury Department, Office of the Supervising Architect, Washington, D. C., Nov. 7, 1910.—Sealed proposals will be received at this office until 3 o'clock P. M., on the 5th day of December, 1910, and then opened, for the installation of a vacuum cleaning system in the United States Post Office and Court House at Columbus, Ohio, in accordance with drawing and specification, copies of which may be had at this office or at the office of the Superintendent, Columbus, Ohio, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1921-22)

**CHASTINE**

**The Ideal Floor Dressing**

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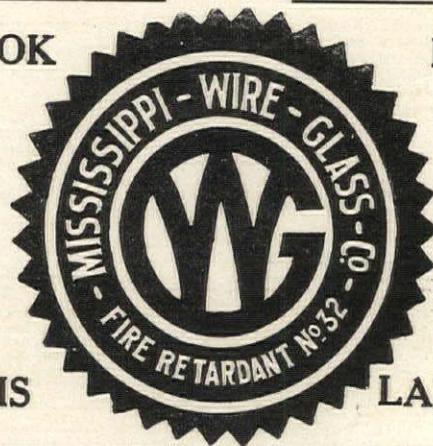
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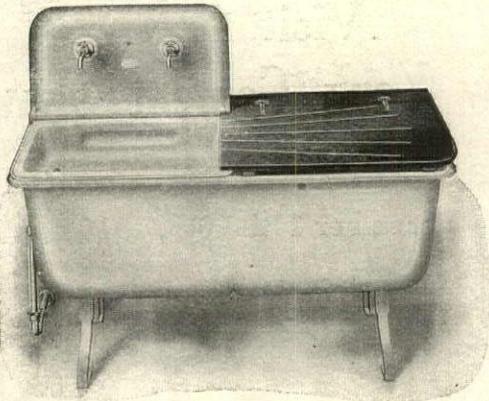


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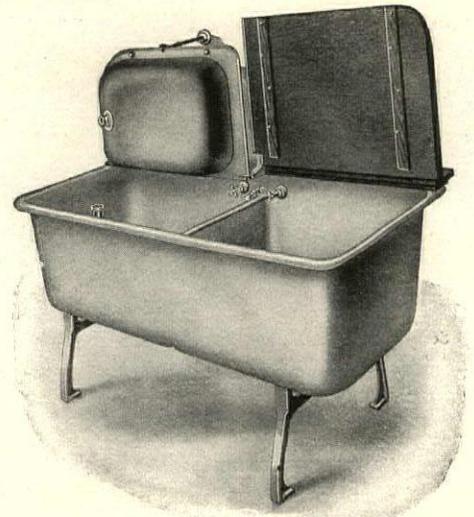


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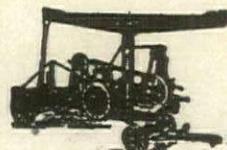


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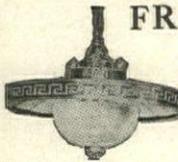
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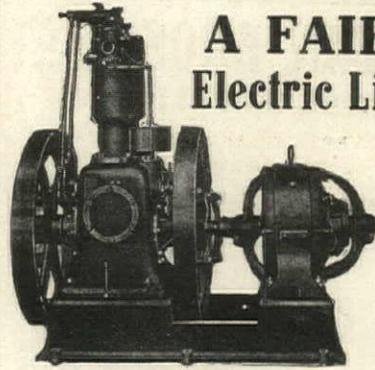
