

THE AMERICAN ARCHITECT

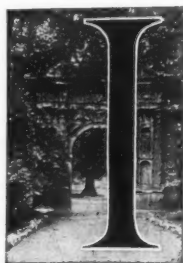
VOL. C.

WEDNESDAY, DECEMBER 27, 1911

No. 1879

INFLUENCE AND ETHICS OF COMPETITIONS*

By DONN BARBER, A.A.I.A.



It must be admitted that the subject of competitions considered in any of its aspects has become a most vexatious problem, and one which, in all probability, will never be solved to the complete satisfaction of the building public or the practicing architect. Competitions in one form or other are as old as the practice of architecture itself, and history teaches us that the resulting heart burnings and disappointments, the strife and argument, the petty jealousies, the very important doubt as to whether after all the best man and the best plan has really won, obtained just as much in the competition for St. Peter's at Rome as it has perhaps in our lesser competitions for a post-office of negligible importance.

It would be improper and unfair, indeed, to condemn competitions as a whole and indiscriminately, for from some points of view they seem to be a necessary evil. We can, I think, admit that competitions in themselves are not necessarily evil. It is the continual abuse and mismanagement of competitions, the unbusinesslike, undignified, inadvised desperate sort of struggles that ever carries in their train disappointment, prejudice, criticism and hard feelings of many and varied kinds. All this is responsible for a condition that has become a most serious consideration in contemplation of the inter-relation of architects and bearing upon the actual work that we as a profession are doing and standing for. The architectural profession has

for years been kept in a state of commotion while the real solution of the difficulty seems as yet unfound. Like all the other great and intricate problems before us today, however, this one must be dealt with directly and calmly and in a manner devoid of all prejudice, and some true solution must be found at any cost.

It seems to have become a very generally accepted and recognized tradition in certain cases, notably where proposed structures of a public or semi-public nature are involved, that architectural competitions still prove to be desirable or necessary as furnishing, perhaps, the best available means for selecting an architect. Just at the present time in this country, however, architectural competitions seem to be declining in popularity. Where only a comparatively few years ago competitions were sufficiently numerous to provide almost continuous employment for some firms who were fortunate enough to acquire the major part of their work in that manner, today we find an immense quantity of important work being given out by direct selection and appointment, and competitions comparatively infrequent. It would be difficult to assign any real reason for the change which seems just now to be taking place. Can it be that the owner is gradually coming to see that competitions are at best very slow, and if properly conducted a most expensive method of choosing an architect; is it possible that the owner realizes that an occasional good preliminary scheme is after all the real limit of the competition method, and that being the case, competitions are in the main of no advantage to him? Does the owner begin to appreciate the extreme difficulty of devising a scheme of competition that will afford him con-

*Paper read before the Forty-fifth Annual Convention of the American Institute of Architects, Washington, D. C.

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clusive assurance and evidence of the winner's ability to secure for him the final and practical execution of the design selected, without committing him to unnecessary, if not inordinate, expense.

Notable instances exist where architects who have proven adepts in the preparation of competitive designs, men of extraordinarily developed imagination and possessing marvelous dexterity in draughtsmanship, have been awarded the prize and later the work, as a result of competition, and have during the prosecution of the work shown themselves to be devoid of practical experience and even lacking in the ability to discriminate in the selection of competent assistants or superintendents. The ultimate results in such cases have probably had the very natural effect of somewhat impairing confidence in the competition method of selecting an architect. It is only fair to say, on the other hand, that there also exists many instances where notably satisfactory results have been obtained through the method of competition, but have these not ordinarily followed as a result of choosing the competitors from the ranks of competent and thoroughly experienced practitioners and paying the competitors so selected an adequate or reasonable sum for their sketches. Exceptions to this latter rule might be noted in the cases of government and municipal work, and perhaps, possibly, in some private work of sufficient size and importance to induce the experienced architect to enter an unpaid contest; but even under such circumstances the competitors have usually been limited in number and carefully selected.

It must of necessity be prejudicial to the interests of the owner that any architect should be allowed to enter a competition who cannot in advance establish his ability and competence to properly design and satisfactorily execute the work involved. It is sometimes urged that to open an unlimited competition may disclose some unknown but brilliant designer. This reasoning might be valid if the sole object of a competition were to secure a brilliant set of sketches. But unfortunately sketches in themselves give no real evidence that their author has the technical knowledge or matured ability to fulfill the promise of his sketches through proper and adequate

control of the work itself in execution.

The general influence of competitions can for present purposes be broadly divided as regards the influence on the architect. Theory presupposes competitions to be instituted with the sole purpose of advancing the interests of the owner, and practice proves that these interests are best served where a fair, clean cut and equitable agreement has been entered into between the owner and the architect before the competition takes place.

The American Institute of Architects after years of untiring study and labor has finally issued a circular of advice relative to the conduct of architectural competitions, as a statement of the principles which it believes should underlie such agreements. Serious difficulty with the system prescribed, however, has been found in some cases where it has proven inexpedient, not to say impossible, to carry on important competitions along the lines of what is conceded and believed to be the best practice, owing to the general and natural desire on the part of the owner to get free advice in the form of the greatest possible number of competition sketches, and also on account of the surprising willingness on the part of the architect to rush into competitions where no pre-arranged agreement or understanding exists with the owner. The owner often regards what he believes to be the information contained and given in his particular competition, in the light of a consensus of expert opinion on the subject of the problem before him, and therefore is pleased or disappointed as the case may be with what he regards to be the possibilities of his project. On account of the quality and character of the information so given, the real satisfactory solution of the problem is often complicated and confusion rather than lucidity results. We have all seen the results of what have been termed "unregulated scrambles" and how many times this inconsistent, unbusinesslike, undignified and certainly inartistic mode of procedure has carried with it its own disappointments, prejudices and sins.

Why an owner even when he has taste and judgment and is besides a good business man possessing ordinarily sound common sense, continues to persist in this method of obtaining a design for a building, is a ques-

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tion which architects must answer. It is certainly a most discouraging situation, looking at it entirely unselfishly and from a directly professional standpoint.

The short-sighted, unbusiness-like practice of the seeking out of a client and the offering to him of preliminary services on approval and gratuitously whether in competition or in the hope of finally being awarded the work, has to a great degree in the past lowered the dignity of the profession as a whole and resulted in the cheapening of the architects' services in the mind of the building public. The average owner seems to attach no particular value to architects' sketches either as meaning or standing for more than he himself can see in them, or as representing anything like the cost and labor involved in their production.

Architects are not paid enough for the work they actually do to be able to afford to waste their earnings on the whims and fancies of an owner who is willing to take without compensation from them, in one form or another, professional advice which may be the result of years of technical preparation and experience. The public should be made to feel that he who bears the title of architect has the knowledge and ability needed for the proper invention, illustration and supervision of all building operations which may be entrusted to him and that his services when desired or sought, are entitled to commensurate remuneration. An architect should have a better standing in the community; he should be more prominent before the public and its public enterprises, in the courts and in all matters of good and helpful citizenship. To just how much of the lack of all this can we trace the influence and practice of unlimited and irregular competitions obtaining throughout the past is a question well worth considering.

The influence of competitions on the architect, aside from the undoubted educational advantage which they have furnished at unjustifiable and exorbitant expense to the profession, has been to create unreasonable jealousy and unfair prejudice, misunderstandings, disappointments and in many cases undeserved criticism. It must be remembered in competitions that the resulting joy, if there is any, is of necessity

confined to the winner. While the burden of disappointment is left to be shared by all the others who have competed through labor and expense. It has been proven over and over again, as an economic argument in the case of competitions for smaller buildings, that the unsuccessful competitors have often expended collectively in the cost of preparing competitive designs, a sum equal to, if not exceeding, the gross fee that the successful architect has finally received for his complete services rendered in connection with the execution of the work involved. This is, of course, a serious situation for the profession and one which thus far has not been properly met or handled. It cannot be justified either as a good public policy, or a sound professional policy. The query is how long can the profession be expected to afford to continue the practice?

The ethics of competitions would seem to be inseparable from the ethics obtaining in general practice of architecture. The written circular of advice relative to the principles of professional practice, the canons of ethics and the conduct of competitions as prepared and circulated by the American Institute of Architects, form a very complete and helpful basis for the avoidance of the usual pitfalls and temptations due to an over anxiety to get work at any cost.

The application of decent methods in practice rests entirely with the individual practicing architect who, armed with these traditional principles and possessing a broad and comprehensive vision, not to speak of a healthy and sincere desire to apply in addition to all this the golden rule to all of his dealings, must look unselfishly at the part he must play as a unit force in the great work of the present, in order that his architectural progeny may occupy that undisputed place in the affairs of the world that should rightly be given to those who (we at least believe) represent the greatest of all constructive professions.

The American architect of the future must of necessity become less of a creative artist, and more of a trained manager of building enterprise. The ever-increasing pressure for speedy and adequate execution will preclude more and more exhaustive study and tentative experimentation. It

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will become the duty of the architect to surround himself by specialists in design, in construction, in superintendence, in technical research and engineering; men representing every department of architectural practice, and possessing a knowledge in their individual capacity, perhaps, far beyond his own. The architect himself must remain, however, the master mind that organizes and directs those who strive for

the common cause of the work involved and for the office. He will deserve to exercise a greater moral influence in public affairs than heretofore for the scope of his organized efforts will be nation wide, and his authority will be that of a broadly trained executive of varied experience, which coupled with a high sense of duty should make him a generous and true friend of public spirit and the eternal fitness of things.

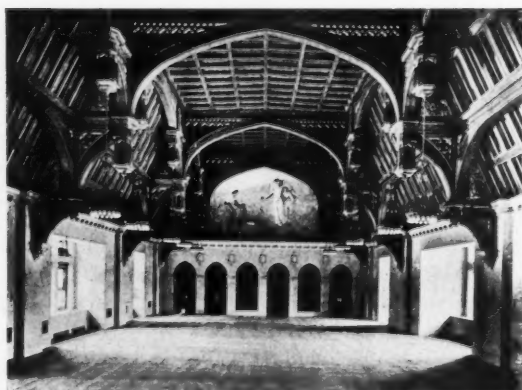
THE CURRENT ARCHITECTURAL PRESS

THE leading article in *The Architectural Record* for November treats of the passing of Madison Square Garden. The writer of this article believes that apart from the tower the building is not a successful one architecturally, but nevertheless takes occasion to sharply criticize the artistic shortcomings of the people of New York who have passively allowed the building to pass. In view of this apparent inconsistency it is not surprising that there is found little of reliable criticism in the article, which in fact is mainly devoted to a history of the vicissitudes of the site and the railway company that originally occupied it.

Mr. Montgomery Schuyler continues in this issue his series on "The Architecture of American Colleges." His criticism of the buildings of Syracuse University has

aroused the ire of the press of Syracuse. Mr. Schuyler believes that the University buildings present "the same crudity, the same thoughtlessness, the same illiteracy" as the architecture of the town. Architectural criticism by writers outside of the profession who are lacking in technical training cannot ordinarily be accepted as authoritative without careful scrutiny. Perhaps, after all, the Syracuse press should not take Mr. Schuyler's article so very seriously.

An interesting feature of this issue is a series of photographs by Mr. A. C. Byne of some century-old doorways in rural New England. Mr. Aymar Embury II has contributed an illustrated article on "Early American Churches." "The Palace of the Popes at Avignon, Its History and Restoration," is described by Mr.



AGENTS' ASSEMBLY HALL, PRUDENTIAL INSURANCE CO., NEWARK, N. J.

GEORGE B. POST & SONS, ARCHITECTS

(From *Architecture*)



FRANKLIN SCHOOL, ST. LOUIS, MO.

MR. WM. B. ITTNER, ARCHITECT

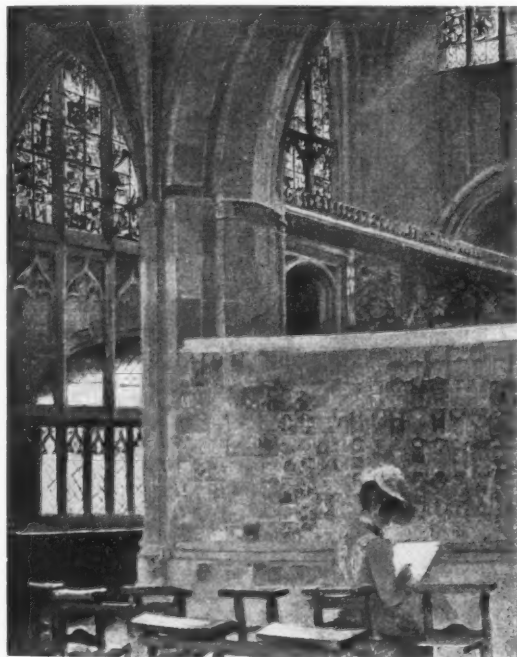
(From *The Brickbuilder*)

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Frederic Lees, *Officer de L'Instruction Publique*. The article is illustrated by photographs specially taken.

The Brickbuilder for November presents a well selected lot of illustrations in the field to which it is devoted. Perhaps the most important of these are two St. Louis school houses by Mr. William B. Ittner, and two buildings at Chautauqua by Messrs. Green & Wicks. One of these latter to be used as a post-office is a particularly interesting presentation of the subject.

An article on "Comparative Cost of Various Types of Construction for Three Houses," by Mr. George Hunt Ingraham,



MALVERN ABBEY

(From *The International Studio*)

contains valuable data collected by the author. The three types considered (the design being the same in each case) are brick, terra cotta block and cypress siding. The article will be read with interest by architects. An article in the series by Mr. Robert G. Spencer, Jr., on "The Small House of Brick in Suburbs and Country," treats of a brick bungalow for a hundred foot suburban lot. It is interestingly written and well illustrated.

There is also printed in this issue the program of *The Brickbuilder's* annual architectural terra cotta competition.

Mr. Aymar Embury II in an article entitled, "Travel Study in New York" published in *Architecture* for November, shows most conclusively how the architectural



CITY NATIONAL BANK, MASON CITY, IOWA

MR. FRANK LLOYD WRIGHT, ARCHITECT

(From *The Western Architect*)

student may, with much profit, study details on Manhattan Island, pending the time when he may be able to go abroad. By skillful use of the camera and the elimination of extraneous subjects, Mr. Embury presents a number of views of details of important buildings that have all the character of their foreign prototypes. The article can be profitably read by students to whom it is particularly directed.



POST OFFICE BUILDING, CHAUTAUQUA, N. Y.

MESSRS. GREEN & WICKS, ARCHITECTS

(From *The Brickbuilder*)

The principal subject illustrated in this issue of *Architecture* is the building of the Prudential Insurance Company, Newark Messrs. George B. Post & Sons, architects. The details of the original building shown are familiar, having been published a num-

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ber of years ago, and those of the recent addition follow, as is quite natural so closely along the lines of the building first designed as to offer, except in the interior views, little if any novelty. Other subjects illustrated will be found in the general index printed herewith.

An article in *The International Studio* for December, on "Old Japanese Folding Screens," by Prof. Jiro Harada, is an interesting account of a class of work in which the Japanese have probably been more successful than the decorators of any other country. The subject is treated in a masterly way and the illustrations are of much interest. There will also be found in this issue a description by Mr. Montgomery Schuyler and illustration of a park wall of massive granite blocks.

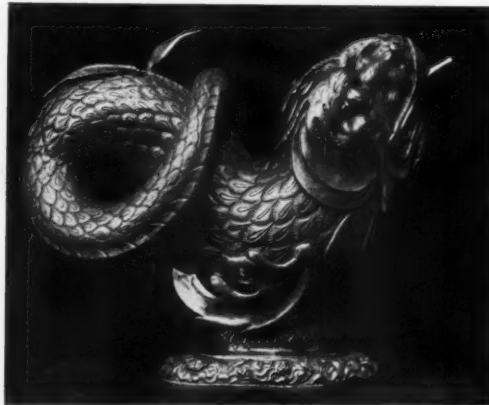
An appreciative article on the work of Childe Hassam, painter, will be read with much satisfaction by the many who are familiar with the virile canvasses produced by Mr. Hassam. Other features of interest are reviews of current exhibitions in this country and in Europe, and the well written discussion of happenings in the

field of art. The issue is well illustrated.

The Western Architect for December features in its illustrations the City National Bank, Mason City, Iowa. Mr. Frank Lloyd Wright, architect. Mr. Wright has evolved a most unusual type of banking building, in which he has incorporated some of those lines of composition and decorative treatment so insistently employed in his domestic work.

The exterior and interior show interestingly what may be accomplished by the use of modern brick. We fail to recognize any feature in the design that we should care to see generally adopted for use in similar structures. Other subjects illustrated in this issue will be found in the index to the current architectural press. An article on "The Characteristics of Roman Architecture," by Prof. J. E. Granrud, of the University of Michigan, will appeal more directly to the student than the man in practice.

The August issue is the latest of *The New York Architect* to be received. The illustrations are of current work by Mr. Harry Allen Jacobs, architect. The text contains an article on Mr. Jacobs' work.



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A PUBLIC LIBRARY, THE FIRE HEADQUARTERS AND
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FRONTISPIECE:—

MUNICIPAL PALACE, VINCENZA, ITALY

REPORT OF THE BOARD OF DIRECTORS OF THE A. I. A.

THAT many members of the American Institute of Architects would look with disfavor upon the presentation of certain portions of the report of the Board of Directors in an open session of the recent Convention might have been expected. The report as submitted set forth with considerable detail the various alleged infractions of the code of which the Committee on Practice had taken cognizance during the past year, and included the names of members it was considered merited censure. Of course a willful deviation from the code of practice prescribed should result in censure for a member or even more drastic

punishment, but before disciplinary measures can properly be applied, either publicly or privately, the fact that a willful infraction of the code had actually been committed should be established beyond a reasonable doubt, after every opportunity had been given the accused to defend himself against the charge. The findings of the Judiciary Committee should then receive the ratification of the Institute body, and the case be settled beyond the hope or power of appeal before the facts are given to the general public. This seems necessary on account of the tendency of the popular press to assume the guilt of the accused without waiting to ascertain the outcome of the matter or in fact to even investigate the character of the charges made. It is readily apparent that injury might be done an innocent party by such undesirable publicity. When, however, a member has been found actually guilty of unprofessional practice by proper procedure and this fact has been certified to by the Institute, the widest publicity would be deserved either with or without other and more drastic punishment as the case seemed to require.

But, unwise as the action seemed to be in submitting the names of members, little if any more than accused of unprofessional practice, in open session of the Convention, there is much satisfaction in having this evidence of serious purpose on the part of the Institute Board which quite apparently was not deterred from doing what it conceived to be its duty by the fact that names prominent in the Institute councils were involved. It is the sheerest folly for the Institute to adopt rules by which a professional practice may be conducted, unless its members adhere to them, and there is probably no surer means of securing adherence than a general knowledge that there is a Committee on Practice holding office, which possesses the courage, energy and intelligence to handle infractions of the code without fear or favor wherever they occur. And while there is no probability of the names of members against whom simple charges have been laid with the Board of Directors being made public again, it should be remembered that this fact will afford protection and comfort to those only who are strong in the consciousness of their own innocence and stand unjustly accused. To the guilty

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the day of his exposure will be but slightly delayed.

The alleged statement of certain members made in extenuation of their conduct and founded on the premise that various provisions of the Code were unwise, and did not command their approval, is too

weak to require serious answer. It is perfectly obvious that a member is tacitly subscribing to the Code of Practice by continuing his affiliations with the Institute. Whenever he finds himself unable to abide by the rules, his resignation should be accepted.

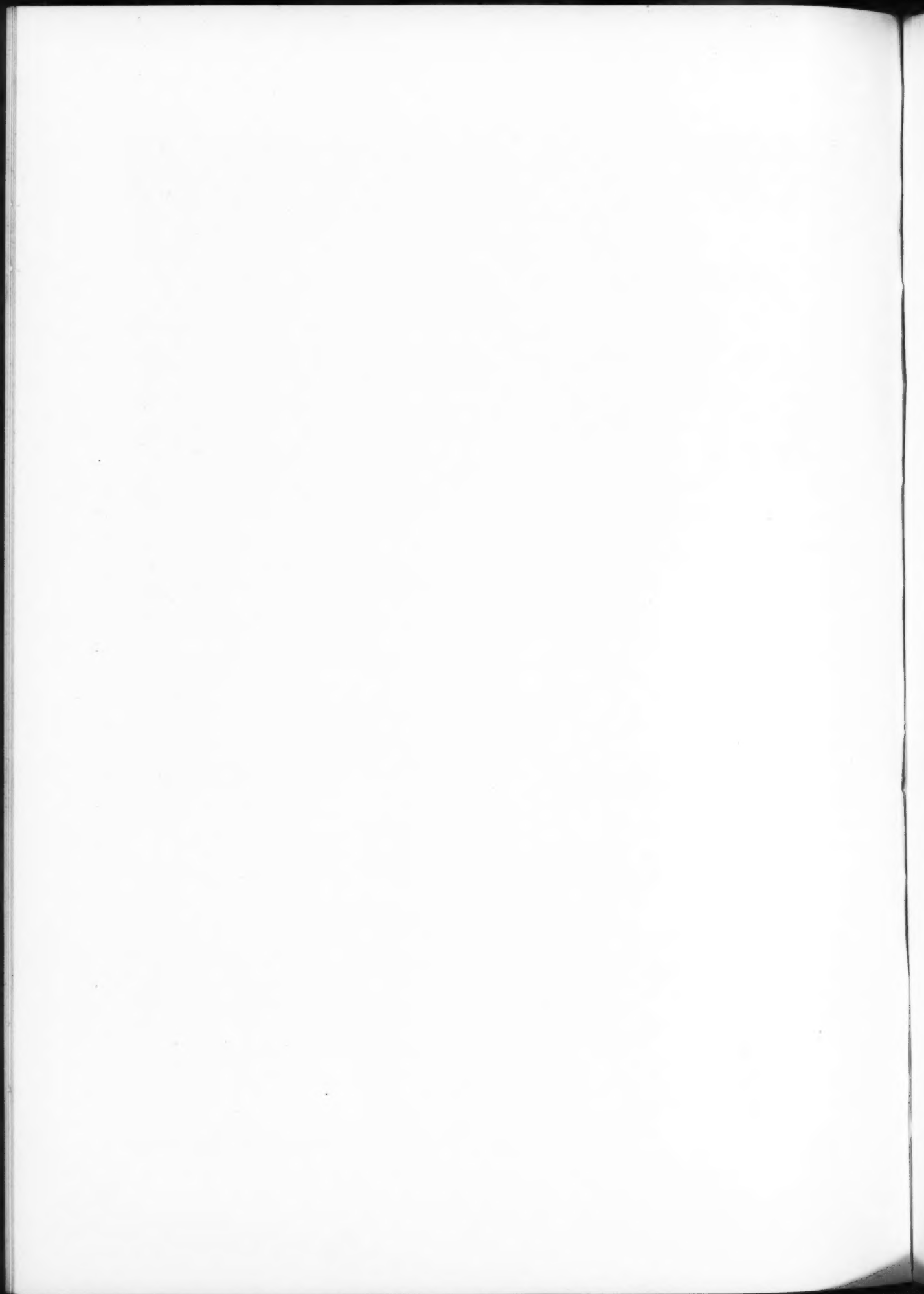
PITTSBURGH'S CIVIC IMPROVEMENTS

*A*N illustration of the relation which the architect properly occupies toward any scheme for civic improvement is furnished by the pamphlet recently issued by the Pittsburgh Chapter of The American Institute of Architects. In this brochure is presented the suggestions of that body for a general rearrangement of certain portions of Pittsburgh's thoroughfares. It will be unfortunate if the Municipal authorities ignore this very comprehensive plan, which in its preparation shows the result of thoughtful consideration of existing conditions by men whose professional activities have placed them in a position to intelligently solve this and similar problems. In a former issue we described at some length the Civic plan that had been outlined for Seattle, and stated that by the forethought of the people of that city a plan had been evolved that would prevent the costly correction of errors that invariably follow when a pre-determined scheme has not been adopted. The City of Pittsburgh is now passing through a stage of its development that has already been experienced by various cities of the country and one which will confront many others in the future. That it is costly is not disputed, but to defer action only adds to the cost. Had Baron Haussmann stood appalled at the expense entailed when he devised a plan for the development of the City of Paris, we would not have before us today such a beautiful and satisfactory example of what can be done to correct errors in city planning.



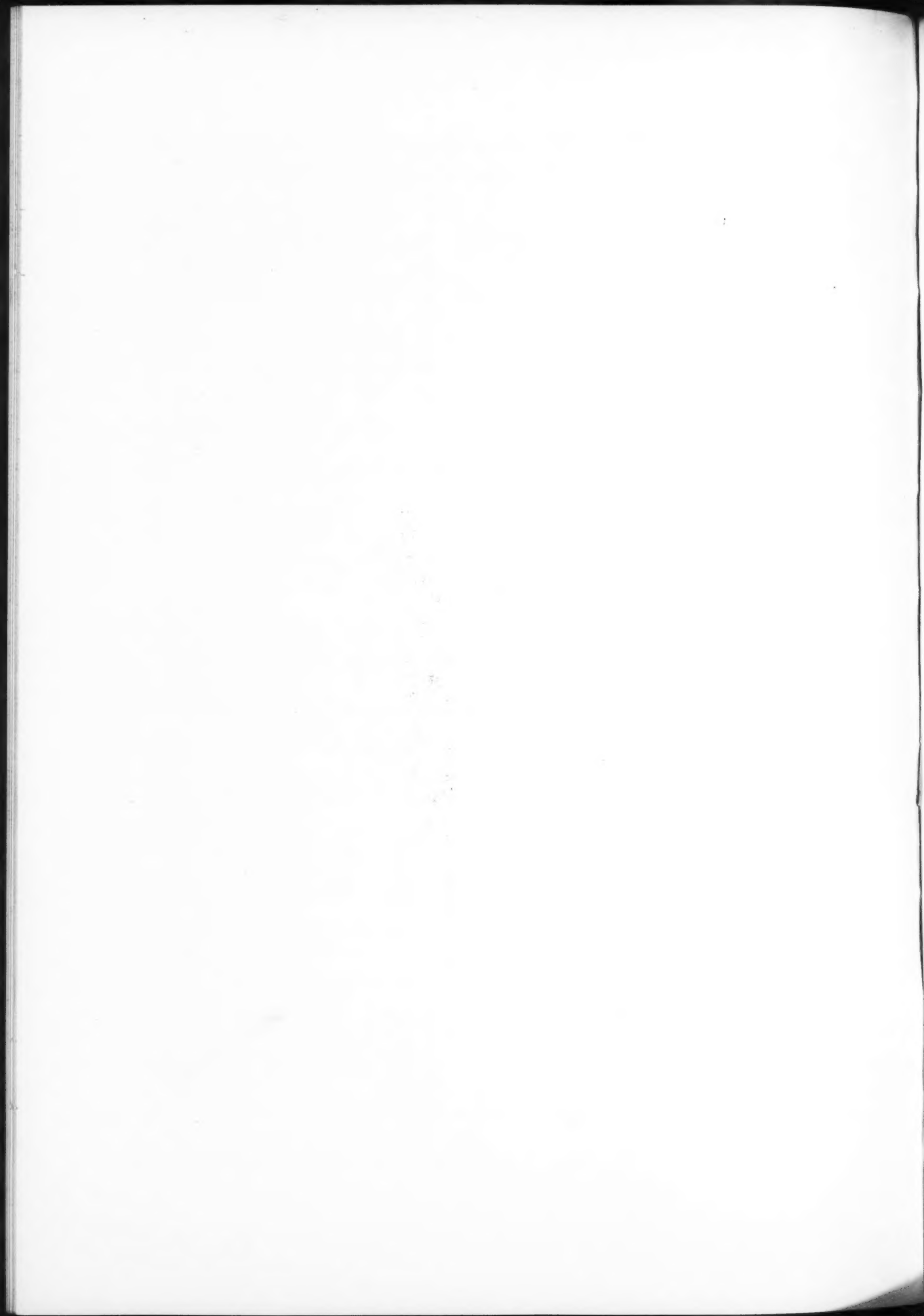
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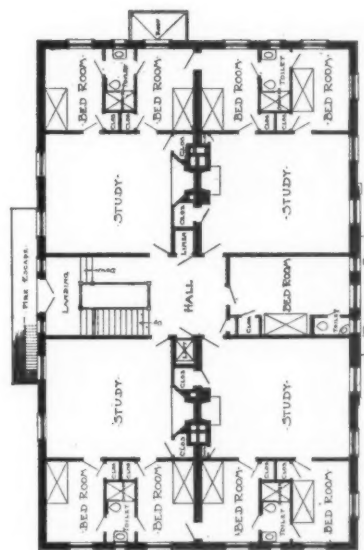
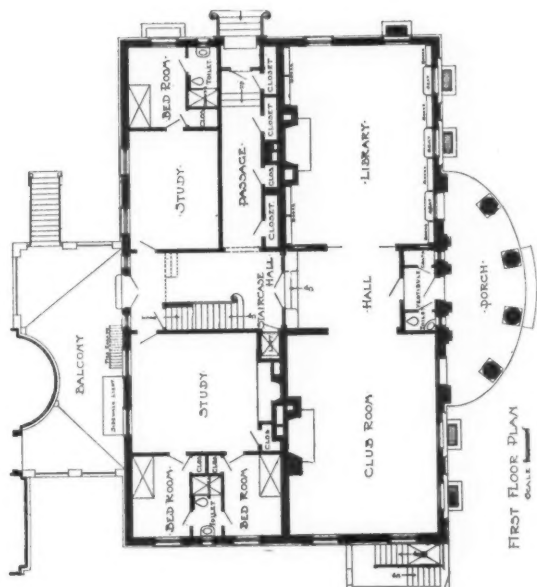
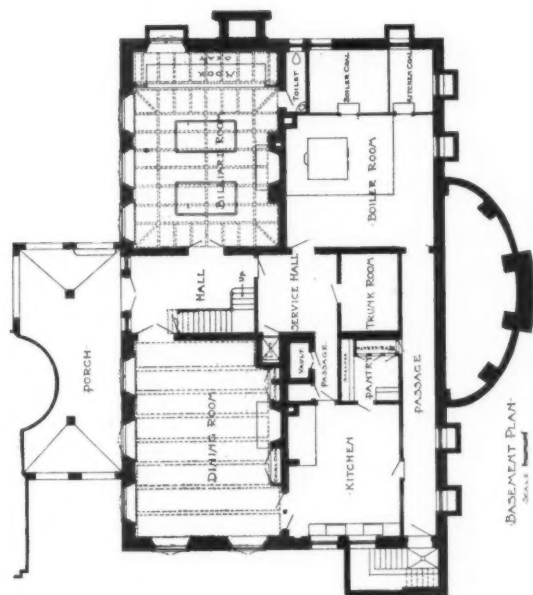
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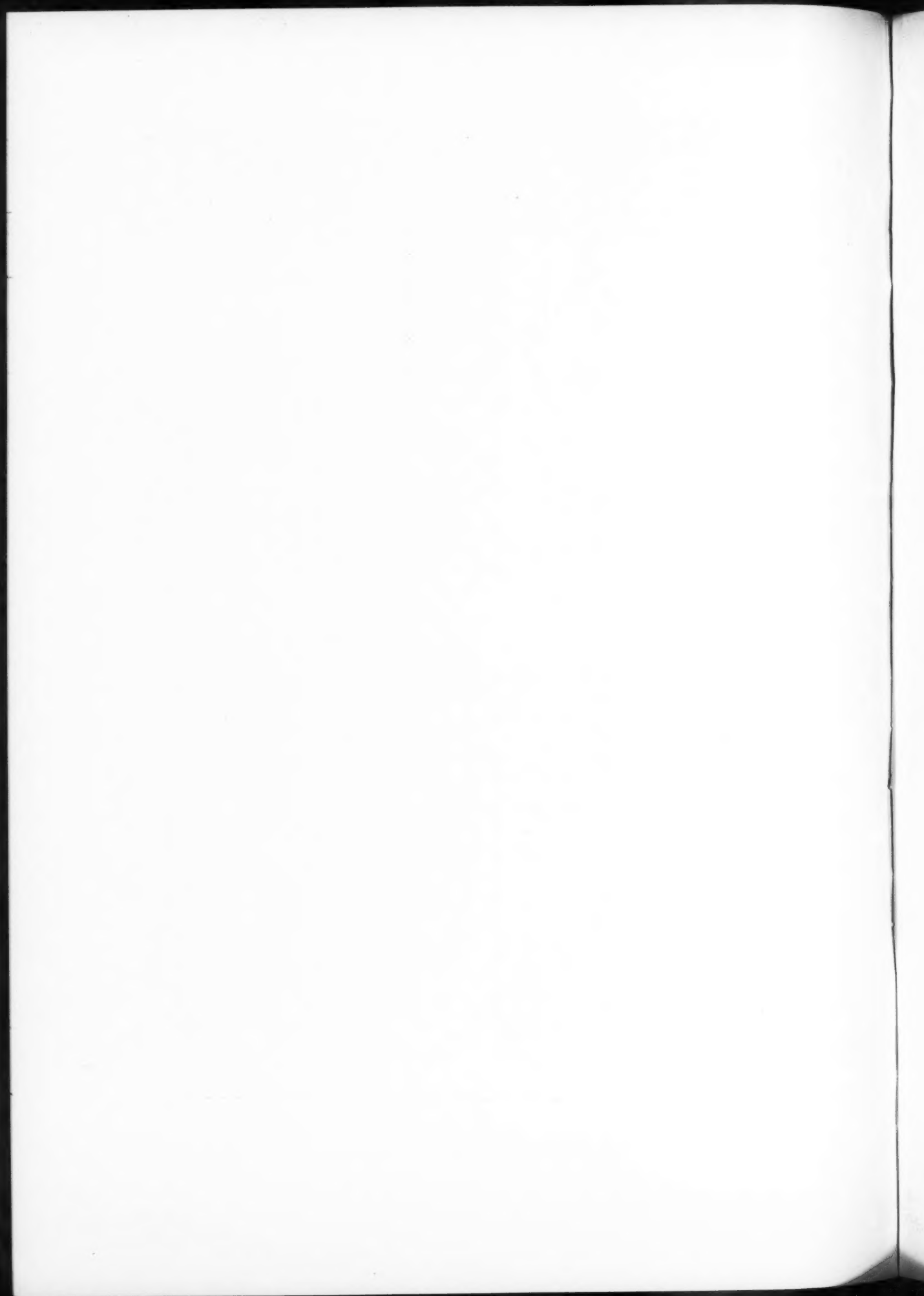
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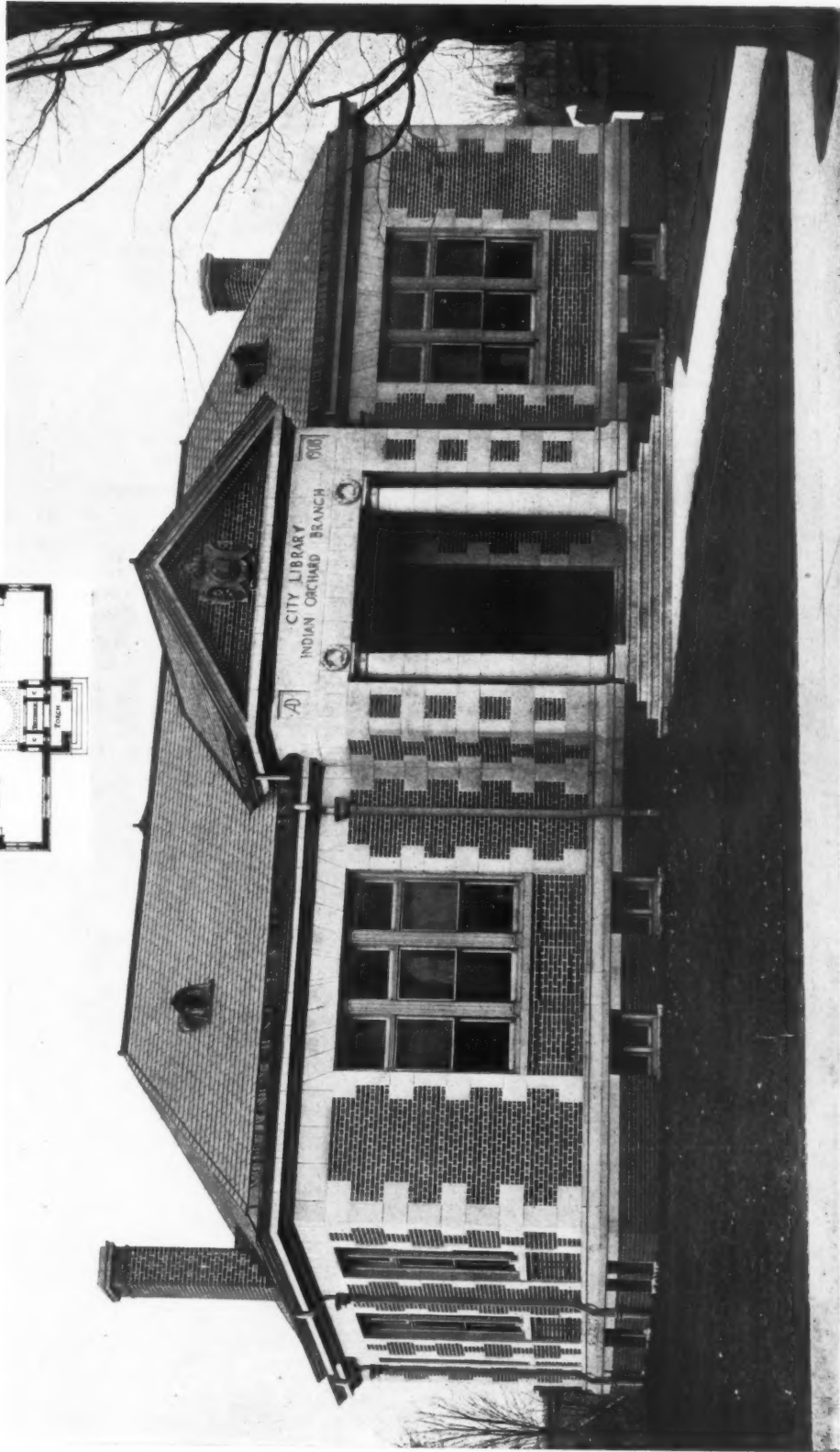
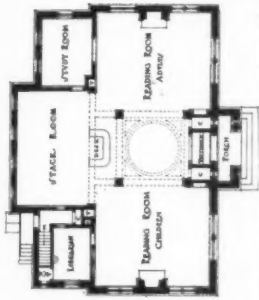


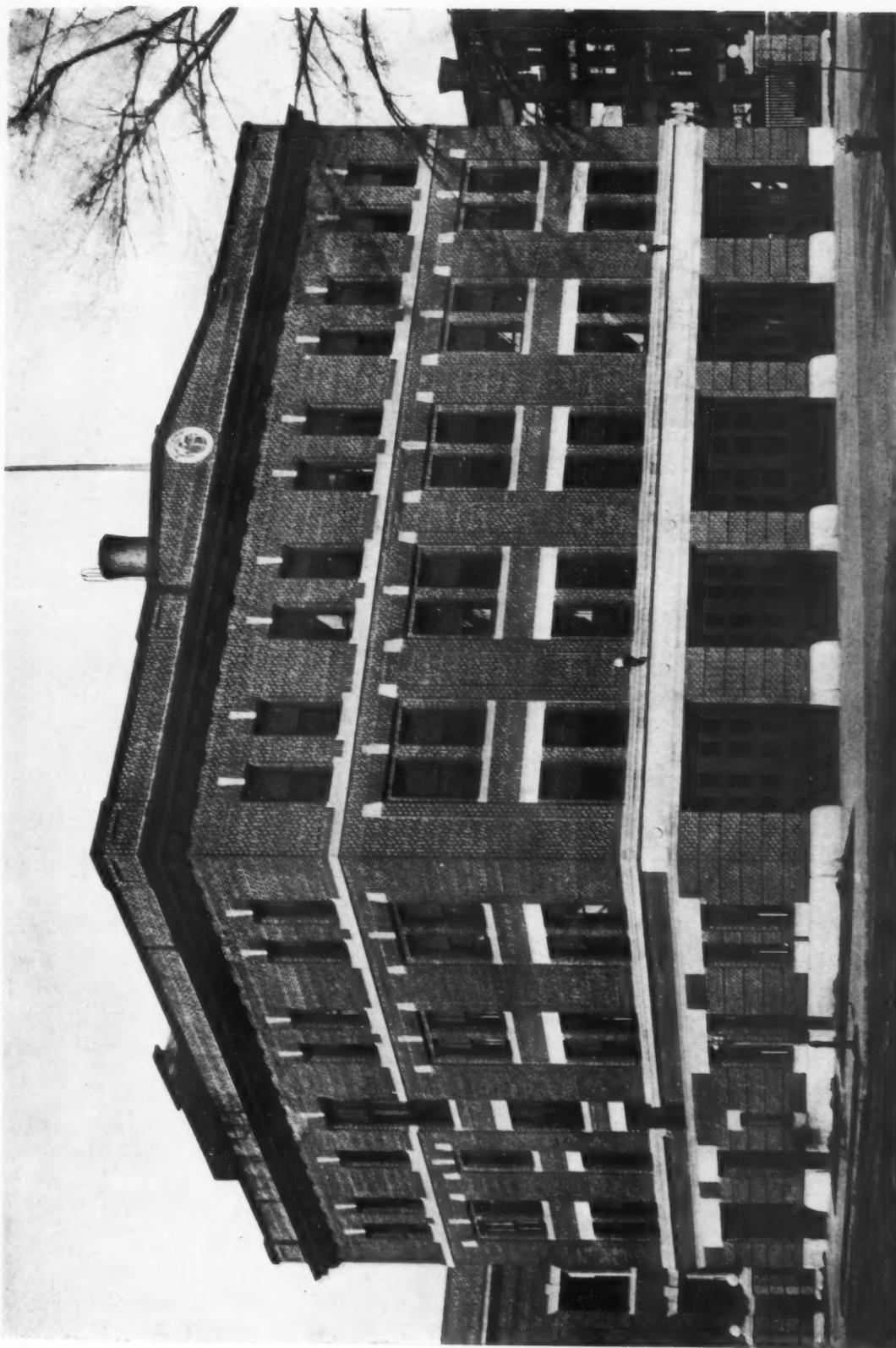
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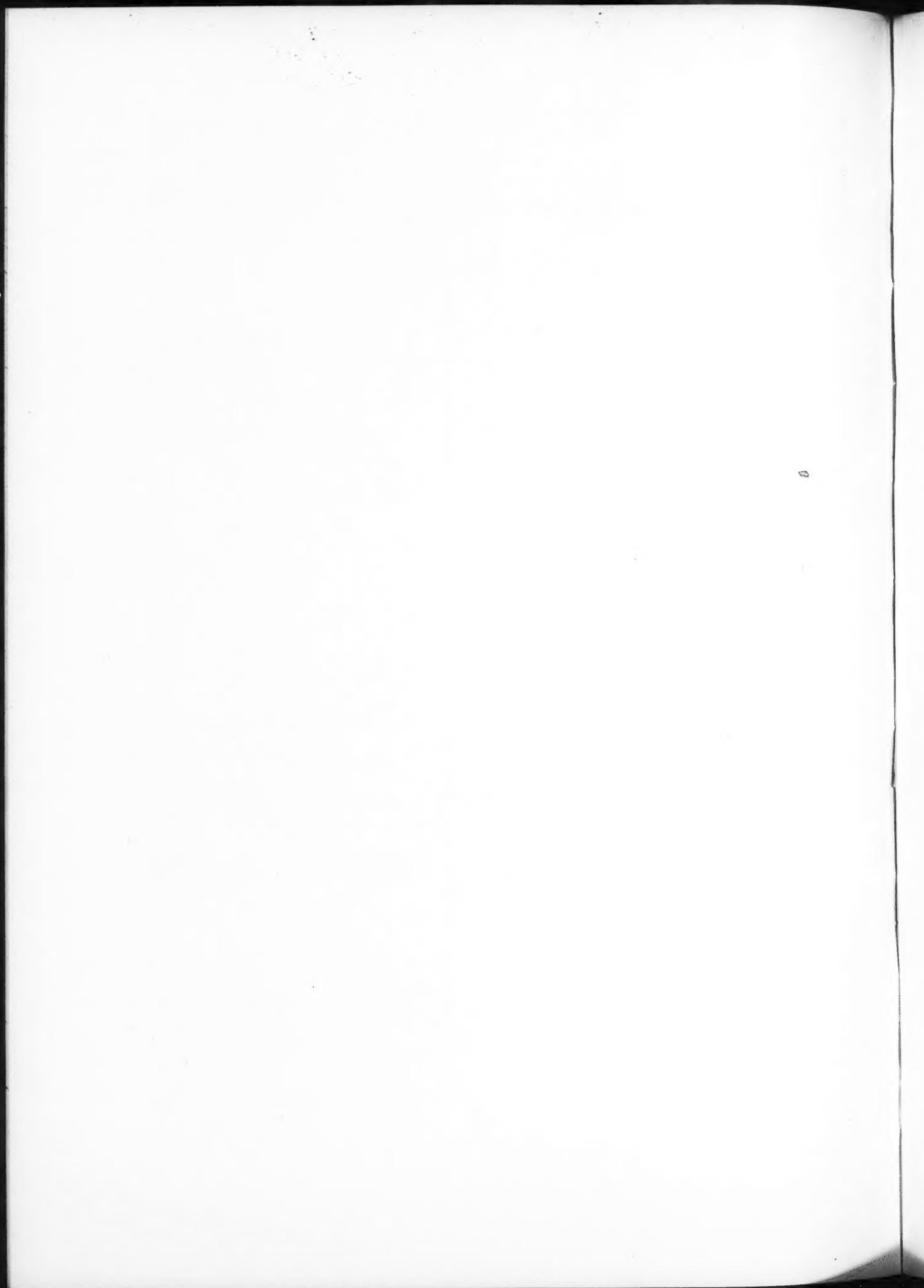
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ARCHITECT

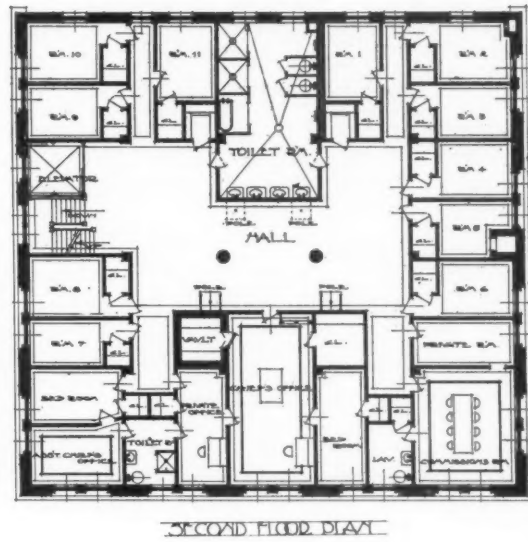
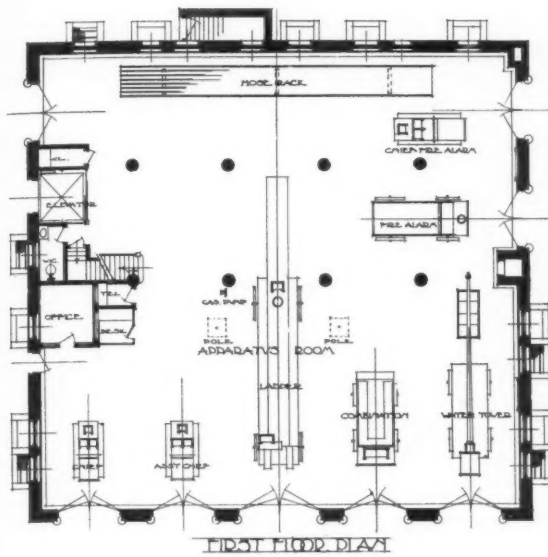




