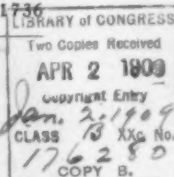


# THE AMERICAN ARCHITECT

Vol. XCV.

WEDNESDAY, MARCH 31, 1909

No. 1736



## The Small-Scale Model in Architecture

THERE are indications that the American architect is beginning to regard the scale model as an aid to design ranking with the rendered elevation and the perspective.

Only a few years ago the plaster model at a small scale was an architectural curiosity. One came upon a specimen now and then, but only in the largest offices, and then in connection with work of unusually great cost or importance. The model was regarded as a luxury, to be indulged in only upon state occasions.

Very different is the attitude of American architects to-day regarding this form of representing a design. The model has come to be regarded more nearly a necessity than a luxury. It is no longer a toy; it has become one of the most important means of studying a design. In the old days, the model was made after the design had been studied to its last refinement on paper; the model was the building itself in miniature. Now, on the other hand, it is merely a study, made, in many cases, in an early, plastic stage of the design. It seldom represents the building as it will eventually be erected; it is rather a representation, in three dimensions instead of two, of a period in the growth of the design toward its ultimate refinement. Take, for example, the Municipal Office Building for the City of

New York. The work at the present writing is in its earlier stages, yet the model of the tower, illustrated herewith, is the second one that has been made. Upon its high pedestal it stands in a draughting room of the architects' offices, merely as an aid to further study.

Differing greatly from the first model of the same subject, it marks a single phase in the progress of the design—an easily understood representation before the eyes of the men who are striving always toward its improvement.

Or, again, take the model of the Metropolitan Building. A comparison with the new tower itself would reveal many differences. Two or three models of the top portion have been made in the course of the work on the drawings, and the structure itself, nearing completion, shows improvements upon them all—due very largely to the employment of the three-dimension studies. In this particular problem the models were of unusually great assistance to the designers, because of the fact that the tower is not a perfect square. It is rectangular in plan,

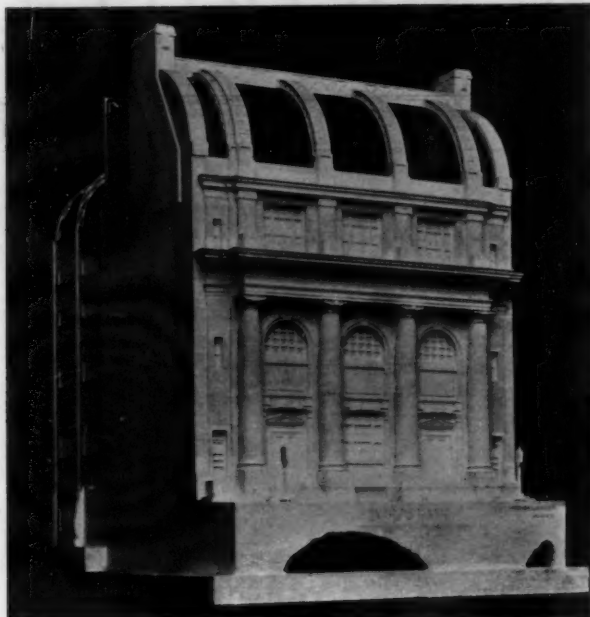


METROPOLITAN BUILDING AND TOWER, NEW YORK

MESSRS. N. LE BRUN & SONS ARCHITECTS

with one edge some ten feet longer than the adjoining one, necessitating a difference in angle between the adjacent sides of the pyramidal member near the top. The transition from this form to the circular members at the extreme top was a problem that



PUBLIC BATHS AND  
GYMNASIUM, NEW YORKMESSRS. WERNER & WINDOLPH  
ARCHITECTS

almost defied solution in the common forms of representation, such as direct elevations and perspectives. A scale model, however, brought about the proper solution without difficulty.

Every architect, of course, has schooled himself to think in all three dimensions while he is drawing in but two—to that end descriptive geometry has been held to be an absolutely essential part of the curriculum in all of the architectural schools. The man who cannot readily visualize in three dimensions the masses that he expresses in flat elevation—their relative positions in space, the contour of their intersecting planes, the approximate appearance of the ensemble from any point of view—will never be a great architect. Granting this, it may be asked, "Why, then, has an architect any need of the model?"

The answer is that the model is an invaluable check upon the results obtained in flat drawing. An engineering firm would never think of allowing to go out a set of drawings representing the deductions of even the head engineer as to how the stresses and strains should be met. The sizes of angles and plates, the location of rivets, the thickness of web plates, must be checked over, again and again. In the same way the results of all design in the flat need checking up. No matter how clearly a designer can picture to himself the depth of his reveals, or the appearance of a pier when viewed from the corner, a model will show it all to far better advantage and will permit of far greater refinements in proportion.