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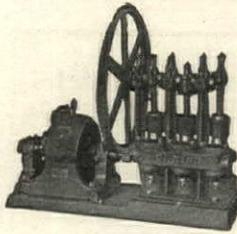
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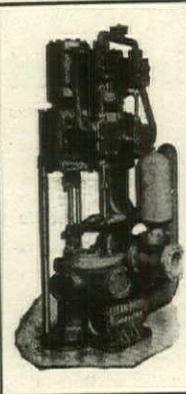
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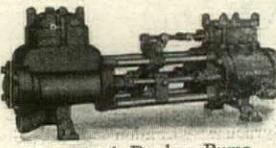
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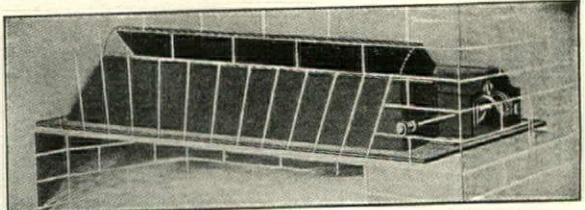


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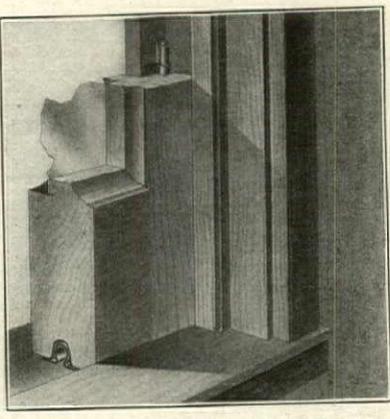


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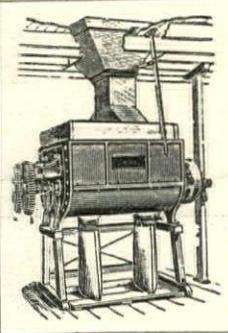