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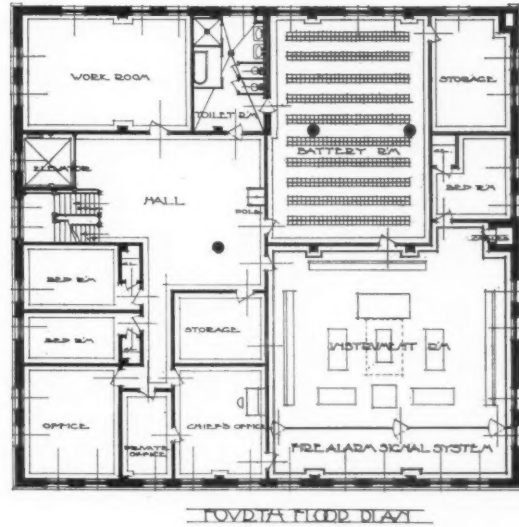
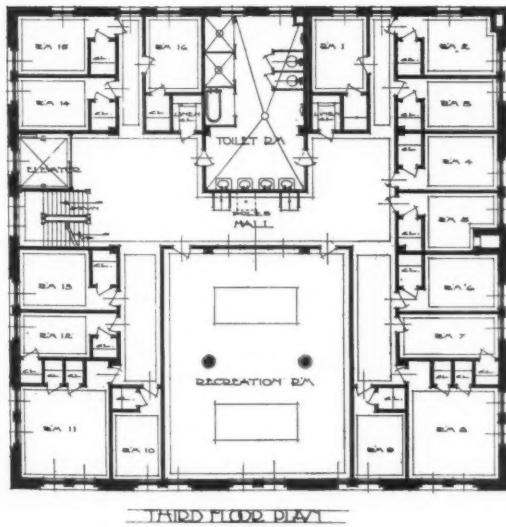
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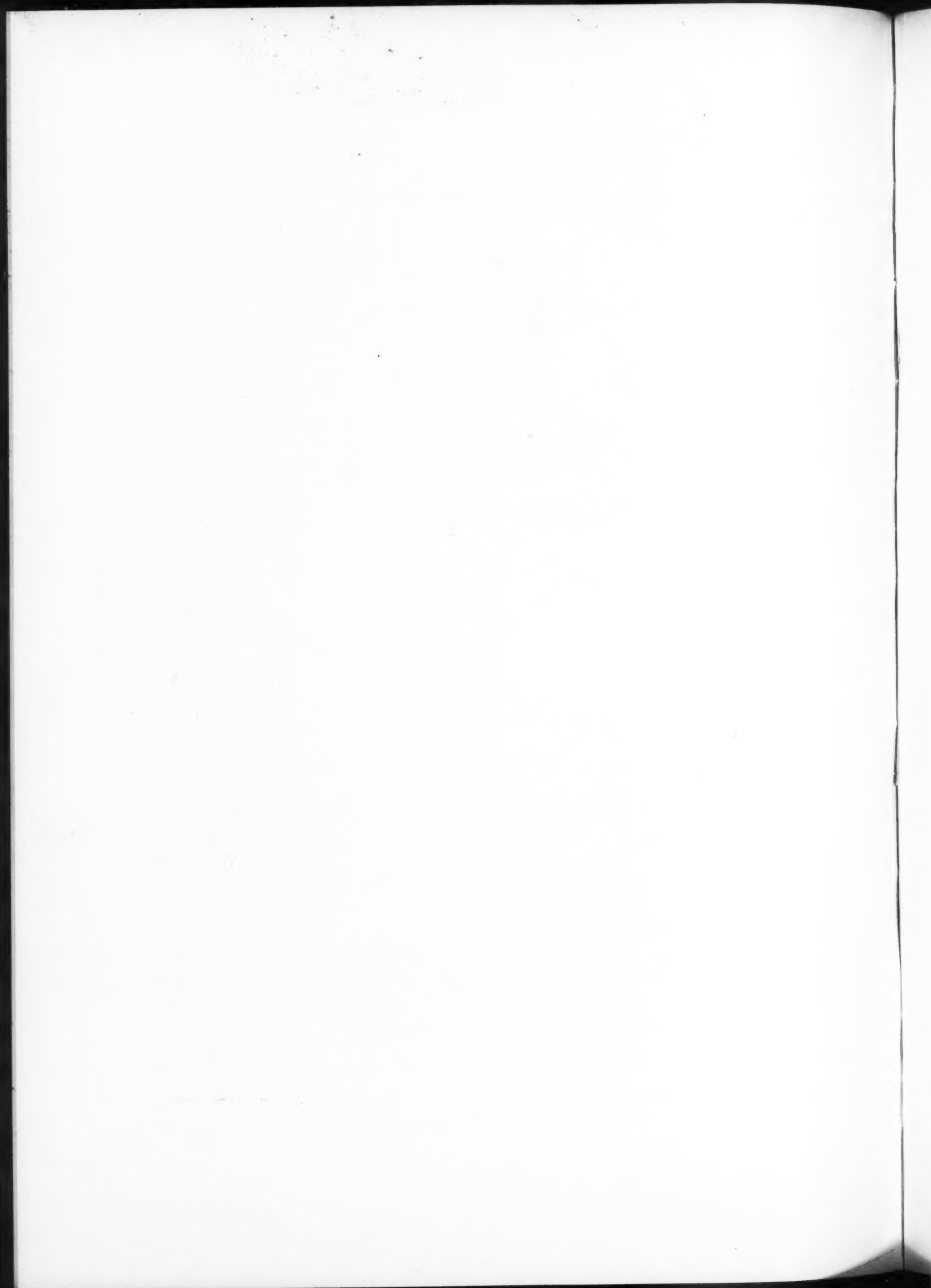


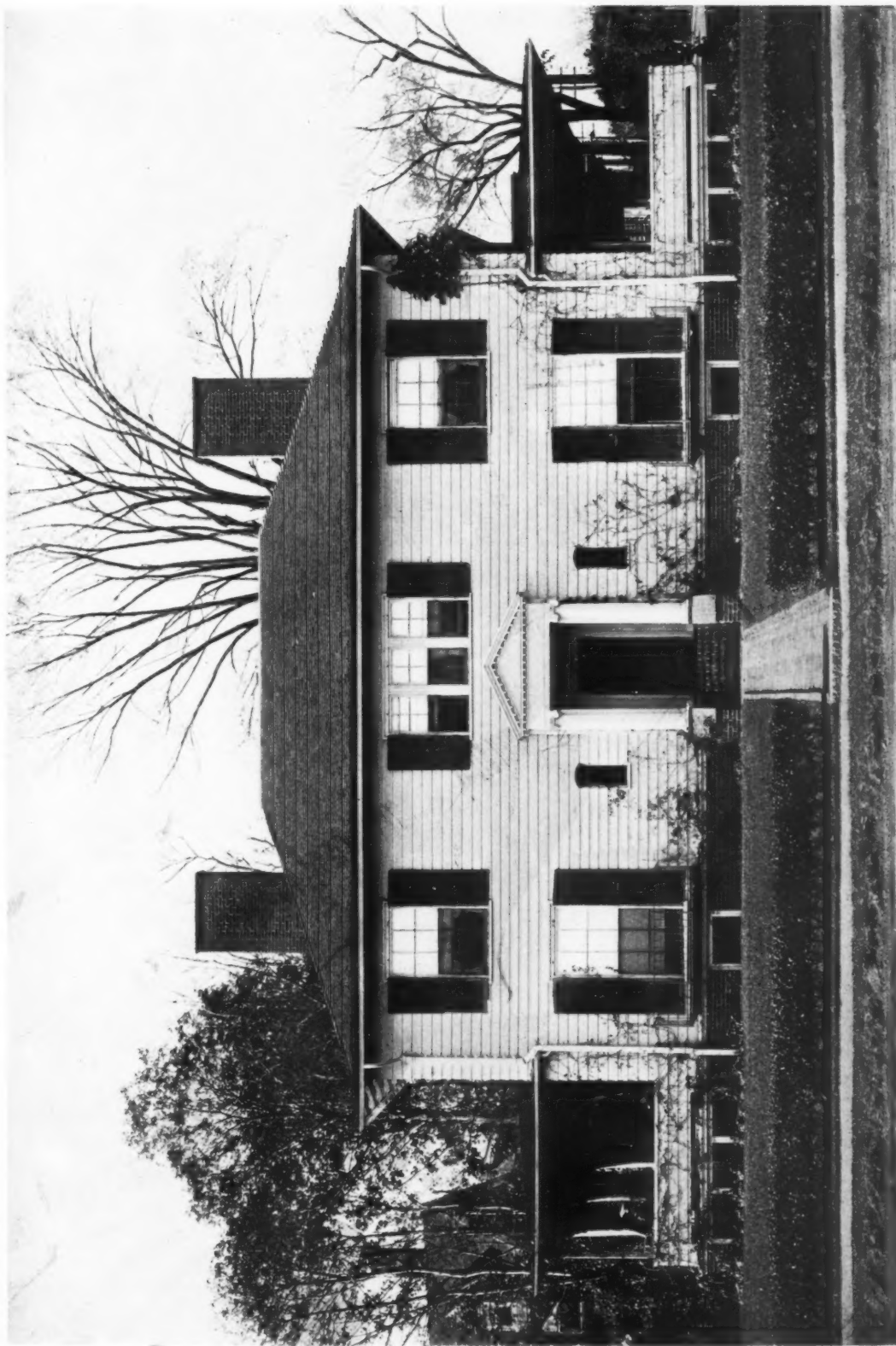


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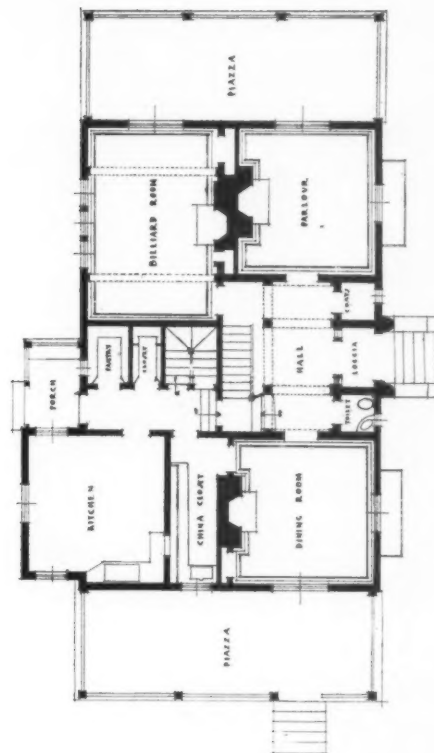
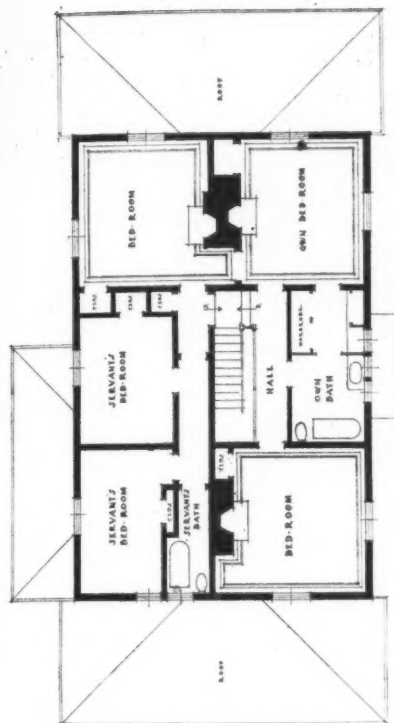
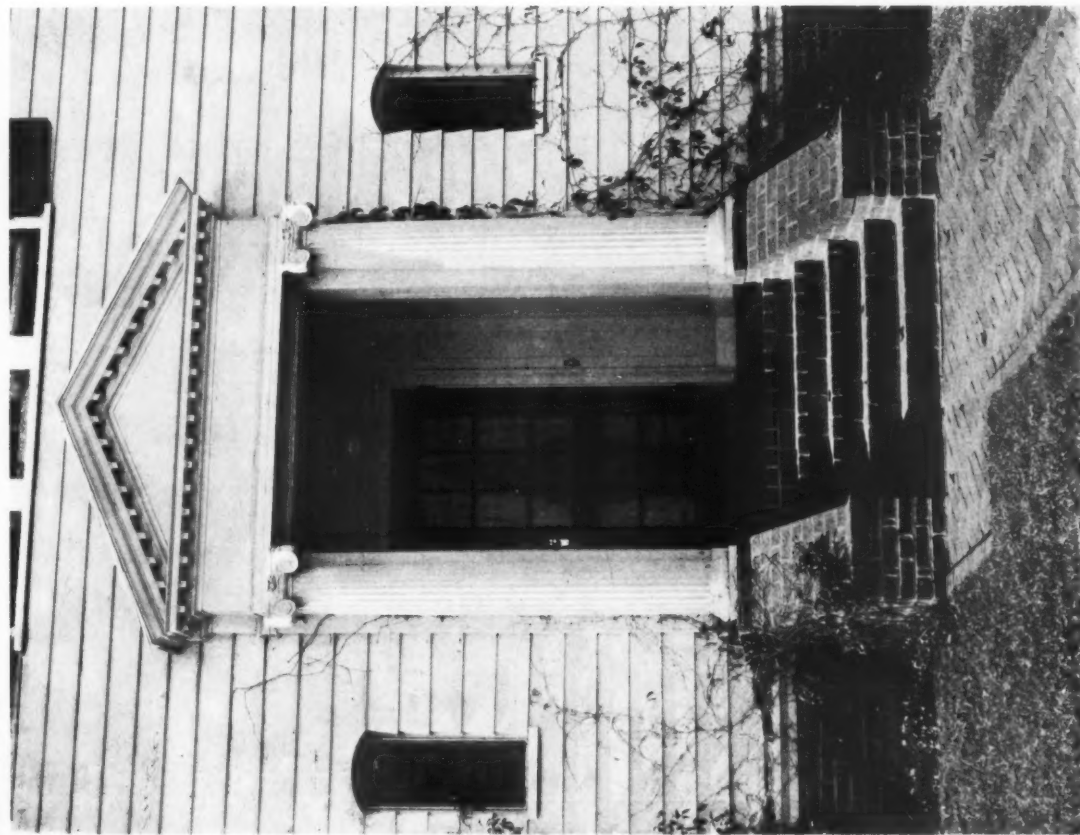






A HOUSE ON LYNN BOULEVARD, LYNN, MASS.

MR. CHARLES K. CUMMINGS, ARCHITECT



A HOUSE ON LYNN BOULEVARD, LYNN, MASS.

MR. CHARLES E. CUMMINGS, ARCHITECT

FORTY-FIFTH ANNUAL CONVENTION OF THE AMERICAN INSTITUTE OF ARCHITECTS

December 12, 13 and 14

SUMMARY OF FIRST DAY'S PROCEEDINGS

THE forty-fifth annual convention of the A. I. A. was called to order at 10 a. m. on December 12 by President Pond. More than one hundred delegates, representing the various Chapters, were in their seats. In his annual address President Pond briefly reviewed the year's work and spoke with many words of commendation of the valuable services that had been rendered by the members of the various working committees.

Dr. William Tindall, secretary of the Board of Commissioners of the District of Columbia, officially welcomed the delegates. Commissioner Johnston was expected to speak, but an engagement with the House Appropriation Committee prevented.

The morning session was taken up with the presentation of committee reports. These were listened to with the closest attention, and as they treat of vital topics in the profession of architecture they will appear in this and subsequent issues of *THE AMERICAN ARCHITECT*.

Declaring that opportunities for the conservation of natural resources exist in the National Capital fully as great as in other localities, Chairman Cass Gilbert in presenting the report of his committee urged that the banks of the Potomac River should be preserved undefaced as memorials of the early days of our national life.

Mr. Gilbert stated: "In every direction we see the ruthless destruction of natural beauty. There are the shores of the Potomac River, the Palisades of the Hudson and the country surrounding Niagara Falls." The report urges that all the historic estates that do not already belong to the Government should be speedily purchased, even if they are not to be utilized for park purposes for centuries to come. We have already accumulated evidence of what occurs when these desirable sites pass to private control. It was believed to be the duty of the National Government to acquire all such property without delay.

In presenting the report of the Committee on Education, Chairman Cram discussed the subject of State licensing as compared with Institute licensing for architects. He urged that Institute membership should be accepted by all licensing boards as satisfactory evidence of fitness to practice, as is now done in New Jersey and Colorado. The report of this committee is of special inter-

est as it discusses the questions of the education of the engineer as affecting his relations to the architect. The committee believes that there should be a broadening of the education of the engineer so that his work may be in closer touch with the architect. This part of the report is unusual and is worth careful consideration.

Supplementing this report the Committee on Education held a conference in the evening participated in by delegates from the Chapters. The object of this conference was to take such action as might be found desirable to co-ordinate the educational interests of the country. The paternal attitude of the Institute toward the young men in the profession, as shown in the work of the Committee on Education, has had most fruitful results, and in the light of plans formulated it is believed that this work will be even more helpful in the future than it has been in the past.

The report of the Board of Directors showed a very gratifying increase in membership. It endorses the Park Commission site for the Lincoln Memorial and regards as inimical to the best interests of the Capitol the scheme to substitute a national roadway for the monument. A large part of the report is devoted to town planning and much emphasis is laid on the prominent part it is bound to assume in architectural practice in the future. Under the head of unprofessional practice the report made public the names of members of the Institute whose violations of the code it had been found necessary to censure.

The report of the standing Committee on Competitions, presented by Mr. Frank Miles Day, chairman, is a very full and clear exposition of this important subject. It will be read with interest by every architect in practice, and it is hoped that the efforts of the Institute as represented by the committee to elevate the standards of practice will receive unqualified support.

Mr. Arnold W. Brunner of New York in presenting the report of the Committee on Town Planning gave a chronological review of the developments of the past ten years in town planning. He referred to the fact that Senator McMillan, on the nomination of the Institute, appointed the Park Commission for the National Capitol, whose work has received such wide recognition that it has established the importance of the trained judgment of the architectural profession in any scheme for

city improvement. The committee presented a recommendation that an effort be made to obtain either State or National laws to effectively carry out judicious systems of town planning.

The afternoon session was taken up with presentation of special papers. Mr. H. A. Gardner, assistant director of the Institute of Industrial Research, read a paper, illustrated by lantern slides, on "Recent Developments in Paint Technology." Mr. C. C. Zantzinger addressed the convention on "City Improvement" and Mr. J. Milton Dyer in an address on the subject of "Effect of Competition on Design" paid a high tribute to the increasing architectural excellence of Government buildings.

The following names have been placed in nomination and will be put on the official ballot. They have been sent in by twelve Chapters and are as follows:

<i>For President.....</i>	Walter Cook.....	100	proposers
<i>1st Vice-President.....</i>	R. Clifton Sturgis.....	67	proposers
<i>1st Vice-President.....</i>	John Lawrence Mauran.....	17	proposers
<i>2d Vice-President.....</i>	Breck Trowbridge.....	50	proposers
<i>2d Vice-President.....</i>	Frank C. Baldwin.....	15	proposers
<i>Secretary-Treasurer.....</i>	Glenn Brown.....	67	proposers
<i>For Directors.....</i>	Irving K. Pond.....	67	proposers
	Edward B. Green.....	47	proposers
<i>(Three Directors</i>	John M. Donaldson.....	69	proposers
<i>to be elected.)</i>	Edward A. Crane.....	33	proposers
	J. B. Noel Wyatt.....	17	proposers
<i>Auditor.....</i>	T. J. D. Fuller.....	33	proposers
<i>(One to be elected.)</i>	Wm. J. Marsh.....	17	proposers

Members of the Institute to be advanced to the rank of Fellows, in accordance with a report of the Board of Directors, are as follows: J. Milton Dyer, Cleveland; John Hall Rankin, Philadelphia; A. N. Rantoul, Boston; Lloyd Warren, New York; H. B. Wheelock, and C. C. Zantzinger, Philadelphia.

Notes of the Convention

Mr. George B. Post's appearance on the floor of the convention during the afternoon session was greeted with much enthusiasm.

A feature of the opening session was the presentation to the Institute of the table upon which President Madison signed the treaty of Ghent. The presentation was made by the San Francisco Chapter. This table was in the Octagon, the present headquarters of the Institute in Washington, at the time President Madison had his residence there, following the burning of the White House by the British. This historic piece of furniture was sent to San Francisco in 1889. It was secured by the San Francisco Chapter and through the good offices of this organization now finds a final resting place in the Institute's official home.

* * *

The Committee on Public Information, headed by Mr. D. Knickerbacker Boyd, of the Philadelphia Chapter, is accomplishing excellent results in giving out to the press reliable and complete matter as to happenings on the convention floor.

* * *

Many delegates from distant cities are accompanied by their wives, who display a keen interest in the proceedings and are constant attendants at the sessions.

* * *

The very harmonious and fraternal spirit displayed, not only in debate but also during the evenings when delegates crowd the lobby of the Willard, is no doubt one reason why so much is accomplished in so short a time at these annual gatherings.

* * *

Mr. Walter Cook was tendered an ovation when he arose to present the report of the Board of Directors. It proved that Mr. Cook's nomination for the presidency, which was of course equivalent to his election, met with general approval.

THE PRESIDENT'S ADDRESS

THE American Institute of Architects is assembled once again in convention. It is the function of this assemblage through pronouncements and carefully considered enactments, to minister to the welfare of the Institute, and incidentally though inevitably in so doing minister to the well being of the profession at large for the status of the entire architectural profession in America is determined by the pulse beat of the American Institute of Architects. A realization of this fact must fill the Institute members with a certain sense of responsibility.

Let us hope that the deliberations of the forty-fifth convention may be conducted with the same idea of advancing ethical and aesthetic standards and in the same spirit of mutual concession and harmony which prevailed in San Francisco last year. Animated and forceful debates is to be welcomed for its invigorating and clarifying qualities, but the many sided problems which are liable to seek solution at this time should be discussed altogether upon their merits, without personal animus, and respectful consideration should be paid any idea which is advanced for the general good. Ideas and not individuals or committees rule

in the American Institute of Architects. Too often when the activities of the Institute have been under consideration, both in convention and in public, and private discussion, it has been assumed that the officers or the board or the committees were trying out some special scheme of their own, whereas in fact they were endeavoring solely to carry out the instructions of the convention. Although the by-laws give the Board of Directors almost unlimited authority to act for the Institute between conventions, it in reality seldom does act in other than its executive and judicial capacity. Officers, boards and committees find sufficient exercise for their powers in performing the duties prescribed in constitution and by-laws, and in trying to carry out the expressed will of the Institute. In short, officers, boards or committees do not make laws or rules for the Institute, but the Institute in convention makes the laws or rules, and officers, boards or committees endeavor to put them into execution.

Let this be remembered in discussing the questions which arise or in commenting on the activities of any executive branch of the Institute.

The committees of the Institute deserve the most grateful recognition. The time and energy spent by many committees in carrying out the will of the Institute is exceedingly great, and only the initiated can appreciate the continuing sacrifice. The committee chairmen of necessity bear the brunt, but their labors may be lightened by sympathetic support within the committee. Therefore, for the good of the cause, may your president suggest that hereafter any committeeman who feels the shroud of apathy drawing around him, or one who, by ill health, is incapacitated, or one who for any reason cannot come to his task with clean hands, should resign and let active, pure blood fill the place.

Under our expanding conditions committee work is bound to become more and more complicated and burdensome to the individual, and therefore it seems to your president that the office of the secretary not only, and as speedily as possible, should be put upon a modern business basis, but should be equipped to be the center of committee operations, all material being gathered by subordinates in the office, formulated and disposed under the direction of the various committee heads. This means increased expenditure, but in no other manner, it would seem, can the growing committee work be prosecuted to the relief of the individual and the welfare of the Institute. It seems desirable at this time to reaffirm certain of the principles for which the Institute stands, that the willful perversions of many and the ignorance of few, mainly outside of though sometimes within the organization, may not serve to lessen the good influence the Institute seeks to exert.

The American Institute of Architects stands as guardian of the interests of the client and the community quite as much as the welfare of the individual practitioner and the profession generally. Its codes are to protect the client as well as the architect. Its fundamental ethical principle is based upon the idea of justice and fair dealing as between man and man, be they architect and client or architect and architect;—upon a recognition of individual rights and individual duties. If schedules are established it is not that the architect may have a lever with which to pry loose undesired money from the client—but that both client and architect may have an authoritative basis on which to compute values. If codes of ethics are formulated it is that the unthinking and morally untutored may know what always instinctively has guided the actions of unselfish and fair-minded men—and themselves be guided.

If competition codes have been put into effect, it is not that the rights of the client be interfered with, or the liberty of the architect be limited, but that the duties of each under the premises may be made manifest, and if the schedule and canons of ethics are incorporated in the competition code, it again is not to curtail the right of the client, but to suggest to him that under the rule of common decency he has no right to play one architect as a pawn against another, or seek to command the highest technical and professional skill at a price at which the scantiest and most indifferent service cannot begin honestly.

The operations of the code to date would seem to indicate that the public recognizes their worth and inherent justice to a wider extent than does the profession even, for in a multitude of instances clients, upon seeing the code, have voluntarily modified their program, while in more than one instance an "unprofessional" competition has been conducted because the architect involved did not attempt to familiarize the client with the code, or because the architect involved did not wish a fair competition, relying on "personality" and "pull" to land the prize.

Another principle on which the Institute firmly rests is that in its membership shall be included only men of the fullest moral and intellectual stature, men who will not betray their client, men who will not try to deceive themselves, men who hold the welfare of the community para-

mount to their own or their clients' individual interest, men who know the value of beauty and decency as a communal asset and are willing to make sacrifices for the ideal, men who know that the relationship between personal morality and the power to create ideal beauty in the individual is very intimate, men who know that the capacity to appreciate ideal beauty rests upon a groundwork of broad culture and deep sentiment rather than upon commercial success. The defection from its ranks of men wanting the above qualities cannot permanently or long, if at all, cripple the work of the Institute, even though in popular estimation they hold an exalted place in the profession. The strength of the American Institute of Architects lies not in the number, but in the moral and artistic calibre of its members.

Personally, your president would hail the time when the correct apprehension and application of the ethics of business and of competitions and of the set rule shall be as a matter of subconscious performance in the mind of the practitioner and the period of the Institute reunions be given up to the cultivation of the social amenities, and the development of the sociological, ethical and aesthetic plans of architectural art. Personally, your president would rather in this, his final address, consider the aspect of our American civilization and the possibilities of its adequate expression in architecture, but the reports from various committees of the board indicate that certain ethical questions are ripe for discussion and cannot be ignored by the president at this time, and he, therefore, without arguing the case, suggests, and he hopes needlessly, that the convention consider seriously, unimpassionately and impersonally all phases of the matter before changing radically the essential ideas underlying any code of the Institute. Consider carefully if a backward moral step will result from the change; consider if in any sense just relations between man and man will be impaired. Whatever has tendered to impede healthful action may well be cut away, but consider carefully before touching the vital parts.

If any phase of the competition code so-called comes under consideration, please remember that individuals, many of them and chapters even, have come into the Institute knowing the full meaning and bearing of that code, and intending to live up to it, and let this fact have weight with the older members. Remember, too, that great municipalities are favorable to it, one at least having introduced it into its charter.

Remember that great corporations and institutions have considered it favorably, and that only politics and ignorance have condemned it in principle—and let this fact count in your deliberations. Clear up ambiguities in all the codes but maintain all standards of fairness and justice in personal dealing.

Some little time since the American Institute of Architects was jocularly denominated a "gigantic trust." In some quarters this "soft impeachment" was regarded seriously—so seriously indeed that your president was asked to refute the charge in print. Certain it is that the American Institute of Architects is not a monopoly, for it does not contain all the morally-minded and technically-skilled members of the profession. Indeed, there are many outsiders who consider themselves ethically and aesthetically superior to any individual and collective exhibit the Institute can make. The aesthetic phase may be ignored now, but how do they square the ethical? Their position seems to be that of one who rises early, surreptitiously reads his neighbor's newspaper and returns it properly folded to the door stoop, enjoying the fruits of the neighbor's toil without sharing the cost. Less than one-fifth of the number of so-called practicing architects of the United States are in the Institute, and this little one-fifth asks to be permitted to turn over to the big four-fifths the work of any client who does not desire to play fair. At the same time the Institute in no way presumes to interfere with the

rights of individual contract on the part of one of its members. This attitude hardly smacks of monopoly or of trade unionism. The Institute is not unfair when it suggests—yes, insists—that at least the minimum rate prevail in competitions. Ignoring the great economic waste involved in competitions, for which the client never can compensate, the minimum rate is none too large for the service of men of Institute calibre, whether in the Institute or not, and it is fully within the province of the Institute as an altruistic body to aid a man in the establishment of his rights and in the accomplishment of his duties. A man may have a legal right to sell himself for less than the value his creator intended should be placed upon him—but he has no moral right, and no body of morally-minded men is going to organize to aid and abet him in his self prostitution. The Institute has saved many a man from himself. Your president deplores again the seeming necessity for referring to these matters of professional ethics which should long ago have stirred minds and consciences to subconscious activity and have not.

Your president had the honor to represent the Institute at the Ninth International Congress of Architects in Rome—being also one of those delegated to represent the government of the United States. Matters pertaining to the

Congress are fully set forth in the committee reports. It also was the good fortune of your president to be present at the Council dinner and at the opening session of the Royal Institute of British Architects—where he had the honor to second the vote of thanks to President Leonard Stokes for his excellent inaugural address. The cordial reception of your president shows the high esteem in which your Institute is held. Messages of kindest regard were given to your president—to transmit to this body. The problems which the Royal Institute of British Architects is called upon to solve much resemble our own and every forward step we take aids them, as every advance they react as a direct benefit to us.

Your president cannot refrain from referring at this time to the loss which not only be personally, but the whole Institute, sustained in the untimely death of John M. Carrère. Especial mention of Carrère's enthusiastic work and unselfish service to the Institute was made in the president's address one short year ago. To-day he is not with us, but his gentle spirit is upon us as a benediction. The Institute has lost a power and every member has lost a friend.

The program is so full that your president refrains from further intruding upon the time of the convention.

REPORT OF STANDING COMMITTEE ON COMPETITIONS

THE Standing Committee on Competitions reports that with the aid of a subcommittee for the territory of each chapter, some thirty-one in all, it has pursued its work with diligence throughout the year. This work is of several kinds, the most elementary being that of making known to members and the public the principles of competition practice approved by the Institute.

The diffusion of a knowledge of these principles has been fairly rapid not only among members but among architects generally, and the Institute's policy has received in many instances the support of architects who are not members of it. Yet it must be remembered that there are many reasons why the instruction of architects in these principles is not in itself a thoroughly effective remedy for the evils of competition. Such information, though widely diffused, in many cases fails to remain long in mind. With some architects the temptation to take part in ill-regulated competitions is too strong to be resisted. To others, the principle itself makes no appeal. Yet the campaign of education must go on with vigor, for the effort to raise the standard of competition practice does make an appeal to the very man whose aid is best worth having.

Although it is futile to hope that the public generally can be so informed as to competitions that the infinitesimal part of it charged with conducting them may come to the task with any knowledge of the subject, yet there is becoming diffused among intelligent people the idea that rules for playing the game really do exist. The spread of that idea, leading as it does upon occasion to further inquiry, is perhaps the most that the Institute can hope to accomplish in educating the public.

It is precisely because a mere process of education can never bring any large proportions of building owners to put forth equitable programs or keep architects from competing under inequitable programs, that the Institute has had to take stronger and more and more direct measures. For the education both of architects and owners the Institute has issued its "Circular of Advice Relative to

the Conduct of Architectural Competitions." Further than offering architects generally, and owners in particular, the advice contained in its circular, the Institute does not, and should not, go. It would be both improper and unwise to attempt to force the owner to carry on his competition in any way which, after due consideration, seems to him prejudicial to his interests. The Institute has no status with the owner other than as one that offers advice to which he may listen or not at his pleasure. Its status with architects generally is the same as with the owner.

There is, therefore, but one class to whom it may speak with authority—its own members; and to that class it does speak with an authority which derives its just powers from the consent of its members. For their government the Institute had prepared its Code of Competitions and formally ratified it in its convention. If there be any members who deem the code injurious to the welfare of the profession it is their duty to seek its modification or repeal. But while it stands it is their duty, as it is that of all members, to give loyal support to it and its operation.

The chief duties of the Standing Committee on Competitions and of its subcommittees have been in connection with the operation of the code, and the first fact confronting them is that members of the Institute have not, as a rule, a competent knowledge of the provisions of it. Fortunately, that knowledge is not very necessary except to the members of the committee and subcommittees and to members who attempt to advise owners. The average member need know but one thing about it, viz.: that for him it is unprofessional conduct to take part in any competition the program of which has not received the formal and express approval of the Institute. Yet even an idea so easily grasped seems not to have been fully understood by all members.

To familiarize the subcommittees with their duties and to urge them to be vigilant in performing them, the Standing Committee has addressed circulars to each of the more than one hundred members. With so large a proportion of the Institute's members (more than one in every ten)

serving upon these committees, a better knowledge of its principles will undoubtedly be rapidly diffused.

One of the most important duties of the Standing Committee, and of the subcommittees, is the guidance of those about to hold competitions. This is a duty which has to be discharged with much tact, and if so discharged it very frequently results in bringing the program into harmony with the Institute's principles. The committee has been greatly struck by the number of instances in which a program that otherwise would have been of a most unsatisfactory character has, through the work of Institute members, been placed upon a level on which it would receive the Institute's approval. The giving or withholding of that approval is the most critical work with which the committees have to deal. It calls for a most competent knowledge of the code and for the utmost discretion.

The subcommittees as a whole do not respond for requests for reports with as much promptness and completeness as might be desired. It is, therefore, impossible to give such accurate statistics for the competitions of the year as the Standing Committee would desire to present. But a summary of the excellent reports from some of the chapters may be of interest to the convention.

The report of the subcommittee for the territory of the Boston Chapter shows that of the programs brought to its attention four were such that approval could not be given. In one of these cases, however, the recommendations of the subcommittee that the competition be abandoned and an architect secured by direct choice was followed. In five cases the programs for buildings costing from \$20,000 to \$130,000 were approved.

The subcommittee for the territory of the New York Chapter reports having given approval to five programs and withheld approval from two. Among the five approved some were at first defective, but were put into proper form by the labor of the committee.

The Philadelphia subcommittee reports three competitions, all of considerable size, and each of which was approved. In two of these competitions, the subcommittee secured very substantial modifications in order to bring the program into conformity with the code. In addition to these three competitions the subcommittee made unsuccessful efforts to bring within the sphere of its influence four other competitions, only two of which were of importance. They were all of an absolutely impossible character, and as far as known no member of the Philadelphia Chapter participated in them. In Philadelphia the principles of the code are strongly upheld and vigorously enforced.

The Connecticut Chapter finds conditions relating to State work particularly difficult, owing to the fact that an act of the Legislature prescribes that the State may not secure the services of an architect without a competition; that there shall be a public hearing at which all competitors may present the merit of their plans and specifications and that any or all plans may be rejected. It is obviously the duty of the Institute to give earnest support to the Connecticut Chapter in an attempt to have so ill-considered an act amended or repealed.

The newly formed Milwaukee Chapter has had but brief opportunity to take part in the improvement of competition practice. It has found conditions bad in its territory. Nevertheless, a competition for a House of Correction for which a highly unsatisfactory program was drawn has, through the efforts of the subcommittee, been got into such excellent shape that it is on the point of receiving the Institute's approval.

Within the territory of the St. Louis Chapter several unapproved competitions have been held. In the two in which members of the Institute took part the subcommittee has reported the facts to the Committee on Practice and the cases are in progress.

In Chicago, conditions appear to be worse than in any of the larger cities, or perhaps it might be more truly said

that though conditions are no worse, the attitude of members of the Institute has been such that it has been difficult to improve these conditions. Two competitions, one for a structure of great size, both mere unregulated scrambles, have been participated in by members of the Institute. The Committee on Practice has carefully investigated these cases. The authorities of the Institute will doubtless handle them with promptness. It is fair, however, to say that even in Chicago, a majority of the members of the Institute are entirely loyal to its principles and will support them, but they need all the help that the body of the Institute at large can give them.

The subcommittee for San Francisco reports that "in its endeavor to have the code adopted (this subcommittee) has been able to secure in many cases an abandonment of the competitive method, and the architects have been selected by direct appointment. We do not claim to have accomplished this result in all cases. There have been many small competitions, but in only two or three instances have members of the chapter participated. The committee has taken these members to task and are of the opinion that they will not again enter an unauthorized competition. On the whole we find the code working very well and feel that it is certainly accomplishing good results."

Upon the Pacific Coast several competitions for important structures have recently been held under programs approved by the Institute; notable among these are the City Hall at Oakland, Cal.; a temple of justice and group plan at Olympia, Washington, and an auditorium at Portland, Oregon. In this connection it is interesting to note that the law governing the Portland auditorium states that competitions for architects' designs shall be held "in pursuance of the rules of the American Institute of Architects."

The subcommittee for the territory of the Central New York Chapter has struggled with great firmness and ability against the bad conditions existing in that territory. One of its members writes: "We are feeling pretty much wrought up over competitions, and I do not think there is the slightest doubt but that we will dismiss from our membership those who have taken, or who may take part in unapproved competitions. The most serious part of the situation is the fact that Institute members, a number of them prominent in the profession, took part in such a competition here. I feel sure that unless the Institute takes vigorous action in these cases the Central New York Chapter will come pretty near going out of business. We have stood by the Institute loyally, and we now want the Institute to stand by us."

The subcommittee for the territory of the Pittsburg Chapter reports: "Although a number of our members felt that the code would be a hardship to architects, we found, after a fair trial, that it is a positive benefit in many ways. It has elevated and dignified the profession in the eyes of the public, which is gradually becoming familiar with its objects, and is beginning to realize that it is to its interest, as well as to the interest of the architect, that it be recognized as the standard of practice. It has resulted in the direct selection of the architect in a number of instances, and where competitions were unavoidable our advice has been sought as to the best method by which they should be conducted."

The subcommittee for the territory of the Louisiana Chapter for a year or more labored with the competition for the H. Sophie Newcomb Memorial College, with the result that in the end an admirable program has been adopted.

The Standing Committee itself has had to deal with many competitions for structures that did not lie within the territory of any chapter. It has refused approval to two, one of them being a State capitol, the program for which was not only vicious but was calculated to lead members of the Institute astray by naming as competitors sundry distinguished architects, who at once stated that

they had no intention whatever of participating. The Standing Committee has given its approval to five programs, several of which it assisted in getting into proper order.

The Standing Committee draws the following inferences from its own and the subcommittees' experiences:

First—An excellent and a not infrequent result of the application code is the abandonment of a competition and the direct appointment of an architect.

Second—In some cases where in the end the program fails to receive approval, it nevertheless is greatly improved by efforts to gain the approval. Thus in a recent case a programme which at first had five grave defects ended with but one.

Third—Many competitions which have made a bad start are gotten into the right way by the mere insistence of the Institute that there shall be a professional adviser, and even when the adviser cannot secure a good program the work of the subcommittee and its refusal to approve a bad one bring about the desired changes.

Fourth—There have heretofore been held, and even without the code there would still be held, a certain number of properly conducted competitions. But it is now far easier than ever before for the expert to bring every part of the program to a high standard. None but an adviser wrestling with a headstrong committee can realize the value of the Institute's statement of what constitutes good practice. Only one who, as an adviser, has been through such an experience can realize the power to enforce proper conditions that lies in his own statement that failure to establish them means a loss of the ablest competitors and his own refusal to act further. Such a statement is a last resort, but when it comes it shakes the most obstinate committee, and in nine cases out of ten gains the day for decent methods.

The Standing Committee is of the opinion that the Institute's policy has brought about some decrease in the total number of competitions. It is absolutely sure that it brought about a distinct improvement in the conditions under which competitions are now held as well as in the attitude of the profession toward them.

During the first eight months of the operation of the code, viz.: up to the time of the San Francisco Convention, comparatively few cases of participation by Institute members in unapproved competitions were reported. This was perhaps due to the fact that at the beginning the subcommittees did not fully understand their duties and that sentiment against unauthorized participation had not at that time crystallized.

During the year now closing, the attention of the Com-

mittee on Practice has been drawn to an alleged participation of sundry Institute members in unapproved competitions. While the question of discipline lies beyond the field of this committee, its relations with members are such that upon one aspect of the matter it cannot fail to touch. An overwhelming majority of our members have been entirely loyal to the principles of the Institute as expressed in the circular and code. Many of these have felt that their loyalty has been given through sacrifice of personal opportunities. To these members and to many others it has been a source of irritation to learn that members, some of them otherwise of high standing, have ignored the provisions of the code. As time goes on and nothing has been known of action upon any of these cases, an impression has grown up that determination to enforce the code is lacking. To those, however, who have known of the thoroughness with which the Committee on Practice and the Judiciary Committee have investigated all cases brought before them, such an impression is seen to be unfounded. Nevertheless, it does seem to this committee to be of the highest importance that every case of improper conduct should be thoroughly investigated and that a summary of the facts and the decision of the Board of Directors should be communicated at once to every member of the Institute without waiting for the occurrence of the annual convention.

Delay in determining the degree of culpability of those who violate the principles of the Institute is fatal to the well-considered course on which we have embarked. It will render nugatory the efforts of all who are striving to keep competition practice upon the high level on which the Institute has placed it.

While this committee will vigorously oppose any attempt to swerve the Institute from the fundamental principles of the code, it will welcome all suggestions for the improvement of the circular or code. The committee has in mind several changes, not in principle but in form, the adoption of which at an early date it will suggest to the board, and it trusts that such discussion as may attend the submission of this report will bring out further suggestions for the betterment of a document which it is convinced has been of the highest value both to the profession and the building public.

Respectfully submitted by the Standing Committee on Competitions, by

FRANK MILES DAY, Chairman.
R. CLIPSTON STURGIS
JOHN M. DONALDSON
C. GRANT LA FARGE
JOHN HALL RANKIN
I. K. POND, ex-officio.



1911-1912

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MAURICE PREVOT
CORRESPONDING SECRETARY
115 E. 30th St.

F. H. BOSWORTH, JR., Treasurer, 1170 Broadway, New York.

OFFICIAL NOTIFICATION TO S. B. A. A. STUDENTS OF AWARDS MADE IN THE JUDGMENT OF DECEMBER 5TH, 1911

The Committee on Education in New York and its Local Committee in San Francisco received 106 Esquisses (Preliminary Sketches) and 51 Projets Rendus (Sets of Final Drawings) in the:

CLASS "A"—I PROJET (Problem in Design)

"A STATE LIBRARY AND SUPREME COURT BUILDING"

Author	Award	Atelier	City
C. Mink.....	M	Barber.....	New York City
F. K. Sharp.....	H.C.	" " " " " "	" " " " " "
H. J. Voss.....	"	Boston Archtl. Club.....	Boston
W. W. Cook.....	M	" " " " " "	" " " " " "
G. F. Blount.....	H.C.	" " " " " "	" " " " " "
W. L. Smith.....	"	" " " " " "	" " " " " "
R. Fishbourne.....	M	Bosworth.....	New York City
B. Moscovitz.....	"	" " " " " "	" " " " " "
B. Braunstein.....	"	" " " " " "	" " " " " "
C. Sheres.....	"	" " " " " "	" " " " " "
E. W. Boyer.....	"	Carnegie Tech. Schools.....	Pittsburg
T. R. Critchlow.....	"	" " " " " "	" " " " " "
W. H. Crosby.....	"	" " " " " "	" " " " " "
W. H. Disque.....	"	" " " " " "	" " " " " "
Wm. Gehron.....	"	" " " " " "	" " " " " "
E. F. Griffith.....	"	" " " " " "	" " " " " "
C. D. Hasness.....	"	" " " " " "	" " " " " "
P. R. Hay.....	"	" " " " " "	" " " " " "
W. T. Jones.....	"	" " " " " "	" " " " " "
M. G. Kingsley.....	"	" " " " " "	" " " " " "
H. M. McCullough.....	"	" " " " " "	" " " " " "
P. S. Mewhinney.....	"	" " " " " "	" " " " " "
T. J. Raguerre.....	"	" " " " " "	" " " " " "
E. P. Chrystie.....	"	Hornbostel.....	New York City
G. H. Holland.....	"	" " " " " "	" " " " " "
T. H. F. Burditt.....	"	" " " " " "	" " " " " "
E. D. Wagner.....	"	" " " " " "	" " " " " "
C. E. Fetherston.....	"	" " " " " "	" " " " " "
E. P. Grzybowski.....	2d Med.	Prevot.....	"
D. C. Lange.....	H.C.	" " " " " "	" " " " " "
A. E. Flanagan.....	2d Med.	" " " " " "	" " " " " "
Veridon Upham.....	M	Syracuse Univ.....	Syracuse
Webster Moulton.....	"	" " " " " "	" " " " " "
J. M. Arellano.....	H.C.	S. of A. Univ. of Penna.....	Philadelphia
J. W. Cope.....	M	Atelier, Univ. of Penna.....	"
C. H. North.....	1st Med.	" " " " " "	" " " " " "
A. H. Megrail.....	2d Med.	" " " " " "	" " " " " "
H. P. Foster.....	M	" " " " " "	" " " " " "
E. J. Baum.....	"	Ware.....	New York City
C. C. Clark.....	"	" " " " " "	" " " " " "
J. Lehti.....	H.C.	Washington Arch. Club.....	Wash., D. C.
O. H. Miller.....	"	" " " " " "	" " " " " "

The Committee on Education in New York and its Local Committee in San Francisco received 76 Esquisses (Preliminary Sketches) and 8 Projets Rendus (Final Drawings) in the:

CLASS "A" & "B" ARCHÆOLOGY—I PROJET (Problem in Design)

"A CHÂTEAU D'EAU"

Author	Award	Atelier	City
F. C. Walker.....	M	Bennett.....	Chicago
Sue E. Watson.....	"	Carnegie Tech. Schools.....	Pittsburg
J. F. Harbeson.....	"	Atelier, Univ. of Penna.....	Philadelphia
C. C. Clark.....	"	Ware.....	New York City
Robt. Pallesen.....	"	" " " " " "	" " " " " "
B. Hoyt.....	"	" " " " " "	" " " " " "
R. O. Dorwin.....	"	" " " " " "	" " " " " "

The Committee on Education in New York and its Local Committee in San Francisco received 2 Sets of Drawings in the:

CLASS "A" & "B" ARCHÆOLOGY—I MEASURED DRAWINGS

Author	Award	Atelier	City
Oliver B. Raser, Jr.....	3d Med.	Bosworth.....	New York City
G. A. Ebeling.....	M	Carnegie Tech. Schools.....	Pittsburg

The Committee on Education in New York and its Local Committee in San Francisco received 37 Sketches in the:

CLASS "A"—I ESQUISSE-ESQUISSE (Rendered Sketch)

"A BOAT HOUSE"

Author	Award	Atelier	City
F. C. Walker.....	H.C.	Bennett.....	Chicago
D. M. Allison.....	M	Carnegie Tech. Schools.....	Pittsburg
J. B. Hays.....	"	" " " " " "	" " " " " "
W. H. King, Jr.....	"	" " " " " "	" " " " " "
V. Rigamont.....	"	" " " " " "	" " " " " "
Ernest W. Boyer.....	3d Med.	" " " " " "	" " " " " "
T. H. F. Burditt.....	M	Hornbostel.....	New York City
Chas. W. Conway.....	3d Med.	" " " " " "	" " " " " "
John F. Harbeson.....	M	Atelier, Univ. of Penna.....	Philadelphia
Wm. C. Stanton.....	3d Med.	" " " " " "	" " " " " "
LeRoy P. Ward.....	M	Wynkoop.....	New York City
L. J. Barrett.....	"	Ware.....	"
C. C. Clark.....	"	" " " " " "	" " " " " "

The Committee on Education in New York and its Local Committee in San Francisco received 45 Sketches in the:

CLASS "B"—I ESQUISSE-ESQUISSE (Rendered Sketch)

"A SWIMMING CLUB"

Author	Award	Atelier	City
Wm. I. Grau.....	M	Bosworth.....	New York City
L. A. Reinhard.....	"	" " " " " "	" " " " " "
C. O. Rieger.....	"	Carnegie Tech. Schools.....	Pittsburg
G. R. McGlenn.....	1st M	" " " " " "	" " " " " "
V. A. Trussell.....	H.C.	Prevot.....	New York City
H. B. Guillan.....	M	" " " " " "	" " " " " "
D. C. Lange.....	"	" " " " " "	" " " " " "
Royal Dana.....	"	Ware.....	"

The Committee on Education in New York received 50 Sketches in the:

WARREN PRIZE COMPETITION

Offered for general excellence in planning a group of buildings.