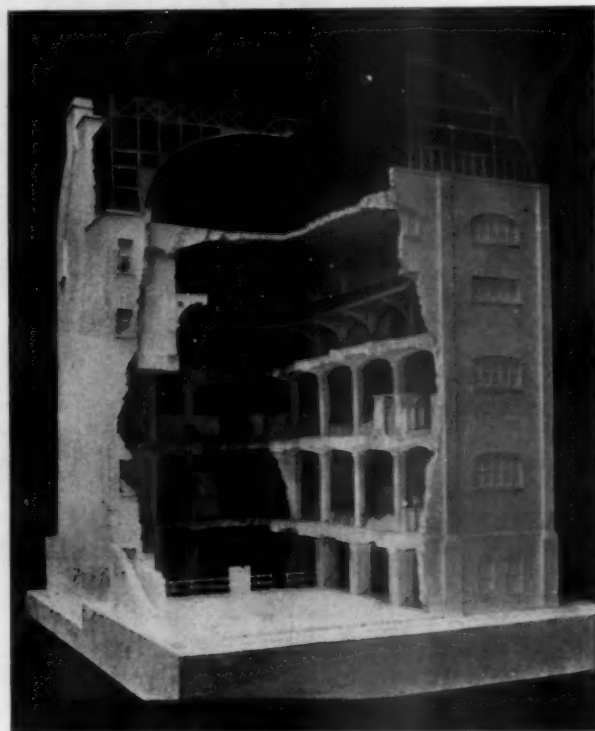
For the Frenchman the elevation and the plan stand supreme. In them he stakes all. His work succeeds or falls short just in so far as he has been able to supply in his mental picture that missing third dimension. His use of the model as an aid in design is almost negligible.

Nor does the Englishman employ the model to any appreciable extent. In his case, however, elevations and

plans do not suffice; he must make his studies in perspective as well. And doubtless to his facility in perspective drawing is due much of that charming feeling for proportion that distinguishes the English domestic work. One almost never sees a hard, angular country house in England; there is always the soft roundness of mass, the flowing quality in roof lines, the "growing-out-of-the-ground" feeling, that could never result from study merely in elevation and plan.

To the American architect there seems to come no such inherited skill in perspective drawing. By him a perspective is too often regarded merely as a necessary evil—something that has to be gotten out to show the client what he is getting in the way of a building. As a means of studying mass and proportion the perspective has not had the consideration it deserves. The growing popularity of the plaster model may foreshadow the perspective's further decline. It is such an easy matter to order a model made—provided always that the size of the commission warrants the expense. Then, too, with a model we need not be content with the perspective's single point of view—there is an infinite number of views to be had for the walking around.

One drawback is the expense. The work involved in most of the models here illustrated was far more than one would expect from a hasty inspection. The model of the Public Baths Building, for example, showing both the façade and the minute details of running-track, shower baths, and locker-rooms in the interior, was four months in the making. The model of the Metropolitan Building, with all the detail represented in a building facing on four streets and with its forty-six-story tower, cost in the neighborhood of four thousand dollars.

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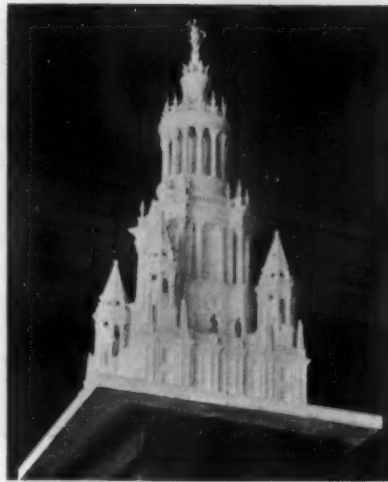
CEILING FOR THE NEW THEATER, NEW YORK  
MESSRS. CARRÈRE & HASTINGS, ARCHITECTS

It might be well to suggest at this point, however, that a model made for the sole purpose of study need express very little more than the mass itself, like the rough-sketch model of the sculptor, leaving to the drawings the study of the finer detail and ornament, where the third dimension is not of such paramount importance.

The matter of full-size models is closely related to the one under discussion. Sculptural details, of course, are nearly always studied in this form, and the practice is becoming quite general of criticizing these details in position on the building.