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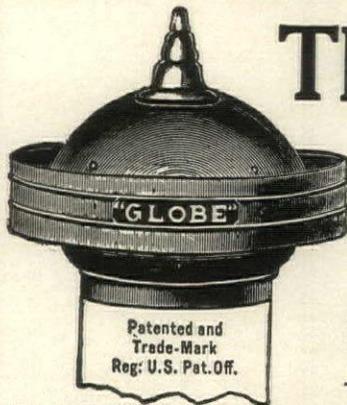
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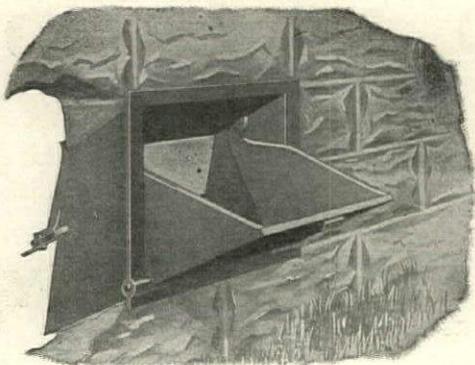
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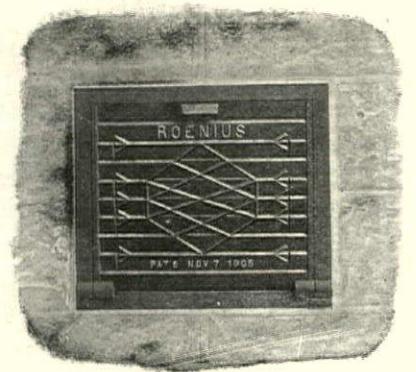
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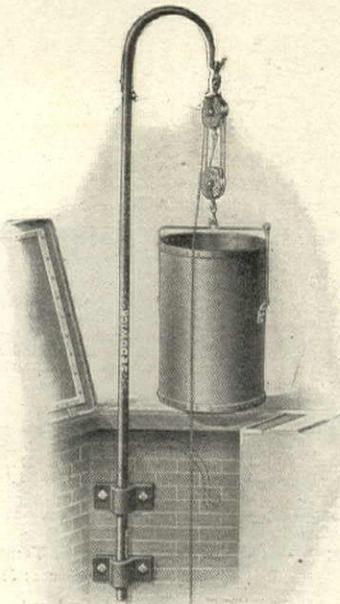
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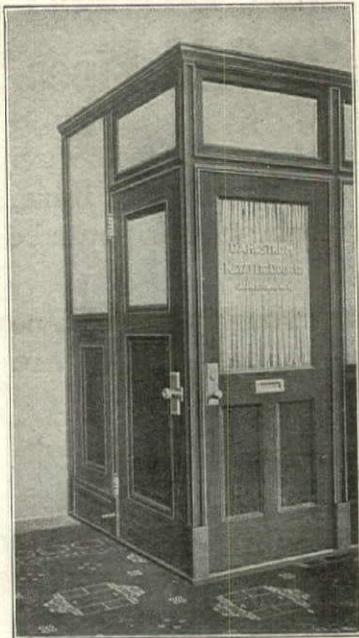
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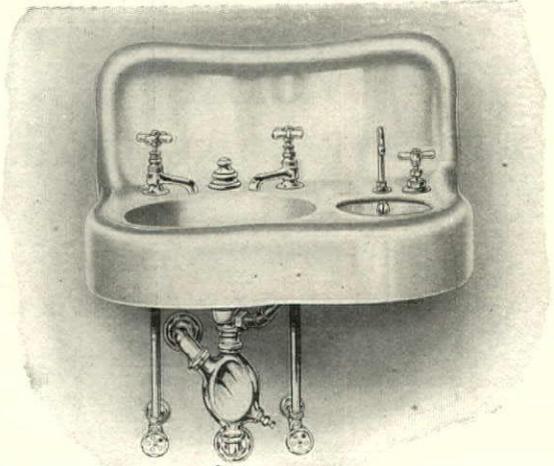


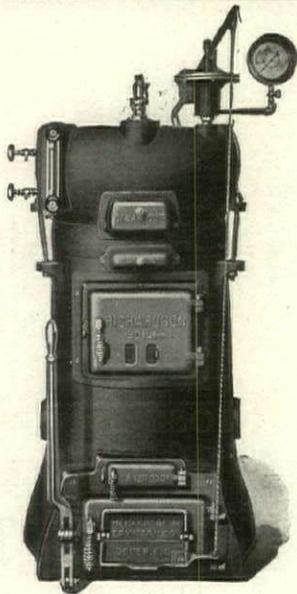