First place, \$50. Second place, \$25.

The prize is the gift of Messrs. Whitney and Lloyd Warren.

"CONCLAVE BUILDINGS FOR THE ELECTION OF A SOVEREIGN PONTIFF"

Author	Award	Atelier	City
B. Hoyt.....	1st Pl.	Ware.....	New York City
Robt. Pallesen.....	2d Pl. (Tied)	Ware.....	"
A. E. Flanagan.....	2d Pl. (Tied)	Prevot.....	"
J. W. Ingle, Jr.....	4th Pl.	Prevot.....	"
R. Stanley Brown.....	H.C.	Columbia Univ.....	"
J. A. Seipel.....	"	Atelier, Univ. of Penna.....	Philadelphia
E. J. Baum.....	"	Ware.....	New York City

CRITICISM BY THE JURY OF AWARD OF THE JUDGMENT OF DEC. 5, 1911.

CLASS "A"—I PROJET (Problem in Design)

"A STATE LIBRARY AND SUPREME COURT BUILDING"

The jury found the general average of the drawings exhibited well studied and carefully presented; the majority of the solutions, however, were lacking in simplicity and directness both in plan and in elevation.

The projet receiving the "First Medal" represented the most satisfactory solution of the requirements of the programme and was further extremely well drawn. Access to the other main rooms was comparatively simple and direct, the court room was well lighted by rich windows and though too great importance was given in elevation to the small rooms in plan, yet as a whole the plan showed an intelligent appreciation of the requirements of the problem. The design excelled particularly in the dignity and excellent proportion of the elevation and the simplicity and effectiveness of the rendering. Other designs which failed of special notice were as a rule deficient in plan where there was too great complexity of arrangement, or in lighting which frequently failed to meet the explicit requirements of the programme, or in elevation on account of lack of proper character.

CLASS "A" & "B"—ARCHAEOLOGY— I PROJET (Problem in Design)

"A CHATEAU D'EAU"

The jury found the drawings presented in this concours interesting and some quite brilliant as solutions of the problem of a Chateau d'Eau, but there seemed to be an entire disregard in most part of the fact that the programme called for a study in archaeology.

The projets fulfilling this condition lacked interest and those that were interesting were not in any sense of the period of Louis XIV.

CLASS "A"—I ESQUISSE-ESQUISSE (Rendered nine (9) hour sketch)

"A BOAT HOUSE"

The premiated designs for this esquisse were for the most part comparatively simple and direct in presentation, depending for effect largely upon interesting massing of parts rather than intricate detail. Many of the drawings were found exceedingly good, the majority above the general average.

CLASS "B"—I ESQUISSE-ESQUISSE (Rendered nine (9) hour sketch)

"A SWIMMING CLUB"

The drawings premiated by the jury were those fulfilling most simply and directly the requirements of the programme rather than those brilliantly presented; well-balanced, simple, direct

solution of the problem is what is desired for the Class "B" Esquisse-Esquisse.

WARREN PRIZE

"CONCLAVE BUILDINGS FOR THE ELECTION OF A SOVEREIGN PONTIFF"

The unusually original and interesting programme for the Warren Prize Competition brought forth many excellent twenty-four (24) hour sketches made at the various Ateliers or homes of the students. The programme read as follows:

GENERAL.

It is proposed as the subject of this programme to provide, on the Vatican grounds at Rome, a permanent monument in which the selection of a Pope may be made without the temporary disarrangement of the Vatican, which is at present necessary. The large rooms of the composition are to contain memorials to all of the Popes, so that when not in use for these conclaves, or meetings of the Holy College, they may be thrown open to the public for educational purposes.

PROVISION MUST BE MADE FOR:

A—An immense public loggia, or assembly room, open on at least one side toward a large public square, and surrounded on the three other sides by memorials to the Popes, telegraph and cable offices, and small offices for representatives of many embassies and newspapers. In this loggia is first made the announcement to the public of the election of a Pope, and from here the news is given to the world. This loggia should have a floor area of 50,000 sq. ft.

B—Entirely surrounded by a moat filled with water and walls of fortification, connected only by a single bridge or passageway to the public loggia previously mentioned, the following:

1. Conclave hall or chapel, having a floor area of 6000 sq. ft., with seats for 70 cardinals, one committee room for 20 cardinals, toilets, retiring rooms, etc., and such vestibules and corridors as are necessary.

2. Seventy duplex apartments, each to accommodate a cardinal and his suite of seven conclavists. These duplex apartments are of small dimension, and may be arranged in two or three tiers—each tier in its first story to open upon large cloistered circulations. Individual gardens for each of the 20 apartments should be provided. These apartments should have easy access to the conclave hall by means of stairs, elevators and wide circulations. If possible, large open gardens or cloisters should provide means of exercise for the conclavists.

3. Guard room (service entrance) for the reception of food and its distribution to the apartments of the cardinals.

C—Kitchens and warehouse for the preparation and storage of food in direct communication with the before-mentioned guard room.

DIMENSIONS.

The walls of the fortification and all buildings must be included within a rectangle of 450 ft. x 750 ft.

The winning design, by Mr. B. Hoyt of Atelier Ware of New York City, proved to be the most carefully studied, best composed and most charmingly indicated. The jury considered it to be excellent in the arrangement of the seventy (70) cardinals' apartments and gardens, as well as in design of the Public Loggia and its communication with the Conclave Hall. It was thought that a service entrance in the rear might have improved the general arrangement.

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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.

CALIFORNIA

SACRAMENTO.—Citizens have subscribed \$161,500 for erection of new Y. M. C. A. building, and plans for construction are now under consideration.

SAN FRANCISCO.—Architect W. H. Crim, Jr., 425 Kearny St., has prepared plans for two-story building to be erected on Mission St., at cost of \$35,000.

Plans have been completed by Architect W. G. Hind, Humboldt Bank Building, for three-story apartment building to be erected on Taylor and Jackson Sts. by J. Eisenbach; cost about \$18,000.

Architect Charles J. Rousseau, 2200 California St., is preparing plans for five-story apartment building to be erected on O'Farrell St. in the Fifty Vaea District, at cost of \$175,000.

Plans are being prepared by Architect Charles J. Rousseau, 2200 California St., for apartment building to be erected on Page & Steiner Sts., at cost of \$25,000.

CONNECTICUT

BRIDGEPORT.—Estimates are being made on the plans of Architect E. G. Southey, Broad St., for the new house to be erected on Fairfield Ave. for Dr. J. Henry Callahan.

Plans have been made by Architect F. A. Cooper, 1217 Main St., for a factory building to be erected on Stillman St. for the Boone Folding Box & Printing Co., 137 Cannon St.

The Susman, Orlove & Feuer Co., 741 Water St., will erect large storehouse on Housatonic Ave. Plans have not yet been prepared.

BRIDGEPORT.—Architect Joseph W. Northrop, Court Ex. Bldg., has made plans for a building which Henry S. Osborne will erect on Wood Ave. facing Wood Park.

Estimates are being made on the plans of Architect Joseph W. Northrop, Court Ex. Bldg., for another building for the Mitchell Dairy on Grove St.

NEW HAVEN.—Architects are completing plans for the synagogue to be erected on George St., near York St., for the Congregation B'nai Jacob. Cost about \$30,000. C. M. Smirnow, 142 Orange St., is chairman of the building committee.

Plans drawn by Architects Brown & Von Beren, 865 Chapel St., are being figured for a handsome residence on Everitt St. for C. A. Miner, of 1537 Chapel St. The owner is receiving the bids.

NEW HAVEN.—Architects will shortly have plans completed for business block at the corner of Whalley Ave. and Blake St. for P. R. & H. M. Greist. In the rear of the block the owners will build a Masonic temple, which is to be leased to the Olive lodge, No. 84, A. F. and A. M.

WILLIMANTIC.—The building committee of the Young Men's Christian Association, of which Attorney E. Frank Bugbee is chairman, has selected the firm of Palmer & Townsend of New Haven as the architects for the proposed new building.

SOUTH NORWALK.—Plans have been made by Architect T. F. Kelley, 107 Wall St., Bridgeport, for a residence to be built in South Norwalk.

DISTRICT OF COLUMBIA

WASHINGTON.—Gen. William Crozier, chief of ordnance, U. S. A., has purchased two large villa sites in Massachusetts Avenue Heights, and will improve them by the construction of a fine modern residence.

FLORIDA

ARCADIA.—Architects Bonfoey & Elliott, of Tampa, have prepared plans for erection of county court house, and bids for same will be received by County Commissioners of De Soto County until 12 noon Jan. 2.

JACKSONVILLE.—Plans have been prepared by Architect H. J. Klutho, Board of Trade Building, for erection of new club building for the members of the Germania Club.

TALLAHASSEE.—The plans of Architect P. Thornton Marye, of Atlanta, Ga., have been accepted by State Building Commission for erection of Supreme Court Building.

TAMPA.—Ernest Kreber, president of the Tampa Foundry & Machine Co., has purchased property on South Franklin St. and is having plans drawn for erection of five-story brick building.

GEORGIA

ATLANTA.—Architects Morgan & Dillon, Prudential Bldg., will prepare plans for the renovation of the auditorium armory at cost of about \$6,500.

ATLANTA.—Architect H. T. W. Everett, English-American Bldg., is preparing plans for a \$50,000 building for a new church known as the Druid Hills Methodist Episcopal Church, to be erected on Highland and Blue Ridge Aves.

ILLINOIS

CENTRALIA.—The Reich Brewing Co. has purchased site on N. Chestnut and West Second North Sts. and will erect modern two-story brick building.

CHICAGO.—Plans for new Field museum building have been completed at offices of Architects D. H. Burnham & Co., 19 Jackson Blvd.

CHICAGO.—John S. Holmes is planning to erect three large apartment buildings, two on the North Side and one on the South Side, at an aggregate cost of over \$300,000.

Herbert E. Bradley, of Pittsburgh, Pa., will erect a high-grade 12-apartment building to cost about \$100,000, at the northwest corner of East End Ave. and Fifty-fourth St.

Charles H. Weeghman has purchased site on Sheridan Rd., south of Bryn Mawr Ave., running back to the lake, and property will be improved with a \$40,000 residence.

The Lake Forest Young Men's Club has had preliminary sketches made for new \$50,000 building to be erected in Green Bay Rd.

Charles A. Stevens & Bros. have purchased property at 25 N. State St. and will erect modern commercial building of probably twenty-one stories in height.

CHICAGO.—A high-grade twelve-story apartment building, to cost about \$100,000, will be erected on East End Ave. and Fifty-fourth St. by Herbert E. Bradley of Pittsburgh, Pa.

Property on Van Buren St. and Center Ave. has been leased by David Spencer, who will erect business building to cost \$50,000.

John S. Holmes will erect 36-apartment building on Clarendon Ave. to cost around \$100,000, and 38-apartment building on Sheridan road to cost about \$110,000.

Arthur Buhl, second vice-president of the Peter Schoenhofen Brewing Co., has leased property at 177-181 West Madison St., and will erect new fireproof building to cost about \$250,000.

CHICAGO.—Charles H. Weeghman has purchased site on Sheridan road near Bryn Mawr Ave., and will erect \$40,000 residence.

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Kansas City, from
Baltimore Hotel

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INDIANA

LA PORTE.—George W. Allen & Son, architects, of La Porte, are preparing plans for the erection of the new Princess theater.

MUNCIE.—Directors of the Young Men's Christian Association have directed building committee to have plans prepared for erection of \$100,000 home on Jefferson and Adams Sts.

SOUTH BEND.—The Butzbach Fruit & Cold Storage Co. will shortly be ready for the letting of contracts for erection of mammoth cold storage plant to cost \$300,000. Charles Place, of Chicago, is representative of several capitalists interested in the project.

IOWA

CLINTON.—Architects Morrell & Sons have prepared plans for new Coliseum building, clubhouse and city armory to be erected on River Front Park, at foot of Fifth Ave., at cost of from \$30,000 to \$50,000.

LOUISIANA

MANSFIELD.—Architect Favrot, of New Orleans, has filed specifications for the new \$100,000 courthouse. They were approved, and bids advertised for.

MARYLAND

BALTIMORE.—Plans have been completed by Architect Henry J. Tinley, 314 N. Charles St., for 3-story apartment house to be erected on Roslyn Ave. near Windsor Mill road by the Janette Apartment Co.; cost \$18,000.

Plans have been completed by Architect M. J. Coleman for erection of big can factory on Wolfe & Thames Sts. for the John Boyle Co.; estimated cost \$25,000.

Site has been purchased on Holliday St. by the Independent Ice Co., who will erect big addition to their ice plant.

BALTIMORE.—Architects Packer, Thomas & Rice, Union Trust Building, have been selected to prepare plans for new \$75,000 dining-room building to be erected at Bayview.

BALTIMORE.—Plans are in progress for erection of 3-story apartment house at Whitelock St. and Park front by Herman Scherr, to cost \$30,000.

Architect Charles E. Cassell, Law Bldg., has prepared plans for large apartment house to be erected at Chase St., near Jones' Falls Boulevard, for F. W. Trimble & Bro.

Plans have been prepared by Architect Henry J. Tinley, 314 N. Charles St., for three-story apartment house to be erected on Roslyn Ave., near Windsor Mill Rd.; cost, \$15,000.

Architects Parker, Thomas & Price, Union Trust Bldg., have prepared plans for three-story brick building to be erected at Madison St. and Broadway as Nurses' Home for Hebrew Hospital. George Bunnecke & Sons have been awarded contract; cost \$50,000.

BALTIMORE.—A handsome home will shortly be erected at Cool Spring, on the Severn, for E. C. Clark, of the John Hancock Life Insurance Co., to cost about \$15,000.

The plans and specifications for the new clothing manufacturing building for L. Greif & Brother have been finished by Architects Frank & Kavanaugh, 328 N. Charles St., and contractors are now estimating for the job. The factory is to be erected on Ashland Ave. and Montford Ave.

A warehouse to be erected at 2124-26 Cambridge St., for Maximillian Mueller, is the latest building addition for the Eastern section of the city. Already plans have been completed by Architect G. M. Mueller for the new structure.

The John Boyle Co., can-makers, will erect a four-story factory to cost about \$20,000 on the northeast corner of Wolfe and Thames Sts. Plans are being made by Architect M. J. Coleman.

MASSACHUSETTS

WORCESTER.—Architect O. C. S. Zioli, of Worcester, has prepared plans for hotel to be erected on the Bliss estate at 100 Main St.; estimated cost, \$2,000,000.

MINNESOTA

EVELETH.—Adj.-Gen. Woods has been informed steps would be taken at once to build an armory, either on Jackson St. or B Ave. Adj.-Gen. Woods will confer with Architects William J. Sullivan and Anthony Puck, at Duluth concerning plans. The proposed armory auditorium will likely be completed in three months.

MINNEAPOLIS.—Architects McKim, Mead & White, 160 Fifth Ave., New York City, won in the competition for plans of proposed Minneapolis art museum. Plans have been sent to public library, where they will be on exhibition.

MISSOURI

ST. LOUIS.—Pilgrim Evangelical Lutheran Congregation at Fair and Florissant Aves., has decided to erect auditorium and enlarge building completing a structure, at cost of \$50,000. Plans for church have been designed by Architects Lawrence Ewald & John A. Lange, Fourth and Locust Sts.

G. G. Powell has purchased 8.86 acres on Clayton Rd. and is having plans drawn for erection of elaborate home.

Plans are being prepared for erection of apartment buildings at corner of Shaw's Lafayette Ave. addition and De Tonty St. by A. A. Blumeyer.

NEW HAMPSHIRE

KEENE.—New high school building will be erected on the Coolidge lot in the Union St. district at cost of about \$100,000.

NEBRASKA

OMAHA.—F. D. Wead contemplates the erection of a unique 3-story building on Seventeenth and Dodge Sts.

The National Automobile Training Association has purchased site on 20th St. south of Locust St., and will erect brick garage.

NEW JERSEY

ATLANTIC CITY.—Architect Walter Smedley, Stephen Girard Bldg., Philadelphia, has prepared plans for brick and steel store and pavilion structure to be erected on the Boardwalk in front of Hotel Dennis, at Michigan Ave., to be known as the "Foster Building"; estimated cost \$6,000.

Plans are being prepared for erection of new home for the Atlantic City Turn Verein on site of present building. Jacob Mueller, president.

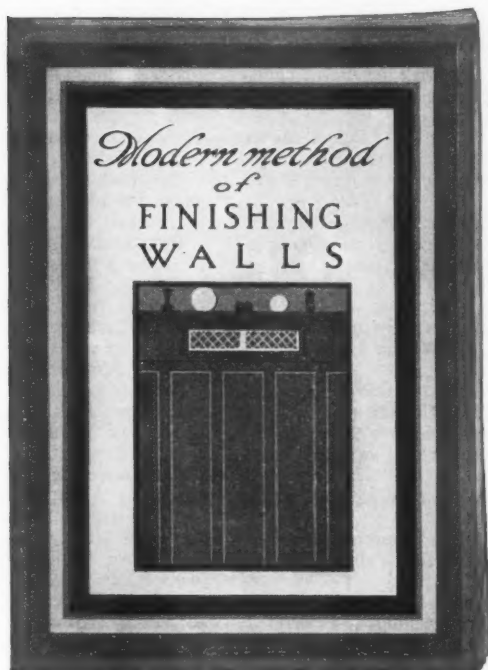
Architect Horace Trumbauer, Land Title Bldg., Philadelphia, is preparing plans for new Ritz-Carlton Hotel to be erected on site of old Windsor Hotel.

The German Presbyterian Church congregation is having plans prepared for altering parsonage property into four-story apartment house at cost of \$10,000. Rev. John W. Kleifkin, pastor.

BAYONNE.—H. Scheinbein of 549 Boulevard will erect two 6-family apartments at 45 and 47 West 54th St., at cost of \$12,000.

FINDERNE.—The H. W. Johns-Manville Co., manufacturers of asbestos products, have completed arrangements for removal of its plant from present site in South Brooklyn to Finderne, near Somerville; estimated cost of new plant, \$2,000,000.

IRVINGTON.—Plans have been completed by Architects Cohen & Bessman, 89 Mercer St., for three-story frame and stucco dwelling to be erected at Nineteenth Ave. and Grove St. for Mintz, Levine & Silverstein, at cost of \$9,000.



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IRVINGTON.—Architect Frederick Lemmer, of Irvington, has completed plans for three-story brick apartment building to be erected in So. Twenty-second St. for Ferdinand and Theresa M. Krack; cost, \$9,000.

JERSEY CITY.—Plans have been prepared by Architect Nathan Welitoff for four 3-story brick apartments to be erected in the Marion section of city for East Jersey Building Co.; estimated cost \$56,000.

JERSEY CITY.—Architect Nathan Welitoff has completed plans for 2 three-story apartment buildings to be erected on Bostwick Ave. for Lewis & Richard Doroshinsky, 77 Grant Ave.; estimated cost \$13,000.

JERSEY CITY.—Plans have been prepared by Architect Charles W. Randall for 6-family apartment to be erected on Bleeker St. and Passaic Ave. for William Groth of 3326 Boulevard; estimated cost \$8,500.

MONTCLAIR.—Henry F. Holloway, chairman of the Building Committee, has presented architects' plans to the Board of Education for the new school building to be erected in Glenridge Ave. and Baldwin St.; estimated cost, \$120,000 to \$140,000.

MOORESTOWN.—Price & McLanahan are designing a \$25,000 residence for Wallace Armstrong.

NEWARK.—Forest Hill Presbyterian Church will erect new \$60,000 edifice located on present site, Heller Parkway and Highland Ave. Dr. Henry H. Rusby.

NEWARK.—Architect Hyman Rosensohn, 800 Broad St., has completed plans for two 3-story dwellings to be erected at 307-311 Eighteenth Ave. for Lena Hetch and Pauline Kugel; estimated cost \$17,000.

NEWARK.—Plans have been completed by Architects Cohen & Bessman, 89 Mercer St., for two two-story dwellings to be erected at 160 and 162 rGafon Ave. for Jules Mechanic; cost, \$11,000.

Estimates are being taken for two two-story-and-attic brick, frame and stucco, two-family dwellings of the Boston flat type, which Hugh Gilligan is to erect at 310 to 314 Chadwick Ave. Edward E. Grant, 397 Washington Ave., is the architect for the buildings. The cost of the structure is estimated at \$14,000.

NEWARK.—Plans are being prepared by Architect Julius Strombach, 238 Washington St., for three-story stucco apartment to be erected at 816 So. Fourteenth St. by Theobald Herrman; cost, \$9,000.

Architect Edward V. Warren, 22 Clinton St., has prepared plans for three-story frame store and apartment building to be erected on Summer Ave. and Elliott St. for Harry Kollodin; estimated cost, \$15,000.

Architects Cohen & Bessman, 89 Mercer St., have completed plans for two 2½-story frame and stucco dwellings to be erected at 168 Grafton Ave. for I. Moskowitz at cost of \$11,000.

NEWARK.—Architect Alfred Peter, 238 Washington St., has prepared plans for two 3-story dwellings to be erected at Hawthorne and Peshine Aves. for the Home Mutual Building Co.; estimated cost \$15,000.

NEWARK.—Architect Edward D. Dunn, 34 S. 10th St., has drawn the plans of the two frame dwellings, each for one family, that he will erect at 94 and 96 Osborne terrace. The estimated cost for both is \$10,000.

Jordan Green is the architect and John H. Beger will be the owner of the frame dwelling to be erected at 765 and 767 South Tenth St.; estimated cost is \$10,000.

NEW YORK

BROOKLYN.—Michaels Bros. furniture dealers, will erect modern five-story building on Ninth St. and Fifth Ave. Plans are now being prepared.

Architects Shampian & Shampian, 772 Broadway, are preparing plans for apartment buildings to be erected on South Third and Keap Sts., for George G. Gegal; estimated cost, \$200,000.

Brooklyn Lodge 22, B. P. O. Elks, are planning to erect \$300,000 clubhouse at South Oxford St.

BROOKLYN.—Architect Thomas Bennett, 5123 Third Ave., will prepare plans for two 4-story brick apartment houses to be erected on Second St., east of Fifth Ave., for the Cromwell Realty Co.; estimated cost \$34,000.

Architects F. J. Ashfield & Sons have drawn and filed plans for 16-family, 4-story apartment house on Clarkson St., east of Rogers Ave.; cost \$25,000.

BROOKLYN.—Architect Abraham Beires has prepared plans for 3 four-story brick apartment houses to be erected on Sterling Place near Saratoga Ave. for Benjamin Amerling; cost \$105,000.

Plans have been prepared by Architect Abraham Beires for 4-story apartment house to be erected on St. Mark's Ave. for Abraham L. Fogel; estimated cost, \$35,000.

Architects Cohn Bros., 474 Rockaway Ave., have prepared plans for three 4-story brick apartment houses to be erected on St. Mark's Ave. west of Hopkinson Ave. for Isaac Miller; estimated cost, \$60,000.

Plans have been designed by Architects Cohn Bros., 474 Rockaway Ave., for 3 four-story brick apartment houses to be erected on Eastern Parkway, near Schenectady Ave. for Penn Liberty Co., Inc.; cost, \$60,000.

Architect William Debus, 914 Broadway, has prepared plans for two 4-story brick apartment houses to be erected on Sixth St. near Eighth Ave. by Nathan Levy; cost, \$48,000.

BUFFALO.—New church, school and parochial residence will be erected at Esser and Henrietta Aves., Black Rock, to be known as All Saints Church. Rev. Henry A. Dolan, now pastor at Bolivar, has been appointed to take charge.

FRIENDSHIP.—New public library will be erected in West Main St. Plans have been completed.

NEW YORK CITY.—Architect William H. Gompert, 2102 Broadway, has filed plans for one-story brick store building to be erected at Tremont Ave. for James Butler; cost \$35,000.

Plans have been filed by Architect William H. Gompert, 2102 Broadway, for one and two-story brick stable and garage to be erected on Crotona Ave. for James Butler; cost \$7,000.

Architect John Hauser, 360 West 125th St., has filed plans for five-story brick apartment to be erected on Tremont Ave. for August Jacob, 200 Morris Ave.; cost \$45,000.

NEW YORK CITY.—Plans are being prepared by Architect C. P. H. Gilbert, 1123 Broadway, for handsome residence to be erected on Seventy-first St., in the Lenox Library block.

Architect E. W. Hazzard is preparing plans for twelve-story loft to be erected at 12 W. Thirty-ninth St., by the Thirty-eighth and Thirty-ninth St. Realty Co.

Robert Wallace, Jr., has purchased site on Morningside Heights, near Columbia University, and will erect new apartment house.

NEW YORK CITY.—Architects Gronenberg & Leuchtag, 7 W. Twenty-second St., have filed plans for 6-story apartment to be erected on Riverside Drive by the London Construction Co., 149 Broadway; cost, \$45,000.

Plans have been filed by Architect N. J. Hauser, 360 W. 125th St., for 6-story stable to be erected on 171st St. for George Jacob Construction Co., 2000 Morris Ave.; cost, \$38,000.

Architect Robert Glenn, 363 E. 149th St., has filed plans for 3-story brick store and dwelling to be erected on Morris Ave. for Pasquale Tarossi, 672 Morris Ave.; cost, \$8,000.

NEW YORK CITY.—Plans are being drawn for erection of hospital for horses and other animals by the New York Women's League for Animals. Mrs. James Speyer and others are interested.

Plans have been filed by the Old Lyceum Company, composed of Amos R. E. Pinchot and Sumner Gerard, for 12-

Alphabetical List of Advertisers

Ads marked E. O. W. appear every other week.
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BOSTON, MASS.**

story apartment house occupying plot on Cathedral Parkway, 150 ft. west of Columbus Ave. The cost is estimated at \$325,000 by the architect, Walter Helfel.

Plans have been filed by Architects Schwartz & Gross, 347 Fifth Ave., for 5-story apartment to be erected on 143d St. for Rene Construction Co., 412 W. 148th St.; cost \$40,000.

Architects Goldner & Goldberg, 391 E. 149th St., have filed plans for one-story brick store to be erected on Southern Boulevard for Mercury Realty Co. (Samuel Breuer, 650 Prospect Ave.); cost \$15,000.

Plans have been filed by Architect Charles Schaefer, Jr., 401 Tremont Ave., for two 5-story brick apartments to be erected on Union Ave. for Benjamin Benenson, 407 E. 153d St.; cost \$110,000.

Architects Clinton & Russell, 32 Nassau St., have filed plans for alterations to 22-story office building on Church St. for the Hudson & Manhattan Railroad & Hudson Cos., 30 Church St.; cost \$350,000.

NEW YORK CITY.—Architects Buchman & Fox, 11 E. 59th St., have been commissioned to prepare plans for the twenty story office store and loft building which a syndicate now being formed by Frederick Johnson is to erect at the southwest corner of Madison Ave. and 42d St. with an "L" through to 41st St.

Architects Clinton & Russell, 32 Nassau St., have prepared plans for addition to the Hudson Terminal buildings on Dey St. at cost of \$350,000.

Plans have been prepared by Architects Cross & Cross, 527 5th Ave., for 12-story apartment house to be erected on 54th St. and Park Ave. for the Park Ave. and 54th St. Company.

Architect George P. Crosier, 223d St. and White Plains Ave. has filed plans for two 2-story brick apartments to be erected on 215th St. for Rosalio La Bue, 1299 Laconia Ave.; cost \$17,000.

Architects Hill & Stout, 1123 Broadway, have filed plans for alterations to 6-story loft building on East Washington Place for Charles Van Berger, Buffalo; cost \$6,500.

Architect Frank Wennemer has prepared plans for theater to be erected on Boston road at 181st St. by William Lowe; estimated cost \$165,000.

NEW YORK CITY.—S. Trimmer & Sons, coal dealers, have purchased site on Exterior St., and contemplate erecting a warehouse.

The Trustees of Cooper Union have decided to erect basement and two stories of new building on site of old 69th Regiment Armory on Third Ave.

City of New York has purchased plot of 16 lots on Bryant Ave. and Vyse Ave. for erection of public school.

Architects Townsend, Steimle & Haskell have filed plans for 2-story store and offices to be erected on Broadway, cor. Cathedral Parkway, for estate of Robert E. Westcott, 33 Wall St.; cost \$65,000.

Plans have been filed by Architect G. Ajello, 1 West Thirty-fourth St., for nine-story apartment to be erected on 103d St. for Paterno Construction Co., 440 Riverside Drive; cost \$150,000.

Architects Goldner & Goldberg, 391 E. 149th St., have filed plans for one-story brick loft and stores to be erected on Southern Boulevard for Daniel Augustus Realty Co. (H. Lazarus, 1007 Southern Blvd., president); cost \$20,000.

The Swan Brown Co. has purchased property on Fourth Ave. and Thirtieth St. and is having plan prepared for erection of 12-story loft building.

NEW YORK CITY.—Architect Walter Haefeli, 17 Madison Ave., has filed plans for twelve-story apartment house to be erected on Cathedral Parkway, for Old Lyceum Building Co., 60 Broadway; cost \$325,000.

Plans have been filed by Architects Buchman & Fox and F. W. Fisher, 11 East Fifty-ninth St., for one- and three-story brick factory to be erected on Tiffany St., for the Henry Morgenthau Co., 165 Broadway; cost \$40,000.

NEW YORK CITY.—Architect H. Trumbauer, 200 Fifth Ave., has filed plans for 4-story and basement dwelling to be erected on Fifth Ave. for J. Speyer, 257 Madison Ave.; cost \$200,000.

Plans have been filed by Architect W. H. Brikmire, 1133 Broadway, for 12-story mercantile building to be erected on Twenty-fifth St. for Building & Engineering Co., 1133 Broadway; cost \$400,000.

NORTH TONAWANDA.—Plans have been completed for erection of \$80,000 federal building on Goundry and Oliver Sts. Contract will shortly be awarded.

ONEIDA.—Dr. Frank C. Drake is perfecting plans for erection of new 3-story block on Main St. and Lenox Ave.

ROCHESTER.—Architect Gordon A. Wright, O. C. S. Bank Bldg., Syracuse, is preparing plans for fireproof building to be erected on Main St. by E. W. Edwards & Son for a power plant, stable, storage and light manufactory; estimated cost \$30,000.

ROCHESTER.—Tentative plans for the first section of the proposed dormitory for men at the university have been made; estimated cost \$30,000.

SYRACUSE.—Prof. Justus M. Scrafford, of the architectural department of the College of Arts, Syracuse University, has prepared plans for the new Erwin Memorial Methodist Church building to be erected on Euclid and Roosevelt Aves.

SYRACUSE.—The Syracuse chapter of Delta Delta Delta has purchased site in Comstock Ave., near Euclid, and will erect sorority house. Mrs. Oscar Brown, of Baldwinsville, is president, and Miss Jessie Hood, of Syracuse, is treasurer.

OHIO

CINCINNATI.—The Cincinnati Theater company has submitted plans for the new burlesque house to be erected on the site of the present American theater in Walnut St., between Fifth and Sixth Aves., to Building Commissioner Kuhlman.

Architect Philipp Pfeiffer, 10 E. McMillan St., has completed plans for rebuilding the natatorium of Frank Phillips, on Greenwood avenue, Avondale, which was recently destroyed by fire.

CLEVELAND.—Architect W. S. Longee, American Trust Bldg., has presented prospective plans for new building to house St. John's hospital.

The Ohio Varnish Co. has had plans prepared by Architect Harry Jeffery, Schofield Bldg., for building to be erected on Kinsman Ave. near East Eighty-seventh St.

J. P. Roof has had plans prepared by Architect W. S. Longee, American Trust Bldg., for an addition to his residence at 7510 Euclid Ave.

COLUMBUS.—Architect Frank Bryan is drawing plans for a 10-room brick residence to be erected in Crestview next spring for Charles H. Gardner. It will cost \$10,000.

The date for the closing of bids for the several buildings to be let at the State Serum farm, in addition to those that have already been contracted for, is January 4. Architects Dawson & Holbrook, Outlook Bldg.

DAYTON.—Plans and specifications for a new museum and library to be constructed by the Archaeological and Historical Society of the Ohio State University are being received at the builders' exchange.

MILFORD.—Architects Bansmith & Drainne, Gerke Bldg., Cincinnati, are preparing plans for erection of school building to cost \$50,000.

OXFORD.—Bids will be received until noon Dec. 28 by Special Building Committee of Board of Trustees of Miami University for erection of alterations and additions to North and South Dormitories. Plans by Architect F. L. Packard, Columbus, O.

CURRENT NEWS AND COMMENT

A World Wide Competition

The Minister for Home Affairs for the Commonwealth of Australia, Melbourne, has issued a memorandum in connection with the designs for the Federal capital city, to be constructed in a federal district, which will be the permanent seat of government of the Commonwealth of Australia, where all Commonwealth legislation will be conducted and where the governor-general will have his official residence. The invitation to the competitors embodies the conditions of competition, historical and introductory matters relating to the district of Yass-Canberra and its selection as the federal district, and the requirements for the consideration of designers, the allocation of appropriate areas embracing sites for twenty-eight buildings. These include a house of parliament, governor-general's residence, court houses, public offices for all departments, etc.

A description of the site selected is also given, and a model of the city site on a horizontal scale of 400 feet to one inch with a vertical scale of about 100 feet to one inch has been prepared, and a cast of the model will be sent to each of the centres of distribution for inspection. Copies of the invitation to competitors can be secured by application to either the British Embassy, Washington, or the British Consulates in New York and Chicago.

A feature of this world-wide competition contemplates that immediately after the announcement by the minister of the adjudication of the premiums, which will be made at Melbourne within two months of the date of receipt of designs, it is intended to publicly exhibit in Melbourne for a reasonable period all designs admitted in competition. Should the competitors desire on their own behalf to arrange a second exhibition in London or elsewhere, the minister will, if requested, supply as exhibits, reproductions from the originals of the premiated designs only.

Important Incentive to American Art

Mr. George A. Hearn, with the generosity that has characterized his attitude toward the painters' art in America, has presented to the Brooklyn Museum five important examples of American paintings. In addition to this munificent gift, Mr. Hearn has given \$100,000 in cash to be invested by the authorities of the Metropolitan Museum. The income is to be expended for paintings by American artists. The Hearn collection is at present one of the most important in the Metropolitan Museum, and with the additions now possible from the income of this fund, we may confidently expect to

find the work of the American painter adequately displayed. This we are sure will be learned with much satisfaction by those who from familiarity know how high a position in the universal field of art has been attained by our native artists.

A Correction

In our issue of June 14th the building by Messrs. Lockwood, Greene & Co., architects and engineers, was designated as "Factory Building for the American Cotton Mills Co." This was not correct. The building is a cotton storage warehouse for the Massachusetts Cotton Mills, Lowell, Mass., Messrs. Lockwood, Greene & Co., Boston, Mass., architects and engineers.

Washington's Tall Building Problem

It is interesting to note the somewhat unusual point of view advanced by Senator Heyburn, who inveighs against the erection of tall buildings in the Capital City. He declares that they detract from the value of residential property in their vicinity.

As a matter of fact the erection of tall buildings for commercial purposes in residence sections marks the waning of that location for dwelling sites and tends to enhance values very materially. No one who picks his residence in a city can hope that the locality will for all time preserve its identity as he found it; and if by reason of the shifting of areas of trade his neighborhood is invaded by tall commercial structures we doubt if the enhancement of values would lead him to agree with Senator Heyburn.

Plans Found After a Lapse of Fifty Years

A building adjoining St. Paul's Episcopal Church in Newark, N. J., which has been for many years used by the church as a club house and which originally was one of the pretentious colonial homesteads of the section, was recently demolished. The wreckers discovered a roll of papers between the walls of the building. These papers upon examination proved to be a complete set of drawings for a Gothic church, signed by Richard Upjohn and dated 1851. As the present church edifice was built on the site contemplated by the plans just discovered, and as it differs materially from those plans, it is inferred that Upjohn's design was not approved.

New York's Building Code

The war of materials for fireproofing that has been waged in the preliminary hearings on New York's new building code, will, if Mayor Gaynor's

wishes are followed, be settled by tests conducted to ascertain the relative structural and fireproofing value of various materials. This question should have been definitely settled before the code was finally drawn.

In justice to all the parties concerned as well as to secure the immense practical value of properly conducted tests, we hope that the matter may be speedily settled, and the code started on the fair road towards its ultimate adoption.

The Cleveland Memorial Tower at Princeton

We learn with much satisfaction that the money to insure the erection of the proposed tower in memory of Grover Cleveland, and which is to be erected at Princeton University, has been fully subscribed and that work will begin at an early date.

The tower, it is stated, is to be 40 feet square and 170 feet in height. The architects are Cram, Goodhue and Ferguson.

Columbus, Ohio, Building Code

The building code of the City of Columbus, Ohio, the provisions of which were referred to in these columns, have been amended so as to eliminate many of the objectionable features that were considered inimical to the best interests of the city. It is confidently expected that this code in its new form will be speedily adopted.

Connecticut Chapter, A. I. A.

At the monthly meeting of the Connecticut Chapter, A. I. A., held in Hartford on June 21, the members after a short meeting adjourned to visit the new State library, under the guidance of Senator Cook, who is a member of the Commission in charge. In the evening there was a dinner, at which the Chapter entertained numerous guests, including Senator Cook, and other members of the State Library Commission.

PERSONAL

Mr. John A. Wetzel, architect, announces the opening of an office in Greeley, Colo., where he will practice his profession. He desires to receive builders' samples and catalogues.

Mr. Ernest O. Brostram, architect, Kansas City, Mo., informs us that he has moved to new offices in the Reliance Building, and that he desires to receive manufacturers' samples and catalogues.

Mr. F. F. Rowell, Sanitary Engineer, has joined the staff of Richard D. Kimball Co., engineers, 15 West Thirty-eighth street, New York. Mr. Rowell

will have charge of that portion of the firm's work belonging to his department.

INDUSTRIAL

An Inspection of Cement Plants and Buildings

At the invitation of the Universal Portland Cement Co., of Buffington, Ind., members of the Illinois Chapter, A. I. A., the Chicago Architectural Club, and the Chicago Architects' Business Association, made on June 20, a visit of inspection to the plants and buildings of the Cement Co.

The opportunity to secure by personal observation a practical knowledge of an important material was availed of by a large number of Chicago architects, and under the guidance of officers of the company, who proved to be ideal hosts, the results of the trip may be said to have been most pleasantly and satisfactorily accomplished.

What to Specify

In a pamphlet with the above title, the Sherwin-Williams Co., who have offices in all principal cities, seek to lead the architects to a better knowledge of the use of paint, with particular reference to a number of so-called architectural finishes which they are prepared to supply. Probably no materials that go into the finished building need to be more thoroughly honest in their manufacture than paint and varnish. Besides its æsthetic purpose to give color and lustre to surfaces it is also used to preserve the material it covers. Failing in this, it has failed in all its requirements. The Sherwin-method to accomplish different ends, sounds to the uninformed like an impossibility.

Insulation

To keep the heat in a house in winter, and to keep it out in summer, employing both seasons the same methods to accomplish different ends, sounds to the uninformed like an impossibility.

The question becomes one of insulation, using a material that will prevent the heat of the interior passing through the walls in winter, and in like manner resisting its passage from the outside in summer.

Many insulating materials have been made to accomplish these important results, and among them is mineral wool.

This is the product of the United States Mineral Wool Co., of 140 Cedar street, New York, who claim that the use of mineral wool fulfils in a high degree every essential of perfect insulation.

This company desires to correspond with architects with reference to the introduction of this form of insulation. They will send samples and illustrated pamphlet on request.

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OREGON

PENDLETON.—Bids are being prepared for erection of new high school to cost \$80,000.

PORTLAND.—Plans are being prepared for A. S. Ellis for a six-story apartment house, to be erected on Glisan street, between Twentieth and Twenty-first Sts.

PORTLAND.—Architect John G. Wilson, of Portland, has prepared plans and specifications for a two-story frame hotel building, to be built on Front and Monroe Sts. in Milwaukie, a Portland suburb, for I. Gratton; estimated cost \$12,000.

Plans have been prepared and estimates are being received by Architect D. L. Lewis, of Portland, for a 7-story fireproof building of class "A" construction, which will be erected for the Honeyman Hardware Co. on Ninth and Hoyt Sts.

PENNSYLVANIA

ALTOONA.—Altoona Lodge No. 472, Independent Order of Odd Fellows, has decided to erect new lodge on Eighth Ave.; estimated cost \$30,000 to \$40,000.

ALTOONA.—Plans are being considered for erection of addition to hall at 8th Ave. and 15th St. by officers of the Altoona Turngemeinde; estimated cost \$20,000 to \$25,000.

JOHNSTOWN.—The members of the Women's Memorial Hospital Association have appointed a committee to secure plans and specifications for a home for the nurses now employed at the hospital. The committee appointed consists of Mrs. Charles Griffith of Main St., Mrs. G. W. Wagoner of the South Side, and Mrs. Daniel M. Stackhouse of Westmount.

PHILADELPHIA.—A plot on Sixty-first and Jefferson Sts. has been bought by the Philadelphia City Missionary and Church Extension Society of the M. E. Church from Emanuel Kern, and a \$50,000 church for a new congregation to be established there will be erected.

Architects Heacock & Hokanson, Bailey Bldg., are preparing revised plans for the Masonic Temple in Camden. The new plans will provide for a 2-story structure.

PHILADELPHIA.—A plot of 2½ acres fronting on Meadowbrook Ave., Chestnut Hill, has been bought by Charles L. B. Homer and will build a \$25,000 country seat. The land overlooks the Whitemarsh Valley.

PHILADELPHIA.—Architect Frank Seeberger, Pennsylvania Bldg., has completed plans for a three-story flat house, at Germantown Ave. and Tulpehocken St., for Martin I. Constable.

Architects Harris & Richards have completed plans for a \$30,000 addition to Mt. St. Joseph's Convent, Chestnut Hill.

Architects Anderson & Hout, Drexel Bldg., are preparing plans for a five-story addition at Nos. 303-05 Montrose St., for Meyer & Horwitz.

PITTSBURG.—John E. Kane, acting for the P. Kane estate, is having the old building at 2014 Penn Ave. razed to make way for a modern four-story brick and steel warehouse and store building.

PITTSBURG.—James H. Matthews & Co., have bought site on Forbes St. and Pennant Place, Oakland, and company will build a four-story fireproof building for its own use, the ground and building costing together \$140,000. The building is being designed by Architects Rutan & Russell, Magee Bldg.

The plan of the University of Pittsburg to erect on its campus, at a cost of \$150,000, a chapel to be the center of the religious life of the institution, has been announced.

READING.—Reading School Board has decided to erect new \$60,000 schoolhouse.

WILKES-BARRE.—Architects A. J. Lathrop Co., of Kingston, have prepared plans for four-story brick building to be erected on South Main St., for the Leader Chemical Co.

SOUTH CAROLINA

COLUMBIA.—The National Loan & Exchange Bank, of Columbia, will erect twelve-story building on Washington St. Plans have been prepared by Architect James Berti, of New York.

TEXAS

DALLAS.—Col. C. C. Slaughter will shortly let the contract for a two-story brick business house on Commerce and Houston Sts. to replace the one-story sheet-iron building which has long been a business stand on that corner; cost about \$20,000.

FORT WORTH.—Plans are being considered by J. A. O'Keefe, owner of the building northeast corner of Main and Sixth Sts., for converting the two upper floors into hotel rooms.

UTAH

OGDEN.—Architects are preparing tentative plans for seven-story fireproof office building to be erected on Twenty-fourth St. and Washington Ave., for David Eccles.

SALT LAKE CITY.—Directors of the Utah Hotel Operating Co. and the Utah Hotel Co. have commissioned Architects Parkinson & Bergstrom, of Los Angeles, to prepare plans for addition to Hotel Utah; estimated cost \$200,000.

VERMONT

BURLINGTON.—The Central Vermont Railway Company has submitted to committee of fifteen a compromise plan for a new union station to be erected on Main St.

VIRGINIA

SUFFOLK.—The building committee of the Suffolk Baptist church has decided to construct a new place of worship to cost, when completed, \$32,000. Pastor R. A. McFarland.

WASHINGTON

SEATTLE.—The Seattle Lodge of Elks will erect 7-story building, on Fourth Ave. and Spring St., to cost \$165,000.

WISCONSIN

KENOSHA.—The Kenosha branch of the Young Men's Christian Association has purchased a new site for a home and the present building will be sold. The new building will cost about \$100,000.

MADISON.—The railroad commission has ordered the Minneapolis, St. Paul & Sault Ste. Marie Railway Company to erect a station building at Amery reasonably adequate to serve the needs of the traffic, both freight and passenger, at the station.

MILWAUKEE.—Tentative plans for a new parsonage for SS. Peter and Paul's Church were discussed at a meeting of the members. It is probable that the old parsonage and the old school will be razed and part of the structures used as an addition to the new \$10,000 building it is proposed to erect.

MILWAUKEE.—Architects Fernekes and Cramer, Pabst building, have been instructed to change the plans of the Merchants and Manufacturers' Bank building, now being constructed on West Water street, on the site of the old Brill department store, to make it eight stories instead of two as at first planned. The building will cost about \$250,000.

An Odd Fellows' temple, costing \$100,000, will be erected on Grand Ave. near the downtown section next spring, according to plans being considered by Taylor Lodge, No. 173.

WAUKESHA.—Architect Henry C. Hengels has been given the contract to draw plans for the \$100,000 malted food plant to be erected at Waukesha next year for the American Malted Food Company, Milwaukee.



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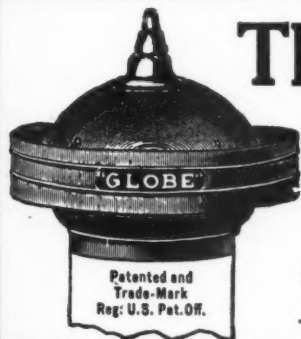
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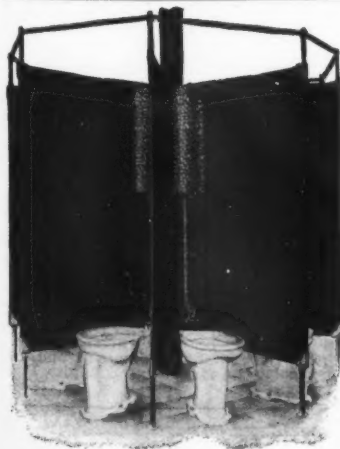
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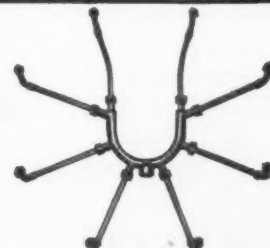
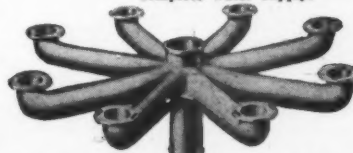
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Positions Wanted, 50 cents for 50 words or less; Help Wanted, Special Notices, Competitions, Proposals, etc., 20 cents a line, minimum four lines. Copy received until 12 m. Monday. Remittance should accompany copy.

POSITIONS WANTED

SPECIFICATION WRITER—A first-class specification writer, with wide experience upon metropolitan work, desires position. Will go anywhere that a sufficiently good position offers, but prefer Chicago or vicinity. Address Box 75E, care American Architect. (1875-6-7-8)

CHIEF ASSISTANT of highest executive ability; most thorough experience in all branches; systematic and energetic; 10 years on largest commercial work in New York City; last 2 years in charge of large Western office, desires position with firm doing heavy line of work; every opportunity given for investigation. Address 75A, care American Architect. (1875-6-7-8)

ARCHITECT'S MANAGER or Assistant; experienced at conducting large practices peaceably and profitably through efficiency and integrity. Address 76A, care American Architect. (1876 & tf.)