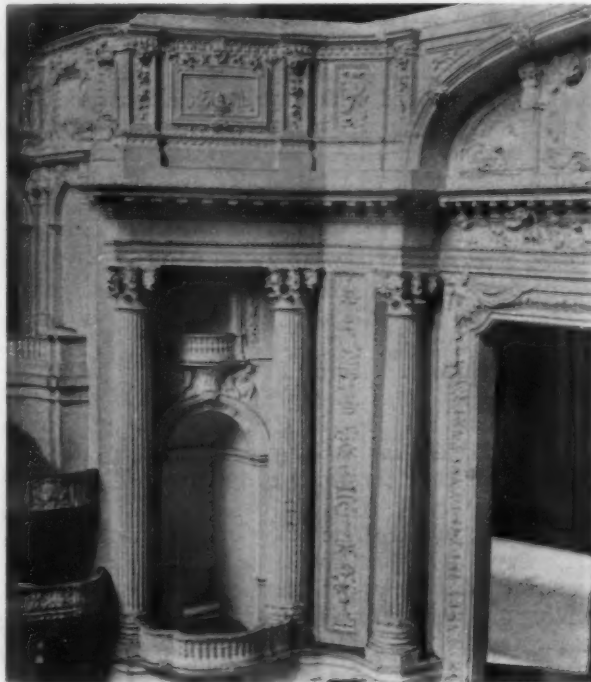
THE BRYANT MEMORIAL, NEW YORK CITY  
MESSRS. CARRÈRE & HASTINGS, ARCHITECTS



MUNICIPAL BUILDING TOWER, NEW YORK  
MESSRS. MCKIM, MEAD & WHITE, ARCHITECTS

There are several instances where it has been thought expedient to carry this practice to the extent of erecting a full-size model in stucco of a portion of the building. This was actually done in the case of the New York Public Library, where a whole bay was modeled in stucco on the spot.

Another instance where it was proposed to carry on the study to this extent was in Mr. W. S. Eames' suggestion of some years ago in connection with the proposed alteration of the East Front of the Capitol. In view of the inherent defects of elevation drawings, perspectives, and even of



INTERIOR DETAIL, THE NEW  
THEATER, NEW YORK

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ARCHITECTS



MANTEL IN  
CAEN STONE

MESSRS. YORK & SAWYER  
ARCHITECTS

scale models, where the latter may show too much of the work at a glance, and in view also of the importance of the building and the necessity for doing nothing that could possibly mar its beauty, Mr. Eames advised the appropriation of one hundred thousand dollars to pay for the execution in staff of the advisory architects' scheme.

The present statue of "The Republic," in the *Place de la Nation*, Paris, as well as Bartlett's "Lafayette," were for long represented by full-size models. And the Dewey Arch in New York was nothing more. Richardson often erected a section of wall at full size for the sake of a more certain means of study.

The model has evidently come to stay. As a convenient means of advanced study in refinements, and as

a valuable check upon the drawings, it deserves the attention of the whole profession.

It has been suggested in these columns that there is a real need in America, which these scale models might well fill. In the event of the necessary demolition of historical landmarks having exceptional architectural beauty, a record of these in plaster might well be kept in a national museum. It would be a collection of never-failing interest to both architect and layman, that would contain models at a uniform scale of the great buildings of this country. The new Council of Fine Arts might well be given the control of such a collection, passing upon all candidates for admission, and removing in time, when it saw fit to do so, those models which had lost their value for permanent records.



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## PROPOSED BUILDING FOR COUNTY SAVINGS BANK, CHELSEA, MASS. MR. FRANK A. BOURNE, ARCHITECT.

The main entrance is on the center of the Broadway side, opening on the right into the savings bank and on the left into a store which may at any time be converted into an extension of the bank. In the center is a stairway giving direct access from Broadway to the apartments or offices on the upper floors.

The bank is arranged with a public space close to the entrance and with accommodation for the treasurer to the right and light iron screens for the tellers immediately beyond. This working space and the vault can be clearly seen from the street through the window and at the same time the public space is somewhat shut off from view. There is a passageway leading through a gate to the president's room on the Hawthorne Street side. This room is lighted by a large window, and through the open doors and glazed screen is given a direct view of the working space and all the banking room clear to the Broadway windows.

From the president's room there is a door leading into a large circular directors' room which also opens into the banking room at two points. This has a small ante-room, or consultation room, worked out in the peculiar angle left in the corner of the lot.

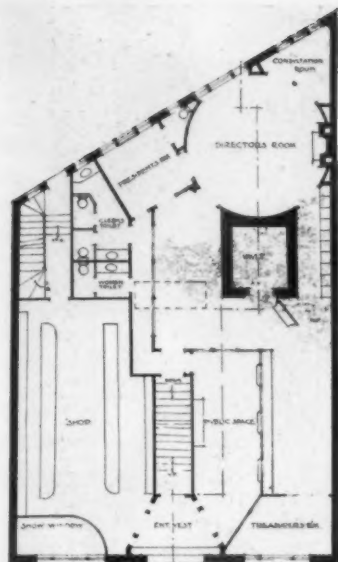
There is a large fireplace in the directors' room. A private toilet is provided, opening from the president's room. Private rooms for the clerks and for women are provided, which are reached from the passageway. There is also a staircase from this passage to the basement, which is under control of the bank.