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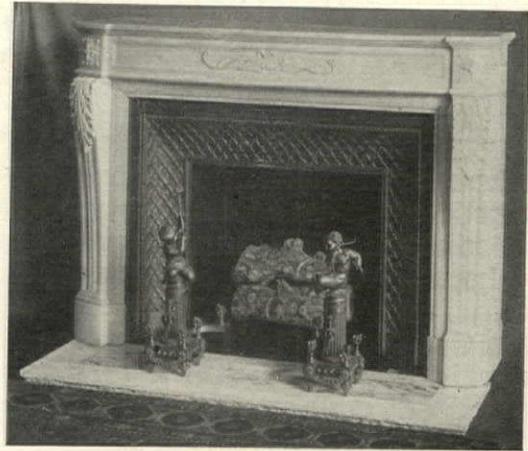
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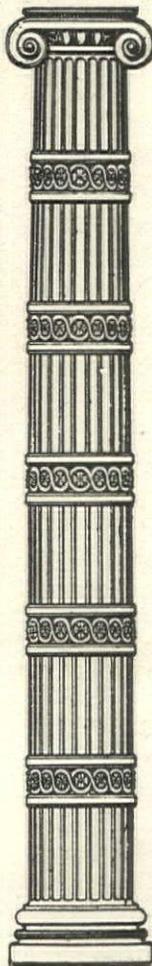
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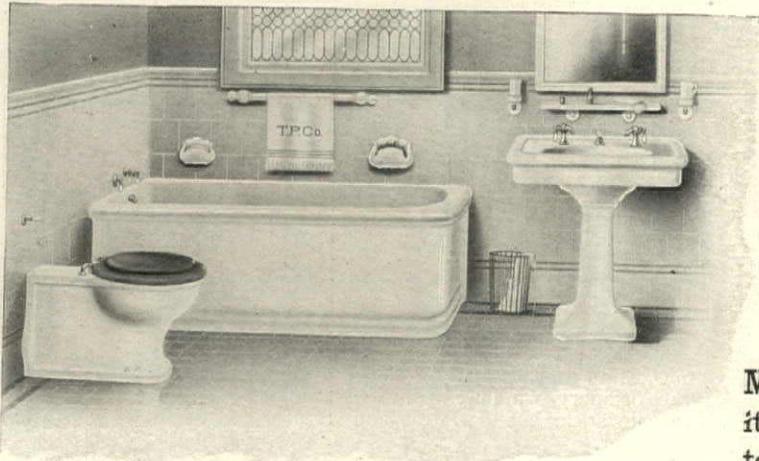
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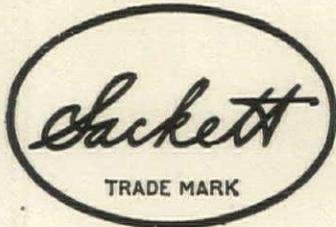


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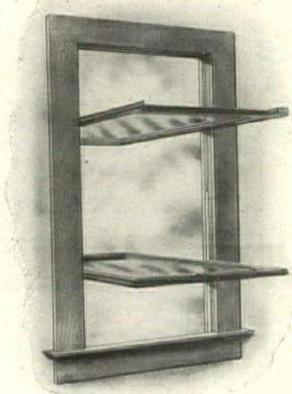
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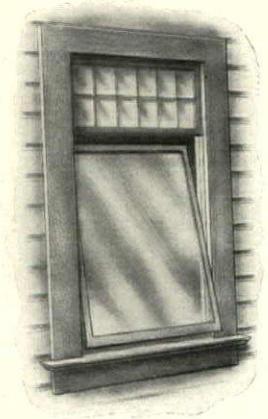