POSITION with responsible firm as draughtsman or superintendent by competent architect. Eight years' experience. Address 77B, care American Architect. (1877-8-9-80)

ARCHITECTURAL DRAUGHTSMAN, of 4 years' experience, desires a position with a busy architect (New York City preferred). Best of references. Salary expected, \$17.00 per week. Address 77C, care American Architect. (1877-8)

ARCHITECTURAL DRAUGHTSMAN, with 12 years' experience on first-class city work, thoroughly capable of preparing all sketches, working drawings, F. S. details, and designing of residences, apartment house, loft and office buildings and banks, would like immediate engagement. Address 77F, care American Architect. (1877-8)

CLERK DESIGNER, man with executive ability, would like to get in touch with architect who is desirous of a man of that character, and where capability and integrity would command recognition. Have had ten years' office experience, with college training; am a holder of Architectural League Scholarship; at present in charge of a large western office. Address 77A, American Architect. (1877-8)

ARCHITECT, graduate of Mass. Inst. of Technology, with seventeen years' practical experience on first-class work of all description, desires a permanent position, or to become associated with an architect in New York City. Address 78F, care American Architect. (1878)

ARCHITECTURAL DRAUGHTSMAN, at present in New York City, desires position in architect's office. General work, working drawings, details, etc., for first-class buildings; American and European experience. Temporary employment acceptable. Address 78E, care American Architect. (1878)

ENGINEER—MECHANICAL AND ELECTRICAL—Thoroughly experienced in mechanical, electrical and sanitary equipment of modern buildings, possessing pronounced engineering and executive ability, and agreeable personality; at present engaged in consulting practice; desires engagement with firm of architects in charge of engineering work; design, specifications, installation, etc. Address 78A, care American Architect. (1878)

DRAUGHTSMAN—Young man, graduate of a University Architectural School, with little office experience, seeks a permanent position with an architect in New York City, vicinity, Connecticut or Massachusetts, near Connecticut. Is willing to work hard and wants to learn. Salary no object. Address 78B, care American Architect. (1878-tf.)

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DRAUGHTSMAN, good all round, many years' experience; also a broad education, seeks connection where more designing and coloring A.S.P., than present line affords. Address 78D, care American Architect. (1878-9)

WANTED—Position in an architect's office; reliable man; years of experience; familiar with aspects of common practice; to be trusted in carrying out of work. Address 78G, care American Architect. (1878)

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TEACHER OF DESIGN, preferably an American, is wanted to assist in teaching design in one of the leading schools of architecture. Must have best of training. Salary, position and future dependent largely upon general fitness. Address 77G, care American Architect, giving age, nationality, outline of training, experience, etc. (1877-8-80)

WANTED—Architectural Draughtsman, good character, and able to produce results. Must have fair knowledge of design and construction. Man with year or two academic training preferred. Office doing good class public, commercial, and residential work. State age, salary, and ability. Address P. O. Box 607, New Britain, Conn. (1878)

(Classified ads continued on page following)

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(Classified ads continued from preceding page)

PROPOSALS

Office of the County Controller of Schuylkill County, Pottsville, Pa., December 15, 1911.—Sealed proposals will be received at this office until 12 o'clock noon, Wednesday, 27th day of December, 1911, and then opened for contract "X" "Bronze Tablet."

The above contract is necessary for the Furnishing and Equipment of the New Hospital for the Insane, now in course of construction at Schuylkill Haven, Pa., in accordance with the drawings and specifications as prepared by Louis L. Stockton, Architect, and Henry C. Pelton, Architect Associated, 8 West 38th Street, New York City. Separate copies of plan may be obtained at the Office of the County Commissioners on and after 10 a. m., December 15, 1911.

Plan on the above contract must be returned with the bidders' proposals, or else the estimates will not be accepted or considered.

The right is reserved to reject any or all bids.

By direction of the County Commissioners.
CHAS. T. STRAUGHN,
County Controller.
(1878-9)

Bids will be received by the New Court House Commission, at its office in the Court House, Jersey City, N. J., December 27, 1911, at 2 p. m.

For moving Judge's bench, with general alterations made necessary thereby, including new railing in front of bench.

Plans and specifications may be seen at office of L. C. Holden, architect, 103 Park Ave., New York City, and at the office of James A. Gordon, 586 Newark Ave., Jersey City, opposite Court House.

The Commission reserves the right to reject any or all bids.
JOHN J. TREACY, Secretary.
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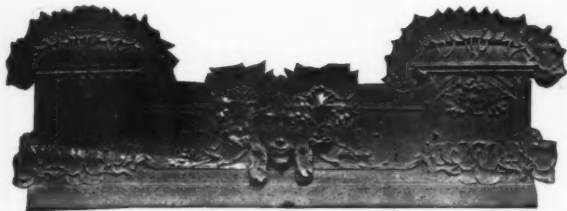
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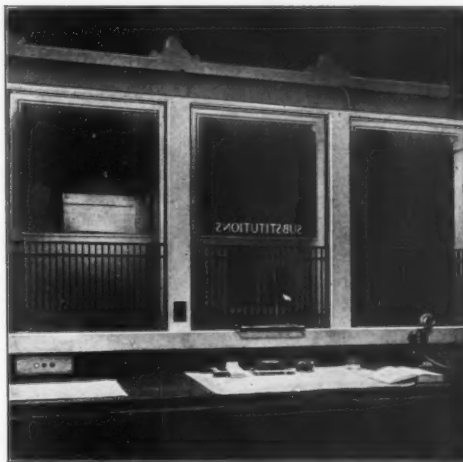
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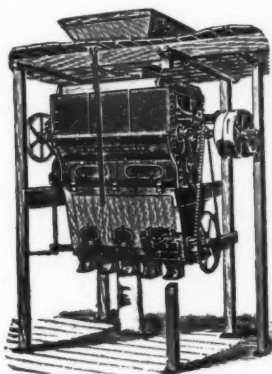
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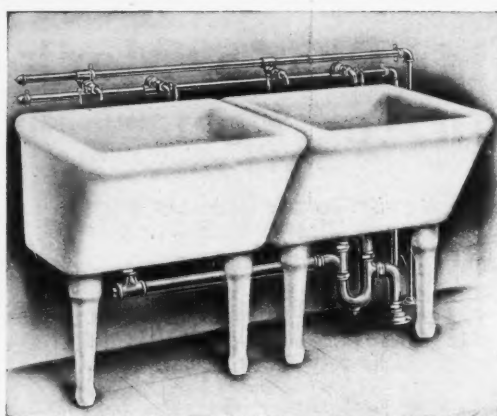


Plate 377

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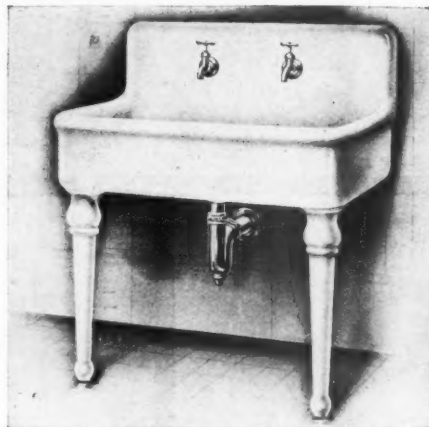
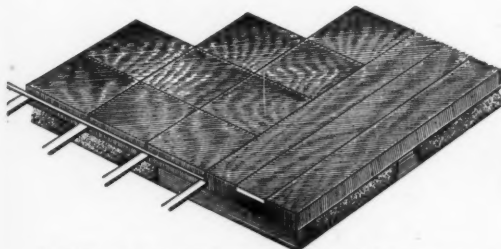


Plate 323

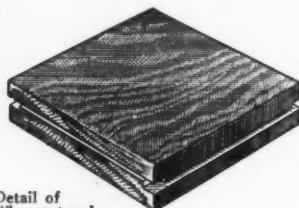
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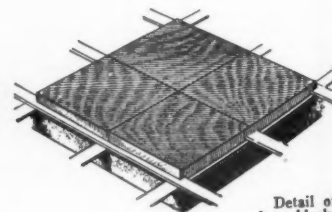
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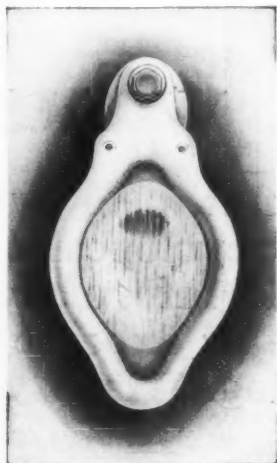
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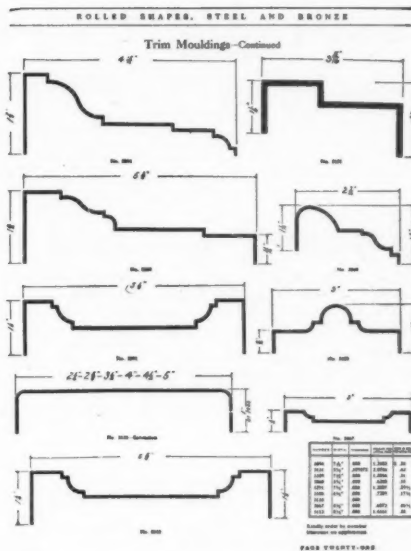
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A Typical Page of the
BUILDING TRADE CATALOGS
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Page 1

SECTION 35 G CATALOG 2
PADDOCK WATER FILTERS
ATLANTIC FILTER COMPANY

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Manufacturers of Paddock Water Filters

315 WHITE BUILDING

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PRODUCTS—PADDOCK SINGLE AND DOUBLE WATER FILTERS

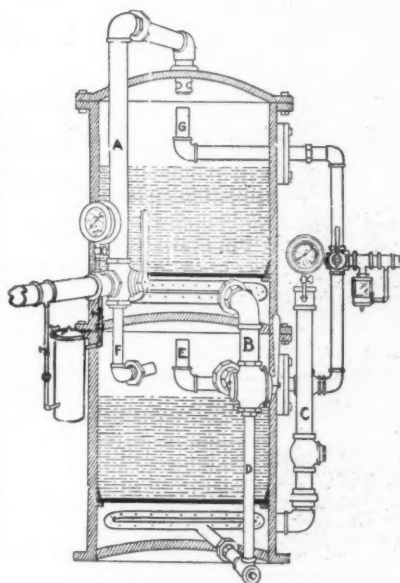
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2	1 1/4"	16"	7 to 14	6'	1,300	27
3	1 1/2"	19"	10 to 20	6'	1,900	30
4	2"	25"	15 to 30	6' 4"	2,800	37
5	2 1/2"	32"	24 to 48	6' 6"	4,500	45
6	3"	39"	35 to 70	6' 10"	6,500	54
7	4"	52"	65 to 130	7' 9"	9,000	68
8	5"	65"	100 to 200	8' 9"	12,000	78

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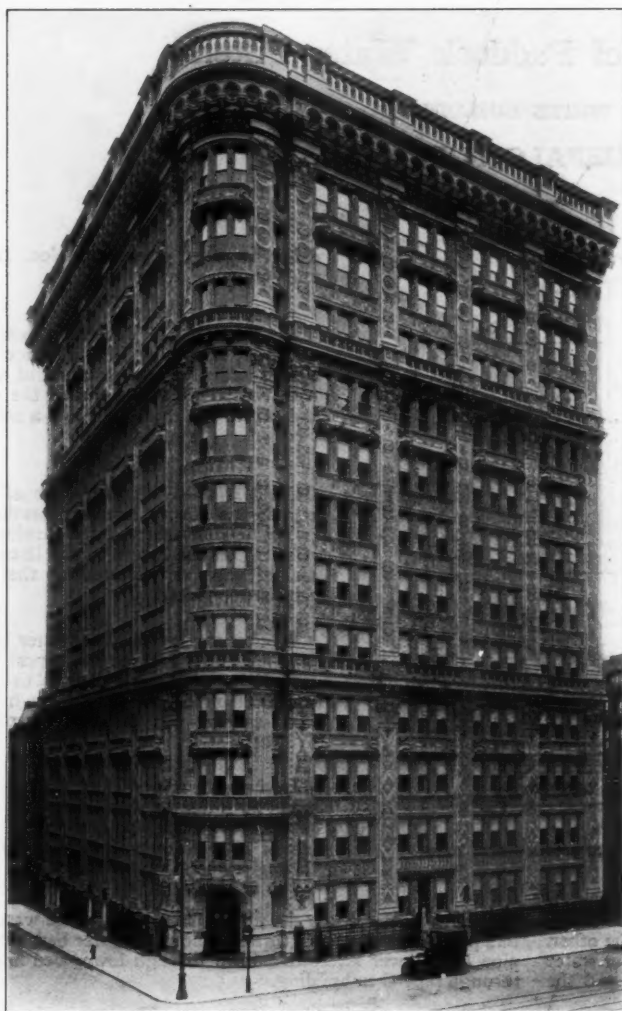
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Makes windows work as if ball bearing.

Badly acting windows are a nuisance to any householder and old fashioned sash cord is more than likely to have bad places that will cause the cord to catch on the pulley and make the window stick.

REGAL sash cord is made on the *late improved* braider, is *inspected four times* before leaving our plant and it is a practical impossibility for one inch of the cord to be other than perfect in finish.

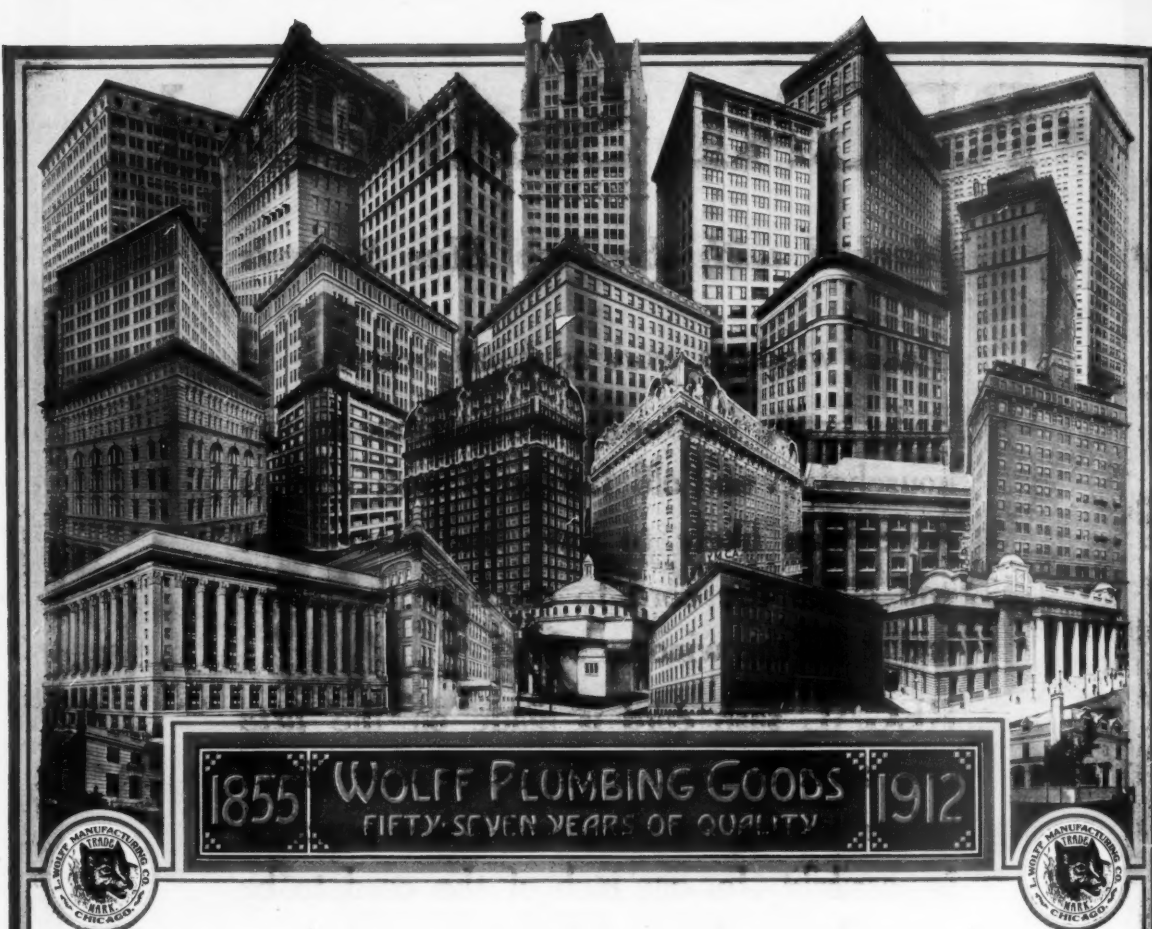
We have chosen one color, *blue*, with which to mark our cord so that the Architect can readily distinguish it from other makes. Our form of marking is a broken spiral line like cut shown in border.

Manufactured Solely by

PURITAN CORDAGE MILLS
Louisville, Ky.

Simmons Hardware Co., St. Louis, Mo.
Western Distributors

Kelley-How-Thomson Co., Duluth, Minn.
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THESE buildings, ranging from the modest residence to the imposing office building and mammoth hotel, have been chosen at random from those put into commission during the past twelve months in the different cities of the United States and represent a fair selection from the many examples of Architectural Art. In all of these the far-seeing architect has specified and the discriminating builder has accepted Wolff's Goods as embodying all the desirable features of modern plumbing backed by the reputation of Fifty-Seven Years of Quality.

L. Wolff Manufacturing Co.

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Plumbing Goods Exclusively

The Only Complete Line Made By Any One Firm

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MAY WE ESTIMATE ON YOUR PLANS?

We Have Complete Facilities and An Organization of Artists and Artisans
Competent to Execute All Work in the Following Lines:



INTERIOR DECORATIONS, including Fine Cabinet Work and Trim, Imported and Domestic Tapestries, Fresco Work, Painting and Wall Coverings.



ORNAMENTAL BRONZE and WROUGHT IRON Entrance Doors, Gates, Archways, Marquises, Candelabra, Bank Screens, Check Desks, Tablets, Clocks, Stair Rails, Facias Elevator Fronts and Cars, Statuary Bronze.



LIGHTING EFFECTS; Chandeliers, Newel Lamps, Wall Brackets, Special Lamps, Entrance Torchères, Ceiling Discs, Sanctuary Lamps, etc.



MOSAIC WORK and LEADED GLASS WINDOWS, Landscape Windows, Mantel Facings and Inlay Work for Public Buildings and Private Residences.



FURNITURE and RUGS, including Modern and Antique Pieces. Special attention is called to Tiffany Rugs, which are made specially in any size, color or design desired.

An opportunity to co-operate with Architects on their plans for the
Interior Work of Banks, Residences and Public
Buildings is solicited.

DISTINCTIVE WORK.

REASONABLE PRICES.

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CHICAGO OFFICE, ORCHESTRA BUILDING - BOSTON OFFICE, TREMONT BUILDING.



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HARDWARE

MAIN DOORWAY, SCHOOL BUILDING
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SARGENT Hardware and Locks are the choice of experienced architects who take into account every quality that building hardware should possess.

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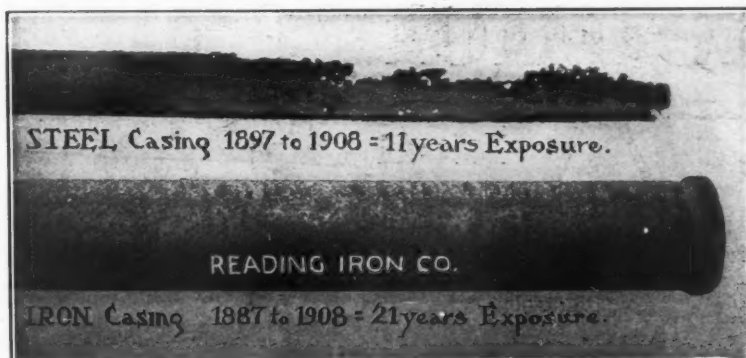
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SARGENT HARDWARE is obtainable through representative hardware merchants in all cities.

Architects Know

That a building is only as good as its pipe equipment. The cut illustrates that steel pipe lacks the necessary durability to make its use practical or safe in buildings of importance.



Modern buildings are constructed for permanence, and, naturally,

Reading Wrought Iron Pipe
should always be specified.

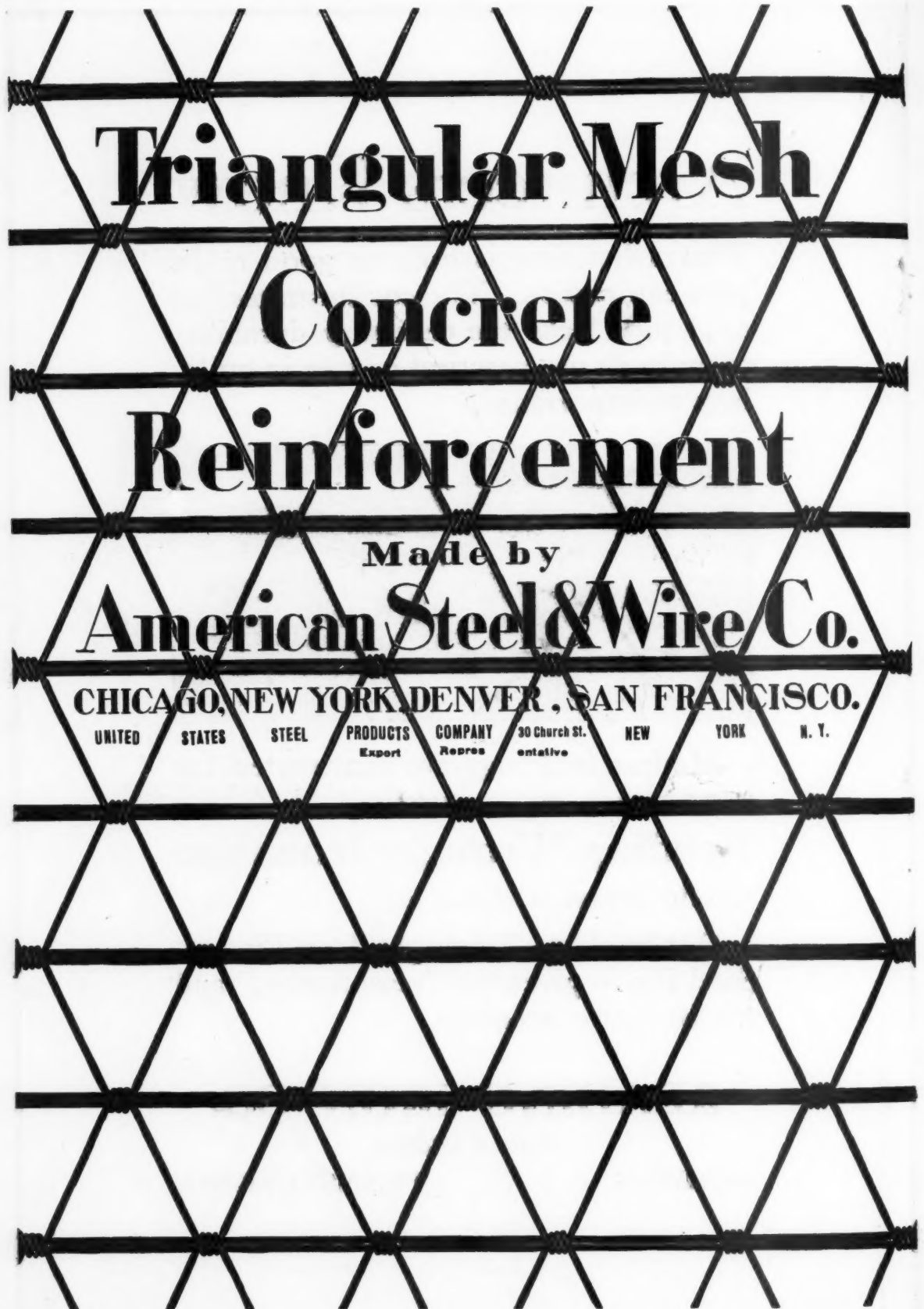
Our booklet—Wrought Iron Pipe vs. Steel Pipe—gives the “reason why,” and will be sent on request.

READING IRON CO.

Baer Building

READING

PENNSYLVANIA

The advertisement features a background of a triangular mesh pattern, resembling wire mesh or reinforcement. The mesh is composed of horizontal and diagonal lines forming a series of triangles. The text is overlaid on this pattern.

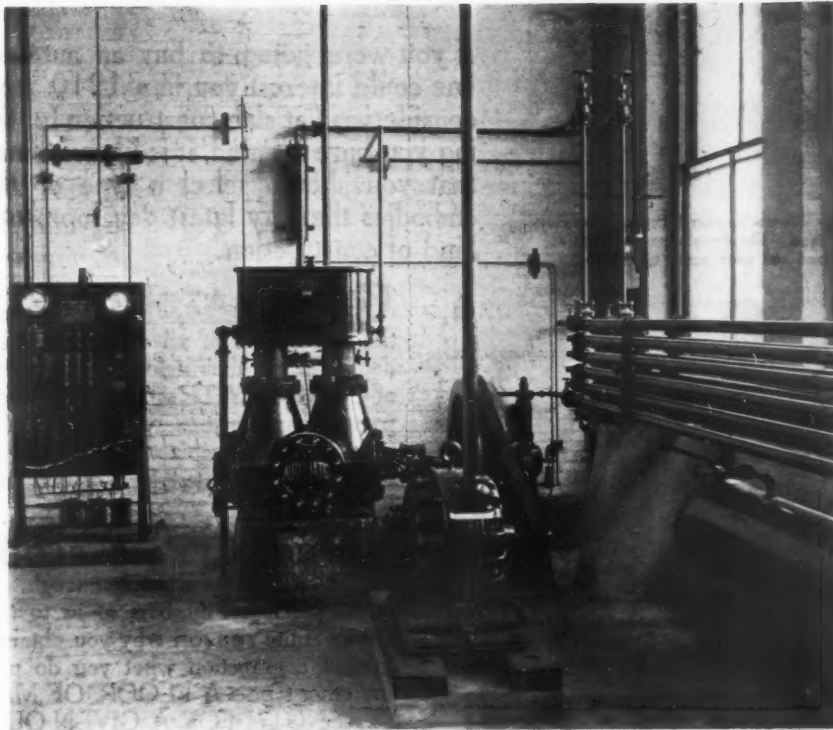
Triangular Mesh Concrete Reinforcement

Made by
American Steel & Wire Co.

CHICAGO, NEW YORK, DENVER, SAN FRANCISCO.

UNITED	STATES	STEEL	PRODUCTS	COMPANY	30 Church St.	NEW	YORK	N. Y.
			Export	Repres	entative			

Automatic Refrigeration is Safe



Automatic Refrigerating Plant in the City Market, Lynchburg, Va.
Mr. Edgar C. Wiley, Consulting Engineer, Lynchburg, Va.
This Plant Refrigerates 18 Separate Market Boxes and Display Counters.

Mechanical refrigerating plants require water for condensing purposes. Sometimes the water supply is interrupted.

In a NON-Automatic plant this may cause the head pressure to rise above the danger point and *disaster results*.

In an *Automatic* plant, the High Pressure Cut-Out automatically *stops* the plant long before the danger point is reached and when conditions again become *normal* it automatically *starts* the plant again.

The Client whose property is safest is the most pleased. Will you put *your* Clients in that class? It is growing fast.

Do not hesitate to ask our help.

THE AUTOMATIC REFRIGERATING COMPANY

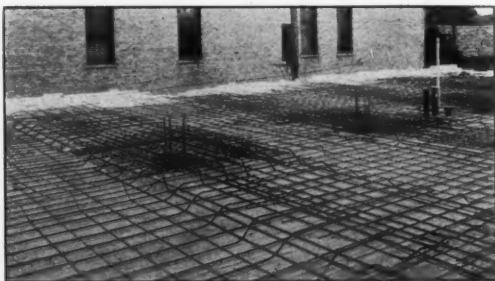
Main Office and Works: HARTFORD, CONNECTICUT

We are the *ONLY* builders of AUTOMATIC Refrigerating Plants and are thoroughly protected by Patents

The Latest Development in Flat Slab Construction



Warehouse of the Powers Transfer & Storage Company, Minneapolis, Minn. The floors were designed for a 200-lb. load and were tested to 400 lbs.



The Powers Transfer & Storage Company, Minneapolis, Minn., using CORR-PLATE FLOOR construction for their new warehouse. This cut shows the Corrugated Bars in place on the job ready for the concrete.



Ford Motor Co., Detroit, Mich. Note the smoothness of the ceiling

If you were going to buy an automobile, no one could interest you in a 1910 model. In considering flat slab construction for the building you have in mind, it is likewise but natural that you should select a type of floor that embodies the very latest developments in this kind of construction.

CORR-PLATE FLOORS combine the advantages of all other types of girderless floors, without their defects. The great strength of **CORR-PLATE FLOORS** is due to the proper arrangement of a kind of reinforcement that is recognized as standard the world over—the Corrugated Bars of our manufacture.

Concrete and Corrugated Bars, then, are what **CORR-PLATE FLOORS** are made of. That is simple enough. Then the proper placing of the bars so as to take up all stresses is the reason why you obtain with this type of construction what you do not get from any other type—A FLOOR OF MAXIMUM STRENGTH FOR A GIVEN QUANTITY OF MATERIAL AND OF UNIFORM STRENGTH AT ALL POINTS.

CORR-PLATE FLOORS give a smooth, beamless ceiling, as shown in the illustration. For attaching shaft hangers and overhead machinery a smooth ceiling is of great advantage. By the elimination of girders and beams you reduce the story height, economize in building material, obtain more headroom, get a better diffusion of light and a more attractive building.

Tell us what your building plans are, and we will write you just how **CORR-PLATE FLOOR** construction will meet your requirements.



Corrugated Bar Co.

402 Mutual Life Building
BUFFALO, N. Y.



NEW YORK

CHICAGO

ST. LOUIS



Tyrofuse

TRADE MARK

AT LAST A PERFECT GARBAGE DESTROYER
THE ACHIEVEMENT OF THE YEAR

NO AMERICAN LIKES TO STAND STILL

235,000

tons of garbage were dumped into the rivers of the Middle States, a most unsanitary method of disposing of household refuse.

For fifteen years over 94% of our cities made no progress on the line of enlightened and scientific disposition of the communal waste.

INDIVIDUAL

disposition is the method accepted by the people as the solution of this problem. Architects include a Prescott *Tyrofuse* in all their high-grade buildings.

THIS PICTURE

shows the front page of a booklet that is of interest to you.



SEND FOR IT



Get into the habit of talking, thinking and specifying the *Tyrofuse* Method. It has made good. Send for our Catalogue G.

J. B. Prescott & Son, Mfrs.

Factory and Main Offices, Webster, Mass.

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Hy-Rib

Type of Hy-Rib	Spacing of Ribs	Height of Ribs	Width of Sheets	Gauge Nos.	Standard Lengths
3-Rib HY-RIB..	7"	13/16"	14"	24, 26 or 28	6', 8', 10' and 12,
4-Rib HY-RIB..	3 1/2"	13/16"	10 1/2"	24, 26 or 28	6', 8', 10' and 12,

Hy-Rib is a steel sheathing, stiffened by rigid, deep ribs, formed from a single sheet of steel. Hy-Rib does away with the use of centering and studs in concrete construction. Hy-Rib provides a perfect surface and clinch for plaster.

PARTITIONS—

Set the Hy-Rib sheets up vertically; plaster both sides and the partition is complete. Hy-Rib does away entirely with the use of studs, saving expense, labor and time. Hy-Rib is more economical than lath and channels.

CEILINGS—

Hy-Rib is attached to the lines of support and plaster applied directly to the under side. Hy-Rib does away entirely with the small channels, T's and angles necessary where ordinary lath is used.

FLOORS AND ROOFS—

Merely lay the Hy-Rib over the supports; pour in the concrete and plaster the under side. Hy-Rib provides both the centering and reinforcement for the concrete, reducing costs and simplifying construction.

WALLS AND SIDINGS—

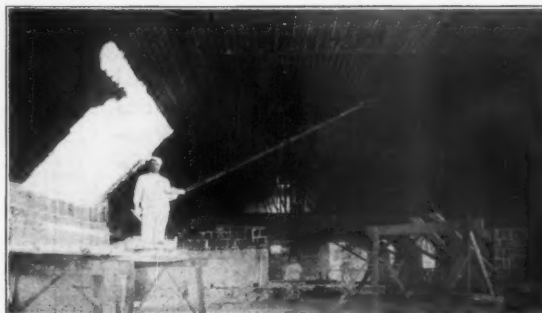
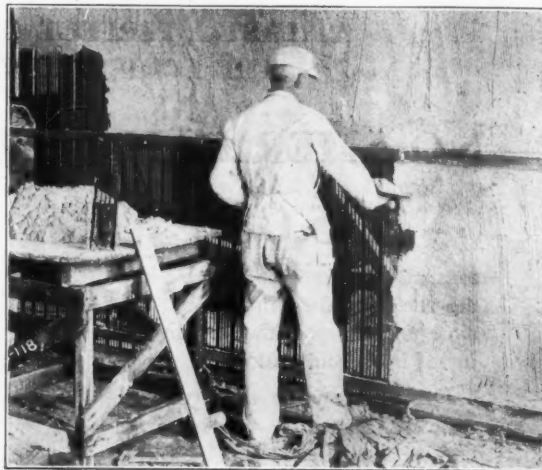
Set up the Hy-Rib sheets, apply the plaster to both sides, and the wall is complete. Hy-Rib provides a solid, monolithic wall, two inches thick, at half the cost of brick. No centering or studs are required.

FURRING—

Attach the Hy-Rib to wall with lath side outward and apply the plaster. Hy-Rib does away with furring strips.

HY-RIB HAND-BOOK FREE

*112 pages, containing complete details of all framing and connections, complete specifications, numerous illustrations and full descriptions, sent **FREE** on request.*



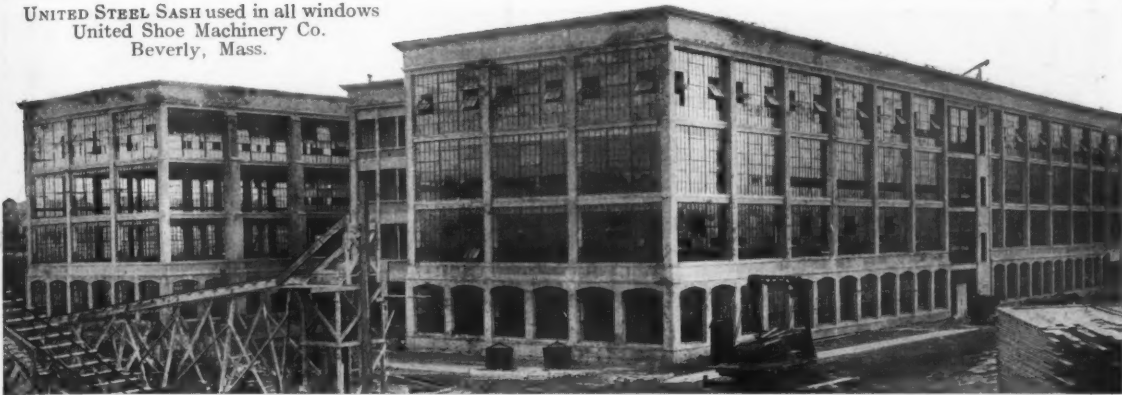
Trussed Concrete Steel Co.

DETROIT, MICH.

KAHN SYSTEM OFFICES IN PRINCIPAL CITIES



UNITED STEEL SASH used in all windows
United Shoe Machinery Co.
Beverly, Mass.



More Daylight Means Higher Quality and Greater Output

Exceptional strength of U. S. Sash.
Eight men balanced
on Ventilator.



Daylight interiors make workmen more accurate and speedy, reducing scrap piles, saving artificial lighting and increasing the available working space.

United Steel Sash give maximum lighting value to windows. United Steel Sash cannot burn or wear out and are more economical than wood sash.

U^{nited} S^{teel} SASH

Exceptionally strong and rigid—not weakened in any way by cutting or punching away the metal—large, wide ventilators with double, circular contacts to shut out drafts and rains—improved method of glazing with special spring clips.

United Steel Sash are made in various types: for side walls, for monitor and sawtooth roofs, and in a large variety of sizes.

Write for U. S. Sash Catalogue, containing illustrations, details, tables, etc.

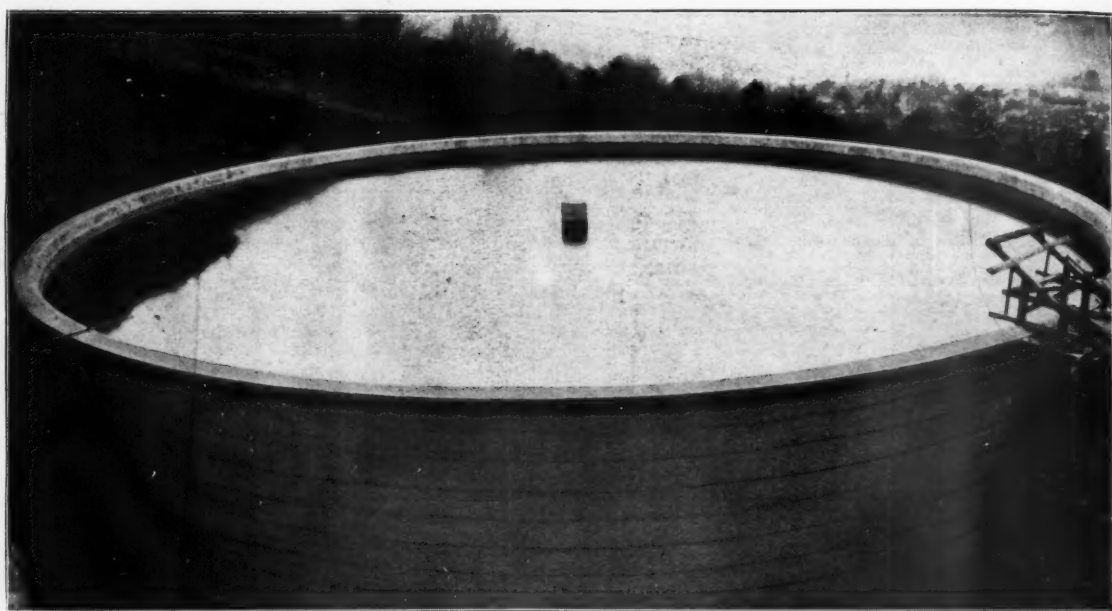
Other Kahn System Building Products include; *Kahn Trussed Bars* for Girders, Beams and Floors; *Rib Bars*, used as vertical reinforcement in columns and to resist direct stresses; *Collapsible Column Hooping*; *Rib Metal* for Sewers, Conduits, Tanks, etc., and *Building Specialties*.



Trussed Concrete Steel Co.
DETROIT, MICH.

KAHN SYSTEM OFFICES IN PRINCIPAL CITIES





The new five-million gallon Auxiliary Reservoir, at Asheville, North Carolina

This Great Reservoir Leaked Badly

but was thoroughly and permanently waterproofed by using
TRUS-CON WATERPROOFING PASTE. Read what Mr. N. Buckner,
Secretary Asheville Board of Trade, says about it.

"This reinforced concrete reservoir, built to insure an auxiliary or emergency supply for the water system of Asheville, N. C., has a capacity of 5,000,000 gallons of water. The reservoir is 150 feet in diameter at the bottom and is 40 feet deep. The wall is three and one-half feet thick at the bottom and tapers to a thickness of eight inches at the top. The reservoir holds a quantity of water sufficient to last the city three or four days, should it become necessary to repair any break in the pipe line, nearly twenty miles long, to the intake in the mountains, from which Asheville is directly supplied with water.

"As originally constructed by an outside firm, the reservoir was not satisfactory, but has been brought to stand a thorough test and has just been accepted by the city after additional work, which was done by Mr. George H. Davidson, a contractor of Asheville. The bottom of the tank, when Mr. Davidson began work on it, was from two to six inches thick, with concrete filling up the crevices, and the entire floor of the tank was cracked very badly. The sides of the tank were originally built in 5-foot sections, and at these seams there was a constant leakage. At some places there were cracks up and down the wall, while nearly all of the wall was porous and water seeped through. Mr. Davidson broke out all of the old bottom entirely around for a distance of two feet

from the walls, going down to solid rock and cleaning out all cracks and crevices. He then filled all with good concrete and Trus-Con Waterproofing Paste to the level of the old floor. On top of this he laid an 8-inch floor with 1/2-inch reinforcing steel, filled with Trus-Con Waterproofing Paste and concrete, as per Trus-Con specifications, using fifteen barrels of the Paste in the bottom. He then cut out all joints on the walls and filled them with Trus-Con Waterproofing Paste.

"Mr. Davidson's contract was 'no pay if not watertight' after a test of 90 days with reservoir full of water; and at the end of 90 days the mayor and five aldermen examined the reservoir and found that he had complied with his contract and made good. Quite a number of outside firms made bids for waterproofing of this reservoir, the lowest bid of these being in the neighborhood of \$20,000, while the cost under Mr. Davidson's plan was \$11,400, and he made some money. A number of firms making waterproofing material solicited this business, but after demonstrations and examining the merits of the various waterproof materials, Mr. Davidson told me that he had decided Trus-Con Waterproofing Paste was the best material to use; and he used it and made good."

(Signed)

N. BUCKNER,
Secy. Asheville Board of Trade.

The use of **TRUS-CON WATERPROOFING PASTE** is simplicity itself: merely add Trus-Con Waterproofing Paste to the water used in mixing your concrete or mortar. The entire mass is thoroughly and uniformly waterproofed, as the Paste is distributed with the water to all parts of the concrete. Chipping or abrasion of the surface does not affect its waterproofing qualities. **TRUS-CON WATERPROOFING PASTE** saves special mixing and expensive field labor—assures waterproofing of greatest permanency—waterproofs the compound uniformly throughout its mass—avoids the uncertain waterproofing experienced with powder compounds—does away with the great expense of special felts and bitumens—gives most efficient results with greatest ease and economy.

Write us for additional literature and suggestions on your own problems.



CHEMICAL PRODUCTS DEPARTMENT
TRUSSED CONCRETE STEEL COMPANY
DETROIT, MICHIGAN



FORTY-FIFTH ANNUAL CONVENTION OF THE AMERICAN INSTITUTE OF ARCHITECTS

December 12, 13 and 14

SUMMARY OF SECOND DAY'S PROCEEDINGS

THE Convention was called to order at 10 o'clock, by President Pond, and the regular routine business taken up. After some debate a recommendation presented by the Resolutions Committee calling for the appointment of a special committee on publicity was adopted. This committee, which will work in conjunction with the secretary's office, will receive monthly reports from the various Chapters, and will endeavor to supply reliable information as to the work of the Institute.

It is gratifying to be able to record this action on the part of the Institute. It is along lines that have been advocated by THE AMERICAN ARCHITECT and it is hoped that in future not only will reliable information be supplied the public press but misleading statements published as to the practice of architecture will be corrected in the columns in which they originated.

An interesting feature of this day's session was the discussion on the education of the draughtsman, called forth by Chairman Cram's request for expressions of opinion.

The consensus of opinion as brought out in the discussion was a general approval of the plans outlined in the report of the Committee on Education although there was on the part of certain speakers a tendency to regard with disapproval some features of the method employed by the Beaux-Arts Society. Probably no subject that is receiving the attention of special committees is more carefully studied than the problems that surround the training of the student. The results will show in coming years, much to the credit of the men who are so unselfishly giving their time to these matters.

The Convention placed itself squarely on record as opposed to the "deplorable Lincoln roadway scheme" as a national memorial. It appeared during the debate that the Potomac Park site would alone find favor with the Institute.

The afternoon session, like that of the day before, was given up to the reading of specially prepared papers, dealing with topics of interest to the profession.

Mr. George Oakley Totten, Jr., gave an illustrated talk, describing the recent International Congress of Architects, held in Rome, last month.

Mr. Donn Barber presented an interesting paper, and after a general discussion the Convention adjourned.

On the evening of December 13, Mr. George B. Post, who for more than fifty years has been a member of the Institute, was presented with the Gold Medal of Honor.

The presentation took place in the auditorium of the New National Museum, and was one of the most brilliant assemblages of prominent men and women in public, artistic and social life of Washington. The following description of the ceremonies, as described in part by a writer in the *Washington Star*, will be read with interest:

George B. Post, architect, was honored last night by President Taft, Ambassador Jusserand, the regents of the Smithsonian Institution, a brilliant galaxy of society folk, and members of the American Institute of Architects. Gathered beneath a dazzling white light in the auditorium of the New National Museum, President Taft spoke his praise of Mr. Post, Ambassador Jusserand paid high tribute, and the regents of the Smithsonian Institution, through its Secretary, Dr. Charles D. Walcott, extolled the career of the honored architect.

Then when the group of savants and the galaxy of society folk had concluded their white-gloved applause, the American Institute of Architects, through its secretary, Glenn Brown, presented the gold medal which is conferred but once in three years, and which had been given to only two men.

The glittering symbol of the highest honor that can be paid to an architect and reposing on a pillow of royal purple was borne to the front of the stage, and there in the sight of the President and the assemblage of distinguished men and women suspended around the neck of Mr. Post.

Mr. Post stepped to the front of the stage, and in a voice vibrant with emotion, uttered a few words, slowly and clearly enunciated, which contained all the thanks a man could give in return for such honor. He said:

"It is fortunate I have been told I need not deliver a formal address, for it would have been impossible in the preparation of a speech to have found words which adequately express my appreciation of the honor done me. This medal always will be guarded as a most precious treasure, and its memory will be enhanced by the memory of this presentation."

A reception preceded the presentation and the hall of the New National Museum was thronged.

REPORT OF THE COMMITTEE ON EDUCATION, A.I.A.

SOME four or five years ago this committee began a systematic study of educational conditions in America as these apply to architecture; in the beginning it devoted itself to the development of what, with unjustifiable assurance, perhaps, may be called a philosophy of architectural education; then it initiated a more careful scrutiny of scholastic facts and a preliminary effort to make these facts fit its theories, or, when such correspondence seemed impossible, to modify the facts themselves rather than abandon its preconceived and tenderly cherished opinions. During the past year more than ever before it has applied itself to correspondence and investigation, and in this process it has had borne in upon itself two facts of salient significance; first, that while definite steps have been taken in at least one university toward making the more strictly architectural training a graduate course, many degrees in architecture still represent courses that embrace too little training in those branches of study that tend to the broader development of the students, and in many localities the colleges apparently fail to appreciate the importance not only of a complete architectural department, but also of general courses in the fine arts for the whole undergraduate body. Second, that there is apparently a very complete lack of interest among architects as to the kind and quantity of education that is or may be offered by the recognized schools or other agencies of training.

On the other hand, let it be said at once that both these statements must be qualified by testimony of an encouraging nature; in no case are any of the organized schools of architecture found to be hide-bound or unfriendly, all are ready to receive suggestions and to act on them when they justify themselves or when such action is materially possible, while the cold and almost unbroken silence that was the sole reply received by the committee to its circular letter sent to every member of the Institute, and the response from the presidents of chapters to the letter sent them (a response cordial only by contrast), were mitigated by the enthusiastic and grateful letters received from one or two unanticipated sources, and by the active interest that has developed at several widely isolated points, whereby we are enabled to report such admirable results as those to which we shall refer later on.

In spite of this, however, we are still impressed with the loss that follows from a too great individualism in education and the singularly languid interest in educational matters that marks the profession as a whole, and this year we are about to try an experiment, nothing less, indeed, than an educational conference on the first evening of this convention, to which we have asked each chapter to send a delegate, in the hope that so we may take a first step toward coördinating the educational interests of the country, eliciting direct statements from the several sections as to conditions, desires and possibilities, and stimulating interest in this fundamental and vastly important consideration.

We believe the results of this conference may be of interest, but they can be available only for the use of the committee of next year, and since the conference itself may safely serve as a safety-valve for the theories of this committee and its conferees, it is not necessary this year for us to burden the convention with them, rather we may pass at once to a categorical consideration of the concrete facts that we have to report to the Institute.