In the basement, which is lighted by sidewalk lights, there is, in addition to the space for the bank, a janitor's room and a storage vault under the vault above. Under the store there is a large basement and on the Hawthorne Street side a boiler room with coal space under the sidewalk. The toilets for the store and the janitor are in the basement.

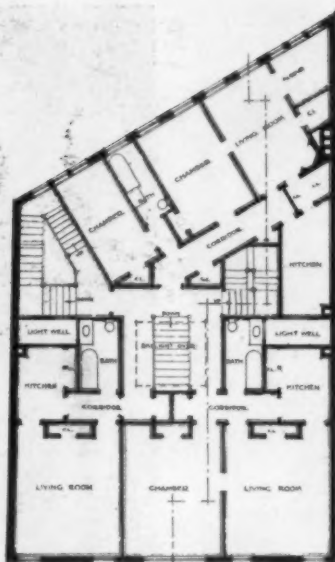
On the second floor are three apartments, one overlooking Broadway consisting of two rooms, bath and small kitchen, a bachelor's apartment with one room, bath and kitchen, and a larger apartment overlooking Hawthorne Street consisting of three rooms, bath and a small kitchen.

There are two separate exits from all floors, one to Broadway and one to Hawthorne Street. These rooms are arranged so as to get satisfactory and symmetrical lighting on the interior while giving a picturesque effect to the façade. It can be seen at a glance that these spaces, with slight alterations, would make very good offices for physicians or for other purposes, as they are well lighted and ventilated.

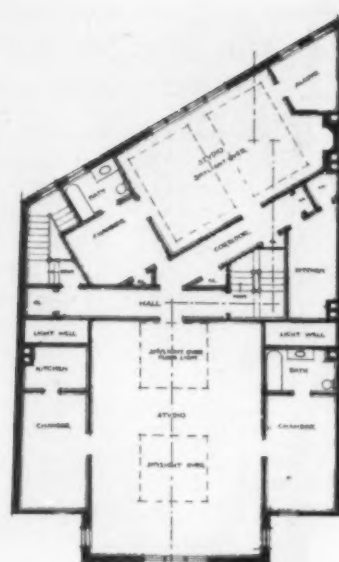




FIRST FLOOR PLAN  
SCALE 1/4" = 1'-0"



SECOND FLOOR PLAN  
SCALE 1/4" = 1'-0"



THIRD FLOOR PLAN  
SCALE 1/4" = 1'-0"

On the third floor are two studios, the one in Broadway, 22 x 28, having also two bedrooms, a bath and a small kitchen, and the one on the Hawthorne Street side, 23 x 21, having the same number of small rooms. These studios would let to people who would like a large and interesting living-room if they did not go to photographers, artists or musicians.

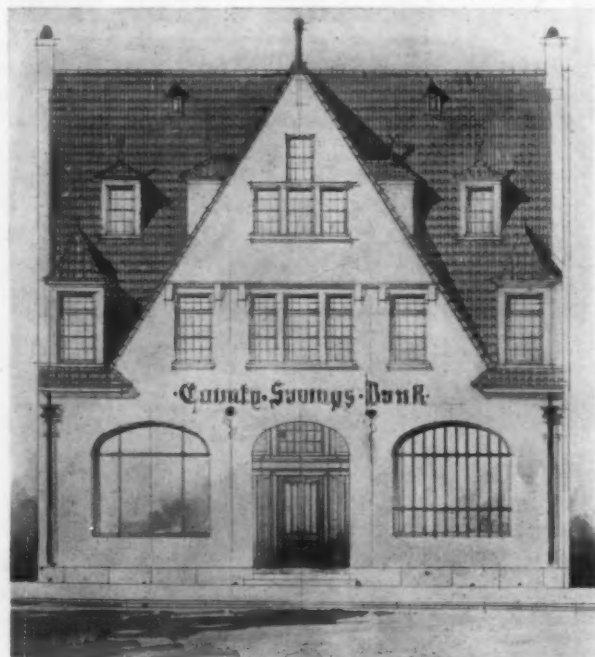
The exterior treatment of cement and tile lends itself very economically to a fireproof construction and gives an interesting and striking color note that will not be easily forgotten by the customers of the bank.