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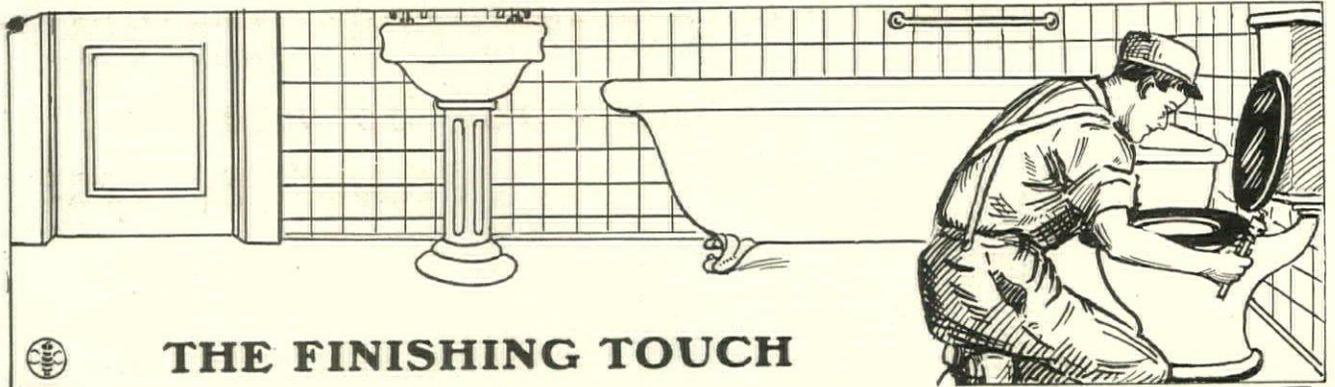
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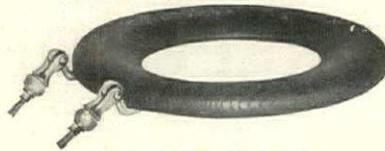
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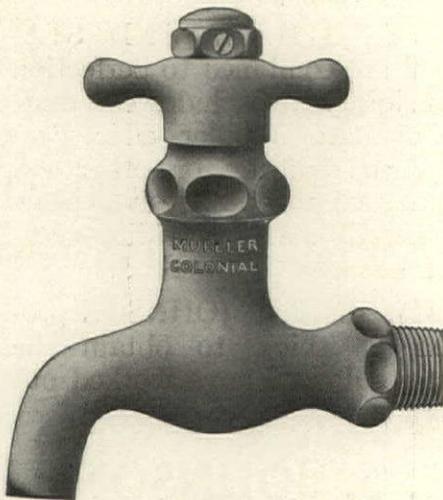


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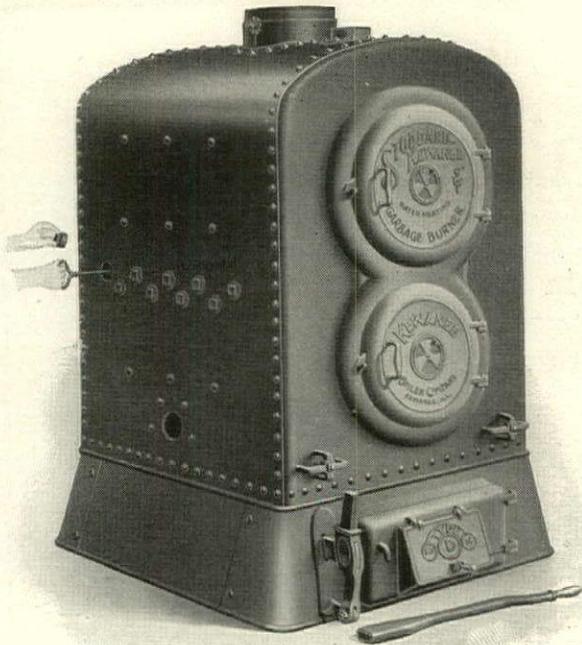
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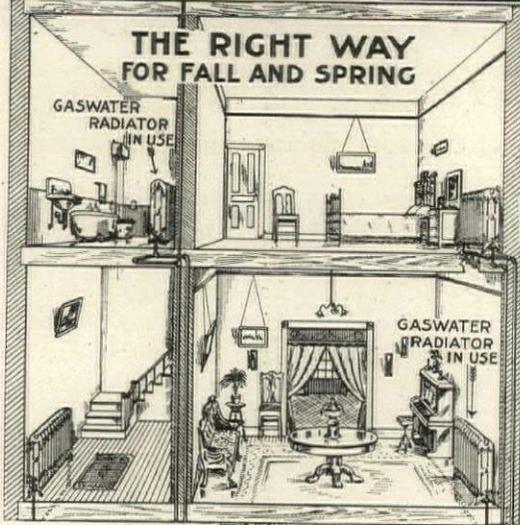
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**SLATE BLACKBOARDS**

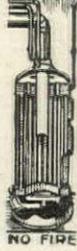