And first as to the circular letters emitted by this committee; these were considered both eloquent and stimulating (by the committee itself), yet four responses only were received to the letter to members, one from Seattle,

one from South Carolina (very appreciative and encouraging) and two from Philadelphia, one from without the Institute being a request for information in regard to facilities for architectural study in that city. The letter to presidents of chapters has been fully answered by Philadelphia, Washington, D. C., Los Angeles and Pittsburg—Boston, New York and Detroit being also fully reported on by members of this committee. It has been acknowledged and referred to committees by Colorado and Illinois. "The rest is silence."

It may be remembered from our report of last year that Columbia College was the first to accept our suggestions and establish definite courses for extra-collegiate students in applied mathematics, construction, history, ornament and design. These were given under university auspices in the building of the Society of Engineers, downtown, and were surprisingly successful, except in the case of the history course, which acquired no popularity whatever. This committee was convinced that extension work, to fulfill all its possibilities, should be downtown, near the architectural offices, but the cost was very great and, as a matter of fact, the many students saw no objection to going uptown to University Heights, therefore this year the courses are being given at Columbia, and are as last year except that the general course in history has been omitted and its place taken by detailed historical courses; ancient architecture this season, to be followed by mediaeval architecture next year. The work now provided by Columbia covers practically all the first and second year work in the architectural department of the college, the courses being properly called "extension" courses; there are eleven courses in all, with a total registration of 134, many individual students, of course, being registered several times; the fees range from \$5 to \$20 for each course. Elementary drawing is naturally the most popular, with twenty-four students; history the least desired, for only six have entered in the two courses offered, a sad commentary on the ideals and the breadth of view of the architectural draughtsman.

In Philadelphia, last year, the University of Pennsylvania, at the instigation of this committee, instituted classes in mathematics and history; this year these courses are being continued, with the addition of the whole matter of architectural design, which, carried on so long and successfully by the T-Square Club, has now been surrendered to the university, where the students get the benefit of the college faculty and the library.

In Boston all efforts to get hold of some of the funds available for extension work have thus far failed, and it has remained for the Architectural Club to shoulder the whole responsibility, as it has done in the past, and finance it from its own exchequer, with some assistance from the Boston Society of Architects, and certain members of the profession. Except in name and its lack of official support, this is practically university extension work of the best and most highly organized quality, although not strictly speaking extension work, as the courses are not identical with courses given in any college and do not count toward any established degree. The activities are enormous, the registration equally so; the instructors are the pick of the Harvard and Technology Faculties, including Professor Warren and M. Duquesne; the enthusiasm quite unexampled. There are courses in architectural drawing, design (four sub-classes), mathematics, construction and history; there is also a life class. Following the suggestion of this committee, it has divided its classes into four groups, so that all students are expected to acquire education instead of indulging in specialization; there are, first, preliminary design and mathematics; second, order problems, drawing from

casts, construction; third, Class B plan problems, drawing from life and history; fourth, Class A plan problems, drawing from life and history. Every student taking a design course is expected to take the other courses in the group, and are so doing in almost every case.

The first group is open to all comers; the three other groups to members of the club. Each supplementary course comprises twenty-five lectures, and the fees are, for the whole first group, \$8 for non-members or \$2 for club members, and for the other three groups, ranging from \$2 to \$12 a course in addition to the usual club dues. The total registration is 194, there being over 100 individual students.

The design problems are carried on under the competition rules of the Society of Beaux Arts Architects; the mathematics, construction and history course are laid out on the assumption that little outside work can be expected (none being required), the mathematics is distinctly "applied mathematics," covering those problems in geometry, descriptive geometry and trigonometry which lead most directly to the problems the draughtsman will have to solve in the office; the construction course is elementary, dealing not with mathematical questions so much as with methods of construction and the characteristics of materials; the history course is broad and comprehensive, illustrated with lantern slides and showing the principal steps in the development of the several styles and ending with a practical demonstration by examples of ancient and modern work, of the application of precedent to actual problems. In contrast to the experience of Columbia, it is interesting to note that this course began with a registration of 16, and has since increased to 25.

In Los Angeles the local Architectural Club maintains four classes, viz., out-of-door sketching, construction, drawing from the life and design, the latter admitting to competition for an annual scholarship of \$1,000.

In Detroit there is no architectural education of the kind we are considering, but the new School of Design may possibly initiate such courses. The University of Michigan has announced its readiness to give extension courses in architecture in Detroit whenever there is a demand for them.

In Pittsburgh and Chicago we find no need for extension courses in addition to the work already being accomplished by several local agencies. In Seattle advances have been made toward draughtsmen, but they fail to respond to the offers of instruction at night in design and the allied courses of study; the State University is not inclined to render any assistance, and nothing is being done. In Denver only very limited architectural education is provided by the State University, such as there is being merely an adjunct of the engineering department and without the direction of any professor of architecture, or even of a graduate of a recognized school of architecture. An advanced course has been under consideration, and may possibly be put into effect next year.

From Washington, D. C., we received a most thorough and altogether admirable report on local conditions; a special committee investigated the question fully, noted the inefficiency of several agencies of evening instruction, the creditable work in design carried on by the Architectural Club, the unfortunate abandonment of a regular department in Geo. Washington University through pressure of material considerations, and offered specific suggestions to its chapter as to what it could and should do in cooperation with the Architectural Club in its educational work, the giving of talks on the general conduct of the architectural professions and the immediate concentration of its efforts toward establishing a chain of architecture in such a way as to use to best advantage the various educational opportunities of the city. If all chapters would appoint committees that would analyze local conditions in this thorough manner and present definite plans of action in as forceful a way much would be accomplished.

From Columbia, South Carolina, this committee received one of its most encouraging and appreciative letters. At the University of South Carolina a class in architecture has been carried on for four years, with considerable success. The university authorities are keenly alive to the desirability of a regular course in architecture, but no funds are available. An evening class open to all students and local draughtsmen has been started, and the first steps taken toward the establishing of general educational courses in architecture. This completes the information in regard to present conditions which the committee has been able to obtain.

The question of a graded plan of credits in architectural study was referred to this committee by the last convention; since then the Architectural League has published its revised and amplified schedule, and we commend this to the attention of members, without analysis or criticism, both of which, we believe, lie rather within the province of professional educators. Such a plan may well be initiated and blocked out by architects, but the technical discussion is a matter for those to conduct to whom would fall the duty of putting the plan in operation.

As to the matter of State licensing vs. Institute licensing for architects, we can only repeat our argument of last year, viz., that in the opinion of this committee a man should be tried, tested and "admitted to practice" by his peers, i. e., the American Institute of Architects, precisely as a lawyer is admitted to the bar by his peers. Until this is possible we would like to see Institute membership accepted by all licensing boards as satisfactory evidence of fitness to practice, as is now done in New Jersey and Colorado, if this can be shown to cause no confusion through the acceptance of two standards which may or may not be on a par with each other. We believe that in the main the licensing boards are composed largely, if not entirely, of architects, and that it is of the utmost importance that where this is not so the laws should be properly amended and that all possible precautions should everywhere be taken to insure the appointment to these boards of none but men of the highest professional standing.

This committee has been deeply and unfavorably impressed for many years by the lack of knowledge of the most rudimentary architectural ideas, and a corresponding contempt and disregard therefor, exhibited by many engineers, as well those of eminence and international reputation as those of more modest attainments. In some instances this ignorance and contempt are apparently complete and have resulted (in cases that have come under the observation of members of the committee) in mutilated architecture and, in the end, actual loss of efficiency in certain structures, and a very real financial loss. In one instance a group of architects was called upon to do what it could toward redeeming—artistically—an engineering project already structurally complete; the engineering here was willful in its defiance of all architectural laws of planning, and the result was both ugly and extravagant; subsequently the same group of architects had the initiative in a similar project, and the contrast between the two results was notable—even by the strictly utilitarian owners. As a matter of fact, the training of an architect gives him a singularly broad and comprehensive vision, while that of the engineer is so intensive it frequently produces what one distinguished college president has denominated "mere narrow-minded specialists."

With this in mind, this committee opened negotiations with the several schools of engineering, and at the time this report was formulated had received answers from Washington University, St. Louis, the University of Illinois, Ohio State University, the University of California, Massachusetts Institute of Technology, and Cornell. Our recommendations were to the effect that joint problems should be given for both engineering and architectural students with such reciprocal instruction as would make

such joint work possible, the idea being that every architectural student should have a definite minimum of structural and engineering education, every student in engineering a definite minimum of architectural and cultural training. All the correspondents stated it as their opinion that the idea was a good one; some reported work of this sort made fairly efficient by extension of the usual term of school training, the general opinion being, however, that very little could be accomplished in a four years' course.

This matter is one of greater importance than appears on the surface. For several generations all education in America has tended toward "free electives," high specialization, "bread and butter" courses, the object of which was to make the student a wage-earning animal at the earliest moment and in the line of narrow, intensive activity. The result has had its limitations so far as the making of character and the development of culture and education are concerned. Within five years an amazing change has revealed itself, and now the pendulum swings back again toward broader and more liberal culture, with a certain amount of faculty authority taking the place of an uncertain amount of undergraduate license. We cannot lag behind this great reform, which is one of the most significant and encouraging events of recent times. Our schools must see to it that every architectural student is first of all an educated gentleman, in the old sense of the phrase; that he does not give all his time to design problems or rendering exercises, to the exclusion of history, both general and architectural, literature, philosophy and Latin; or to structural engineering, without a compensating study of that civilization, both past and present, that should condition all he does. We have found that in the extension courses that now exist—except in the case of Boston—lectures on history are the least popular; this year, for example, New York could produce only one man to take ancient architectural history in the evening classes, and but five for the mediaeval history, while twenty-four students took architectural drawing. This is all very natural, for the driving motive is quick increase of pay, but it means, if continued in, simply one thing, and that is an overplus of clever but essentially ignorant draughtsmen, who will remain such to the end of their days, and a dearth of men of sufficient cultivation and intelligence to become efficient practitioners of architecture. Apart from the schools, also, the architect himself may have a hand either in perpetuating an evil, or establishing a good. We are all prone, for commercial reasons, to drive a man who is particularly able in one line, straight along that narrow line, with a look neither to the right or left. If he makes catchy sketches, he is forced to sketch himself into the grave of watery deliquescence; if he is a good detailer of Georgian or Gothic ornament, he hammers at it from year to year exactly as the man behind the machine in a shoe factory puts on heels for eight hours a day, year after year, until his brain is atrophied, and he assaults the motor man or the elevator boy "to escape," as Chesterton says, "from the hell of bare existence."

Such a course may be in line with the principles of "efficiency" in office management, and profitable for the architect, though this committee is inclined to doubt it, but no one can claim that it is quite fair to the draughtsman. Last year we laid stress on the very real obligation that rests on the employer to see that his men have all possible opportunities for outside study, and that they are urged to take advantage of all such opportunities offered them; this year we add to this a recommendation for mercy to the specialized draughtsman, and a plea that so far as possible he be given opportunities to develop on lines other than those which capacity or accident have laid down for him. After all there was a certain rough generosity and justice—as well as a strong sporting element—in the custom of the late Joseph Pulitzer, of suddenly transposing the Wall Street and society editors, in giving the baseball editor the

music criticisms for a month, and in intrusting to the political prophet the religious functions of the week. The element of humor prevented the results being as hard on the public as would a similar shake-up in an architect's office, for humor is not a marked characteristic of the average client. We do not urge measures so drastic or so revolutionary, we only urge that the natural right of the draughtsman to life, liberty and the pursuit of happiness—which simply means that the man who has drawn nothing but classical mouldings for four years would like a chance at a set of quarter scale plans now and then—should be regarded by the architect and cheerfully conceded.

Two other matters have been considered by this committee, that of definite teaching in the several architectural schools of the rudiments of professional ethics and the nature and function of the institute, and that of the relation of juniors and draughtsmen thereto. We have received rather full replies to our letters addressed to the heads of departments bearing on the first question, and all are favorable to the idea. Columbia and Pennsylvania already have such definite ethical teaching, and Cornell also, though perhaps not quite so formally worked out; the others cover the ground in a measure, and in an indirect way. In the opinion of this committee such teaching is not only of the utmost value, but it cannot achieve its full effect until it is given *directly*, and treated as a matter of importance equal to design, construction and mathematics. We urge, therefore, on all the schools, consideration of the question whether it is not well for them to provide specifically in their curricula for a regular, even if brief, course, in architectural practice, as this manifests itself through the relations of an architect to his employees, his clients, his fellow architects, the public and the American Institute of Architects.

It has come to our attention that in some of the schools no consideration whatever is given to modeling; now in the opinion of the committee this is a very regrettable fact. Not only is sculpture so intimately allied with architecture that it would appear almost necessary that some slight practice should be given in its elements, but it is demonstrated that modeling is the best possible method whereby students may be brought to think in three dimensions rather than two; a state of mind which is the foundation of architectural ideas. All the great architects of the Quattrocento and the Cinquecento—to go no further back—were sculptors as well as architects, sometimes sculptors before they became architects. We recognize drawing from life as an essential part of architectural training. This committee is disposed to prolong this to its logical conclusion and to urge on the several schools that, in graduate courses at least, practice in modeling should be continued to the point where the student is given practice in modeling the human figure in the round.

We have no further light on the question of the formal relations of draughtsmen to the institute, and can only reiterate our statement of last year to the effect that some form of such relationship is, in our opinion, most important. We referred to three possibilities in our last report; junior membership in the several chapters, a junior body associated with but not an integral part of the institute, and membership in the Architectural League, which might bear the same relationship to the institute the Architectural Association bears to the Royal Institute of British Architects. We still give our conditional approval to the last of these schemes—in principle at least—but the question, while one of vital and pressing importance, is so complex in its ramification that it requires more extended study.

Finally, and lest we should break our record of infallibility in the production of tenuous theories and possibly impractical principles, we desire to say a word as to that education of the public which should be a corollary to the education of the architect. A public right in instinct or

trained in matters of art will act as the demand which, according to a law of economics, is sure to produce the supply, but conversely a trained body of architects is by no means sure to breed a trained appreciation. We have in America the best and most efficient group of architectural schools, by and large, to be found anywhere in the world. Each may perhaps be bettered in one way or another, in minor ways, but the great question that is really before us, is not the improvement of the schools, or the increase of their numbers, for while certain sections of the country might well support a first class school, we are strongly opposed to the multiplication of those that are second rate; it is not the raising of the many schools of this class to a rank of first importance, until every college and university has its own school of architecture, it is rather the education of the public—or to speak reasonably and not in hyperbole—a portion of the public, to a point where they will understand what architecture is, what it represents and what the profession of architecture is and stands for. Of course there are certain types of civilization that produce as a by-product just this artistic appreciation, this comprehension of art and demand for it as a mode of self-expression: there are other types which do nothing of the kind, and unfortunately our own appear to belong to this latter class. How far we can fight an established type of civilization, imposing on it from without a new set of ideas, is a debatable question. We have tried the experiment and after many modes with, it must be confessed, rather indifferent results. Our municipal and state governments seem to be generally averse to artistic ideals in any form, except in one or two singularly favored communities. Our colleges and churches are indeed seeing a new light, but the great financial powers are, if anything, following a retrograde course. Everywhere the architect finds himself engaged in a preliminary—and sometimes losing—battle in defense of the simplest principles of artistic integrity and professional dignity and rectitude. Is it not clear, therefore, that to re-

store the balance, something more should be done towards general education of the public? Even this committee lacks the temerity to formulate a general scheme for such a campaign, but we venture to suggest that in one direction we can perhaps do something. In many of the great State Universities that are such an enormous power in this country, there are evidences of a movement towards the establishment of schools of architecture. Instead of giving this movement a general approval, let us rather urge efficient and comprehensive departments of the Fine Arts, not for the benefit of specialists, but for the general student body. The day of the old intensive specialization in "bread and butter" courses is nearly at an end and a broader vision is asserting itself; let us use such influence as we have towards ensuring the inclusion in this broader curriculum of a proper study of the Fine Arts, not as in themselves examples of intensive specialization, but as an essential part of all civilization, past, present and future; not as technical and historical courses, but in the light of that true philosophy of aesthetics that sees art as an essential part of a well rounded man and of the civilization he creates; as one of the truest tests and exemplars of the history of any peoples and of their contribution to civilization, and as a cultural study that cannot be eliminated from any adequate education. With this as a foundation in any college, the step towards a professional school of architecture would be easy, but in the meantime the good that could be done in the building up of a few centers of artistic appreciation amongst the people would be incalculable and we cannot too strongly insist on the point that schools of architecture, however good, fail of their full effect unless the men they train find themselves when they graduate and begin to practice, in touch, not with scoffing or indifferent materialists, but with a people needing art to express a best that is really in them, and clamorous for artists of all kinds to do the work; not, in a word, with barbarians, but with civilized men.

R. A. CRAM, Chairman.

REPORT OF COMMITTEE ON ALLIED ARTS

YOUR Committee on Allied Arts begs to report:

FIRST: That its original topic for study, the architectural possibilities inhering in terra cotta and Faience as an envelope for steel, was changed to an investigation of the relationship at present existing between architects and sculptors and painters; and,

SECOND: That it has found this subject very difficult of approach and has, in consequence, made little more than a beginning, and that chiefly in the way of search for common ground on which to work among the practitioners of the three arts in question.

Our efforts in this direction are so far, we regret to say, extremely discouraging, in that hardly any two architects, sculptors or painters seem to hold views in common on this question of their proper inter-relationship.

On the one hand, it is regrettably clear that small appreciation is felt for what our profession has been able to do in the interest of sculptors and painters; and, on the other, it is not observed that architects, either individually or as a profession, have done much to merit any great show of gratitude; their self-confessed efforts being usually directed toward getting as much as possible for their clients with the least possible remuneration to the sculptor or painter, as the case may be. A careful review of the work accomplished by former Committees on Allied

Arts shows that very earnest and full consideration has been given to the natural and logical relations that do exist and should exist between architecture, and sculpture, and painting, and that the results of this consideration have been admirably presented to past conventions of the Institute and finally embodied in its permanent records.

In view of these facts and of the present diversity of views found to exist among architects, sculptors, and painters on this matter of their co-relationship, your committee wishes to suggest that the study, barely begun by the present committee, may be continued and, if possible, in conjunction with the National Sculpture Society, the Society of Mural Painters and similar organizations, with a view to possibly lay before the next convention the official pronouncements of these representative bodies on this question, together with suggestions favoring a closer sympathy among painters, sculptors, and architects. Your committee thinks that such a study can be carried on with little or no expense and that there may be gathered information of sufficient value to warrant the effort, even if we should fail to suggest ways and means to prevent the use by our painter friends of our best buildings as mere frames for their easel pictures, and by sculptors as pedestals and backgrounds for the better display of their often totally inharmonious—though splendid—exhibitions of plastic anatomy.

INDUSTRIAL INFORMATION

IN this section will be found information concerning late catalogues issued by manufacturers of building materials, fixtures or equipment. Also under this head will be printed, from time to time, certain data relative to new devices or methods of construction considered to be of interest to architects. Architects are invited to make use of THE AMERICAN ARCHITECT's Catalogue Files and Information Department whenever they can do so to advantage. Any assistance we can render or information we can furnish in this connection will be freely given.

Wrought Iron Pipe

There is no artificially prepared test of durability compared with the test of time. Tests of materials in the laboratory or other measures tending to anticipate the exposure and stresses of actual use are very often misleading in their apparent results and are only of interest in the determination of ultra-technical qualities under abnormal conditions. Time and actual service only can determine the matter fully.

Now that the history of steel as a material for pipe has reached a quarter century of actual experience it is possible, without resort to laboratory tests, to determine the actual wearing qualities under identical service as compared with the wrought iron pipe.

This matter has been thoroughly discussed and the results of actual tests clearly shown in a pamphlet recently issued by the Reading Iron Co., Baer Building, Reading, Pa.

Discussions of technical subjects of this nature and the collation and publication of results are of great assistance to the architect—always a busy man—in determining the character and suitability of the material he specifies.

A copy of the pamphlet may be had on request and its perusal will throw much light on a subject of undoubted importance to the conscientious practitioner.

A Manual of Standard Wood Construction

Probably yellow pine has received more thorough investigation as to its physical qualities than any other of the many woods that are used in building operations. While many investigations have been made by persons operating independently, the most comprehensive series of tests as to yellow pine have undoubtedly been conducted under the supervision of the Division of Forestry of the U. S. Department of Agriculture. The results of all these various tests are remarkable by reason of their uniformity, and indicate that yellow pine possesses the attributes of a perfect structural material in a high degree.

To disseminate the results of these various tests and to authoritatively acquaint users of yellow pine with the technical properties pertaining to its physical qualities, The Yellow Pine Manufacturers' Association of St. Louis, Mo., Mr. George K. Smith,

secretary, have prepared a book of one hundred pages, which presents tables relating to the working stresses of yellow pine timbers of "Standard" or commercial shapes and sizes.

Through the efforts of this association standard sizes and grades for yellow pine lumber have been adopted. The economy in using standardized materials is evident, and the tables presented in this valuable book greatly facilitate the work of the architect in drawing plans and specifications.

It is a curious fact that yellow pine is stronger (*by law*) in one city than in another, and it is hoped that building codes will receive such revision as will eliminate these inconsistencies and result in the adoption of a uniform degree of fiber stress. As the various building laws now stand these differences act as an unjust discrimination against the producer and the consumer.

The book referred to is a valuable reference work for architects and may be secured at a nominal charge of 50 cents on application to the secretary of The Yellow Pine Manufacturers' Association.

Three-Way Prisms

The enhancement of real estate values in the commercial sections of our large cities has made it necessary to secure as large a rental as possible for every foot of the building, if the investment is to make a satisfactory return. For this reason, those spaces that do not receive direct light are a source of much concern to owners as they are unable to find tenants, unless some means can be provided to deflect the light out of doors into these dark areas.

An accepted method is by the placing of scientifically calculated prisms in such a way that the outer light may be deflected with but slight diminution of its powers.

The American Three-Way Prism Company are manufacturers of prism glass in many forms, designed to "gather light from the sky" and project it into dark interiors. This glass, it is stated, is manufactured in forms to suit all possible conditions, and the makers point to many large buildings that have been fitted with these prisms as satisfactory evidence of their reliability.

This concern desires to correspond with architects on the subject of deflected lighting and will send full information and estimates on request.



Ball-room of the Rittenhouse Hotel, Pittsburgh. Floor deadened with Cabot's Quilt.
Carlton Strong, Architect, Pittsburgh.

Ball-room, Rittenhouse Hotel, Pittsburgh Floor laid on

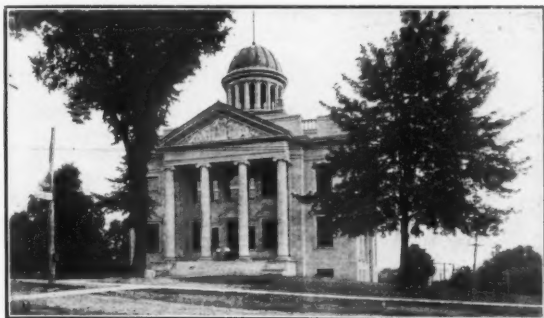
CABOT'S QUILT

In their booklet the owners say: "A point worthy of note is the construction of the dancing floor—white maple set on edge, bedded on a cushion of sea-grass (quilt), forms a floor so smooth and so elastic as to make dancing on its polished surface something akin to the skimming flight of the swallow."

Other dancing floors laid on Cabot's Quilt have shown the same qualities, due to the resiliency of the Quilt—and the floors are thoroughly deadened.

Send for samples.

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"Canton" Metal Ceilings used in this building Wm. J. Beardsley, Poughkeepsie, N.Y., Architect

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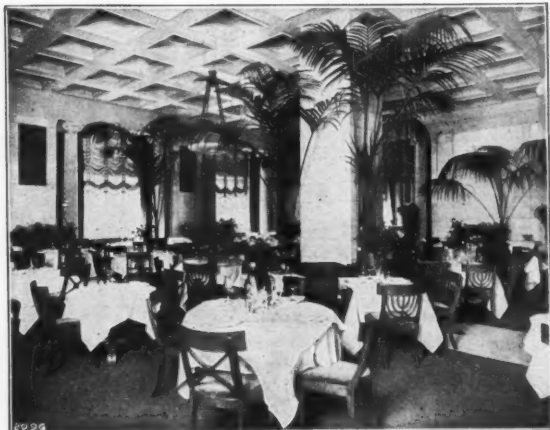
Appropriate designs to suit the building.

Metal Art Book on request.

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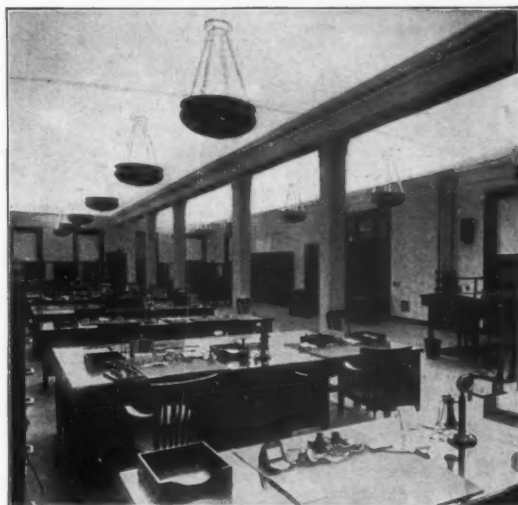
Eastern Branch:—Cor. 11th Ave. and W. 25th St., New York City
Western Branch:—208 S. 3d Street, Minneapolis, Minn.



Grecian Marble Cafe—Blackstone Hotel, Chicago

WE want to particularly emphasize the fact that *successful* results by Indirect Illumination can be secured *only* by using reflectors of *greatest efficiency* known—of *scientific* design for the *purpose*—manufactured solely by us; *i.e.*, "Eye Comfort X-Ray Reflectors." Thousands of installations in all sections of the country, by using our equipment, with our engineering recommendations (which we furnish without charge) are proving eminently satisfactory.

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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.

CALIFORNIA

GRASS VALLEY.—The bids submitted for erection of Elks' Home have been rejected by Directors of Elks' Building Association, and Directors will probably readvertise.

HORN BROOK.—Southern Pacific Company will erect clubhouse for benefit of its employees.

LODI.—The newly formed Lodi Union High School district has voted \$150,000 bonds for the erection of a modern high school building to accommodate 500 students.

LOS ANGELES.—C. C. Chapman, of Fullerton, has purchased property on Fifth and Los Angeles Sts., and is planning to erect 10-story hotel and business block.

The Los Angeles Realty Board will erect 6-story building at Nos. 631, 633 and 635 South Spring St., to be known as Los Angeles Realty Board Building. William M. Garland is president.

POMONA.—Bids will be received until 7:30 p. m. Jan. 8 at office of secretary, Mrs. J. W. Wilkinson, in Pomona Public Library, for construction of certain alterations and annex to Pomona Public Library, according to plans prepared by Architect Robert H. Orr, suite 24, State Bank Bldg.

SAN FRANCISCO.—Architects A. F. & C. M. Rousseau, 2200 California St., are preparing plans for 3-story apartment house to be erected on Washington St., between Gough and Octavia Sts., for Joseph Skelly of Los Angeles; cost, \$40,000.

SAN FRANCISCO.—It is reported that the design of H. L. Pelton and P. E. Ferguson, of San Francisco, for a tower to be located in the grounds of the forthcoming Panama Pacific Exposition has been accepted by the Commission. This tower will be constructed of marble and terra cotta and, it is stated, will be 850 feet in height.

SAN JOSE.—Charles Templeton Crocker has had plans completed by New York architects for improvement upon his country estate at Uplands, near San Mateo, to cost about \$1,500,000.

COLORADO

PALISADE.—Palisade is to have a new and up-to-date theater to cost \$20,000. Thomas B. Moore, of Seattle, representing the Kauffman-Kelley Co., has purchased for \$5,000 two lots adjoining Elberta Hotel, upon which fine new theatre will be built.

PUEBLO.—C. N. Powers, proprietor of the Sunville bakery, will erect \$7,000 residence at corner of Twenty-fourth and West Sts. Mr. Powers is planning to build model residence which will contain many features never before introduced in Pueblo. Architects are now engaged in drawing up plans and have been instructed to incorporate all the latest features.

PUEBLO.—Plans are under way for establishment of large wall paper factory for Fairfax Brothers, of Geneva, N. Y.

CONNECTICUT

NORWICH.—Commissioners have purchased the John E. Post farm of 30 acres and will erect the New London

County Sanatorium to be ready for occupancy by April; estimated cost \$50,000 to \$60,000.

DISTRICT OF COLUMBIA

WASHINGTON.—Preparations are being made by Woodward & Lothrop for erection of eight-story fireproof building at 1003 F St.

WASHINGTON.—Architect William J. Palmer, Warder Bldg., has prepared plans for new building to be erected on North Capitol St. for the Sibley Hospital, to cost about \$125,000.

FLORIDA

ARCADIA.—Bids will be received until 12 noon January 2 by H. E. Carlton, Clerk of Board of County Commissioners of De Soto County, for construction of County Court House building.

GAINESVILLE.—Bids will be received until noon January 8 at office of Frank P. Fleming, Law Exchange Bldg., Jacksonville, Fla., for construction of building of agriculture and building for university commons on university grounds.

JACKSONVILLE.—William M. Fields, Jr., of De Land, has purchased site on E. Forsyth St., between Market and Newman Sts., and will erect 5-story structure.

OCALA.—Plans for the new hospital have been accepted and bids for erection of same will be advertised at once.

OCALA.—The Carmichael & Son Co. have purchased property on North Magnolia St., and will erect two immense brick buildings.

GEORGIA

ATLANTA.—Yaarab Temple, Atlanta, Nobles of the Mystic Shrine, of which Forrest Adair is illustrious potentate, is figuring on erecting a handsome temple here to cost \$75,000 or \$100,000. At present the Shrine has its hall in the Masonic temple.

ILLINOIS

CHICAGO.—It has been announced that the Baldwin Locomotive Works, of Philadelphia, will erect branch plant in Chicago as soon as plans can be drawn and site secured.

Frederick R. Barnheisel will erect fourteen-story fireproof building at 119-123 West Madison St., and it will be the new home of the Chicago Advertising Association; estimated cost \$300,000.

Architects Bouchard & France have completed plans for nine apartment buildings to be erected at Ellis Ave. and Forty-seventh St. by S. T. Cooper, to be known as "The Fair Oaks"; estimated cost \$90,000.

Samuel Phillipson & Co. have purchased site at 1836 W. Twelfth St. and will erect seven-story fireproof wholesale merchandise building to cost \$150,000.

The Wilson Ave. district will soon have a new hotel to cost \$300,000. Architect L. E. Stanhope, 184 La Salle St., is at work on plans and specifications for a high-grade fireproof building eight stories high. The same architect is at work upon plans for four fine residences, three to be erected in Winnetka and one at Lombard.

Build for YOUR Factory Walls of Daylight

Gloom is the tomb of efficiency!

It is time that somebody told the plain facts on this matter of Factory Lighting and Factory Ventilation in letters black enough and statement bold enough to awaken the Manufacturing World to a full realization of the vital truth.

You put a crystal roof over your roses. You wall them with glass. You flood them with sunshine so that they will grow and thrive.

Do you realize that the human plant is just as dependent for energy upon the sun's rays and streams of pure, invigorating air?

This is not philanthropy. It's cold, hard business sense.

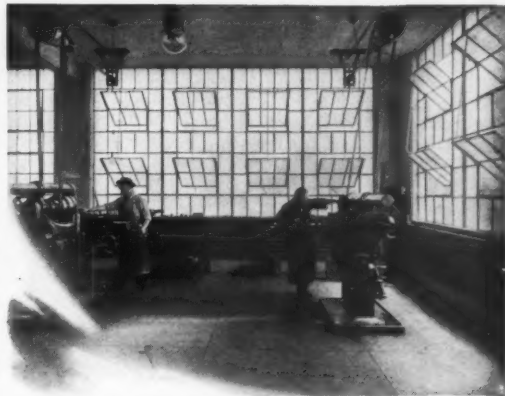
Keep your workers in semi-darkness, straining under artificial light, breathing vitiated air—and they'll shrivel and starve for want of sunshine and oxygen. Efficiency ebbs. There's a let-down in production.

Turn on the sun—let in the air, and your men will be up to mark—keyed to full capacity from whistle to whistle. You will have higher average attendance.

Detroit-Fenestra Solid Steel Windows give your workers floods of sun and breeze through fireproof Walls of Daylight.

It's the modern construction—for factories that would keep the Twentieth Century Pace.

Its abundant ventilation gives to indoor workers the tireless vim and go of the sun-



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bathed man who fills his lungs with ozone out in the open.

Detroit-Fenestra construction is patented. It's light and tremendously strong. The "Fenestra" Joint gives each intersection more strength than was ever possible before.

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Detroit, Mich.

DETROIT FENESTRA

**Solid Steel
Window Sash**

The "Fenestra" Joint



Practically No Metal Lost

INDIANA

INDIANAPOLIS.—Competitive plans upon which will be based the selection of an architect for the city hospital have been submitted to the board of public works. Plans submitted were prepared by Herbert R. Foltz, Brubaker & Stern, Vonnegut & Bohn and Adolph Scherrer, who were selected for the competition by the board.

IOWA

COUNCIL BLUFFS.—Active arrangements are under way by the two lodges of the Knights of Pythias in Council Bluffs for the construction of a Pythian hall in this city.

DES MOINES.—Architects will shortly be asked to draw plans for new market house to cost \$50,000.

KANSAS

LAWRENCE.—Tentative plans are being made by Architect MacKinnon, president of council, and Professor H. A. Rice for erection of large Students Union building, to cost \$100,000.

KENTUCKY

LOUISVILLE.—Architects Thomas & Bohne, Keller Bldg., have prepared plans for Western branch station of the Home Telephone Company on Twenty-sixth St., between Chestnut and Magazine Sts.; estimated cost, \$15,000.

LOUISVILLE.—Several plans have been prepared for improvement of site at Fifth and Walnut Sts. by Architect Mason Maury, Board of Trade Bldg., for the Underwriters' Realty Co. It is probable that 10-story hotel will be erected.

LOUISIANA

LA SALLE.—Plans are being prepared by Architects Stevens & Nelson of New Orleans for erection of La Salle Central High School building; estimated cost, \$30,000.

MARYLAND

BALTIMORE.—Plans for new school at Carlton Ave. and Ann St. have been approved by School Board, and bids will shortly be asked; estimated cost, \$80,000.

Plans are being made by H. J. Tinley, 314 N. Charles St., for a new apartment house to cost \$15,000 at Windsor Hills. It will be a four-story structure, built of stone and stucco.

Ten attractive bungalows will shortly be erected on the Gunpowder River and the Pennsylvania Railroad highway by Richard P. Stumps, who has commissioned Architect Oliver B. Wight to prepare the plans.

BALTIMORE.—Eight modern two-story dwellings will shortly be erected on the south side of Shirley Ave., between Cottage and Green Spring Aves., by John J. Carlin. They will be constructed after plans made by Stanislaus Russell, architect.

BALTIMORE.—A. Schumacher & Co., general agents of the North German Lloyd Steamship Line, will erect office building to be known as the "Hansa Haus" on Charles & German Sts.

FREDERICK.—The Baltimore & Ohio Railroad will erect a new passenger station. Tentative plans are being prepared under the supervision of F. L. Stuart, chief engineer, whose offices are in the main building at Baltimore and Charles Sts.

MASSACHUSETTS

ARLINGTON.—A two-family frame house to cost about \$6,500, is to be erected on Randolph St. for C. H. Callahan.

BOSTON.—Snider & Drooker are preparing for the erection of a five-story 31-apartment brick block, to cost about \$40,000, at 704 Commonwealth Ave., Back Bay.

John D. Hardy is to have erected on Clark road, Brook-

line, a 2½-story dwelling of brick veneer construction, to cost about \$13,000.

Mrs. George P. Johnson is to have erected on Searl Ave., Brookline, a three-story three apartment frame house, to cost about \$8,500.

BOSTON.—A 2-story dwelling of brick and plaster construction will be erected on Wachusett St., West Roxbury, for Frank Campagani; cost, about \$6,000.

E. D. Waterman will erect 3-story brick mercantile and apartment block on Hyde Park Ave. and Everett St.; estimated cost, \$20,000.

BOSTON.—Albert Geiger has purchased property at 176 Commonwealth Ave. between Dartmouth and Exeter Sts. and is preparing plans for erection of building to contain ten suites.

CAMBRIDGE.—The Salvation Army contemplates erection of 3-story brick building on Green and Pleasant Sts., to cost about \$22,000.

CAMBRIDGE.—The Massachusetts Institute of Technology will erect its new buildings and make its future home on the esplanade on the Cambridge side of the Charles River basin. The Institute will immediately begin the erection of buildings to cost over a million dollars.

HOLYOKE.—Louis A. La France has purchased site at No. 277 Maple St., and will erect business block.

MICHIGAN

DETROIT.—Architects Warren & Wetmore, 3 E. 33d St., and Reed & Stem, 5 E. 42d St., New York City, have prepared plans for new Michigan Central Station to be located between 15th and 18th Sts.

NEWBERRY.—A project is on foot here for the erection of a new hotel which will cost \$25,000. J. A. Shattuck is at the head of the movement.

MINNESOTA

DULUTH.—Architect P. M. Olsen, Sellwood Bldg., has prepared plans for residence to be erected in Crescent View Park for K. C. Hoxey, of the Minnesota Steel Co.; cost, \$12,000.

Plans have been prepared by Architect P. M. Olsen, Sellwood Bldg., for \$12,000 residence to be erected in Crescent View Park for William McBean.

MISSOURI

ST. LOUIS.—The Mikado Theater Company has purchased 50 feet of ground on Easton Ave., just west of Hamilton Ave., and will erect a picture show building.

NEW JERSEY

BLOOMFIELD.—Architects Cohen & Bessman, 89 Mercer St., Newark, have prepared plans for three-story dwelling to be erected in Myrtle Ave. for Samuel Albert; estimated cost \$9,600.

GLOUCESTER.—Architect J. Elvin Jackson, 719 Walnut St., Philadelphia, is preparing plans for an addition to City Hall.

JERSEY CITY.—Architect Frank Severino has prepared plans for 6-family apartment to be erected on Polk and Twentieth Sts. for Frank Garagaro, of 213 Fifteenth St., West New York; cost \$14,000.

JERSEY CITY.—Two 6-family apartments will be erected from private plans on Dwight St., near Van Cleef St., for Sarah Rubenstein of 135 West Twenty-fourth St., Bayonne; estimated cost, \$12,000.

JERSEY CITY.—A Talmud Torah, or a new Hebrew school, will be erected at 100-102 Sherman Ave. by a number of enthusiastic men and women for the faith, who have banded themselves into an association, with Mr. S. Elfenbein as president; H. Ratner, vice-president; H. D. Cohen, secretary; Sam Becker, treasurer. It will be a



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two-story and basement brick building. The architects are L. H. Kaplan and John G. Helmers, 431 New York Ave.

JERSEY CITY.—From plans prepared by Architect Christian H. Ziegler, 76 Montgomery St., a 6-family apartment will be erected on Bostwick Ave. between Jackson and Bergen Aves., for Catherine Simon, of 517 Jersey Ave. The cost of the structure will be \$8,000.

JERSEY CITY.—From plans by Architect John J. O'Neill, 14 Oakland Ave., three apartment houses will be erected by Harry Hansen on southeast corner of Baldwin Ave. and Washburn St.

NEWARK.—John H. Dunn & Sons will erect a four-story brick apartment, 57 x 100 feet, costing about \$70,000, at Clinton and South Belmont Aves.

Architect Hyman Rosensohn, 800 Broad St., has prepared plans for two three-family brick dwellings to be erected in Chester Ave. for Harry Cohn; cost \$16,000.

NEWARK.—Plans are being drawn at the office of Architect Alfred Peter, 238 Washington St., for a store and apartment building, which Joseph De Fillips contemplates erecting at Nos. 25 and 27 Seventh Ave. at an approximate cost of about \$40,000.

At 365 Bank St. William Trevaski will shortly begin the erection of a 3-story brick building from plans prepared by Architect Frederick G. Nabbe, 189 Market St. Contracts for the building, which will cost about \$6,000, are about to be awarded.

Architect Frank Grad, 137 Springfield Ave., has completed plans for 3-story apartment to be erected on Twenty-first St. and Seventeenth Ave., for Moe Jedel; cost, \$9,000.

Plans have been completed by Architect Frank Grad, 137 Springfield Ave., for 3-story apartment to be erected at 237 Chadwick Ave., for B. Levy; cost, \$10,000.

NEWARK.—Architects Cohen & Bessman, 89 Mercer St., have completed plans for three-story frame apartment for three families, which will be located at 139 South Eleventh St. The structure, which will be owned by Reiman & Stein, will cost about \$6,000.

Architect Frank Grad, 137 Springfield Ave., has drawn the plans for the three-story frame and stucco double apartment which Frank King and Samuel Hubschman are soon to erect at 796 and 798 Hunterdon St. Estimates for the structure, which will cost about \$9,000, are now being taken.

It is expected that work will be started before the first of the year on the foundations for four three-story apartments, each with accommodations for three families, at 726 to 732 South Eighteenth St. Mathias Hiltgen will be the owner and cost of buildings will be about \$22,000.

Architect William J. Fitzsimmons has prepared plans for four-story apartment building to be erected on Bigelow St. and Hillside Ave. for Mrs. Theresa Kraft; cost \$36,000.

NEWARK.—Plans have been prepared by Architect John H. Dunn, Jr., of Dunn Brothers, Firemen's Building, for four-story apartment building to be erected on Clinton and Belmont Aves. for John H. Dunn, Sr.; estimated cost \$70,000.

Architect Julius Strombach, 238 Washington St., has drawn plans of a six-family frame and stucco dwelling to be built in Fourteenth St., near Madison Ave. It is to cost about \$12,000.

Architects Cohen & Bessman, 89 Mercer St., have completed plans for 6-family dwelling to be erected in 15th St., for Doelgen & Mendelsohn; cost \$9,500; also for 3-family to be erected at 339 So. 11th St., for Reimans & Stein; cost \$6,500.

ORANGE.—Plans have been completed by Architect E. V. Warren, 22 Clinton St., Newark, for six-family building to be erected in Mt. Vernon Ave., and Mt. Vernon Pl., for Kenvant Schneider Company; cost \$10,000.

PERTH AMBOY.—Architect E. G. Smith, 220 Broadway,

New York, has prepared plans for 4 up-to-date apartment houses to be erected in State St. by Mrs. Helen Gadek of State St.; cost between \$50,000 to \$60,000.

RED BANK.—Architects Swannell, Nelson & Wagenen, of Red Bank, have prepared plans for hospital building to be erected on triangular block bounded by Spring, Borden and Wallace Sts., for Mrs. Catherine L. Collier; estimated cost \$60,000.

TRENTON.—Bids will be received by the Committee on Grounds and Buildings of the Board of Education for the erection of a 6-room addition to the McKinley School, No. 10, situated on Mercer St., Trenton, N. J. Plans and specifications may be obtained upon application to W. A. Poland, Business Manager.

WEEHAWKEN.—Peter Lobello of 444 Spring St., West Hoboken, will be the owner of a twelve-family apartment, which will be built on the easterly side of Park Ave., between Second and Third Sts., Weehawken, from plans by Architect William E. Borries, 388 Broadway. The cost of the structure will be \$16,000.

NEW YORK

ALBANY.—The Board of Supervisors of Albany County has voted to give Albany Medical College use of 12 acres for erection of medical college on site of penitentiary building, which will be razed.

BINGHAMTON.—Members of the Chenango St. Methodist Episcopal church will erect new Sunday-school room at rear of church to cost \$15,000.

BROOKLYN.—The new lodge of the Brooklyn Elks will be built on the west side of South Oxford St., between Hanson Place and Atlantic Ave.; cost \$250,000.

BUFFALO.—The terminal plans of the Lehigh Valley, providing for the erection of a passenger station, have been approved by aldermen.

NEW YORK CITY.—Plans have been filed for a \$200,000 dwelling to be erected on Eighty-seventh St. and Fifth Ave. for James Speyer, of banking firm of Speyer & Co. Plans were prepared by Architect Horace E. Trumbauer, 200 Fifth Ave., Philadelphia.

NEW YORK CITY.—The Carlton-Chambers Co., a New York corporation, has leased the premises 23 and 25 E. Forty-seventh St., at the northwest corner of Madison Ave., and will erect at once a 6-story office, store, and studio building, at a cost of about \$75,000. Plans for the building have been completed by Architect Henry Otis Chapman, 334 Fifth Ave.

The Queen Mab Realty Co. has purchased southeast corner of Audubon Ave. and 184th St. for immediate improvement with a high-class apartment house.

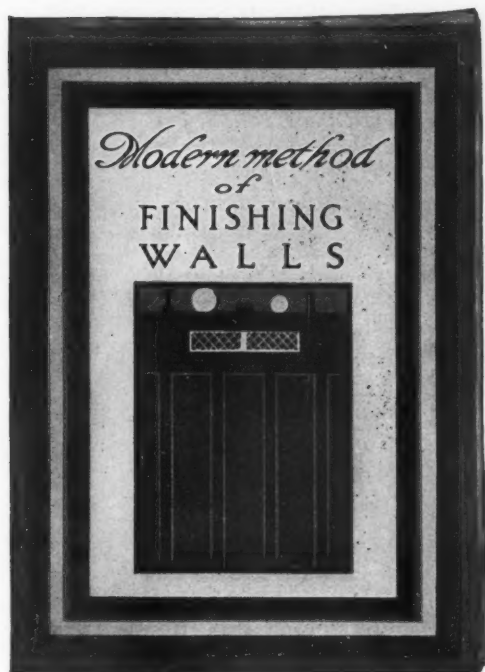
A plot of five lots at the northwest corner of Westchester Ave. and Tiffany St. has been sold to Edward Hirsch, who will improve the plot at once with a store and office building.

The Palace Realty & Amusement Co. will erect theater building to seat 2000 persons at Broadway and 47th St. It will be known as the Palace Theater. Martin Beck, the vaudeville manager, and Herman Fehr, a western theatrical manager, are president and secretary of the Palace company.

NEW YORK CITY.—Architects Gross & Kleinberger, Bible House, have filed plans for four-story storage building and stable to be erected on 130th St. for L. Strauss, 75 Bible House; cost \$40,000.

Plans have been filed by Architect W. H. Birkmire, 1133 Broadway, for twelve-story mercantile building to be erected on Twenty-fourth St. for Rosdorf Co., 270 Riverside Drive; cost \$250,000.

Architects Serviss & Glew, 36 West Kingsbridge Road, have filed plans for three two-and-one-half-story frame dwellings to be erected on 190th St. for F. W. Devoe, 59 Park Ave.; cost \$27,000.



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NEW YORK CITY.—Architect Frank Weunchur, 2136 Honeywell Ave., has filed plans for two and three-story brick casino to be erected on Boston Road for William Lowe, 535 East Seventieth St.; cost \$100,000.

Plans have been filed for a four-story-and-basement dwelling for James Speyer on the southeast corner of Fifth Ave. and Eighty-seventh St. The design is in the modern French style. Horace Trumbauer, the architect, estimates the cost at \$200,000.

NEW YORK CITY.—Architects Shampau & Shampau, 772 Broadway, Brooklyn, have filed plans for 12-story stable and loft building, to be erected on Attorney St. for A. L. Kass, 122 Essex St.; cost, \$60,000.

Plans have been filed by Architect Harry T. Howell, Third Ave. and One Hundred and Forty-ninth St., for 5-story brick apartment, to be erected on Tinton Ave., for Gioffi Co., Intervale Ave.; cost, \$50,000.

Architect J. J. Kleist, 105 East Fourteenth St., has filed plans for alterations to 4-story social club on Sixteenth St., for Mechanical Engineers' Investing Co., 99 Nassau St.; cost, \$15,000.

Plans have been filed by Architects Goldner & Goldner, 391 East 149th St., for two five-story brick apartments to be erected on Fox St. for Reliable Construction Co., 1126 Union Ave.; cost \$80,000.

Architect W. G. D. Roeder, 24 East Twenty-third St., has filed plans for alterations to two-story hall on Eleventh St. for Webster Hall Co.; cost \$25,000.