The alternative sketch is on the conventional classic bank lines. The rear elevation on Hawthorne Street

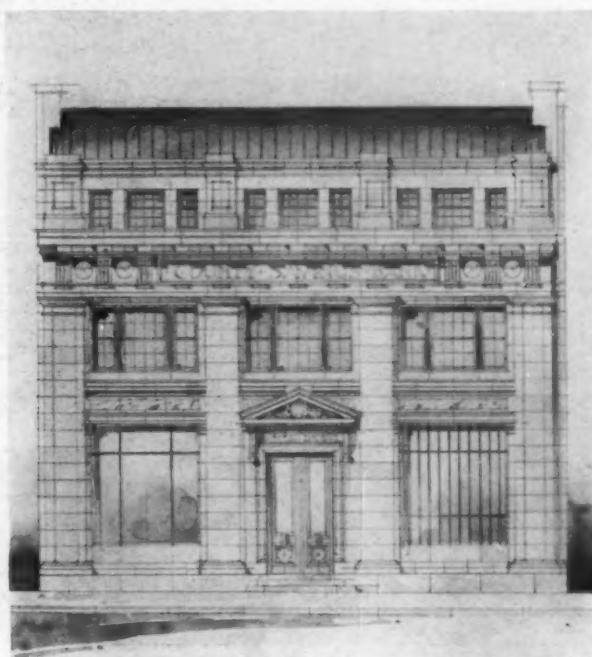
will prove simple and inexpensive, but is carefully studied to obtain good proportions.

It was the wish of the directors of this bank to have a building quite simple and inexpensive, but striking and different in design from the conventional bank building. It was therefore suggested to carry out the design on German lines using stucco and tile as material of construction; suggesting the high gable front of the older German towns, but keeping the front low enough to accent the first story. The upper floors were to be used as living floors by officers of the bank.

It is interesting to compare the effects of the alternative elevations for use with the same plan.



ACCEPTED DESIGN



ALTERNATIVE DESIGN

**THE GREAT HALL OF THE COLLEGE OF  
THE CITY OF NEW YORK. MESSRS.  
GEORGE B. POST & SONS, ARCHITECTS**

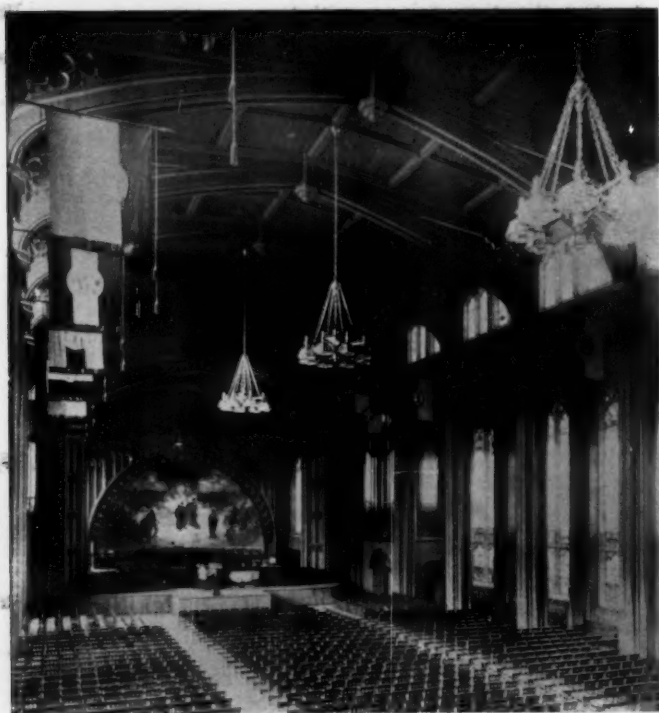
One of the most striking features of the large group forming the City College is the Great Hall. When the matter of an appropriation for the buildings was under consideration by the City's Board of Estimate and Apportionment, it was suggested by Comptroller Grout that the city really needed a large hall, of suitable size and appropriate dignity of design for public meetings. There was no hall available for such purposes larger than the aldermanic chambers. Mr. Grout's suggestion resulted in the architects' being instructed to embody in the City College design a hall that would be of such size and scale as to conform to this need of the city. The result is the Great Hall, the interior of which is illustrated in the accompanying photographs. It extends back from the large tower—the most prominent feature of the great group of buildings, and measures 175 by 90 feet in plan, with a height of 65 feet. The Hall will seat 2,300 people.

Throughout the room the prevailing color is the warm yellowish brown of walls and plastered shafts. Above, the dark ceiling of oak boards is laid on the sturdy framework of Tudor-arched trusses, purlins and cross braces. These trusses, in the spandrels, are picked out in gold and subdued color. Between them hang the massive lighting fixtures of satin-finished brass, the heavy chains supporting groups of electric lamps under hoods of opalescent glass.

Along either side of the Hall is a comparatively narrow aisle between the shafts supporting the clere-



DETAIL OF ORGAN BAY.