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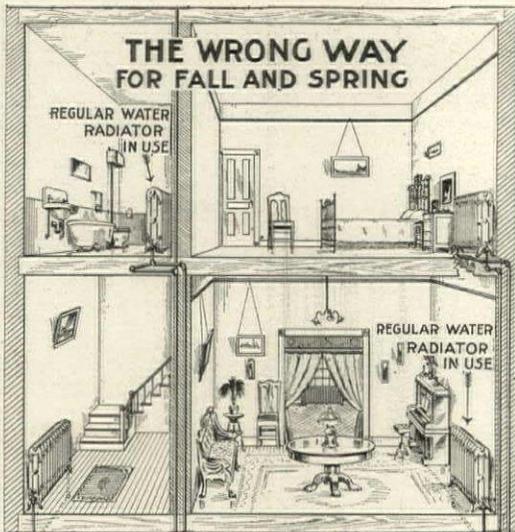


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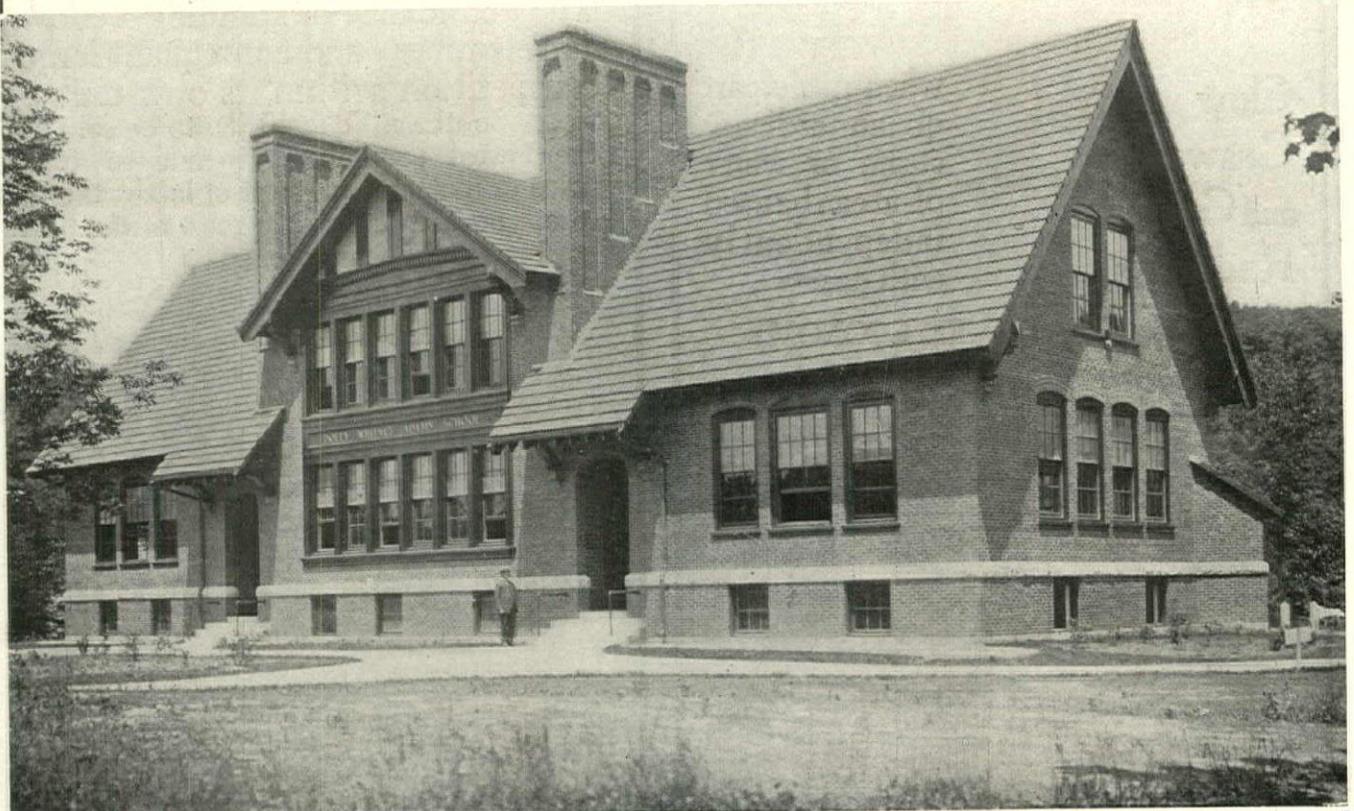
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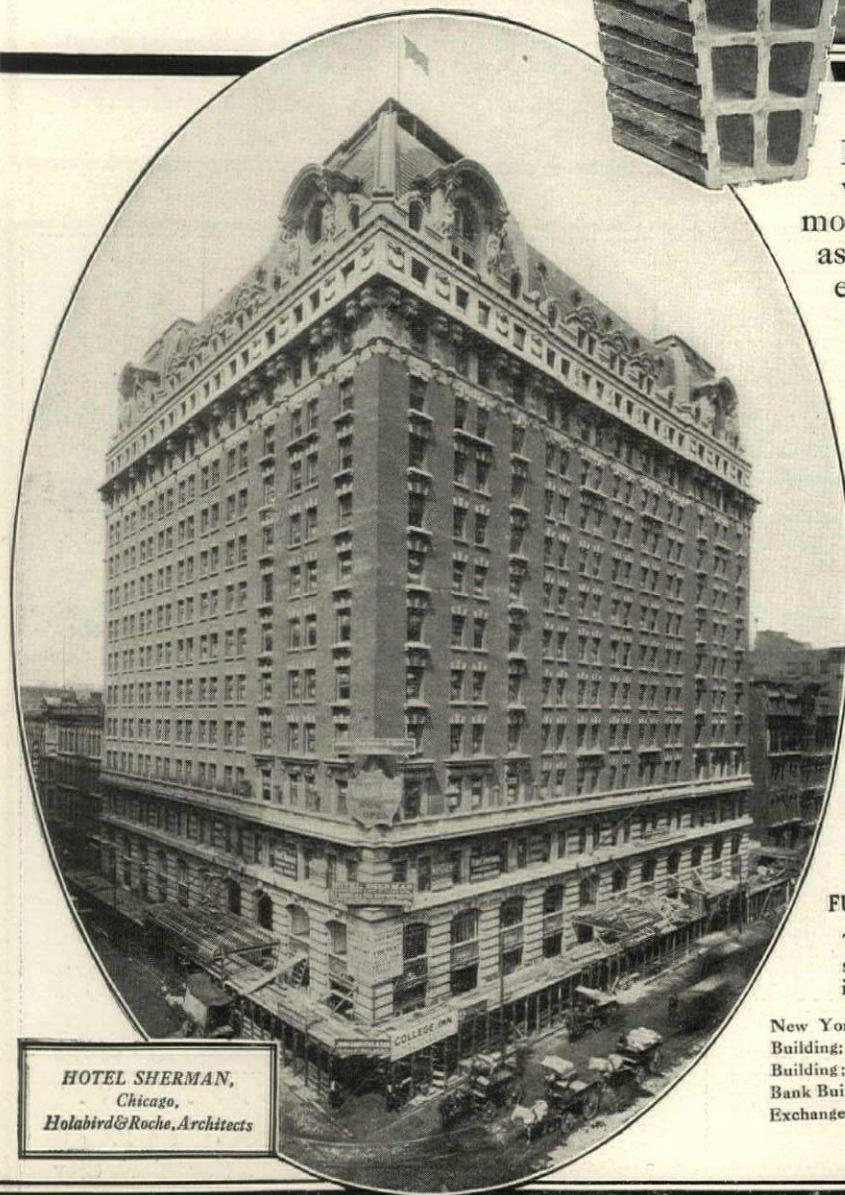
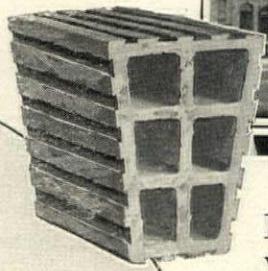
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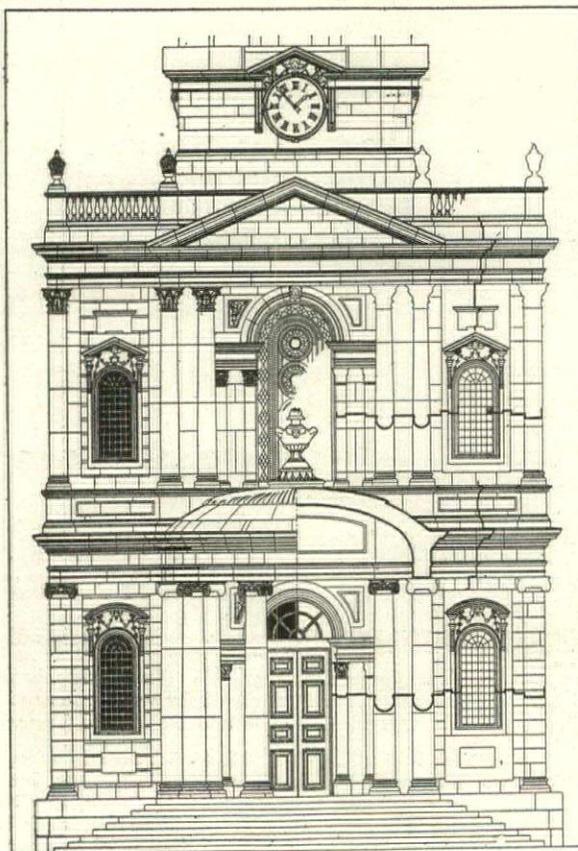
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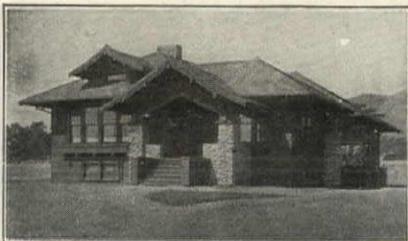