Architect T. W. Lamb, 501 Fifth Ave., has filed plans for three-story theater and studios to be erected on 138th St. for Johnson Amusement Co., 247 West Forty-sixth St.; cost \$55,000.

Plans have been filed by Architects Cross & Cross, 527 Fifth Ave. for twelve-story apartment to be erected on Park Ave. for Park Ave. and Fifty-fourth St. Co., 546 Fifth Ave.; cost \$400,000.

NEW YORK CITY.—Architects Schwartz & Gross, 347 Fifth Ave., have filed plans for 6-story apartment to be erected on Convent Ave. for Albion Construction Co., 450 W. 143d St.; cost \$200,000.

Plans have been filed by Architect E. Schoen, 25 W. Forty-second St., for alterations to 5-story stores and stable, on Amsterdam Ave., for the Walton estate, 851 Eighth Ave.; cost \$18,000.

Architect H. H. Peterson, 1328 Broadway, has filed plans for alterations to 10-story hospital on Second Ave. for Society of the Lying-in-Hospital of City of New York; cost \$10,000.

NEW YORK CITY.—Architects Gronenberg & Leuchtag, 7 W. Twenty-second St., have filed plans for 6-story apartment house to be erected on 129th St. for the London Construction Co., 149 Broadway; cost \$55,000.

Plans have been filed by Architect J. H. Friend, 148 Alexander Ave., for alterations to 10-story office and loft building on Broadway for A. P. Tull, 309 Broadway; cost, \$5,000.

SARANAC LAKE.—A high class hotel-sanatorium is planned by H. Prescott Simpson, president of Fowler-Simpson Co., of Cleveland, O.; estimated cost \$50,000 to \$60,000.

SCHENECTADY.—The Adelpia Club of Albany has secured site on about 60 acres on the Albany road, and will erect club building, which with improvements to ground will cost about \$50,000.

NORTH DAKOTA

FARGO.—A new science hall is planned for Jamestown College, which will cost not far from \$75,000.

THIEF RIVER FALLS.—Announcement is made at the offices of the Fargo Builders & Traders' exchange that the date for the opening of the bids for the new \$35,000 hotel

building at Thief River Falls, Minn., had been deferred from Dec. 20 until Jan. 9, 1912.

OHIO

CINCINNATI.—The building committee of board of education will erect new school at Main St. and East Clifton Ave.; cost \$250,000.

CINCINNATI.—The Norfolk & Western Railroad is planning to erect a new station on its line in Norwood, which will cost about \$15,000. It is understood that plans for the new station have been drawn by the engineering department of the road and that work on the building may be started next spring.

COLUMBUS.—Architect C. L. Incho, Brunson Bldg., is drawing plans for remodeling a three-story building at Delaware for the Fidelity Building and Loan Co.

Architect J. A. Jones, Despatch Annex, is taking bids for remodeling a residence on Eleventh Ave. for H. O. Armstrong.

The same architect is drawing plans for a one-story brick building to be erected at Tenth Ave. and High St. for D. T. Richards to be used for a moving-picture show.

The contract for the twenty-six-room physicians' office building to be erected at Grant Ave. and State St. for Dr. C. T. Okey will shortly be let. Architect Pingree, of Chicago.

FRANKFURT.—Architects Howard & Merriam, Capitol Trust Bldg., will shortly have the plans out for an eight-room school.

MANSFIELD.—Plans are at the Builders' Exchange for a postoffice building to be erected at Mansfield. Bids close January 12. Cost \$50,000.

TROY.—The members of the Lutheran church of Troy are planning to erect a handsome new church at that place in the spring, and the plans are now being made by Architect Robert C. Gotwald, of this city. The church will be of the latest pattern and will cost about \$15,000.

YOUNGSTOWN.—The Western Conduit & Mfg. Co., of Harvey, Ill., has been reorganized and will erect three factories in this city. Plans are now being prepared.

YOUNGSTOWN.—Plans are under way for the establishment of a joint detention home on a plan similar to that under which the five-county tuberculosis hospital is being built at Springfield lake, in Summit county. The proposed plan includes four or five counties in this vicinity and a farm of 150 to 200 acres will be purchased.

OREGON

MARSHFIELD.—The people of Eastside have voted a bond issue of \$9,500 for the erection of a new schoolhouse, which is needed to replace the one now in use.

PORTLAND.—Architect Ellis F. Lawrence, of Portland, is working on the plans for the new Westminster Presbyterian Church to be built on the block bounded by Sixteenth, Seventeenth, Hancock and Schuyler Sts. in that city, and expects to have them ready for figuring about January 1. Cost, about \$85,000.

PENNSYLVANIA

ERIE.—Building plans for the Lawrence Hotel have been filed by Henry Schenk Co.; estimated cost \$450,000.

CHESTER.—Swift & Co. of Chicago will erect large brick beef house on Second St., east of Market St.; estimated cost \$25,000.

DOYLESTOWN.—Clyde S. Adams, architect, 1233 Arch St., Philadelphia, is designing a \$60,000 addition to the Doylestown High school.

EDDYSTONE.—Officials of the Baldwin Locomotive Works have announced that they intend to double the capacity of their plant at cost of about \$500,000.

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Kewanee Boiler Co.....	30	White Enamel Refrigerator Co. (e.o.w.)....	19
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PHILADELPHIA.—Architects Ballinger & Perrot, 1211 Arch St., have been commissioned to design a \$50,000 parochial school for the Church of the Most Precious Blood at the southwest corner of Twenty-eighth and Diamond Sts.

Architect Harry E. DeHoff has completed plans for a four-story apartment house at Forty-fourth and Walnut Sts., to cost \$100,000.

PHILADELPHIA.—Architect E. Allen Wilson, Land Title Bldg., is preparing plans for 47 houses to be built at Twentieth St. and Limekiln pike to cost \$100,000.

PHILADELPHIA.—Architects Sauer & Hahn, 1112 Chestnut St., have filed plans with the bureau of building inspection for extensive alterations to 25-27-29 N. Thirteenth St. for Marcus Bacharach & Co.

Architect E. Allen Wilson, Land Title Bldg., is preparing plans for seven 2-family dwellings on Forty-seventh St., south of Walnut, for Frank W. Platt.

Architect Horace Trumbauer, Land Title Bldg., will shortly be commissioned to design two Y. M. C. A. buildings for this city, costing \$250,000 each. One will be erected at the southeast corner of Fifty-second and Samson Sts., and the other on the north side of Lehigh Ave., below Eleventh St.

Architect Henry L. Reinhold, Jr., Tenth and Sansom Sts., is designing a Dutch Colonial house on Pembroke Ave., Cynwyd, for D. G. Gimber.

Plans for the \$250,000 clubhouse which the Automobile Club of Philadelphia will erect at the southeast corner of Twenty-third and Ludlow Sts. were sent to builders for estimates yesterday by Architects Ballinger & Perrot, 1211 Arch St.

The Ninth Presbyterian Congregation, which has sold its building on Sixteenth and Sansom Sts., has invited a competition for plans for a \$100,000 edifice, which will be erected on the plot recently purchased at Fifty-eighth St. and Baltimore Ave.

PHILADELPHIA.—Architect E. Allen Wilson, Land Title Building, is preparing preliminary plans for a four-story apartment house to be erected in West Philadelphia. The cost will be \$100,000.

Plans for the new combined fire and police station to be erected at Fifty-fifth and Pine Sts. have been inspected and approved at a special meeting of the newly created Municipal Art Jury; cost \$100,000. Bids will be invited shortly.

PITTSBURGH.—The Scientific Materials Company has had Architect M. Nirdlinger, Diamond Bank Bldg., design a six-story brick, steel and reinforced concrete building to be built at 717 Forbes St.

Three story apartment buildings will be erected by Mrs. F. Baxmeier and Miss C. Knorr of Carrick, in Overbrook plan, South Hills, and by W. F. Strubble at 439 Biddle St., Wilkinsburg.

RHODE ISLAND

PROVIDENCE.—Building committee of the Trinity Union Methodist Episcopal Church has purchased site on Bridg-ham St. and Trinity Square, and tentative plans have been drawn for erection of new church edifice and building for Sunday-school. Rev. Julian S. Wadsworth, pastor.

SOUTH CAROLINA

COLUMBIA.—Plans have been prepared by Architects Shaud & Lafaye, of Columbia, for 1-story brick building to be erected on Washington and Assembly Sts. for George V. Allworden.

EAU CLAIRE.—Plans for the handsome new school house to be erected at Eau Claire, near intersection of the Monticello and Winnsboro roads, have been selected by board of trustees. The contract was awarded to Shand & Lafaye, architects, of Columbia; cost \$20,000.

TEXAS

ABILENE.—W. P. Preston, architect, of Abilene, has just completed plans for a new cottage for the state epileptic colony and it is probable that work will be started on the structure early in January. The building will cost \$15,000.

DALLAS.—Karl Hoblitzelle, president of the Interstate Amusement Company, was in Dallas en route from Houston to St. Louis, where he will confer with Consulting Architect Isaac Taylor regarding plans for the new Majestic theater which it is proposed to erect in Dallas.

DALLAS.—It is said that Architects Lang & Wittchell, Wilson Bldg., have completed plans for 12-story steel building to be erected on Main and Pearl Sts. by J. Ashford Hughes.

DENTON.—Architects Endress & Walsh, of Austin, have been selected as architects for the new Normal College building. The firm is also supervising the work on the C. I. A. building here and has designed a number of local structures.

EL PASO.—The Masons are making preliminary preparations for the erection of a new Masonic temple, which is expected to cost at least \$200,000 and will probably be built on the north side of the tracks.

TEMPLE.—Albert Schulte, of this city, proprietor of the Commercial Hotel, which was destroyed by fire December 1, will erect a new three-story brick building on the same site formerly occupied.

The building committee of the First Methodist Church of this city has employed Sanguinnett & Staats, of Dallas and Fort Worth, as architects for their new building, which will cost \$75,000. Plans will be ready within the next thirty days.

WAXAHACHIE.—At a meeting of the Commercial Club the construction of a hotel to replace the one burned a few weeks ago was authorized. The building is to cost \$100,000 and will be constructed of reinforced concrete.

UTAH

OGDEN.—The Pingree National Bank has purchased property at 2453 Washington Ave. on which stands the drug store of William Driver & Sons. The present structure will be torn down and modern fireproof building will be erected.

VIRGINIA

NEWPORT NEWS.—For the purpose of providing a home for the Chamber of Commerce, the Old Dominion Land Company, it is said, is considering plans, offered by the Chamber, for the erection of an additional structure to the North side of Hotel Warwick, facing West Ave. and Twenty-fifth St.

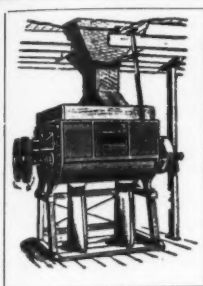
Frank A. Kearney has announced that plans have been drawn and bids will be asked for the erection of a handsome theater building in Phoebus. The structure will cost \$11,000 and will be a modern and fire-proof theater building. It will be erected in Mellen St. between Curry and Hope Sts.

NORFOLK.—Ordinance has been adopted appropriating \$32,500 for erection of 16-room brick school building in Berkley ward for negroes of that section.

WEST VIRGINIA

HUNTINGTON.—Erection of armory to cost \$25,000 has been authorized. It will be located at Fifth Ave. and First St., and will be used by the three companies of the National Guard.

WHEELING.—Plans and specifications have been completed for a new residence for A. E. May, of Wheeling. It will be located on Maple Ave., Woodlawn, and will be a frame structure of handsome design, costing, when completed, about \$10,000.



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Positions Wanted, 50 cents for 50 words or less; Help Wanted, Special Notices, Competitions, Proposals, etc., 20 cents a line, minimum four lines. Copy received until 12 m. Monday. Remittance should accompany copy.

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DRAUGHTSMAN—Young man, graduate of a University Architectural School, with little office experience, seeks a permanent position with an architect in New York City, vicinity, Connecticut or Massachusetts, near Connecticut. Is willing to work hard and wants to learn. Salary no object. Address 78B, care American Architect. (1878-tf.)

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TEACHER OF DESIGN, preferably an American, is wanted to assist in teaching design in one of the leading schools of architecture. Must have best of training. Salary, position and future dependent largely upon general fitness. Address 77G, care American Architect, giving age, nationality, outline of training, experience, etc. (1877-8-80)

TEACHER of Design and Architectural History is wanted in one of the leading Eastern schools of engineering. Excellent opportunity to demonstrate qualifications for advancement. Salary, to start, \$1,000.00 to \$1,200.00 per school year of ten months. In replying, give age, training and experience. Address 79A, care American Architect. (1879-80-1-2)

COMPETITION

The Forsyth Dental Infirmary for Children is a charity incorporated under the laws of Massachusetts. This splendid charity will care for the teeth of deserving children up to 16 years of age. Its aim is not only hygienic, but also eugenic since the children of the poor will be given equal opportunity for normal and beautiful tooth and facial development with their more favored brothers and sisters. The building which will house the charity is of high architectural beauty, constructed of white marble, and will be flanked on one side by a park and playground for the children, who will enter by a side door from the park and pass to a general waiting room on the lower or basement floor. The present competition deals with the decoration in tiling of the walls and a central aquarium of the children's waiting room.

The waiting room will be so constructed that it can be thoroughly cleansed and sterilized daily. The ceiling will be arched of Gustavino glazed tiles in a single tone. The floor will be of magnesium or other impervious surface material also in a single tone. Although the room is a basement room it is well lighted by five full windows. The room occupies the lower floor of a wing of the building and the light is unobstructed.

The room will be the Children's Room with all the freedom that the term suggests. The only rules for conduct to be posted will deal with simple hygienic requirements. In this room will be collected deserving children of all nationalities, many of them coming from homes where the surroundings are at least not uplifting. It is expected that the decorative features will be of sufficient interest to hold the children's attention, to stimulate their imagination and to be of value educationally. The keynote of the designs should be cheerfulness. It is hoped that the wall decoration will be as effective in its way as Abbey's Graft pictures or the Canterbury Pilgrimage of Sewall are in theirs. It is suggested that the subjects deal with fairy tales or well-known children's stories.

The conditions of the competition are as follows:

1. First, second and third prizes of \$250, \$150 and \$100 respectively will be given the successful competitors.
2. Designs in color for the wall surfaces on a scale of one inch to the foot and a detailed full-size colored drawing of a fragment including one figure, together with color suggestion for the treatment in tile of the base of the central aquarium must be submitted to the Trustees of the Forsyth Dental Infirmary, before March 1, 1912.
3. Competitors must keep in mind the limitations in color and detail which flat tile work demands. Broad color effects rather than fine detail should be sought. Tile units may be of any and varied shapes, but the limit of area of any tile must be less than 144 inches.
4. Less than one-half of the available wall space should be given up to pictorial panels or other effects; the rest of the wall space to be covered by plain colored tiles.
5. Competitors should furnish suggestions as to the color tone of floor and ceiling.
6. The designs and suggestions of the successful competitors become the property of the Forsyth Dental Infirmary for Children, to be used as the Trustees see fit.
7. The Trustees of the Forsyth Dental Infirmary for Children reserve the right to require that the successful competitor furnish detailed full-size drawings (color to be suggested) of the designs submitted by him within six weeks of the termination of the competition, for an additional compensation of \$500.

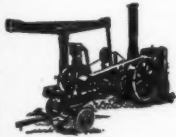
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(Classified ads continued from preceding page)

8. The Trustees of the Forsyth Dental Infirmary for Children reserve the right to purchase unsuccessful designs or the individual panels of designs which are not successful in winning prizes, at a price to be agreed upon by the judges in the contest as a reasonable compensation.

9. The competition is open to everyone.

10. Each drawing is to be signed by a nom de plume, or device, and accompanying same is to be a sealed envelope with the nom de plume on the exterior and containing the true name and address of the contestant.

11. The drawing is to be delivered flat, or rolled (packaged so as to prevent creasing or crushing) at the office of the Trustees of the Forsyth Dental Infirmary for Children, 149 Tremont St., Boston, Mass., charges prepaid, on or before March 1, 1912.

12. Drawings submitted in this competition must be at the owner's risk from the time they are sent until returned, although reasonable care will be exercised in their handling and keeping.

Blue prints of the room on the scale of 1 inch to the foot will be supplied on application to the Trustees of the Forsyth Dental Infirmary for Children, 149 Tremont St., Boston, Mass., to whom all inquiries should be addressed.

The designs will be judged by

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PROPOSALS

Office of the County Controller of Schuylkill County, Pottsville, Pa., December 15, 1911.—Sealed proposals will be received at this office until 12 o'clock noon, Wednesday, 27th day of December, 1911, and then opened for contract "X" "Bronze Tablet."

The above contract is necessary for the Furnishing and Equipment of the New Hospital for the Insane, now in course of construction at Schuylkill Haven, Pa., in accordance with the drawings and specifications as prepared by Louis L. Stockton, Architect, and Henry C. Pelton, Architect Associated, 8 West 38th Street, New York City. Separate copies of plan may be obtained at the Office of the County Commissioners on and after 10 a. m., December 15, 1911.

Plan on the above contract must be returned with the bidders' proposals, or else the estimates will not be accepted or considered.

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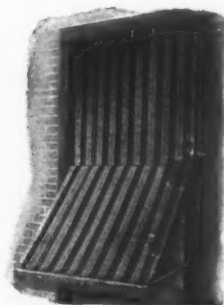
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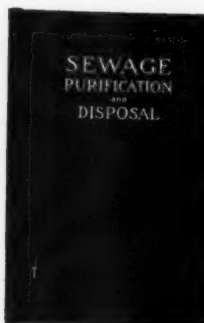
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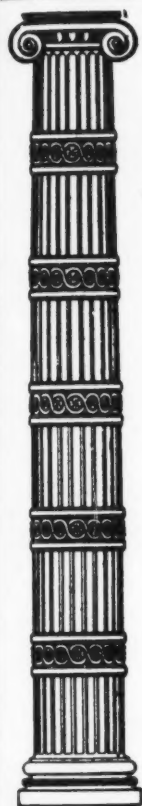
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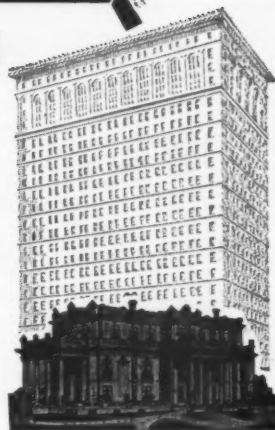
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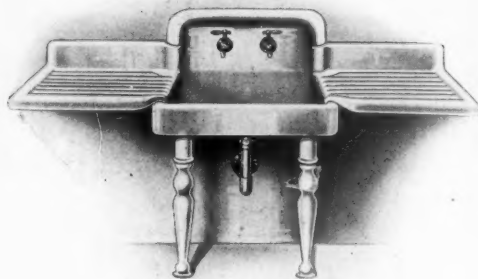


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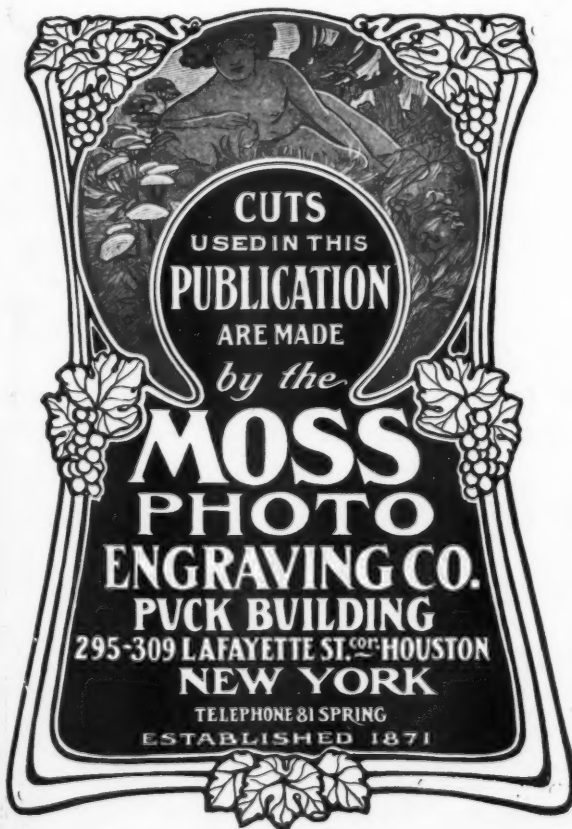
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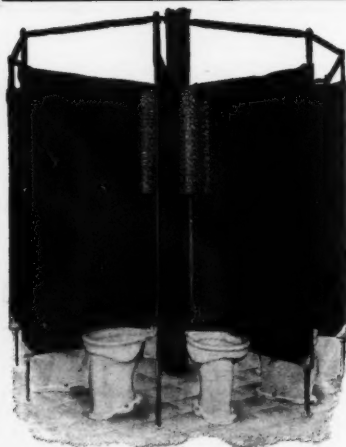
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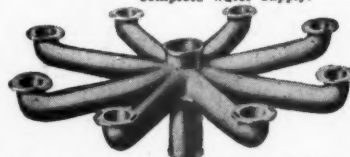
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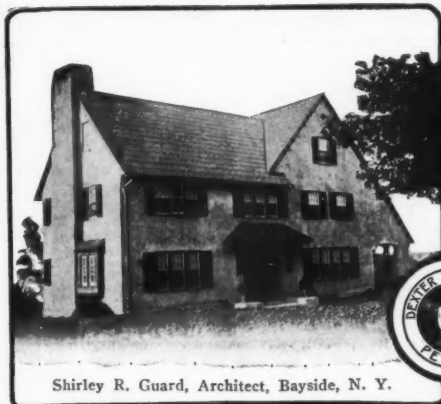
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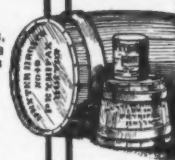
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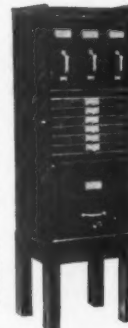
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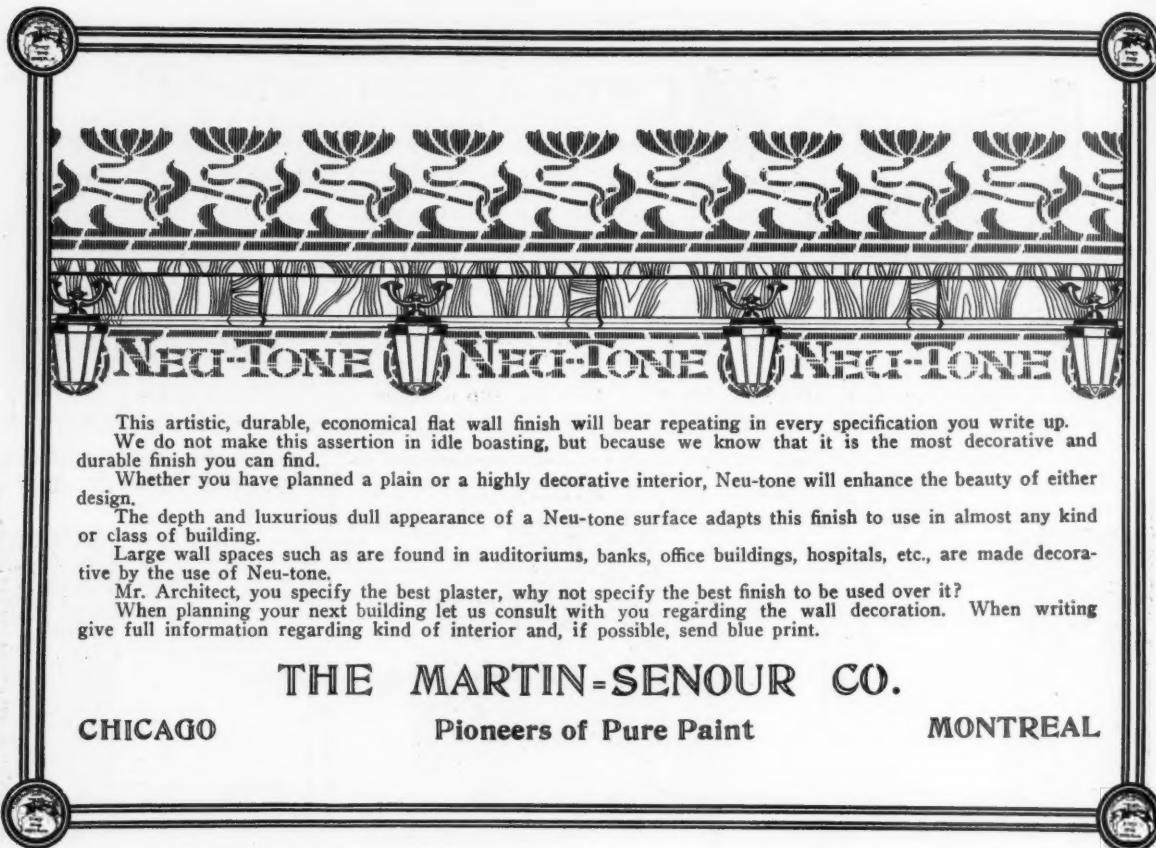
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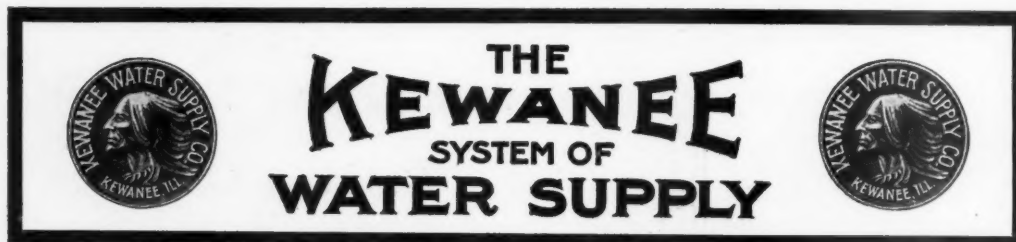
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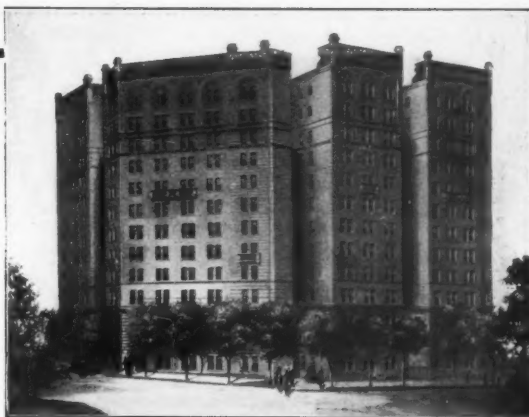
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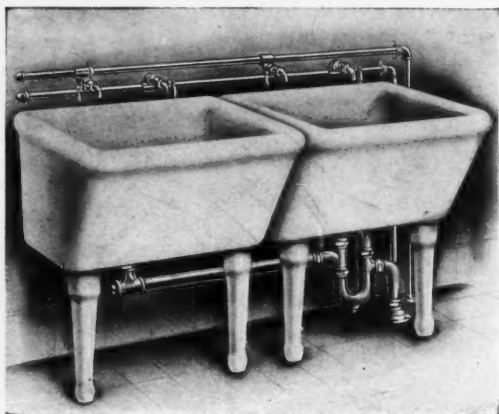


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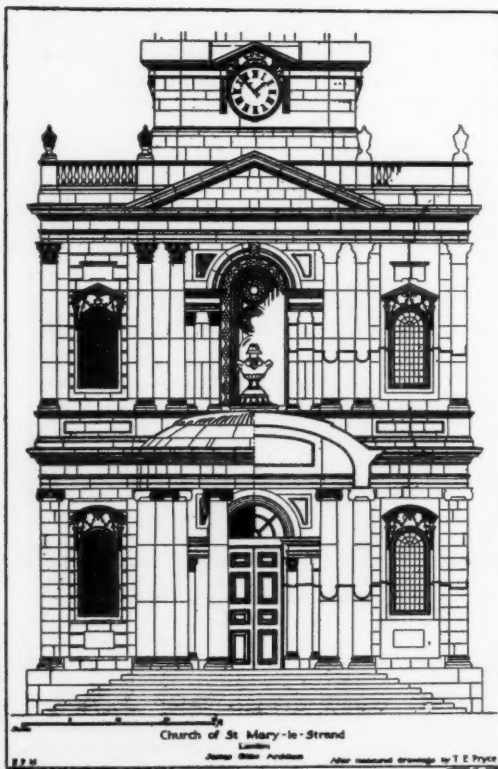


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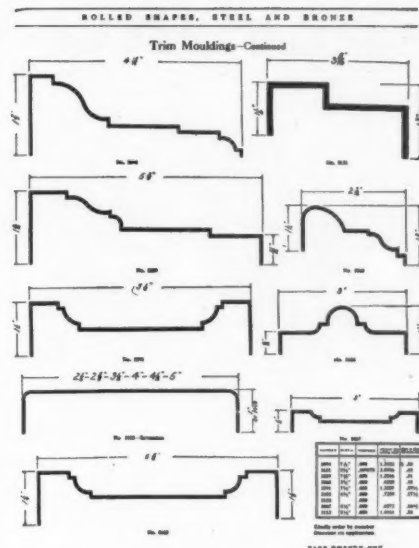
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Prompt shipments can always be made from large stocks on hand and under process.

Ask for our new Catalog No. M 105. It contains 376 designs in full-size profile, together with tables and prices.

United States Metal Products Co.

Successors to John W. Rapp Co. and J. F. Blanchard Co.
205 West 40th Street, New York

TRADE
The **DEVORO** Jet
MARK



List Price \$47.25

DEVORO Siphon Jet with 3½ inch *Integro* Vent; Non-Fouling Rim. **WAVELINE** Vitreous China Tank

Large Water Surface 10 in. x 12 in. with 3½ in. Seal and water



Sectional View of **DEVORO** Jet Bowl, showing structure of *Integro* Vent and Siphon passage of large calibre.

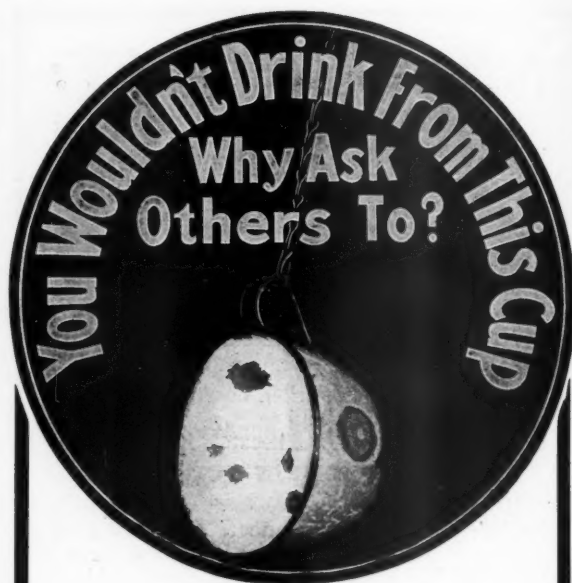
way of large calibre to pass freely a 2½ inch ball. Instantaneous and noiseless in operation. New Booklet—just off the press—sent on request.

Effective Ventilating area of 3¼ inch *Integro* Vent, 8¼ square inches.

Great Western Pottery Co.

Tiffin, Ohio Kokomo, Ind.

Manufacturers of Vitreous China Lavatories and Special Closets of all kinds



Such disease spreaders as pictured above are a menace to public health.

You shudder at the thought of drinking from such a cup.

You know there may lurk the germ of tuberculosis, diphtheria, tonsillitis, and perhaps something worse.

Prevent Contagion

With the Clow "Hygiene" Adamantose Ware Drinking Fountain, every swallow of water is clean, cool and refreshing.

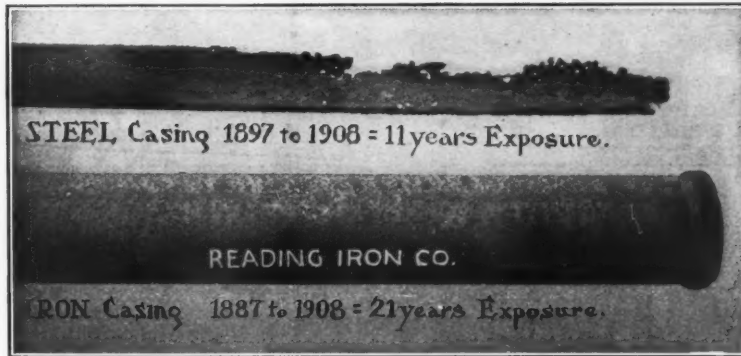
When you drink from its bubbling cup you don't wonder if it is clean—you know it.

Specify Clow Bubbling Fountains and see that all your other plumbing bears this mark of superiority.

Full descriptions and illustrations upon application to us.

JAMES B. CLOW & SONS
CHICAGO





Of Course, Accidents Do Happen

BUT—no combination of fortuitous circumstances can account for the fact that the following important buildings recently erected in New York, have been equipped with

Reading Wrought Iron Pipe

The Singer Bldg.
City Investing Bldg.
Empire Bldg.
Wanamaker's Stores
Engineers Club
Cathedral of St. John the Divine
New Municipal Bldg.

Metropolitan Life Bldg.
Hudson Terminal Bldgs.
Flatiron Bldg.
United Engineering Societies Bldg.
New Grand Central Station Bldgs.
Hall of Records
New U. S. Post Office

The *reason* is indicated by the cut shown above. The *explanation* is contained in the ninth edition of our booklet: "**Wrought Iron Pipe vs. Steel Pipe,**" just issued. If you are interested in the life of your buildings you will be interested in this work. Let us send it to you without cost.

READING IRON CO.

Baer Building

READING

PENNSYLVANIA

THE AMERICAN ARCHITECT
AND "BUILDING TRADE CATALOGS"

Vol. C, No. 1879

(One of the "ABC" Systems)

COMBINED

TELL YOU TOGETHER ALL YOU WANT TO KNOW ABOUT
THE MANUFACTURER'S PRODUCT

SECTION **32A** CATALOG 1
COLD STORAGE SPECIALTIES
BERNARD GLOEKLER COMPANY

Page 1

Bernard Gloekler Company

Refrigerators and Cold Storage Work

ESTABLISHED IN 1856

1127 TO 1133 PENN AVENUE
PITTSBURGH, PA.

INCORPORATED IN 1905

PRODUCTS—HOTEL KITCHEN EQUIPMENT; REFRIGERATORS FOR THE HOME AND FOR EVERY OTHER KNOWN PURPOSE; REFRIGERATING AND ICE-MAKING MACHINERY; COLD STORAGE INSULATION, DOORS, WINDOWS, HARDWARE, TRACKING, ETC.; BUTCHERS' SUPPLIES AND EQUIPMENT

DESCRIPTION—Our Hotel, Restaurant and Café Departments are perfect in every detail

Our Refrigerators, Refrigerating Machinery and Cold-Storage Equipments are designed under the guidance of expert Architects and Engineers. We furnish plans, specifications and estimates on this class of work and also for Abattoirs, Packing Houses, Cold-Storage Plants, etc

From our many years' experience in the Butcher Supply and Equipment Departments our goods in these lines are complete and in keeping with modern progress

We furnish the most complete line of Cork Insulation, Storage and Zero Doors. All Doors are hung in their own frames and are made with or without sill at bottom. Closed by gravity and latched with patent spring fasteners, and by the operation of hinge and latch the airtight seal on the Doors is made complete by the use of a rubber gasket between Door and Door Frame of Storage Room.

DETAIL OF OPERATION—As shown in our cut, our Sill-less Doors close on level of floor line, thus allowing trucks, barrels, etc., to pass through opening with ease. The automatic device to close space between bottom of Door and floor level is operated by the exclusive use of Refrigerator latch. The adjustable support at top of Door prevents sagging and reduces strain on hinges, thus making Door swing easily. Our cut shows a right-hand Door. All orders should state whether right or left hand Door is wanted.

All frames made for an 8" wall unless otherwise ordered.

HARDWARE—All Hardware, Hinges and Fasteners are extra heavy, made of malleable iron or steel heavily tinned, or of solid brass, as desired.

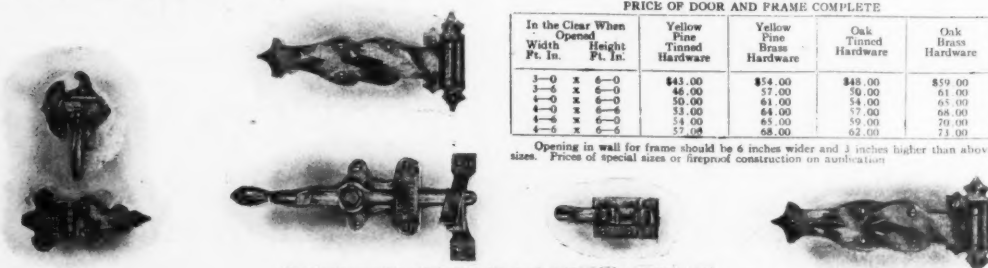


NEW GLOEKLER COLD STORAGE DOOR
(Showing Door Partly Open)

PRICE OF DOOR AND FRAME COMPLETE

In the Clear When Width Pt. In.	Height Pt. In.	Yellow Pine Tinned Hardware	Yellow Pine Brass Hardware	Oak Tinned Hardware	Oak Brass Hardware
3-0	6-0	\$43.00	\$54.00	\$48.00	\$59.00
3-6	6-0	46.00	57.00	50.00	61.00
4-0	6-0	50.00	61.00	54.00	65.00
4-6	6-0	53.00	64.00	57.00	68.00
5-0	6-0	54.00	65.00	59.00	70.00
5-6	6-0	57.00	68.00	62.00	73.00

Opening in wall for frame should be 6 inches wider and 3 inches higher than above sizes. Prices of special sizes or fireproof construction on application.



ILLUSTRATIONS OF SOME OF OUR SPECIAL HARDWARE

"A.B.C." SYSTEMS

The above is a reduced facsimile of manufacturer's catalog page (standard size 10½"x12") in "Building Trade Catalogs." See opposite page for announcement.

THE AMERICAN ARCHITECT
AND "BUILDING TRADE CATALOGS"

(One of the "ABC" Systems)

COMBINED

TELL YOU TOGETHER ALL YOU WANT TO KNOW ABOUT
THE MANUFACTURER'S PRODUCT

The opposite page is a reduced fac-simile of a manufacturer's catalog page as it will appear in the forthcoming issue of "Building Trade Catalogs."

The presses are running night and day producing hundreds of other printed pages which when compiled will total many catalogs. These catalogs, with their data arranged especially for your convenience, will be instantly at command in the section where they belong, through reference to a handy product index.

The names, addresses and products of other manufacturers than those having catalogs in the system may be found also, and without confusion, by reference to the section where the product belongs.

There are forty-four sections in this comprehensive catalog service. Each section represents a logical grouping of material and equipment arranged for convenience in the sequence ordinarily followed in building practice. An ideal system of cataloging manufacturers' data and precisely "What the Architect Wants."

Associated Builders Catalog Company

225 WEST 39th STREET

NEW YORK CITY

QUARRY OF THE LEE MARBLE WORKS

UNEQUALLED BUILDING STONE
FROM

Lee Marble Works Quarry

ELSE WHY DOES IT FORM PART OF THE MOST NOTABLE OF THE
COUNTRY'S BUILDING ACHIEVEMENTS? AMONG THEM ARE:

Clearing House, New York
City.

Robert W. Gibson, Architect.

Court House, Baltimore, Md.
Watt & Nolting, Architects.
50,000 cubic feet.

State House Annex, Boston,
Mass.

Brigham & Spofford,
Architects.
75,000 cubic feet.

Commonwealth Trust Co.,
Boston, Mass.

Parker, Thomas & Rice,
Architects.

Warren Chambers, Boston,
Mass.

Ball & Dabney, Architects.
Wings of Capitol, Washing-
ton, D. C.

Thomas U. Walter,
Architect.
700,000 cubic feet.

Real Estate Title, Insurance
& Trust Building, Phila-
delphia, Pa.

Jno. T. Windrim, Architect.

Drexel Building, Philadel-
phia, Pa.

Wilson Bros. & Co.,
Architects.

Fidelity Insurance Co.,
Philadelphia, Pa.

Hazlehurst & Huckel,
Architects.

Penn Mutual Insurance
Building, Philadelphia, Pa.

T. P. Chandler, Jr., Architect.

Public Buildings, Philadel-
phia, Pa.

John McArthur, Jr.,
Architect.

700,000 cubic feet.

Lee High School Building,
Lee, Mass.

Carnegie Library, Lee, Mass.
H. S. Moul, Architect.

OUR BOOKLET WILL REPAY YOUR INSPECTION.

WILL YOU NOT WRITE FOR IT, NOW?

LEE MARBLE WORKS, LEE, MASS.

W. H. GROSS, Proprietor



CORR-MESH

An Improved Type of Expanded Metal

WHAT IT IS:

Corr-Mesh is a ribbed, expanded metal for use in walls, partitions, floors and roofs. IT IS A ONE-PIECE PRODUCT. Take a look at the illustration.

In reinforced concrete floors and roofs the ribs act as beams and eliminate the cost of centering. In walls and partitions the ribs make studs unnecessary.

FIELD OF APPLICATION:

In manufacturing plants **Corr-Mesh** furnishes an ideal method of construction for roofs, floors and exterior walls. In railway work **Corr-Mesh** provides, at slight expense, handsome, permanent and fireproof stations and wayside buildings in stucco. It is also especially adapted for use in cementine residences, sewers, conduits, tanks, etc.

SPECIAL ADVANTAGES:

Corr-Mesh saves time in construction—saves cost in material—and saves space. A 2-inch wall of **Corr-Mesh** and concrete serves factories as well as an 8-inch brick wall, and costs only one-half as much. It also saves one square foot of floor space every two running feet.

THE MEN BEHIND CORR-MESH:

The **Corrugated Bar Company** has had twenty years' experience with mesh metals. We were the pioneers in this line, and have sold expanded metal all over the world.

Architects, Engineers, Contractors, Railway Officials, and many others are writing in daily for prices and more information about this NEW MATERIAL. Hundreds of requests are pouring in for the **Corr-Mesh Handbooks**. Send in your name and get the copy waiting for you.



Corrugated Bar Co.



402 Mutual Life Building
BUFFALO, N. Y.

NEW YORK

CHICAGO

ST. LOUIS



SARGENT
HARDWARE

RESIDENCE, MR. J. T. RYERSON
LAKE FOREST, ILL.

HOWARD SHAW
ARCHITECT

The relation of hardware to the residence is no longer solely utilitarian; it must also have certain decorative attributes in order to be desirable.

SARGENT

Hardware gives to the country and suburban home the "finishing touch" requisite to beauty, dignity and refinement.

SARGENT & COMPANY

Makers of Artistic and Appropriate Hardware

NEW HAVEN, CONN. NEW YORK BOSTON PHILADELPHIA CHICAGO

SARGENT HARDWARE is obtainable through representative hardware merchants in all cities.



SARGENT
HARDWARE

RESIDENCE, MR. SETH SPRAGUE TERRY
MONTCLAIR, N. J.

A. F. NORRIS
ARCHITECT



Residence of Ex-Governor John F. Hill, Augusta, Me. Equipped with Automatic Refrigerating Plant
Messrs. John Calvin Stevens and John Howard Stevens, Architects, Portland, Maine.

Automatic Refrigerating Plants

are pleasing users from Maine to Texas and from Florida to Iowa.

We have installed them in Hospitals and Sanatoria, in Hotels and Restaurants, in Greenhouses and Morgues, in Markets and Bakeries, in Grocery Stores and Office Buildings, in Wholesale Meat and Produce Houses and Dairies, in Residences and Reformatories, in Fruit Houses and Fish Houses, for Packers and Brewers, in Bacteriological and Research Laboratories where close temperature regulation is of paramount importance and

They are all giving thorough satisfaction.

The plants are completely installed by us—not sold to be installed by someone else—and we stand back of our work.

Our customers are those who realize that satisfactory operation and low operating costs are of more importance than price.

Our customers are of the same classes and temperaments as your Clients, Mr. Architect.

Therefore, from our own experience, we affirm: We can help *you* please your Clients—Let us!

THE AUTOMATIC REFRIGERATING COMPANY

Main Office and Works: HARTFORD, CONNECTICUT

We are the ONLY builders of AUTOMATIC Refrigerating plants and are thoroughly protected by Patents

AN OPPORTUNITY FOR ARCHITECTS

to secure in beautiful and permanent form valuable and up-to-the-minute information on a 20th century architectural problem.

GARAGES

The Garage has become an artistic and practical addition to modern homes, country and suburban. The problems presented, and their solution, are completely handled in this remarkable work. There are authoritative articles, many photographs of the most beautiful country and suburban garages, together with plans and illustrations of details, mechanical and artistic.

If you see this work, you will add it to your library. Have a copy sent you on approval. Cloth, 9 x 12 inches, 96 pages, \$4.00 postpaid.

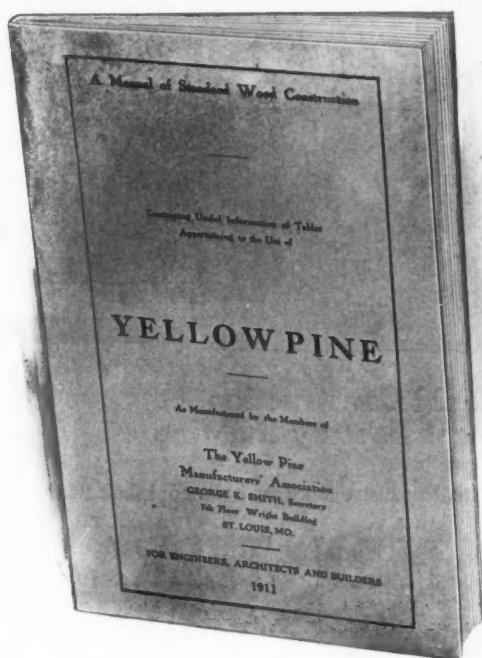
THE AMERICAN ARCHITECT
BOOK DEPARTMENT

231 West 39th Street,

New York City

A RELIABLE Reference Book

Covering the use of
Southern Yellow Pine in Construction



ESPECIALLY USEFUL AND VALUABLE TO ARCHITECTS,
ENGINEERS AND CONTRACTORS

A manual containing authentic information and tables, Grading Rules, Standard Sizes, etc., with desk reference to Southern Yellow Pine—the standard constructional timber, owing to its strength, hardness, durability and freedom from defect.

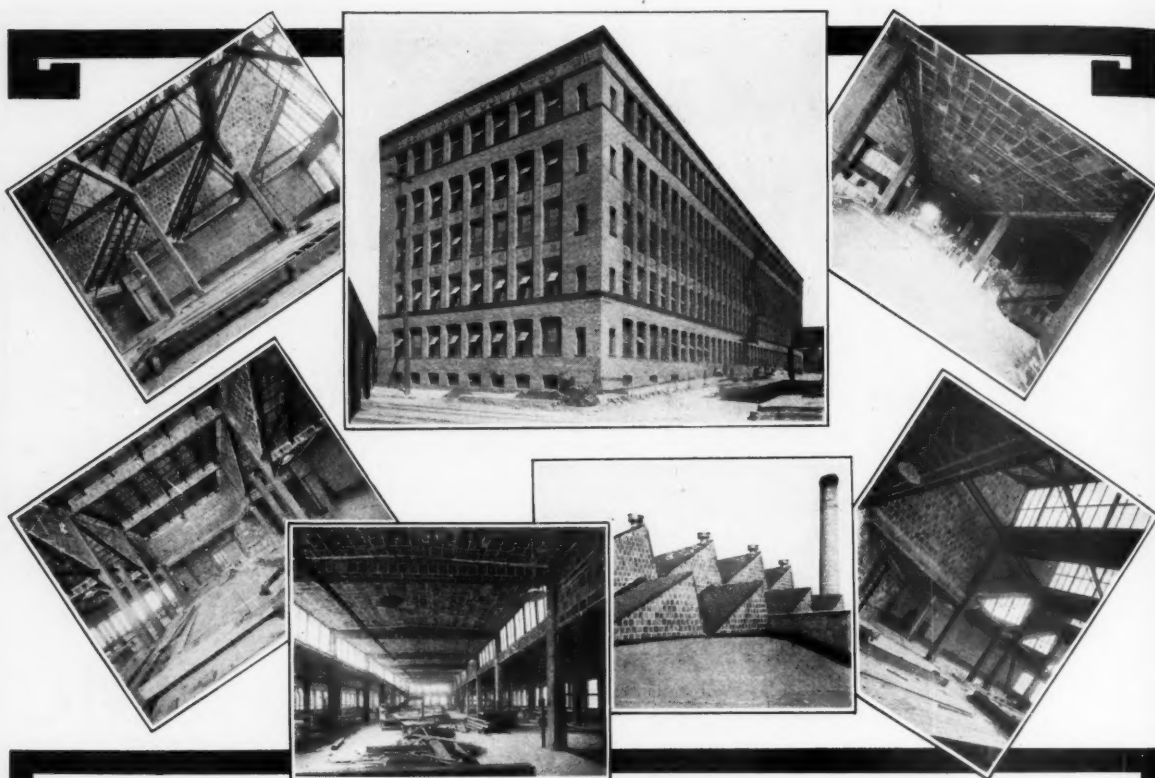
PRICE FIFTY CENTS

For this and other information regarding SOUTHERN YELLOW PINE, address:

Yellow Pine Manufacturers' Association

GEO. K. SMITH, Secretary

711 Wright Building, St. Louis, Mo.



An Example of Rapid Construction of an Ideal Fireproof Factory Building

This Structure has just been completed for the

NORTHWESTERN TERRA COTTA CO. at CHICAGO, ILL.