THE GREAT HALL, COLLEGE OF  
THE CITY OF NEW YORK

MESSRS. GEORGE B. POST  
& SONS, ARCHITECTS

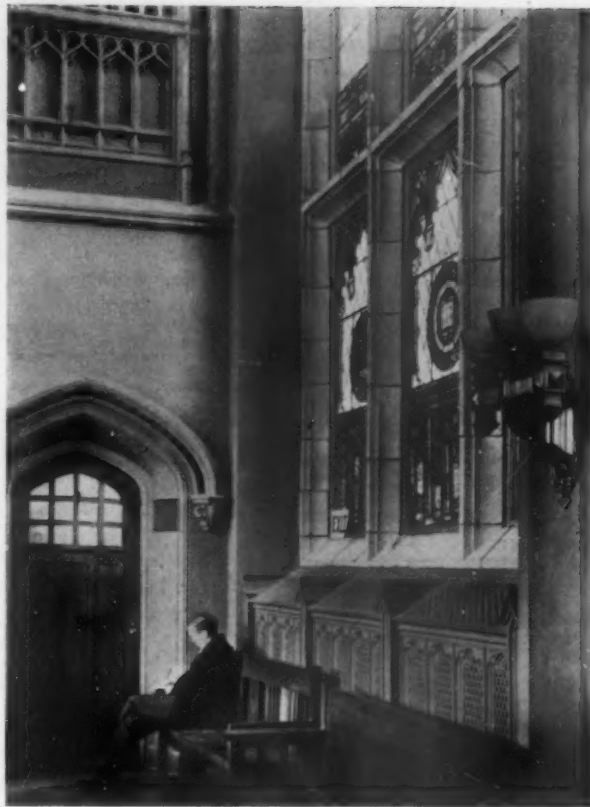
story wall and the outer wall. The latter, from the Gothic style of the exterior of this, as well as of the entire group of buildings, consists largely of the great mullioned windows. Stained glass is used in these most effectively and with a restraint that seems in excellent keeping with the character of the building. On the lower portions, as will be seen from the illustrations, there is a band of geometric leading, with color, above which appears a series of the seals of the more prominent American universities, colleges and institutes. In the upper parts the plain diamond-leaded main portions give way to the more elaborate pattern with color, serving to make more harmonious the transition to the tracery that crowns the mullions.

At the front of the hall a covered lunette, bearing the great mural painting by Mr. Edwin H. Blashfield, serves as the focal center of the auditorium and incidentally as a reflector of sound from the speakers' rostrum. The painting is generally recognized as one of the great mural works of America. The strength and dignity of the composition, dominated by the great seated statue of Wisdom, the effective lighting directly from the central altar, and the strong chiarascuro in the color scheme of grays and luminous reddish high lights, all combine to give the painting the compelling force that is needed in the focal point of such a large room.

Mr. Blashfield's conception has the great merit of being easily understood. There is

none of that shadowy vagueness about it, so common in the mural work of those who seem afraid of real definition and real sunshine. Stretching in a semicircle from the central figure of Wisdom are the seated personifications of the great centers of learning—Leyden, Paris, Cordova, Alexandria, Heidelberg, Oxford, Rome, Bologna, Paris and Athens—all intent upon the Alma Mater in front, presenting to the student the torch and the scroll. In front of the seated universities and out toward the ends of the painting are grouped the immortals in learning, ancient and modern. Lavoisier, Democritus, Shakespeare, Sir Isaac Newton, Galileo, Beethoven, Michael Angelo, Democritus of Abdera, Augustus Caesar, Petrarch and Lord Kelvin, all watching with interest the ceremony of graduation. To the right of the center, dominating the foreground, stands Discipline, and in the darker lower corners of the composition are grouped the students, representing all sides of the college life.

At the rear of the Hall two balconies extend straight across the width between the lines of the clerestory columns. Their fronts and under surfaces are of plaster, paneled and painted to simulate wood. It seems most unfortunate that the appropriation for the work could not have been enlarged sufficiently to enable the architect to carry out the design as intended. That such a magnificent conception should have to be marred by a sham of this sort is to be deplored. Its presence in the balconies, where it is near enough at hand to be noticeable, leads the observer to suspect also the integrity of that fine old oak ceiling and even its trusses.



AT THE FRONT END OF THE AISLE.



THE AISLE FROM THE REAR OF THE HALL.

A brilliant note of color is introduced in the banners hanging at each column. They are not mere applied decoration, either, since each bears the arms or seal of one of the great centers of learning—a suggestion analogous to Mr. Blashfield's painting, manifesting the universal bond of brotherhood in the dissemination of knowledge.

Throughout the whole room all of the details have been designed to carry out the Collegiate Gothic atmosphere in the fullest way. The treatment of the radiators is an instance that is made clear in the pictures—how they are made unobtrusive under the windows. Again, the chairs have been especially designed, as in fact was all the furniture throughout the college. They are of oak, finished in a soft brown that brings out the full beauty of the grain.

An organ—probably one of the largest in the country—is disposed symmetrically at either side of the front. Its pipes are of satin-finish bronze, relieved by the dark oak tracery of their setting.