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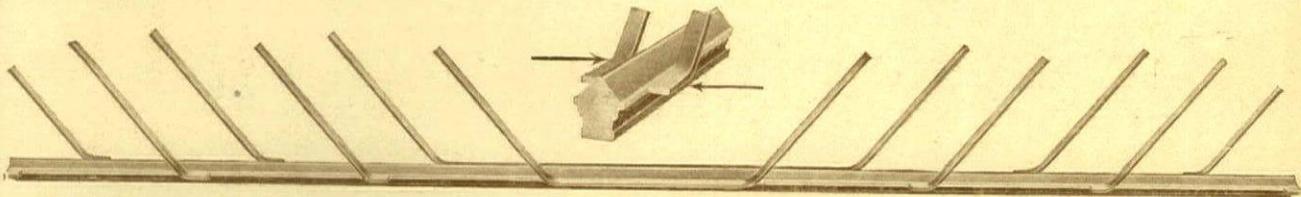
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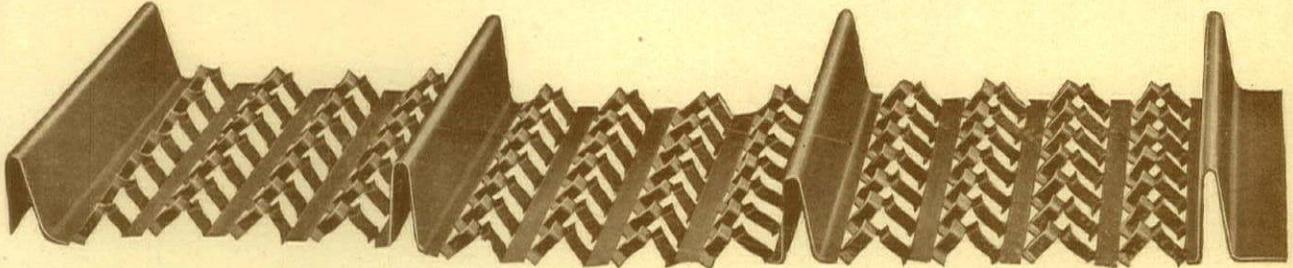
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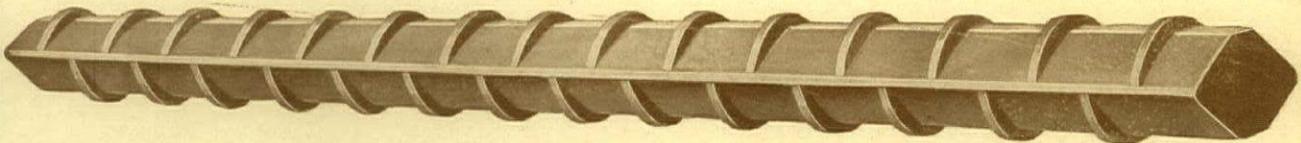
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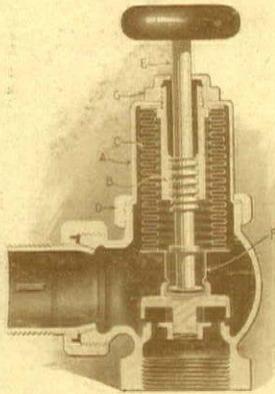
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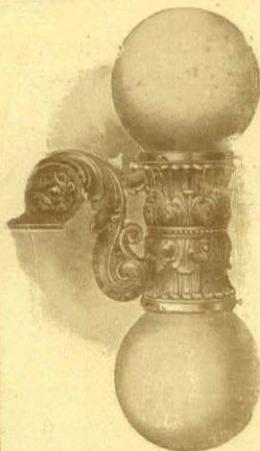
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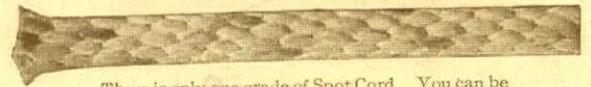


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