It exemplifies the most advanced construction for factory purposes. The illustrations give an unusually clear idea of the general effect of Terra Cotta hollow tile left exposed as an interior finish, in accordance with the most approved modern practice.

The fireproofing of this building was executed in its entirety by this Company, from the furnishing of the materials to the installation of the work complete. Our engineers are ready at all times to give immediate and thorough attention to requests for information on any phase of fireproofing.

NATIONAL FIRE-PROOFING · COMPANY ·



ORGANIZED 1889

PITTSBURGH, PA.



NEW YORK, Flatiron Bldg.
BOSTON, John Hancock Bldg.
CHICAGO, Com'l National Bank Bldg.
PHILADELPHIA, Land Title Bldg.

WASHINGTON, Colorado Bldg.
CANTON, City National Bank Bldg.
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LOS ANGELES, Central Bldg.
DETROIT, Penobscot Bldg.
TORONTO, Traders Bank Bldg.

TWENTY-SIX FACTORIES IN THE UNITED STATES.



Multiple-Service Patterson Battery Set—Door Open.
Capacity this size set, 9 volts, 75 amperes



"Columbia"
Cartridge Cell
Unit



Multiple-Service Patterson Battery Set—Door
Closed. Capacity this size set, 9 volts,
75 amperes

Multiple-Service Patterson Battery Sets "BMC"

will save for your client far more
than they cost

when installed in a building for the operation of Electric Bells, Annunciators, Fire Alarm Signals, Elevator Calls, Door Openers, etc.

We absolutely guarantee (depending upon models selected) from **3 to 12 times the service** from a PATTERSON BATTERY SET, that can be gotten from the regular old-time Battery Set equipment; this frequently means **two years' operation without attention or expense.**

After installation **not a penny expense for maintenance except** for the Columbia Cartridge Cell Units, which can in two minutes be renewed by the most inexperienced person—just as an incandescent lamp would be replaced—and though done quickly, **cannot be done wrong.**

Made in all sizes and capacities from the Models doing the work of a Motor-Generator Set down to the small Residence Set for Annunciator and Bells.

Cabinets in FLUSH OAK, FLUSH STEEL, SURFACE OAK, SURFACE STEEL, types to suit building requirements.

The Architect who'll let us send descriptive Catalogue of MULTIPLE-SERVICE PATTERSON BATTERY SETS will always specify its use wherever a Battery is required.

Bulletin No. 157 will tell you all about it—may we not send it to you?

STANLEY & PATTERSON, Incorporated

MANUFACTURERS OF GENERAL ELECTRICAL SUPPLIES

23 MURRAY ST.—27 WARREN ST. (FROM BLOCK)
NEW YORK

Otis Elevators

The greatest factor in the upbuilding of the world today—the ONE thing that has made possible the construction of the Titanic structures of stone and steel that everywhere dot the marts of trade and industry—the ONE thing that has heightened the "sky line," and marvelously increased the land values of the world's greatest cities, insuring to them unlimited development, concentration and prosperity.

Contracted to be installed in the new Woolworth Building, New York, the tallest in the world

The Woolworth Building installation will consist of the following groups:

Elevators—Nos. 1, 2, 23, 24.

Main Group—Otis Traction Machine.

Rise—1st to 51st Floor—679' 6".

Main Group—

Elevators—No. 3, 22.

Rise—Basement to 40th Floor—530' 5½"—Otis Traction Machine.

Main Group—

Elevators—4 to 21st inclusive.

Elevators—4, 5, 6, 7, 9, 10, 15, 16, 18, 19, 20, 21.

Rise—Basement to 27th floor—358' 5½"—Otis Traction Machine.

Elevators—11, 12, 13 and 14.

Rise—1st to 12th floor—144' 0"—Otis Traction Machine.

Elevators—8, 17.

Rise—S/B to 27th floor—372' 11½"—Otis Traction Machine.

Combination Passenger and Freight Elevators.

Nos. 25 and 26.

Rise—Basement to 28th floor—373' 5½"—Otis Traction Machine.

Passenger (Bank) Elevator—No. 31.

Rise—Basement to 4th floor—56' 5½"—Otis Drum Type Machine.

Passenger (Tower Shuttle) Elevator—No. 34.

Rise—51st to 54th floor—47' 0"—Drum Type Machine.

Ash Lift—Elevator No. 33.

Rise—S/B to S/W 29' 5½"—Drum Type.

The achievement of this company in perfecting the highest types of Elevators has made it one of the world's chief industrial organizations—and gained for its products the recognized standard of excellence throughout the civilized world for

**Quality, Safety,
Efficiency, and
Permanency**

Otis Elevators should be specified in your plans for modernizing old buildings, and for insuring your clients the greatest economy, comfort and satisfaction in the new.

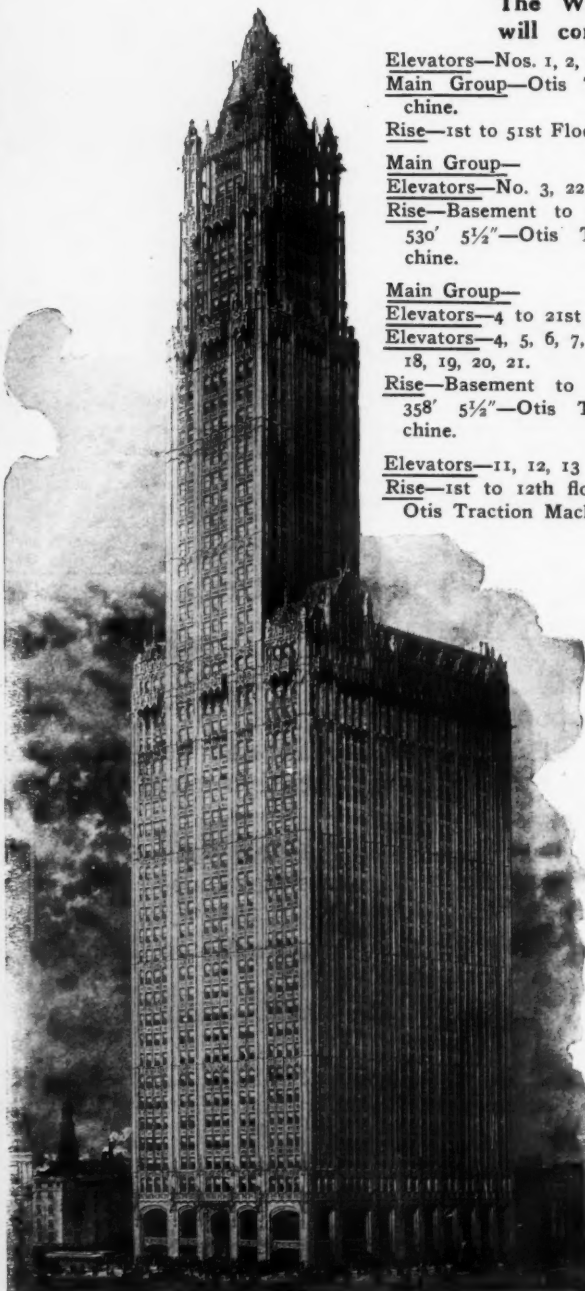
Without obligation our Engineering Department will supply full information, show the way to best meet your specific requirements for both passenger and freight handling apparatus. Correspondence invited. Write to us.

Otis Elevator Company

17 Battery Place

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Offices in all principal cities in the world





Pyrofuse

TRADE MARK

AT LAST A PERFECT GARBAGE DESTROYER
THE ACHIEVEMENT OF THE YEAR
WILL BE SPECIFIED BY HOSPITAL ARCHITECTS



Pyrofuse TYPE M
Showing Gasolene Attachment

GAS OR GASOLINE are used for fuel because they give more heat, cost less, create little dirt and are less bother than coal or coke.

Pyrofuse

A NECESSITY in the modern hospital because it requires very little room and very little attention on the part of the operator.

Pyrofuse

WILL ABSOLUTELY DESTROY all germs and, in the case of tuberculosis hospitals, will perfectly burn sputum, something a coal fire will not do.



Different sizes for homes, schools, hotels and other buildings. It costs very little to install and operate a ***Pyrofuse***

Send for Catalogue H

J. B. Prescott & Son, Mfrs.

Factory and Main Offices, Webster, Mass.

Branch Offices in Principal Cities





Hy-Rib

Type of Hy-Rib	Spacing of Ribs	Height of Ribs	Width of Sheets	Gauge Nos.	Standard Lengths
3-Rib HY-RIB...	7"	13/16"	14"	24, 26 or 28	6', 8', 10' and 12'
4-Rib HY-RIB...	3 1/2"	13/16"	10 1/2"	24, 26 or 28	6', 8', 10' and 12'

Hy-Rib is a steel sheathing, stiffened by rigid, deep ribs, formed from a single sheet of steel. Hy-Rib does away with the use of centering and studs in concrete construction. Hy-Rib provides a perfect surface and clinch for plaster.

PARTITIONS—

Set the Hy-Rib sheets up vertically; plaster both sides and the partition is complete. Hy-Rib does away entirely with the use of studs, saving expense, labor and time. Hy-Rib is more economical than lath and channels.

CEILING—

Hy-Rib is attached to the lines of support and plaster applied directly to the under side. Hy-Rib does away entirely with the small channels, T's and angles necessary where ordinary lath is used.

FLOORS AND ROOFS—

Merely lay the Hy-Rib over the supports; pour in the concrete and plaster the under side. Hy-Rib provides both the centering and reinforcement for the concrete, reducing costs and simplifying construction.

WALLS AND SIDINGS—

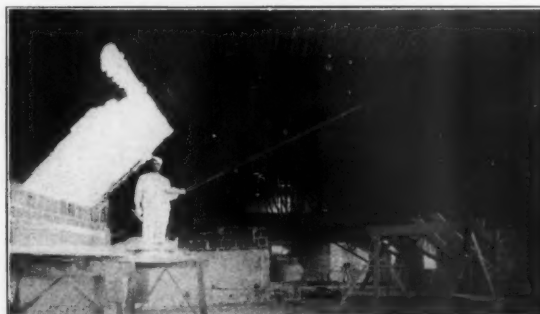
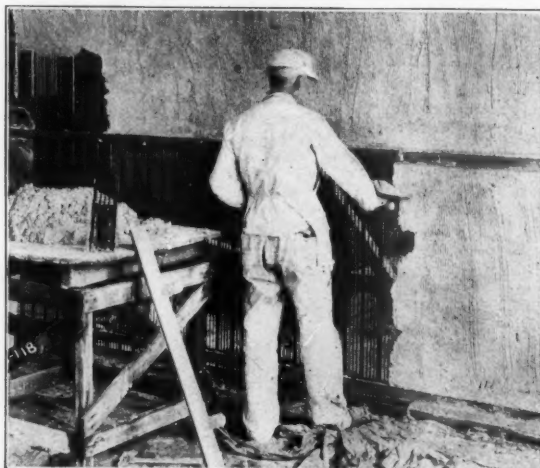
Set up the Hy-Rib sheets, apply the plaster to both sides, and the wall is complete. Hy-Rib provides a solid, monolithic wall, two inches thick, at half the cost of brick. No centering or studs are required.

FURRING—

Attach the Hy-Rib to wall with lath side outward and apply the plaster. Hy-Rib does away with furring strips.

HY-RIB HAND-BOOK FREE

112 pages, containing complete details of all framing and connections, complete specifications, numerous illustrations and full descriptions, sent **FREE** on request.

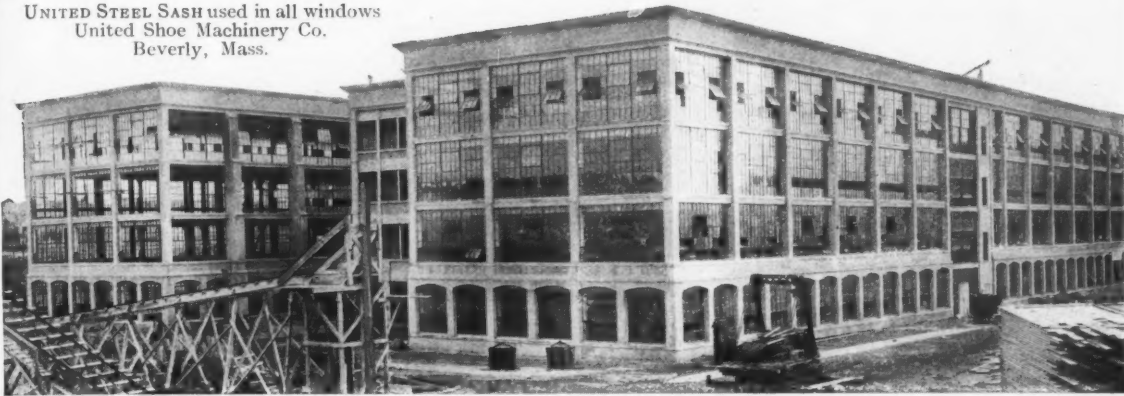


Trussed Concrete Steel Co.
DETROIT, MICH.

KAHN SYSTEM OFFICES IN PRINCIPAL CITIES

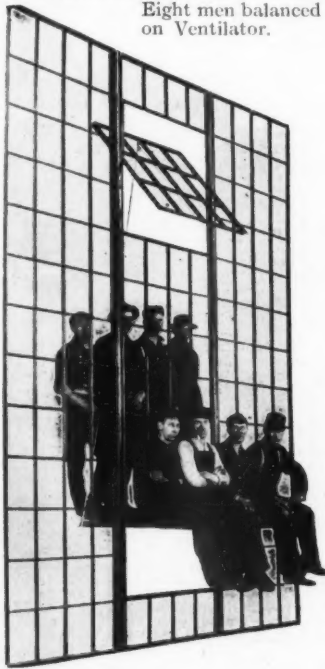


UNITED STEEL SASH used in all windows
United Shoe Machinery Co.
Beverly, Mass.



More Daylight Means Higher Quality and Greater Output

Exceptional strength of U. S. Sash.
Eight men balanced
on Ventilator.



Daylight interiors make workmen more accurate and speedy, reducing scrap piles, saving artificial lighting and increasing the available working space.

United Steel Sash give maximum lighting value to windows. United Steel Sash cannot burn or wear out and are more economical than wood sash.

U^{nited} S^{teel} SASH

Exceptionally strong and rigid—not weakened in any way by cutting or punching away the metal—large, wide ventilators with double, circular contacts to shut out drafts and rains—improved method of glazing with special spring clips.

United Steel Sash are made in various types: for side walls, for monitor and sawtooth roofs, and in a large variety of sizes.

Write for U. S. Sash Catalogue, containing illustrations, details, tables, etc.

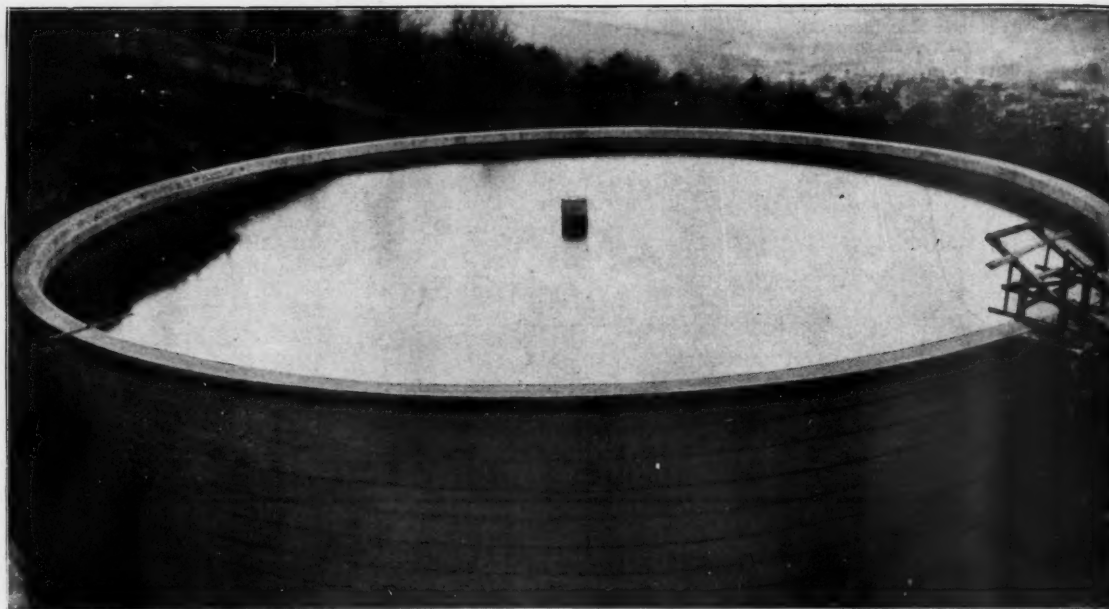
Other Kahn System Building Products include; *Kahn Trussed Bars* for Girders, Beams and Floors; *Rib Bars*, used as vertical reinforcement in columns and to resist direct stresses; *Collapsible Column Hooping*; *Rib Metal* for Sewers, Conduits, Tanks, etc., and *Building Specialties*.



Trussed Concrete Steel Co.
DETROIT, MICH.

KAHN SYSTEM OFFICES IN PRINCIPAL CITIES





The new five-million gallon Auxiliary Reservoir, at Asheville, North Carolina

This Great Reservoir Leaked Badly

but was thoroughly and permanently waterproofed by using
TRUS-CON WATERPROOFING PASTE. Read what Mr. N. Buckner,
 Secretary Asheville Board of Trade, says about it.

"This reinforced concrete reservoir, built to insure an auxiliary or emergency supply for the water system of Asheville, N. C., has a capacity of 5,000,000 gallons of water. The reservoir is 150 feet in diameter at the bottom and is 40 feet deep. The wall is three and one-half feet thick at the bottom and tapers to a thickness of eight inches at the top. The reservoir holds a quantity of water sufficient to last the city three or four days. should it become necessary to repair any break in the pipe line, nearly twenty miles long, to the intake in the mountains, from which Asheville is directly supplied with water.

"As originally constructed by an outside firm, the reservoir was not satisfactory, but has been brought to stand a thorough test and has just been accepted by the city after additional work, which was done by Mr. George H. Davidson, a contractor of Asheville. The bottom of the tank, when Mr. Davidson began work on it, was from two to six inches thick, with concrete filling up the crevices, and the entire floor of the tank was cracked very badly. The sides of the tank were originally built in 5-foot sections, and at these seams there was a constant leakage. At some places there were cracks up and down the wall, while nearly all of the wall was porous and water seeped through. Mr. Davidson broke out all of the old bottom entirely around for a distance of two feet

from the walls, going down to solid rock and cleaning out all cracks and crevices. He then filled all with good concrete and Trus-Con Waterproofing Paste to the level of the old floor. On top of this he laid an 8-inch floor with $\frac{3}{4}$ -inch reinforcing steel, filled with Trus-Con Waterproofing Paste and concrete, as per Trus-Con specifications, using fifteen barrels of the Paste in the bottom. He then cut out all joints on the walls and filled them with Trus-Con Waterproofing Paste.

"Mr. Davidson's contract was 'no pay if not water-tight' after a test of 90 days with reservoir full of water; and at the end of 90 days the mayor and five aldermen examined the reservoir and found that he had complied with his contract and made good. Quite a number of outside firms made bids for waterproofing of this reservoir, the lowest bid of these being in the neighborhood of \$20,000, while the cost under Mr. Davidson's plan was \$11,400, and he made some money. A number of firms making waterproofing material solicited this business, but after demonstrations and examining the merits of the various waterproof materials, Mr. Davidson told me that he had decided Trus-Con Waterproofing Paste was the best material to use; and he used it and made good."

(Signed)

N. BUCKNER,
 Secy. Asheville Board of Trade.

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CURRENT NEWS AND COMMENT

A World Wide Competition

The Minister for Home Affairs for the Commonwealth of Australia, Melbourne, has issued a memorandum in connection with the designs for the Federal capital city, to be constructed in a federal district, which will be the permanent seat of government of the Commonwealth of Australia, where all Commonwealth legislation will be conducted and where the governor-general will have his official residence. The invitation to the competitors embodies the conditions of competition, historical and introductory matters relating to the district of Yass-Canberra and its selection as the federal district, and the requirements for the consideration of designers, the allocation of appropriate areas embracing sites for twenty-eight buildings. These include a house of parliament, governor-general's residence, court houses, public offices for all departments, etc.

A description of the site selected is also given, and a model of the city site on a horizontal scale of 400 feet to one inch with a vertical scale of about 100 feet to one inch has been prepared, and a cast of the model will be sent to each of the centres of distribution for inspection. Copies of the invitation to competitors can be secured by application to either the British Embassy, Washington, or the British Consulates in New York and Chicago.

A feature of this world-wide competition contemplates that immediately after the announcement by the minister of the adjudication of the premiums, which will be made at Melbourne within two months of the date of receipt of designs, it is intended to publicly exhibit in Melbourne for a reasonable period all designs admitted in competition. Should the competitors desire on their own behalf to arrange a second exhibition in London or elsewhere, the minister will, if requested, supply as exhibits, reproductions from the originals of the premiated designs only.

Important Incentive to American Art

Mr. George A. Hearn, with the generosity that has characterized his attitude toward the painters' art in America, has presented to the Brooklyn Museum five important examples of American paintings. In addition to this munificent gift, Mr. Hearn has given \$100,000 in cash to be invested by the authorities of the Metropolitan Museum. The income is to be expended for paintings by American artists. The Hearn collection is at present one of the most important in the Metropolitan Museum, and with the additions now possible from the income of this fund, we may confidently expect to

find the work of the American painter adequately displayed. This we are sure will be learned with much satisfaction by those who from familiarity know how high a position in the universal field of art has been attained by our native artists.

A Correction

In our issue of June 14th the building by Messrs. Lockwood, Greene & Co., architects and engineers, was designated as "Factory Building for the American Cotton Mills Co." This was not correct. The building is a cotton storage warehouse for the Massachusetts Cotton Mills, Lowell, Mass., Messrs. Lockwood, Greene & Co., Boston, Mass., architects and engineers.

Washington's Tall Building Problem

It is interesting to note the somewhat unusual point of view advanced by Senator Heyburn, who inveighs against the erection of tall buildings in the Capital City. He declares that they detract from the value of residential property in their vicinity.

As a matter of fact the erection of tall buildings for commercial purposes in residence sections marks the waning of that location for dwelling sites and tends to enhance values very materially. No one who picks his residence in a city can hope that the locality will for all time preserve its identity as he found it; and if by reason of the shifting of areas of trade his neighborhood is invaded by tall commercial structures we doubt if the enhancement of values would lead him to agree with Senator Heyburn.

Plans Found After a Lapse of Fifty Years

A building adjoining St. Paul's Episcopal Church in Newark, N. J., which has been for many years used by the church as a club house and which originally was one of the pretentious colonial homesteads of the section, was recently demolished. The wreckers discovered a roll of papers between the walls of the building. These papers upon examination proved to be a complete set of drawings for a Gothic church, signed by Richard Upjohn and dated 1851. As the present church edifice was built on the site contemplated by the plans just discovered, and as it differs materially from those plans, it is inferred that Upjohn's design was not approved.

New York's Building Code

The war of materials for fireproofing that has been waged in the preliminary hearings on New York's new building code, will, if Mayor Gaynor's

wishes are followed, be settled by tests conducted to ascertain the relative structural and fireproofing value of various materials. This question should have been definitely settled before the code was finally drawn.

In justice to all the parties concerned as well as to secure the immense practical value of properly conducted tests, we hope that the matter may be speedily settled, and the code started on the fair road towards its ultimate adoption.

The Cleveland Memorial Tower at Princeton

We learn with much satisfaction that the money to insure the erection of the proposed tower in memory of Grover Cleveland, and which is to be erected at Princeton University, has been fully subscribed and that work will begin at an early date.

The tower, it is stated, is to be 40 feet square and 170 feet in height. The architects are Cram, Goodhue and Ferguson.

Columbus, Ohio, Building Code

The building code of the City of Columbus, Ohio, the provisions of which were referred to in these columns, have been amended so as to eliminate many of the objectionable features that were considered inimical to the best interests of the city. It is confidently expected that this code in its new form will be speedily adopted.

Connecticut Chapter, A. I. A.

At the monthly meeting of the Connecticut Chapter, A. I. A., held in Hartford on June 21, the members after a short meeting adjourned to visit the new State library, under the guidance of Senator Cook, who is a member of the Commission in charge. In the evening there was a dinner, at which the Chapter entertained numerous guests, including Senator Cook, and other members of the State Library Commission.

PERSONAL

Mr. John A. Wetzel, architect, announces the opening of an office in Greeley, Colo., where he will practice his profession. He desires to receive builders' samples and catalogues.

Mr. Ernest O. Brostram, architect, Kansas City, Mo., informs us that he has moved to new offices in the Reliance Building, and that he desires to receive manufacturers' samples and catalogues.

Mr. F. F. Rowell, Sanitary Engineer, has joined the staff of Richard D. Kimball Co., engineers, 15 West Thirty-eighth street, New York. Mr. Rowell

will have charge of that portion of the firm's work belonging to his department.

INDUSTRIAL

An Inspection of Cement Plants and Buildings

At the invitation of the Universal Portland Cement Co., of Buffington, Ind., members of the Illinois Chapter, A. I. A., the Chicago Architectural Club, and the Chicago Architects' Business Association, made on June 20, a visit of inspection to the plants and buildings of the Cement Co.

The opportunity to secure by personal observation a practical knowledge of an important material was availed of by a large number of Chicago architects, and under the guidance of officers of the company, who proved to be ideal hosts, the results of the trip may be said to have been most pleasantly and satisfactorily accomplished.

What to Specify

In a pamphlet with the above title, the Sherwin-Williams Co., who have offices in all principal cities, seek to lead the architects to a better knowledge of the use of paint, with particular reference to a number of so-called architectural finishes which they are prepared to supply. Probably no materials that go into the finished building need to be more thoroughly honest in their manufacture than paint and varnish. Besides its æsthetic purpose to give color and lustre to surfaces it is also used to preserve the material it covers. Failing in this, it has failed in all its requirements. The Sherwin-method to accomplish different ends, sounds to the uninformed like an impossibility.

Insulation

To keep the heat in a house in winter, and to keep it out in summer, employing both seasons the same methods to accomplish different ends, sounds to the uninformed like an impossibility.

The question becomes one of insulation, using a material that will prevent the heat of the interior passing through the walls in winter, and in like manner resisting its passage from the outside in summer.

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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

ATTALLA.—E. D. Petit will erect \$8,000 store building on Fifth Ave.

CAREY.—Tennessee Coal, Iron & Railroad Company will at once erect 31 houses for employees. Geo. G. Crawford, President.

DECATUR.—Bids will be received until 8 P. M., July 11, for erection of city hall. R. H. Hunt, Chattanooga, Tenn., Architect. H. A. Skeggs, Mayor.

LIVINGSTON.—Plans are being considered for erection of three-story dormitory at Alabama Normal College.

MOBILE.—Architect J. Stone has prepared plans for erection of \$20,000 apartment house for Louis Forchheimer.

NEW DECATUR.—Citizens will vote July 22 on \$20,000 bonds to improve schools and retire old school bonds.

CALIFORNIA

LONG BEACH.—J. N. Shafer will build a two-story \$10,000 apartment house, with basement, on Third St.

LOS ANGELES.—Architect A. F. Priest has prepared plans for erection of three-story apartment house on Westlake Ave. for George McAnany.

Plans have been prepared by Architect Eugene Weston for erection of \$30,000 apartment house in Maryland St. for Dr. F. E. Chamberlain.

Plans for residences to be erected by the following have been prepared by the Los Angeles architects named: Mrs. L. L. Oliver and Mrs. W. A. Clark, three double bungalows, Seventeenth St., near Pacific Ave., \$6,000, Arthur L. Acker, 610 S. Broadway; Nathan Blanchard, ten-room, Santa Paula, John C. Austin and W. C. Pennell, Wright & Callender Bldg.; P. Young, ten-room, Crown and Franklin Aves., Eager & Eager; Dr. P. S. Chancellor, Oak Knoll, Robert D. Farquhar, 508 S. Spring St.; Charles Allen, nine-room, Hollywood, A. R. Kelly, 610 Spring St.; A. H. Holmes, two-story, Third St. and Manhattan Pl., Neher & Skilling, 608 S. Main St.; J. E. Dawson, two-story, Wilmington, H. M. Patterson, 256 S. Broadway; William R. Loftus, two-story, Whittier, Georgian style of architecture, Eisen & Son.

Robert H. Walker, 608 S. Main St., is preparing plans for erection of \$100,000 four-story apartment house at Horner and Francis Sts. for Emerson Bender.

Architect Anton Rief has prepared plans for erection of four-story \$18,000 brick apartment house at 619 Lebanon St. for Mrs. H. M. Morris.

NAPA.—Supervisors have decided to erect \$15,000 annex to county infirmary.

NEVADA CITY.—Site has been selected for erection of proposed high school.

PASADENA.—Dr. Rudolph Schiffmann is considering erection of large building at Colorado and Marengo Sts.

SAN FRANCISCO.—Architects J. R. Miller and Geo. T. Colmesnil have prepared plans for erection of number of buildings.

Brick residence which will cost about \$20,000 has been planned by C. B. Rushmier, Architect, for George Whittel, to be erected at corner of Sacramento and Cushman Sts.

Five-story and basement brick and steel apartment house is to be built by M. Fleisher on Bush St., from plans by N. W. Sexton, Architect, at cost of about \$50,000.

POMONA.—Chas. E. Walker, F. E. Graham and others are interested in proposed erection of opera house and business block at Thomas and Third Sts.

POMONA.—Plans submitted by Architect Robert H. Orr for the new Christian church at San Dimas have been approved by the Building Committee.

CONNECTICUT

HARTFORD.—Bids will be received until 11 a. m. July 10 for erection of fire station at Market and Temple Sts. Whiton &

McMahon, 49 Pearl St., architects. Jos. Butts, secretary Board of Contract and Supply.

NEW BRITAIN.—Dr. E. L. Styles will at once erect residence at Maple Hill.

NEW HAVEN.—Architect L. W. Robinson is preparing plans for erection of proposed contagious disease hospital on Cedar St.

C. W. Murdock is having plans prepared for erection of ten-story business block on Church St.

Plans have been prepared for erection of bakery building at Ferry and Exchange Sts. for Charles Minnery.

A. H. Powell is having plans prepared for erection of residence on Hobart St.

WATERBURY.—Plans have been completed for a three-story frame block to be erected on Baldwin St. for Louis Bernier.

Plans are being completed by Architect Theodore B. Peck, 65 Bank St., for two-story frame residence to be erected on Woodlawn terrace for Levi Wilcox.

WINSTED.—Architect E. E. Benedict, 51 Leavenworth St., Waterbury, is completing plans for three-story building to be erected for the Winsted lodge of Odd Fellows.

DISTRICT OF COLUMBIA

WASHINGTON.—Plans prepared by Cloughton West, architect, Oxford Bldg., have been accepted by Dr. George P. Parton for immediate construction of home on Nebraska Ave., N. W.

F. T. Sanner and Wm. A. Hill are planning to erect four-story stone-front English basement residence on New Hampshire Ave.

FLORIDA

JACKSONVILLE.—Chas. Bettis will erect residence in this city after plans by Architect Wm. K. Schilling, Bushnell Bldg., Springfield, O.

KEY WEST.—Bids will be received until noon July 18, for erection of two-story building for Weather Bureau. W. L. Moore, Washington, D. C., Acting Secretary, Department of Agriculture.

PORT TAMPA.—County School Board is considering erection of schools in this city and at Gary.

ST. PETERSBURG.—Architects Bonfoey & Elliott, Tampa, have about completed plans for erection of proposed jail.

Architect A. H. Johnson, Tampa, is preparing plans for erection of \$8,000 brick Catholic Church.

TAMPA.—G. W. Judy & Company will erect large cold storage plant and warehouse at Fortune St. and Lozano Ave.

GEORGIA

AUGUSTA.—Architect G. Lloyd Preacher is taking estimates for erection of \$15,000 apartment building for Mrs. C. M. Heffernan.

DALTON.—Smith-Hall Grocery Company will at once erect modern building on Hamilton St.

MACON.—Chamber of Commerce is interested in proposed erection of china factory.

MADISON.—Madison Methodist Church will erect \$25,000 edifice. W. P. Bearden, chairman Building Committee.

ILLINOIS

CAIRO.—Preliminary plans have been prepared for erection of five-story sanitarium on Seventh St. for Dr. A. A. Bandurant.

CENTRALIA.—Citizens have voted bonds to purchase additional school sites.

CHICAGO.—Plans have been prepared by H. B. Wheelock, Schiller Bldg., for construction of \$60,000 addition to Methodist Old People's Home.

CHICAGO.—Plans for \$6,000,000 twenty-one story office building are being prepared by D. H. Burnham & Co., architects, 9 Jackson Boulevard, for Continental and Commercial National Bank, and will be erected at Adams, Quincy and La Salle Sts. and Fifth Ave.

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CHICAGO.—Leo L. Brunhild will erect five-story business block on Halsted St. in near future.

Simon Aikin, 1286 Milwaukee St., will erect three-story \$75,000 building on Milwaukee Ave. M. Spitzer, 145 La Salle St., will prepare plans.

Edw. Menkin is planning to erect two-story building on Seventy-ninth St.

EAST ST. LOUIS.—Winstanley Baptist Church is considering erection of edifice.

MOUND CITY.—Citizens have voted \$7,000 bonds to purchase site and erect school.

ROCKFORD.—Addition, cost \$200,000, will be made to Nelson House at Main and Wyman Sts.

SPRINGFIELD.—Architect George Helmle, 430 S. Fifth St., will prepare plans for erection of proposed Harvard School.

Owens Manufacturing Co., Minneapolis, Minn., is planning to erect factory.

INDIANA

EVANSVILLE.—Salm Bros., 513 Main St., are planning to erect three-story store building at 517 Main St.

EVANSVILLE.—New bids will be asked by Architect F. J. Schlotter for erection of edifice at Walnut St. and Bray Ave. for Olive St. Presbyterian Church.

Plans are now completed for one cottage and one two-story dwelling for the Runnymede Land Co., by Architect Manson F. Gilbert, 202 U. Fourth St.

FORT WAYNE.—Architect C. R. Weatherhogg, Hamilton National Bank Bldg., has about completed plans for \$50,000 addition to Anthony's Hotel, and work on construction will begin within short time.

LAKE.—Bids will be received until July 7 for erecting a two-story and basement school. Brubaker, Stern & Boyle, Architects, 401 Furniture Exchange Bldg., Evansville. S. C. Ferguson, School Trustee.

MICHIGAN CITY.—St. Stanislaus' Church is considering erection of \$60,000 edifice in near future at Ann and Washington Sts.

NEW HARMONY.—Architect Manson F. Gilbert, 202 U. Fourth St., Evansville, has completed plans of church for St. Stevens congregation at New Harmony and bids on it will soon be asked.

SEYMOUR.—Site at Chestnut and Third Sts. has been purchased for erection of proposed federal building.

TELL CITY.—St. Paul Catholic church is planning to erect two-story brick school building, to cost \$26,000.

IOWA

GRISWOLD.—Bids will be received until 10 a. m., July 12, for erection of two-story high school. J. C. Woodward, Council Bluffs, architect.

KEOKUK.—Keokuk Country Club will erect \$10,000 club house. Site has been purchased and plans are being prepared.

OSKALOOSA.—Bids will be received until 5 p. m. July 24 for erection of City hall. T. H. Carlin, City Clerk.

KANSAS

FORT SCOTT.—Plans by Architect J. H. Felt & Co., Shukert Bldg., Kansas City, Mo., have been accepted for erection of proposed \$100,000 high school.

GREAT BEND.—Bids will be received by James Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., until Aug. 2 for construction, complete, of proposed post-office building.

KENTUCKY

LOUISVILLE.—Alex. Meyers will erect two brick houses at Sixth and Magnolia Sts., at cost of \$7,000.

Plans by Architects D. X. Murphy & Bro., 140 S. Fifth St., have been approved by Board of Aldermen for erection of proposed city hospital.

WINCHESTER.—W. R. Sphar, of the Winchester Bank, has plans made for residence to be located on Belmont St.

LOUISIANA

ALEXANDRIA.—C. M. Waters, S. Barrett and others are considering erection of office building at Third and De Sota Sts.

NEW ORLEANS.—City will ask new bids for erecting school in Fourteenth Ward.

W. B. Shelby, Ellisville, Miss., will at once erect large residence on Audubon Boulevard.

MAINE

BANGOR.—Wm. J. Largay is considering erection of brick business block on State St.

MARYLAND

BALTIMORE.—Rev. Gustav A. Briegleb, Pastor of Arlington First Presbyterian Church, is at work on plans for \$30,000 church to replace the present edifice. Architect not yet selected.

Architect Samuel Bernstein has prepared plans for erection of 69 houses on St. Benedict and other streets for W. L. Westphal. Cost about \$76,000.

BALTIMORE.—Tentative plans for a new church to replace building now used as a house of worship by Congregation of St. Margaret's Protestant Episcopal Mission, Kate Ave. and Reisterstown Road, have been prepared by John R. Freund, 210 East Lexington St., Archt. Rev. J. N. Boosey, Pastor.

H. J. Tinley, Architect, 314 N. Charles St., has prepared plans for parsonage for Gatch Methodist Episcopal Church, at Raspeburg.

BALTIMORE.—Baltimore Life Insurance Company, Liberty and Clay Sts., is considering erection of office building at Charles and Saratoga Sts.

BALTIMORE.—C. M. Anderson, architect, 324 N. Charles St., has plans for building to be erected at 322 and 324 N. Howard St. for George W. Hyde.

BALTIMORE.—William and T. Raymond Matthews are each planning to erect residences on the Cool Spring tract on the Severn River.

BRUNSWICK.—Town will soon have high school building. A. W. Nicodemus, Jr., District Commissioner, has ordered A. Cookman Leach of Baltimore to prepare plans. Bids will then be asked for the work.

CATONSVILLE.—Baldwin & Pennington, Architects, have nearly completed the plans for two three-story brick buildings to be erected for the Maryland Hospital for Insane. Cost about \$100,000.

MASSACHUSETTS

BOSTON.—Bids will be received by Capt. A. M. Miller, 263 Sumner St., until 1 p. m., July 14, for erection of addition to post hospital at Fort Strong.

LEICESTER.—Trustees of Leicester Academy have decided to remodel school building and to make many needed improvements within the next year.

LOWELL.—Council is considering \$20,000 appropriation for erection of fire house at Race and Merrimack Sts.

LYNN.—Dr. Geo. E. Cain will erect three-story apartment house on Commercial St.

SALEM.—John E. McKeon will erect vaudeville theater at Washington and Federal Sts.

TAUNTON.—St. Mary's Church, Rev. Dr. Coyle, Pastor, will erect addition to school.

MICHIGAN

BATTLE CREEK.—Women's Christian Temperance Union has \$10,000 available for erection of temple.

DETROIT.—Burrows & Wells have prepared plans for erection of club house for Detroit Tennis Club; also for residence on Taylor Ave., for S. P. Jackson.

BUCHANAN.—Celfor Tool Co. is having plans prepared for erection of factory.

TECUMSEH.—Burrows & Wells, Detroit, have prepared plans of factory to be erected by Uncle Sam Macaroni Co.

MINNESOTA

CALEDONIA.—Bids will be received July 11 for erection of \$15,000 brick and cement jail. J. E. Mason, 622 Corn Exchange Bldg., Minneapolis.

DULUTH.—J. T. Slack is having plans prepared for erection of \$15,000 two-story building.

Architects Kelly & Lingnell, Lonsdale Building, have completed plans for erection of residence in Grand Marais.

ST. PAUL.—E. L. Masqueray, 508 Globe Bldg., Architect, has prepared plans for dormitory at St. Thomas College.

E. H. Bell, of Portland, Ore., is having plans drawn for erection of two-story brick veneer flat building on Dayton Ave., to cost \$10,000. C. A. Pear, 509 Pittsburg Bldg., Architect.

Samuel Fink and John Christensen, 168 West Winifred St., are to erect three-story brick apartment house on Smith Ave., costing \$25,000.

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MISSISSIPPI

GULFPORT.—The Odd Fellows, Knights of Pythias, Woodmen of the World and Knights of the Maccabees will unite in erection of \$25,000 building to be used jointly as a place of meeting.

LAUREL.—First M. E. Church South is having plans prepared for erection of \$30,000 edifice.

MERIDIAN.—Plans are being prepared for erection of \$40,000 edifice for First Presbyterian Church.

MISSOURI

CARTHAGE.—Lanphier Bros. will at once erect \$10,000 two-story building at Fifth and Grant Sts.

SPRINGFIELD.—Frank W. Hunt, Woodruff Bldg., is preparing plans for two-story \$25,000 reinforced concrete warehouse which is to be erected on Phelps Ave. and Jefferson St. for the Estes Warehouse & Transfer Company.

ST. LOUIS.—St. Paul's Episcopal Parish will erect stone edifice after plans by Roth & Study. Rev. Fred. Downlock, Pastor.

NEBRASKA

LINCOLN.—Plans are being prepared for erection of two buildings for Hospital for Insane. Cost, \$100,000. Addison Wait, Secretary, Board of Public Lands and Buildings.

GRAND ISLAND.—Plans have been prepared for erection of \$15,000 hospital building for S. and S. Home. Addison Wait, Lincoln, Secretary, Board of Public Lands and Buildings.

OMAHA.—Independent Realty Co., W. F. Weber, manager, will erect modern six-story hotel at 1019 Farnam St. Barney Gilinsky will erect store building at 814 S. Sixteenth St.

NEW JERSEY

ELIZABETH.—Plans by Architect Louis Quien have been adopted for erection of fire house at High and Port Sts., Third St., Irvington Ave. and Prince St.

JERSEY CITY.—A. Dege, 39 Van Nostrand Ave., will at once erect two two-family dwellings on Culver Ave.

NEWARK.—W. O. Bartlett, 738 Broad St., is the architect of the five-story brick factory that J. Nathaniel Glass will build at 216 High St. Cost \$75,000.

William K. Schoenig & Son, 418 Springfield Ave., are the architects and W. N. Frisch will be the owner of \$10,000 store, of brick construction, to be built on corner of Belleville and Second Aves.

J. O'Rourke & Sons, 11 Clinton St., are architects of the two-family frame dwelling to be erected at Montclair and Woodside Aves., by A. Callan Company.

NEWARK.—Union Brewing Company will expend about \$25,000 for three-story addition to its plant at Springfield and Morris Aves.

NORTH ARLINGTON.—Citizens have voted \$22,500 bonds to purchase site and erect school.

PERTH AMBOY.—Local Eagles are planning to erect two-story home.

PERTH AMBOY.—General Bakelite Company will erect addition to plant on Rector St.

SOHO.—Board of Freeholders has decided to readvertise for bids for erection of proposed Nurses' Home. Hurd & Sutton, 11 Clinton St., Newark, Architects.

WHIPPANY.—Bids will be received until 2 p. m. July 19, for erection of school buildings in this city and at Hanover Neck. Chas. Jones, Architect. J. C. Layer, Morris Plains, can be addressed.

NEW YORK

ALBANY.—Bids will be received by Board of Contract and Supply until July 17, 3 p. m., for construction and completion of new High School Building, at Western, North Lake and Washington Aves. Isadore Wachsmann, secretary.

Green Island Methodist Church is considering erection of edifice.

BINGHAMTON.—Georgian Manufacturing Company has decided to erect two-story concrete brick and steel building at cost of \$18,000. W. J. O'Brien, Manager.

BUFFALO.—Bids will be received until 11 a. m., July 10, for erection of garage at Franklin and Erie Sts., for Police Department. F. G. Ward, Commissioner of Public Works.

BUFFALO.—W. S. Brickel, 595 Ellicott Square Building, has completed plans for \$75,000 four-story and basement apart-

ment building, to be erected at W. Ferry St. and Elwood Ave., for Washington B. French, 23 Bidwell Parkway.

CORTLAND.—Citizens will vote July 11 on erection of two modern schools.

ITHACA.—Bids will be received until noon, July 15, for erection of three buildings at New York State College of Agriculture. Green & Wicks, 10 Franklin St., Buffalo, Architects. E. L. Williams, Treasurer, Cornell University.

KINGSTON.—Plans have been prepared for erection of factory at Smith Ave. and Cornell St. for Mohawk Silk Fabric Company of New York City. Wm. F. Hoehn, Secretary, Chamber of Commerce, has plans.

MATTAWAN.—Architect C. B. Van Slyck has prepared preliminary plans for erection of truck house in Main St. for Willard H. Mase Hook and Ladder Company.

MIDDLFTOWN.—New York Piano Key Company, Hagen & Reufer, proprietors, is planning to rebuild the burned piano factory.

NEW YORK.—Plans have been filed by Architects McKim, Meade & White, 160 Fifth Ave., for erection of four-story \$75,000 dwelling on Morningside Parkway, West of Columbia University.

Architect J. V. Van Pelt, 381 Fourth Ave., has filed plans for erection of four-story church, school and rectory on Fifty-fourth St. for Church of St. Ambrose. Cost \$125,000.

Plans have been filed by Architect A. H. Davies, 258 E. 138th St., for erection of three-story brick store and office building at Third Ave. and 136th St., for North Side Board of Trade Building Company. J. C. Davies, 14 E. Eighty-first St., president.

Henry Ives Cobb has prepared preliminary plans of erection of large office building at Broadway and Sixty-first St., for Wm. R. Hearst.

NEW YORK.—Plans have been filed by Architect A. O. Valentine, 346 Fourth Ave., for erection of twelve-story \$1,000,000 office building at Madison Ave. and Twenty-fifth St., for A. F. Hyde, Liberty St.

Architect H. A. Koelble, 71 Nassau St., has filed plans for erection of two-story \$15,000 parish house on Forty-ninth St. for Roman Catholic Church of the Assumption.

Plans have been filed by Architect G. Koche, 516 E. Seventy-second St., for erection of three-story \$35,000 garage on Fifty-fourth St., for Sebastian Wagon Company, 429 E. Fifty-third St.

Architect Wm. Kurtzer, 192 Bowery, has filed plans for erection of \$7,500 shop on Southern Boulevard for Heintz & Seigel, 160th St. and Third Ave.

NEW YORK.—Architect A. Martin, 34 W. 28th St., has filed plans for erection of five-story fireproof school at 165 Henry St. for Rabbi Jacob Joseph School; cost \$40,000.

Plans have been filed by Architects Moore & Landsiedel, Third Ave. and 148th St., for erection of five-story \$35,000 flat building on Brook Ave. for Kitchen Improvement Co., Andrew Kitchen, President.