#### CALIFORNIA'S BUILDING ACTIVITY.

Reports from California show an encouraging amount of new building activity. For the month from Jan. 29 to Feb. 28 permits were issued for the following amounts in various cities: San Francisco, \$2,296,109; Los Angeles, \$584,470; Oakland, \$373,349; San Diego, \$220,310; Sacramento, \$75,456, and Stockton, \$31,225. The total value of permits since the fire now reaches \$128,514,575.



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March 31, 1909

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State Armory, White Plains, N. Y. (4 pages).  
Clarendon County Court-house, Manning, S. C. (2 pages).

### Frontispiece:

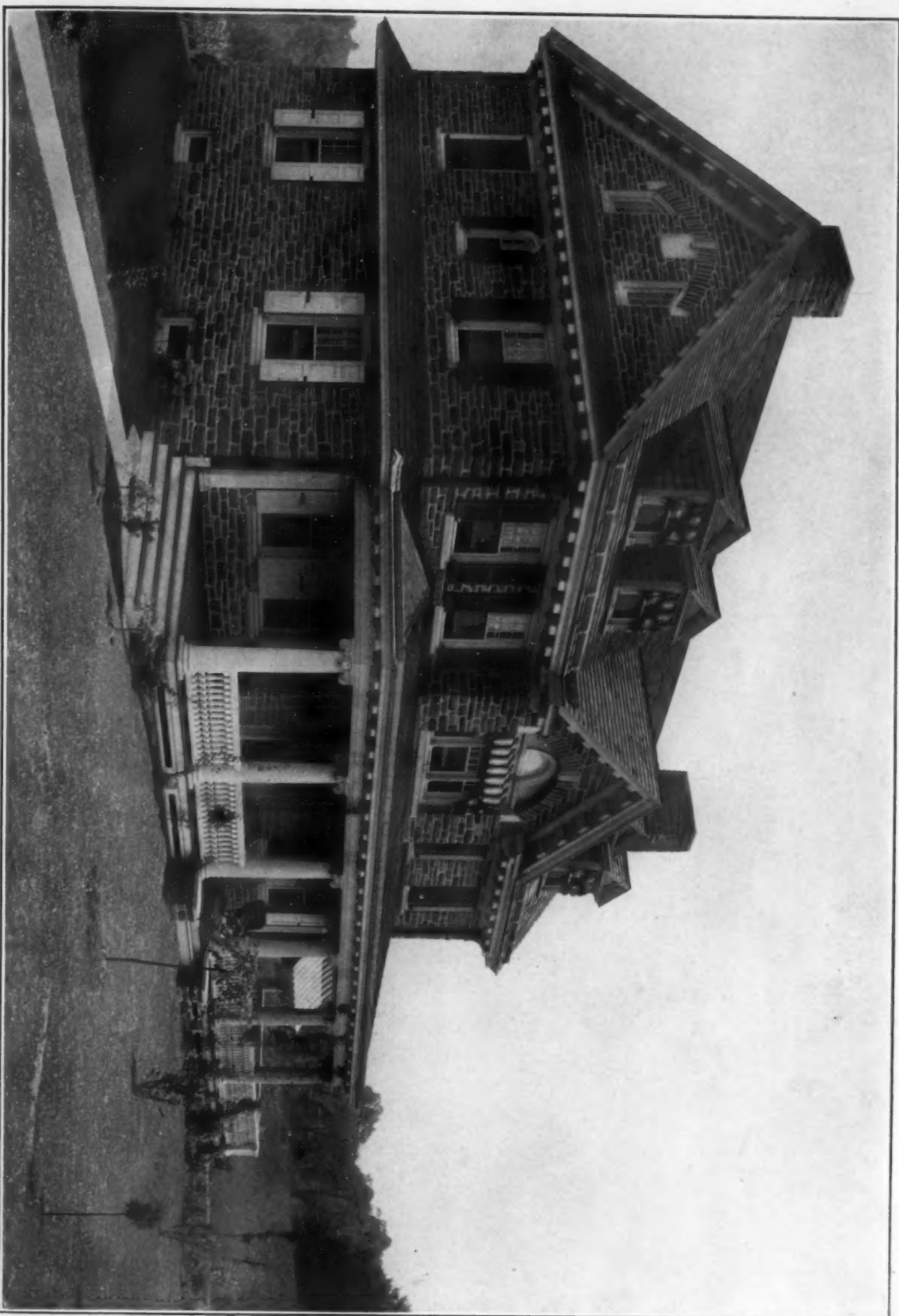
Ruins of the Abbey, Siena, Italy.