Architect Frank Hausle, 81 E. 125th St., has filed plans for erection of two two-story rick dwellings on Oak Drive; cost \$15,000.

Plans have been filed by Architect Wm. H. Whittall, 4180 Broadway, for erection of twelve-story \$750,000 loft building at Fourth Ave. and 25th St. for Armory Holding Company.

Architect Wm. H. Gompert, 2102 Broadway, has filed plans for erection of sixteen-story office and loft building on 32d St. for Cuyler Realty Co.; cost \$600,000.

NEW YORK.—Plans have been filed by Architect G. F. Pelham, 507 Fifth Ave., for erection of two-story \$22,000 garage on Audobon Place for A. Lewisohn, 42 Broadway.

Architect C. B. J. Snyder, 500 Park Ave., has filed plans for erection of six-story school building on Lexington Ave. for city. Cost, \$40,000.

City has filed plans for erection of two-story \$50,000 garage and stable on Twenty-fifth St. I. M. De Varona, Architect.

NEW YORK.—Architect J. A. Darrach, 10 E. 33d St., has filed plans for erection of nine-story \$95,000 apartment house on 60th St. for 128 E. 60th St. Company, 111 Broadway.

Plans have been filed by Architects M. M. & A. Hall, 44 Riverside Drive, for erection of twelve-story \$120,000 loft building on Waverly Place for Jardine, Kent & Hill, 3 W. 29th St.

Architect W. H. Whittall, 55 Liberty St., has filed plans for erection of twelve-story \$500,000 loft and store building at Fourth Ave. and 30th St. for Irons & Todd, 320 Fifth Ave.

Architect Henry Nordheim, 1087 Tremont Ave., has filed plans

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J. B. Martin, Café Martin, is planning to erect \$1,000,000 fifteen-story restaurant and bachelor apartment building on Broadway at Long Acre Square.

ROCHESTER.—St. Stephen's Church is planning to erect edifice at Thorndale Terrace and Chili Ave.

SARANAC LAKE.—Coulter & Westhoff are preparing plans for erection of business block at Main St. and Broadway.

SEA CLIFF, L. I.—Wm. T. Towner, 320 Fifth Ave., has completed plans for erection of 22-room high school.

YONKERS.—Plans by Architect G. Howard Chamberlain, 10 Getty Square, have been adopted for erection of proposed tuberculosis hospital.

NORTH CAROLINA

KINSTON.—Work will begin at once on erection of State School for the Feeble Minded at this place.

RAEFORD.—Bank of Raeford has adopted plans for erection of three-story bank building, Milburn, Heister & Co., Washington, D. C., Architects.

RALEIGH.—St. Ambrose Episcopal Church is considering erection of edifice. Rev. J. K. King, Pastor.

OHIO

BARBERTON.—Miller Brewing Company will at once erect large brick building at Park and Second Sts.

CANTON.—Architects Howard & Merriam, Capitol Trust Building, Columbus, are preparing plans for erection of school building.

CINCINNATI.—John Eggers will erect modern flat building, cost \$10,000, on Prospect Place, Avondale.

CINCINNATI.—Max Kau, 2241 Stratford Ave., is preparing plans for a pressed-brick duplex residence, to be built in Lakewood Ave., for Joseph Smith; he also is preparing plans for a two-story frame residence to be built in Ravine St. for Henry Fuchs.

CINCINNATI.—Architect Philip Pheiffer, 10 E. McMillan St., will at once receive bids for erection of brick warehouse on Findlay St. for Fey's Sons.

Architect Anthony Kunz, Jr., 955 W. Court St., has completed plans for erection of residence on Florida Ave. for Jos. Boss.

CLEVELAND.—Louis Fishel will erect nine-suite apartment house at Wade Park and Addison Road after plans by Architect Theo. Connor, Park Bldg.

COLUMBUS.—Architect Otto Darst, Brunson Bldg., has been selected to draw plans for large concrete warehouse to be erected for Kiser, Houser & Hoe Co.

Richards, McCarty & Bulford, Ruggery Bldg., have been selected as architects for the three-story concrete building to be erected for Vorhs, Sater, Seymour & Pease, on East Gay St.

Architect Otto Darst has completed plans ready for construction of a church building, brick and stone exterior, for the First English Lutheran congregation at Twenty-second and Main Sts. Cost about \$40,000.

CRESTVILLE.—Preliminary drawings for large Crestville school have been submitted to the Board of Education by Architect D. Riebel, New First National Bank Bldg., Columbus. Cost \$125,000.

DAYTON.—Proposed Bonebrake Seminary will be erected at Mt. Auburn at cost of \$200,000.

EATON.—Ohio Iron and Brass Bed Company will at once rebuild plant destroyed by fire.

JERSEY.—Architect H. C. Jones, Desher Blk., Columbus, is drawing plans for two-story brick lodge and store building to be erected for the Odd Fellows.

MASSILLON.—Bids will be received until noon, July 13, for erection of edifice for St. John's Evangelical Protestant Church. K. E. Wilhelm, Architect.

NEW ANTIOCH.—Architects Howard & Merriam, Capitol Trust Bldg., Columbus, are drawing plans for 12-room school building to be erected in this city.

OAK HARBOR.—Evangelical Lutheran Congregation will receive bids until noon July 13 for erection of school. Bernard Becker, 419 Gardner Bldg., Toledo, architect. C. T. Bauch, Chairman, Building Committee.

OKLAHOMA

MUSKOGEE.—Architects Ashby, Radford and Niemann are preparing plans for erection of addition to Hotel Torson at total cost of \$100,000.

OREGON

LAFAYETTE.—Eugene Courtney will at once erect two-story brick block.

KLAMATH FALLS.—Citizens have voted \$30,000 bonds to erect city hall; contract will be let at once.

PORTLAND.—John S. Beall has commissioned MacNaughton & Raymond to prepare plans for four-story office building at Fourth and Washington Sts.

H. W. Fries, of Wakefield, Fries & Co., is preparing to build a five-story \$150,000 building at Twelfth and Washington Sts.

PORTLAND.—Architect Lionel Dean, San Francisco, has been commissioned to prepare plans and specifications and supervise construction of five-story \$150,000 fireproof building, which will be erected at Corner of Twelfth and Washington Sts. for H. W. Fries, of Wakefield, Fries & Co., and Mrs. E. Cramer.

PENNSYLVANIA

ALTOONA.—H. L. Wilson, 908 Eighth Ave., is considering erection of large building.

ASHLEY.—Architects Reilly & Schroeder, Bennett Bldg., Wilkes-Barre, have prepared plans for erection of \$25,000 town hall.

CHESTER.—Chester Lodge, No. 285, Loyal Order of Moose, is planning to erect \$30,000 home.

ERIE.—United Brethren Congregation is planning to erect edifice. Rev. W. B. Nelson, 930 E. Sixth St., can be addressed.

ERIE.—Essenwein & Johnson, 781 Ellicott Square, Buffalo, N. Y., are preparing plans for nine-story and basement hotel to be built at Tenth and Peach Sts., for the Erie Hotel Company. Albert H. Jarecki, President. Cost, \$600,000.

JOHNSTOWN.—Trustees and Advisory Board of Christian Home has decided to build addition to institution. Walter R. Myton, architect.

LANSDOWNE.—H. Taylor Smith, Architect, Philadelphia, is planning \$6,000 three-story brick apartment house to be built for Philip J. Collins.

MARIANNA.—Bids will be received until July 14 for erection of brick church. Address G. D. Tams.

MCKEESPORT.—School Board of North Versailles Township has asked for bids until June 30 for erection of school.

PHILADELPHIA.—Bunting & Shrigley have completed plans for five-story concrete building, at West and South Washington Squares, for Wilmer Atkinson Publishing Co.

City has purchased site at Forty-seventh and Locust Sts., for annex to Thos. C. Price school.

PHILADELPHIA.—The Philadelphia Electric Company is having plans prepared by J. T. Windrim, Commonwealth Bldg., for \$50,000 addition to its plant, at Twenty-sixth and Christian Sts.

George B. Page is designing a residence at Laverock, Montgomery county, for Frederick Rosengarten.

PHILADELPHIA.—Architect E. Allen Wilson, Land Title Bldg., is preparing plans for \$50,000 apartment house to be erected at corner of Fiftieth and Chancellor Sts. for Calvin W. Rogers.

City will erect police station at 1254 N. Twenty-sixth St.

PHILADELPHIA.—Charles H. Wilson, Architect, 1130 Lombard St., is planning stone church to be built at Thirtieth St. and Founders Ave., for the Hosamale Methodist Episcopal Church, the Rev. A. H. Newton, Pastor.

PHILADELPHIA.—Plans for hotel at corner of Broad and Walnut Sts., which P. A. B. Widener will erect and lease to the Ritz-Carlton Hotel Company, have been prepared by Architect Horace Trumbauer, Land Title Bldg.

Cope & Stewardson, 320 Walnut St., are designing a \$65,000 church in Chestnut Hill for Trinity Presbyterian congregation.

PITTSBURG.—J. H. Aiken will build a \$20,000 residence on Beechwood Boulevard, Squirrel Hill, from plans by D. Simpson & Co., Wabash Bldg.

Plans are being made by W. W. Williams for brick synagogue, to be built at Wylie Ave. and Granville St., for the Machsikie Hadas Congregation.

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

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RHODE ISLAND

PAWTUCKET.—Thompson M. E. Church is considering erection of stone edifice. Rev. John L. Wheeler, pastor.

PROVIDENCE.—People's Savings Bank is considering either erection of new structure or remodeling of present building at 26 Market Square.

WOONSOCKET.—The Woonsocket Armory Commission has engaged Gen. W. Howard Walker, 17 Custom House, Providence, as architect for Woonsocket Armory and instructed him to draw plans for granite building.

SOUTH CAROLINA

DARLINGTON.—Plans have been prepared by Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., for erection of proposed \$50,000 post office building.

SOUTH DAKOTA

IRROQUOIS.—Bids will be received by Board of Education until July 20, for erection of \$14,000 school. F. C. W. Kuehn, Huron, architect.

SOUTH CAROLINA

ESTILL.—Architect G. Lloyd Preacher, Augusta, Ga., will take estimates about July 15 for erection of \$10,000 school building.

SUMTER.—Site at Liberty and Sumter Sts. has been selected for erection of proposed hotel. L. D. Jennings is interested. Bids will be received until noon, July 15, for erection of Methodist Church. Wheeler & Stern, Charlotte, N. C., Architects. L. D. Jennings, Chairman, Building Committee.

TENNESSEE

ALEXANDRIA.—Plans are being prepared for erection of school. O. P. Barry, Chairman, Building Committee.

JACKSON.—Presbyterian Church has decided to erect edifice.

SOUTH PITTSBURG.—Stock company has been formed to erect hotel. City Judge W. M. Cameron is interested.

TEXAS

CLEBURNE.—Bids will be received by James Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., until July 25 at 3 p. m. for erection of post office.

CORSICANNA.—Bids will be received until noon July 11 for erection of auditorium building for I. O. O. F. Home. Lang & Mitchell, Dallas, Architects. W. W. Clopton, Secretary Board of Trustees.

CORPUS CHRISTI.—Independent School District will vote July 18 on \$50,000 bonds to improve schools.

DENTON.—College of Industrial Arts will at once erect \$5,000 home on the Campus for the President of the institution.

DUBLIN.—Citizens will vote Aug. 5 on \$45,000 bonds to erect high school.

EL PASO.—Council has passed ordinance for issuance of \$50,000 bonds to erect and improve public school building.

FORT WORTH.—City and County are considering erection of joint hospital at cost of \$40,000.

HILLSBORO.—Hillsboro District of M. E. Church, South, has decided to erect parsonage of the presiding elder.

KURTEN.—Bids have been asked by Trustees of School District for erection of school.

SAN ANTONIO.—Bids will be received until 8 p. m. July 10 for erection of building for Hermann Sons Home Association. A. T. Herrmann, 524 Moore Bldg., architect. T. Windlinger, 105 Vilita St., Grand Secretary.

SANGER.—Bids will be received until July 1, for erection of brick school building. Waller & Field, 209½ W. Eighth St., Fort Worth, Architects.

WAXAHACHIE.—Council has adopted plans for erection of two school buildings.

UTAH

MONROE.—Architects Watkins, Birch & Kent, Salt Lake City, have prepared plans for erection of \$20,000 L. D. S. meeting house.

SALT LAKE CITY.—Plans by Architects Eldredge & Chesebro have been accepted for erection of proposed \$500,000 high school; bids will be asked at once on excavation work.

VIRGINIA

BROOKNEAL.—Williams Bros. will at once erect two-story building.

NORFOLK.—Architects Ferguson, Calrsw & Taylor, Law Building, have prepared plans for erection of \$8,000 club house on Botetourt St.

Bids have been rejected for erection of fire department station at Williams Ave. and Twelfth St.; new bids will be asked.

PORTSMOUTH.—Architect B. F. Mitchell, Seaboard Bank Bldg., Norfolk, is now drawing plans for \$50,000 banking house which the Bank of Portsmouth is to erect at the corner of High and Middle Sts.

WASHINGTON

NORTHPORT.—F. G. Slocum is having plans prepared by Stritesky and Rooney, Architects, Empire State Building, Spokane, for erection of \$25,000 home.

NORTH YAKIMA.—First Congregational Church is considering erection of edifice. Rev. E. A. King, Pastor.

SPOKANE.—Orris Dorman has had plans prepared for erection of \$100,000 apartment house at Monroe St. and Sixth Ave.

SPOKANE.—Congregational Society on South Hill is considering erection of chapel.

SPOKANE.—J. E. Horton, Proprietor of City Market, at Corner of Second Ave. and Stevens St., has plans for large addition to present city market building, which will probably be erected this fall.

Citizens will vote July 18 on \$100,000 bonds to erect fire station and \$650,000 to erect city hall.

TACOMA.—Chicago, Milwaukee and Puget Sound Railroad will at once erect large warehouse.

WEST VIRGINIA

HUNTINGTON.—John S. Marcum will erect large home on Fifth Ave.

WISCONSIN

MILWAUKEE.—The Berean Presbyterian congregation is planning to erect church at Walker St. and Thirty-second Ave., at a cost of \$11,000.

Architect C. W. Valentine, 1138 Wells Bldg., is preparing plans for a residence to be erected at Donges Bay for Jacob Donges.

Plans have been completed by Architect William Herbst for a duplex flat to cost \$8,000 for Mrs. A. Kresse, at Twentieth and Greenfield Aves.

H. C. Hensel, Caswell Block, is drawing plans for electric theater building to be erected at Sixth and Greenfield Aves., at cost of about \$8,000.

Architect W. L. Hess is taking bids for erection of \$10,000 moving picture theater at Twenty-seventh St. and Lisbon Ave., for West Side Amusement Company.

RACINE.—Martin J. Gillen is planning to erect modern theatre building at Main, East State and Second Sts.

WAUSAU.—Van Ryn & De Gelleke, Caswell Block, Milwaukee, will prepare plans for erection of proposed \$50,000 city hall.

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NOTICE TO CONTRACTORS

PROPOSAL FOR THREE BUILDINGS, CORNELL UNIVERSITY, ITHACA, N. Y. Sealed proposals will be received by the Treasurer of Cornell University, Ithaca, N. Y., up to 12:00 Noon, Saturday, July 15th, 1911, at which time they will be opened and read publicly at the Treasurer's Office, for the entire work comprised in three fireproof buildings for the New York State College of Agriculture, Ithaca, N. Y.

Each proposal shall be accompanied by a certified check or cash deposit in an amount equal to 5% of the amount of each proposal, and the contractors to whom the awards are made will be required to fur-

nish one or more surety bonds in an amount equal to 50% of the amount of the contract, within 30 days from date of notice of award of contract. Failure to furnish bond within the specified time will cancel the notice of award and cause forfeiture of certified check or cash deposited with bid.

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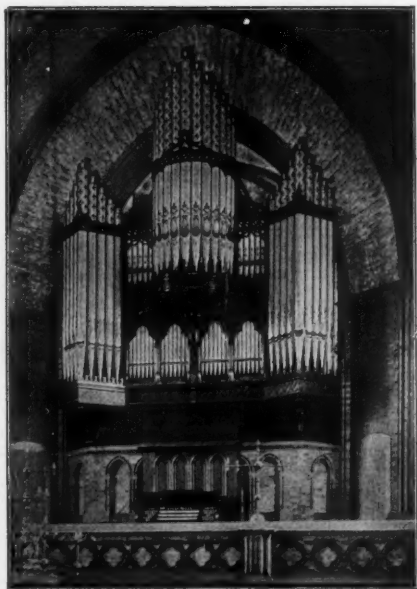
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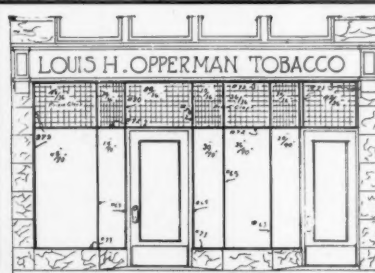
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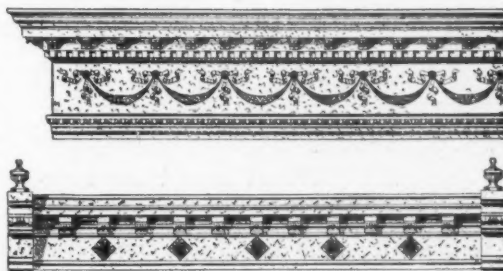
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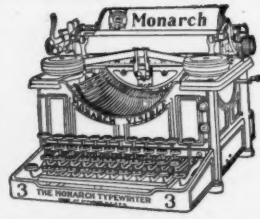
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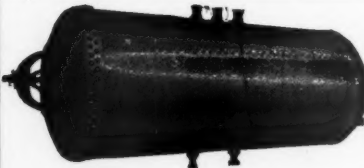
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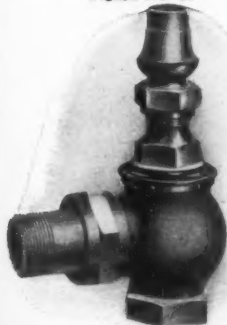
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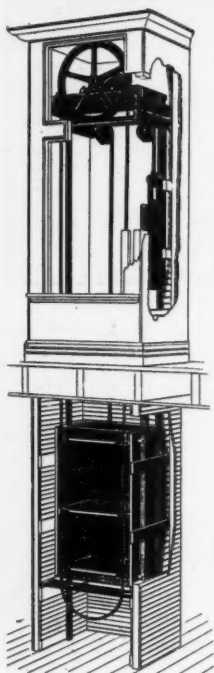
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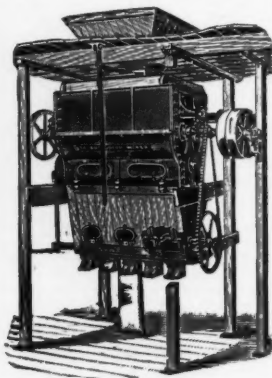
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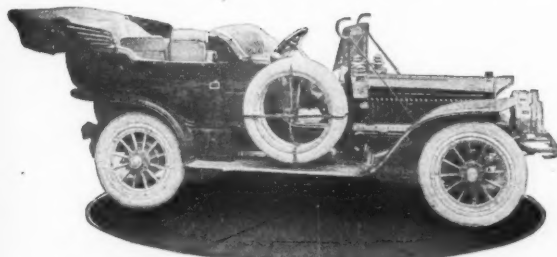
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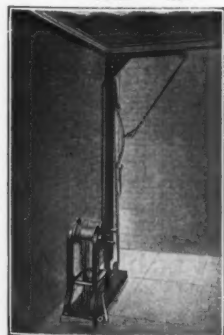


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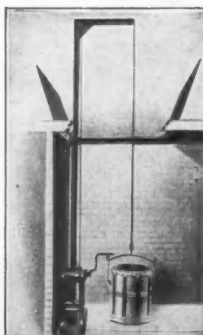
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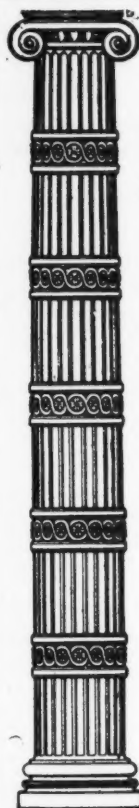
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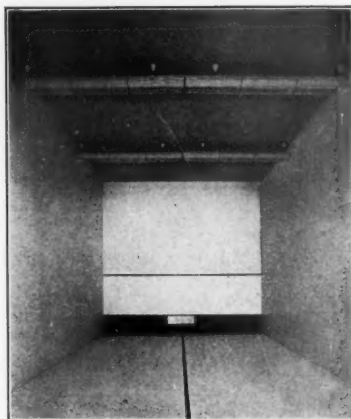
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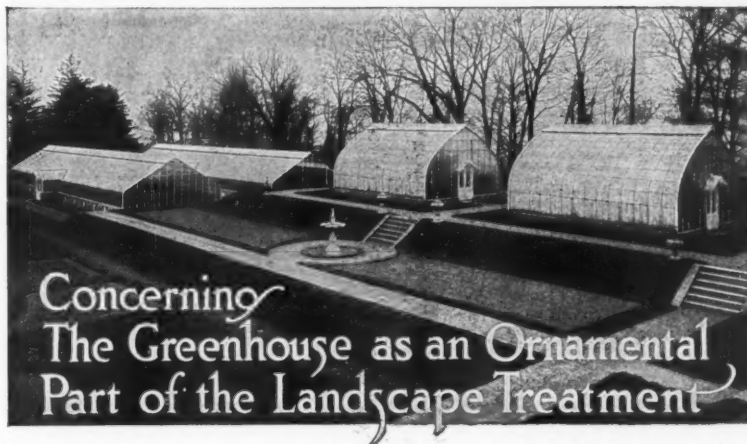
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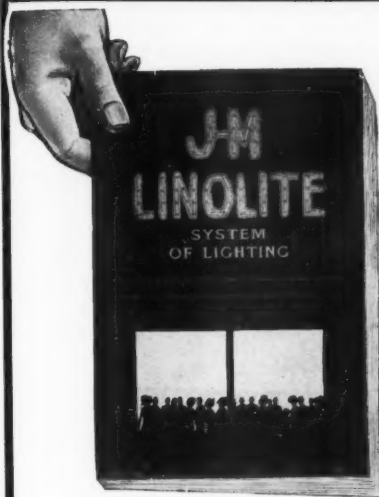
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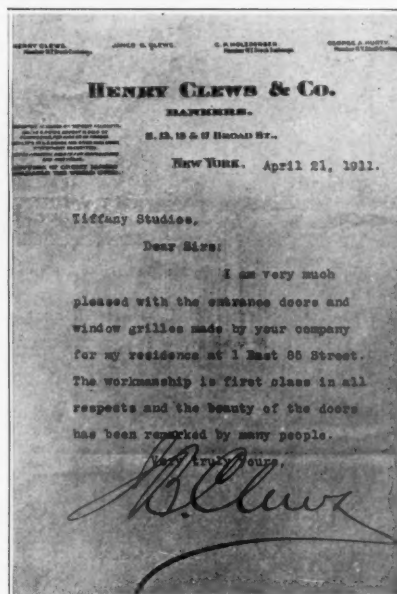
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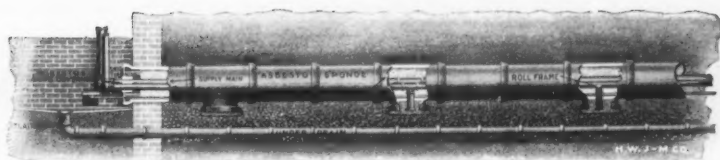
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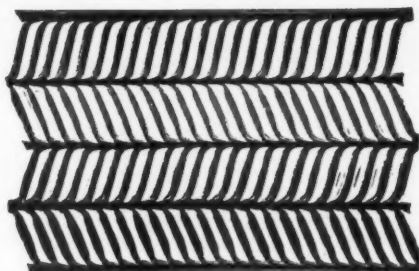
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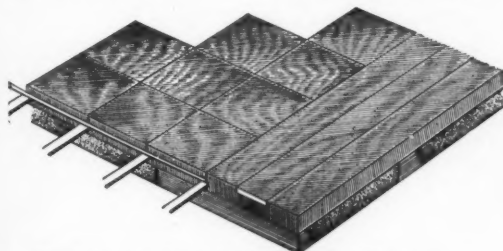
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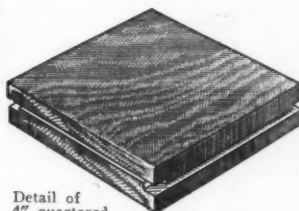
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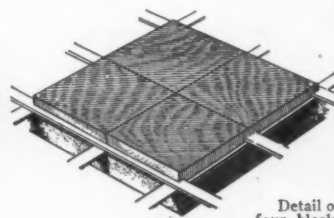
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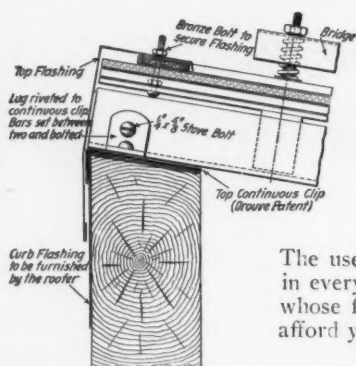
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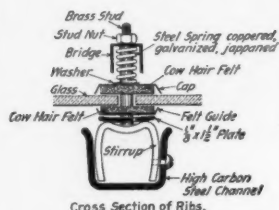
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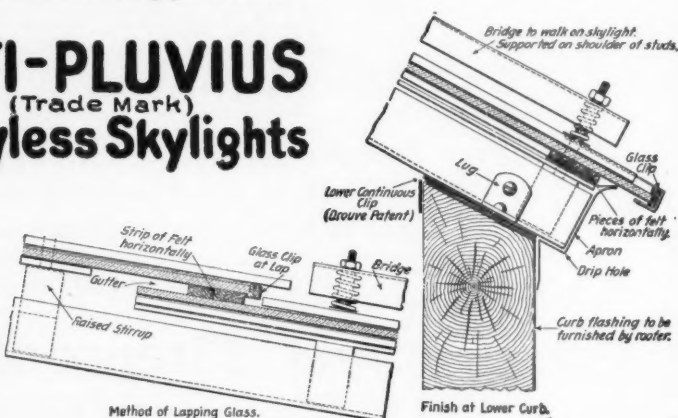
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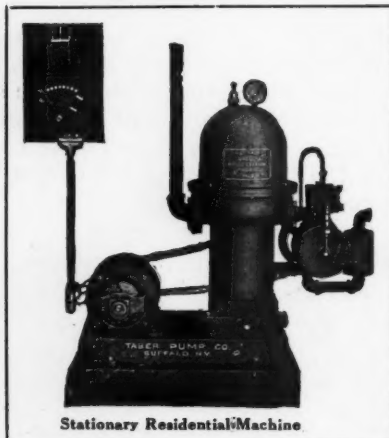
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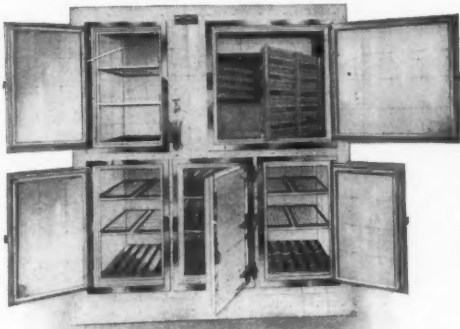
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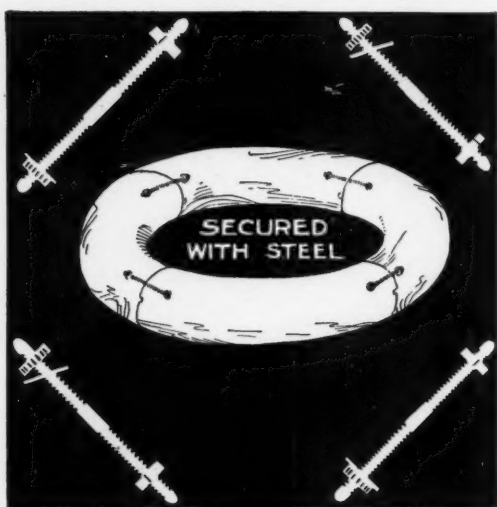
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¶ A means for tightening packing without removing fixture.

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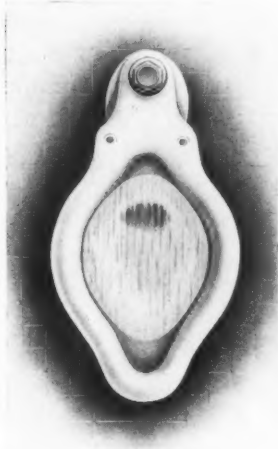
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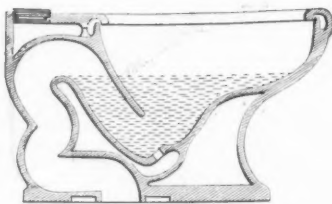
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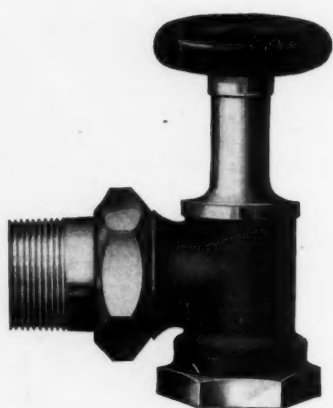
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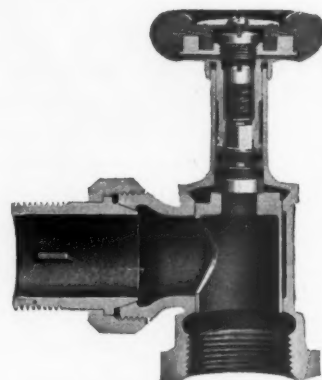
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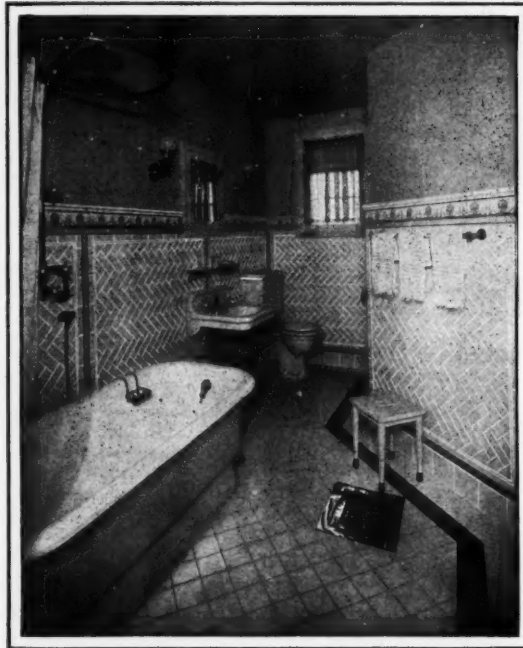
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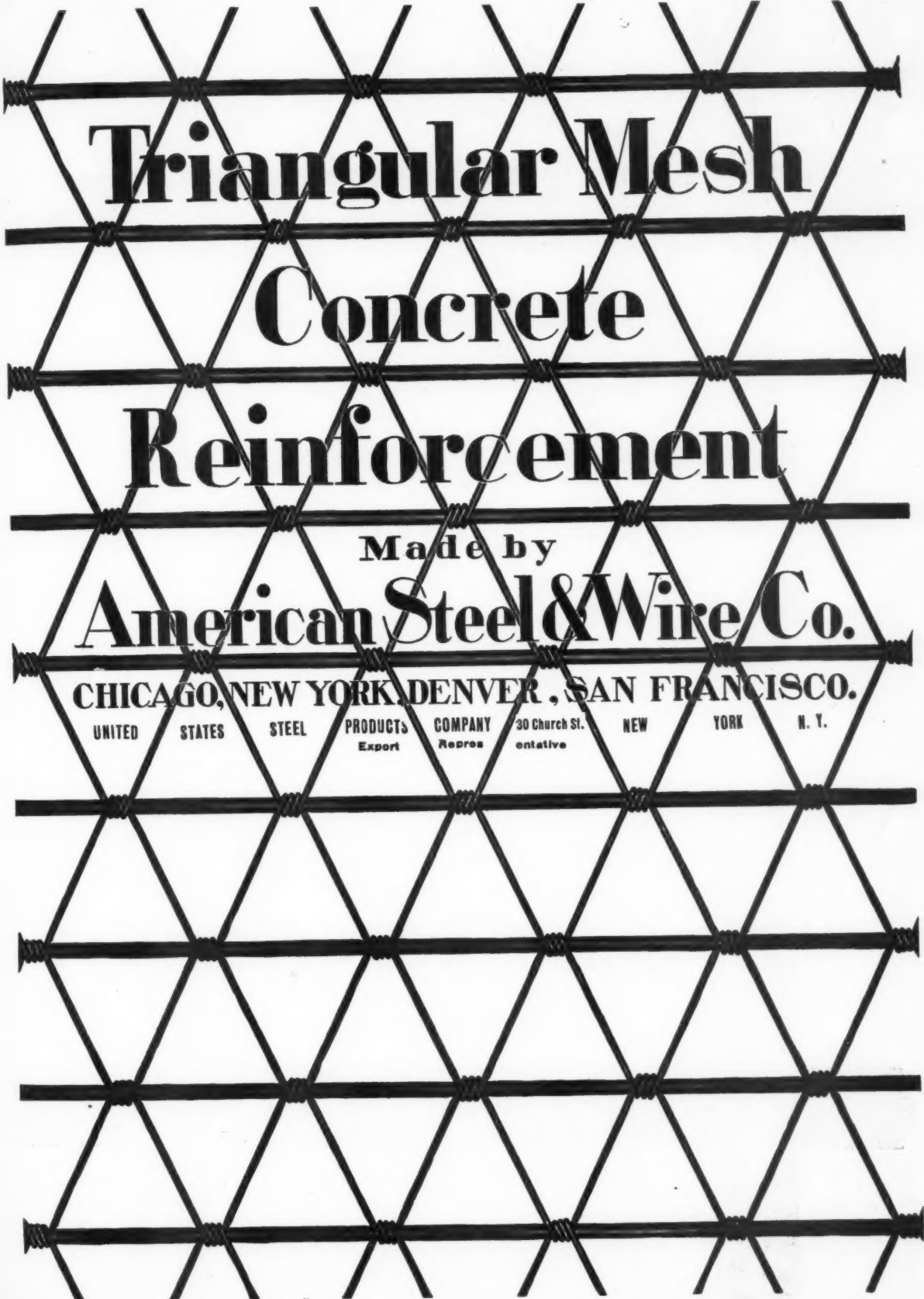
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Glazing Bar with
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But to *clean the tops of 3,500,000 books* and the nooks and crannies *between and behind them*.

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This cleaning problem was solved by the installation of a **RICHMOND** Vacuum Cleaning System.

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Just as the mortise lock made rim locks a thing of the past, just so is the **"RICHMOND"** Concealed Transom Lift superseding the poor, old-fashioned, exposed push-rod.

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But, unlike the mortise lock, it marks a *mechanical* improvement as great or greater than its improvement in *looks*.

The old-style push rod is mechanically wrong—wrong application of power—you never can tell which it will do—stick, jam or slip.

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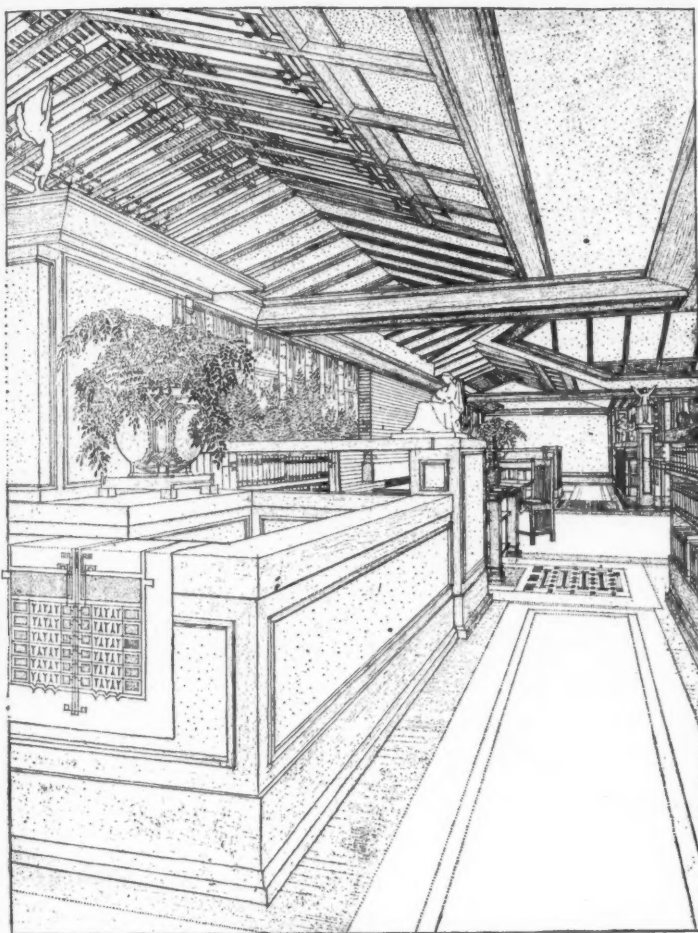
The only visible thing is the knob—the same kind as is used on the door lock.

A turn of the knob moves the transom—and wherever it is left, it is locked—positively, automatically locked—locked against breezes, locked against intruders.

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No. 132 Green Weathered Oak

No. 121 Moss Green
No. 122 Forest Green
No. 172 Flemish Oak
No. 178 Brown Flemish Oak
No. 120 Fumed Oak

We suggest the following specifications for finishing soft woodwork:

For a Natural Finish apply a coat of Johnson's Paste Wood Filler No. 10 and then two coats of Johnson's Prepared Wax. For a higher gloss than a waxed finish apply one coat of Johnson's Under-Lac over the filler and then one coat of Johnson's Prepared Wax.

For Colored Effects apply a coat of Johnson's Wood Dye, the desired shade, followed by two coats of Johnson's Prepared Wax. For a higher gloss apply one coat of Johnson's Under-Lac over the Dye and then one coat of Johnson's Prepared Wax. In either of the above instances if a varnish finish is desired, apply one coat of varnish over the Paste Wood Filler, Dye or Under-Lac.

Requests for further information, either general or applying to any particular wood or work, will be welcome.

Johnson's Wood Dye must not be confused with ordinary stains. The difference between the two is highly important.

Stains produce an opaque effect, diminishing the distinctness of the grain of the wood and accomplishing one result only at the expense of another of equal, if not greater, importance.

Johnson's Wood Dye produces a transparent effect, heightening the beauty of the grain as it colors the wood.

You have seen the result of ordinary attempts to stain soft woods—the clouded, muddy effect thus produced.

In your very thought that deplored such results was the wish for something that would accomplish just what Johnson's Wood Dye does accomplish.

Take advantage of the fact. Try it on some piece of work you have in hand; some unimportant piece, if you are skeptical.

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Johnson's Wood Dyes are made in fifteen shades.

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Hallway of Mr. Wm. Sloane's Residence at Mt. Kisco, N. Y.

Painted throughout with Dutch Boy Painter White Lead. *Delano & Aldrich, Architects*

A Beautiful Finish for Inside Wood Work

"All interior wood work which requires an especially fine finish shall be treated as follows:

(a) New wood work must be smooth, dry and cleaned of all dust before painting. Apply first a coat of orange shellac, thinned with grain alcohol. Let the shellac harden 24 hours and sandpaper off. Apply a coat of paint composed of Dutch Boy Painter white lead and pure linseed oil mixed according to formula No. 19a (see below). When dry and hard, putty defects with a pure linseed oil putty composed of equal parts of white lead and whiting.

If desired, one part powdered litharge to five parts each of white lead and whiting may be added, except on light-tinted work.

(b) Old wood work must be sandpapered until all varnish or other gloss has disappeared and then rubbed absolutely smooth with fine pumice and water. Apply one coat of paint composed of Dutch Boy Painter white lead and pure linseed oil mixed according to formula 19b (see below). Putty defects as described above.

(c) From this point new and old work shall be treated alike. When first coat is dry rub down with No. 0 sandpaper. Repeat coats of formula No. 19b (see below), as many times as is necessary to bring the surface to clear white with no dark places showing through.

(d) Next, make an enamel by adding Dutch Boy Painter white lead to light enamel varnish in the proportion of three pounds of white lead to one gallon of varnish. Break up the white lead with a little turpentine to a thick paste and then mix well with the varnish. Apply as paint. After the enamel is dry, rub down with pumice in water and apply a second coat of the same enamel.

This completes full gloss finish.

For silk finish rub down the last coat with fine pumice in rubbing-oil, clean off and finish with rotten stone in oil. Polish finally with a flannel rag. (Or, expense of rubbing down last coat may be avoided by applying one coat of dead varnish.)

To obtain old ivory effect, tint last flat coat with just enough raw sienna to turn it off the white, before applying the enamel. The enamel coats must be tinted in like manner."

Formulas for Inside Wood Work—Special Finish

(19a) First Coat—New Work

100 pounds Dutch Boy Painter white lead,
1 gallon pure raw linseed oil,
2 gallons turpentine, 1 pint light drier.

(19b) First Coat—Old Work

100 pounds Dutch Boy Painter white lead,
2 gallons pure turpentine,
1 pint light enamel varnish.

The Dutch Boy Painter Specification

contains the foregoing instructions for painting interior wood work where an unusually fine finish is desired. This specification not only covers interior work, but every other form of painting, and has been arranged in compact form to enable the architect to specify, without entailing a great deal of unnecessary labor, for a painting job that will result satisfactorily to all concerned.



The painter is given clear-cut and well defined instructions to carry out, though of course he is allowed to use his discretion in regard to the consistency of the paint, which must vary according to the surface painted, conditions of the climate, temperature, etc.

Every architect should use this specification if he would be sure of a satisfactory painting job.

Copies of the Dutch Boy Specification will be sent free to architects writing to our nearest branch.

National Lead Company

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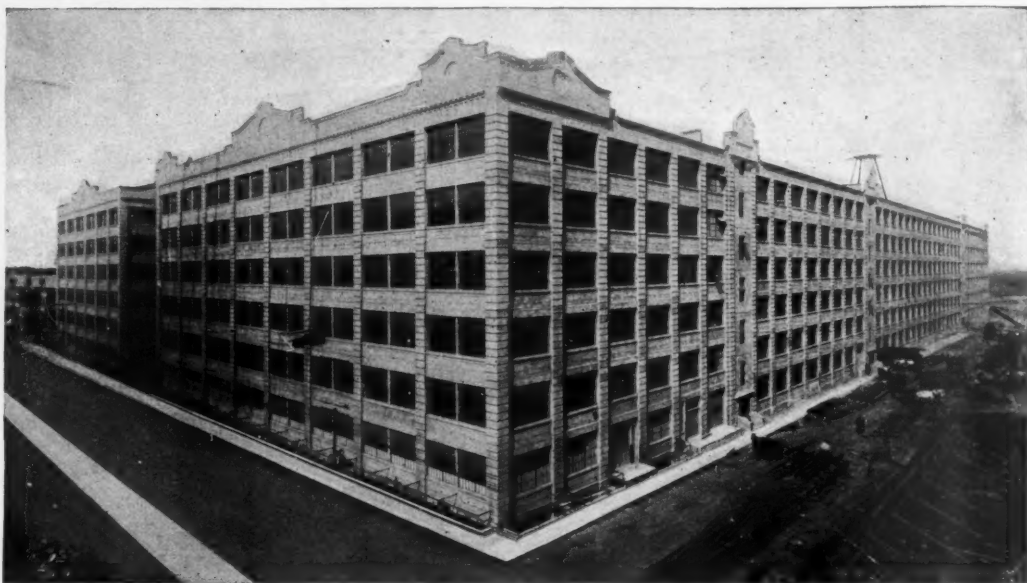
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United Steel SASH

are made of deep rolled steel sections of exceptional strength and rigidity. The joints are not weakened by cutting or punching. Ventilators are large and wide, with double, circular-surface joints to shut out drafts and weather. Special spring clips provide improved method of glazing.

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Trussed Concrete Steel Co.
 DETROIT, MICH.

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HY-RIB for SIDINGS and ROOFS

HY-RIB For Sidings provides a monolithic concrete wall at half the cost of brick. No centering or studs are required.

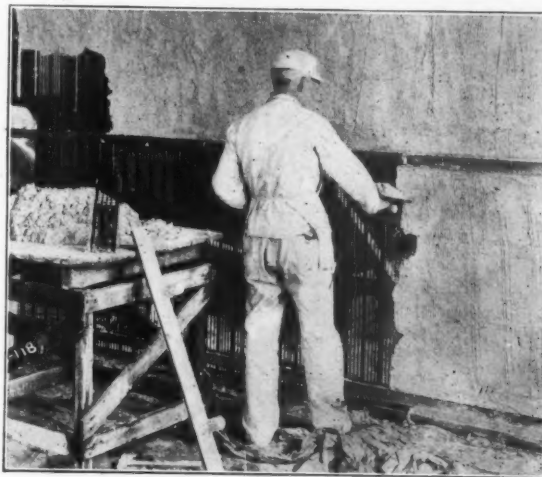
HY-RIB For Roofs saves money and makes possible stronger and lighter construction—Reduces dead-weight and does away with centering.

Hy-Rib for Partitions

Hy-Rib actually costs less than lath and channels, besides saving all of the expense and labor of wiring lath to studs. Hy-Rib partitions occupy a minimum space, increase the available floor area and have exceptional strength and rigidity. Merely set up the Hy-Rib sheets and plaster both sides and the partition is complete. Hy-Rib does away with the use of studs.

Hy-Rib for Ceilings

HY-RIB does away with the channels and T's required in metal lath ceilings. Merely attach the HY-RIB to lines of supports, spaced 3 to 5 feet apart. HY-RIB ceilings are exceptionally strong and rigid.



HY-RIB for Partitions—No studs required.
Note grounds for chair-rail and base board.

HY-RIB HAND BOOK FREE

contains complete specifications, all details and numerous illustrations.



HY-RIB is a steel sheathing with deep stiffening ribs.



Trussed Concrete Steel Company
DETROIT, MICH.

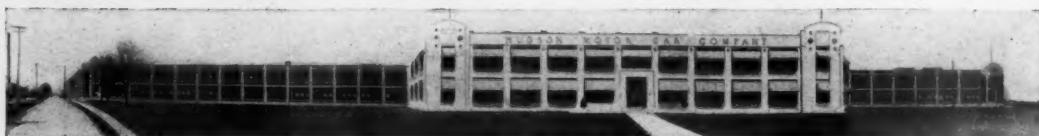
KAHN SYSTEM OFFICES IN PRINCIPAL CITIES





FRONT VIEW OF THE FORD MOTOR CO. PLANT, DETROIT, MICH. ALBERT KAHN, Architect

Kahn System of Reinforced Concrete used throughout.



FRONT VIEW, HUDSON MOTOR CAR COMPANY'S PLANT, ALBERT KAHN, Architect

Kahn System of Reinforced Concrete used throughout.



FRONT VIEW OF CHALMERS MOTOR CO. PLANT, DETROIT, MICH. ALBERT KAHN, Architect

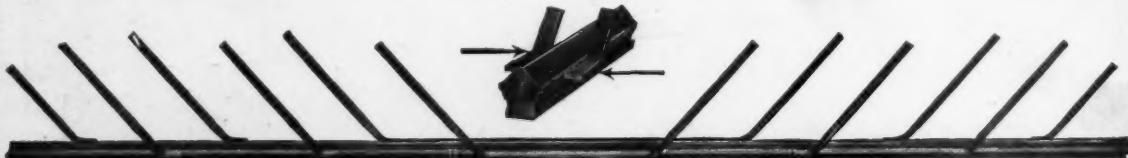
Kahn System of Reinforced Concrete used throughout.

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Kahn System Building Products are a complete line—each product especially designed and developed for its particular uses—no makeshifts. Kahn System Experience covers over 5,000 important buildings in all parts of the world and is at your service at all times. Kahn System Service insures correct and accurate results in preliminary work, in erection, drawings, and in the actual construction.

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