THAT an era of great business activity is really upon us is shown by a summary of reports from nearly half a hundred cities of importance throughout the country. The reports compare the amounts of new business, as shown by the cost of buildings for which permits were issued, in the month of February last and in the same month a year ago. In but five cities only has there been a decrease, while the percentage of gain throughout reaches the gratifying amount of 132. The totals for the two months in all the cities reach the enormous amounts of \$19,715,440 and \$45,834,003 respectively. All previous records are exceeded in New York's showing, the gain being 372 per cent. It is an easy matter for anyone to prophesy an era of good feeling and material prosperity, but it remains for actual figures, such as these, to bear out such a conclusion and bring conviction in Show-me Land.

WHILE the project for the erection of a salon for the National Academy of Design in Central Park continues to command the attention of public-spirited citizens of New York and the surrounding country, it can hardly be said that any new or particularly potent arguments have been advanced since the

measure was first submitted for consideration by either its advocates or opponents. In fact further study and contemplation appears to have generally led to reiteration and emphasis in stating advantages and objections that were perfectly obvious at the outset. It is strikingly noticeable, however, that practically all of the arguments in favor of the invasion of the park are founded upon the assumption that it is a case of Central Park or nothing; and, moreover, they appear to disregard or are oblivious to the exceedingly unattractive feature of the dual character of the proposed building. Of course the assumption is entirely unwarranted, and well calculated to deceive, but the actual conditions should not be lost sight of or allowed to become obscured. It is perfectly feasible and entirely possible not only to secure the erection of a building for the Academy uses elsewhere in this city but to secure one more accessible, one infinitely better suited to the purpose by reason of its lack of restricting dimensions, one in fact truly adequate and fitting, and one not marred in both purpose and appearance by the indescribable characteristics that are inseparable from a police station. The requirements of the case would seem to demand, first, the defeat of the present unfortunate and ill-advised project; second, vigorous, constant and well directed efforts of all parties and persons interested in the future artistic welfare of the country, in securing the coöperation of public-spirited citizens of means, whose assistance will make possible a proper and deserved fulfilment of the hopes and ambitions of the Academy for a fitting future home.

IT is positively appalling to consider the weight of responsibility put upon the architect by the public in the matter of guessing. A client comes to an architect with the request to design for him a house that shall contain so many rooms, of such and such sizes, and with an equipment and finish that shall be thus and so. In the course of time the design reaches its preliminary stage of completion, where all requirements have been met, the plan is satisfactory, and the details of heating, plumbing, lighting and finish are roughly determined. Then comes the demand upon the architect's guessing power; the owner wants to know just how much it all will cost. In a case at hand the architect had applied the usual rules of thumb, estimated the building's cubical contents, multiplied it by a cost price per cubic foot obtained in previous experience with the same kind of work, and registered his "guess" as \$12,000. The work went ahead; the working drawings, scale details and specifications were made and put out for bids. And here comes the real point: With all the data before them, with rigid specifications and full details, the eight contractors submitted bids ranging from about \$11,000 to \$16,000. There is no moral; the point we want to make is that accurate guessing is an attribute of the practising architect that is occasionally overlooked. Among the almost innumerable branches of knowledge in which he is called upon to be fully equipped, from the theory of acoustics to the extermination of red ants, dependable-guesswork occupies an important place.



HOUSE OF J. H. JEFFERIS, ESQ.  
WAYNE, PA.

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ARCHITECT



First Floor Plan.

HOUSE OF J. H. JEFFERIS, ESQ.  
WAYNE, PA.

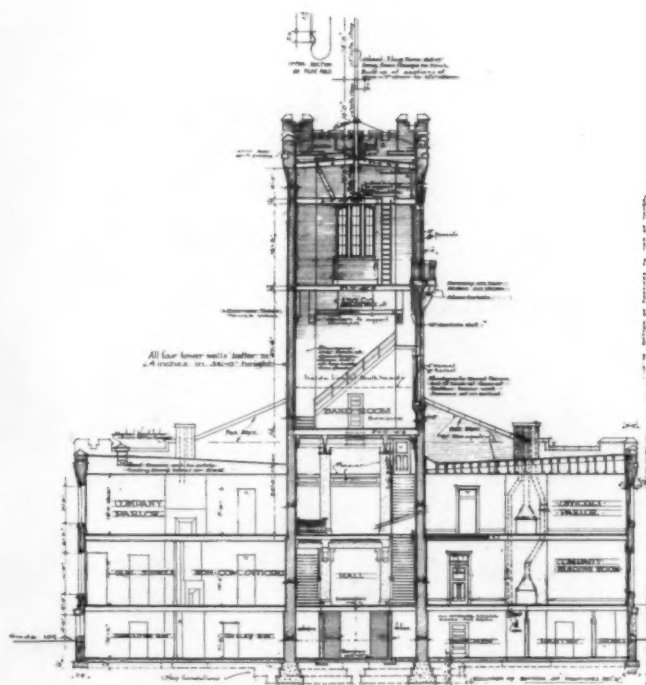
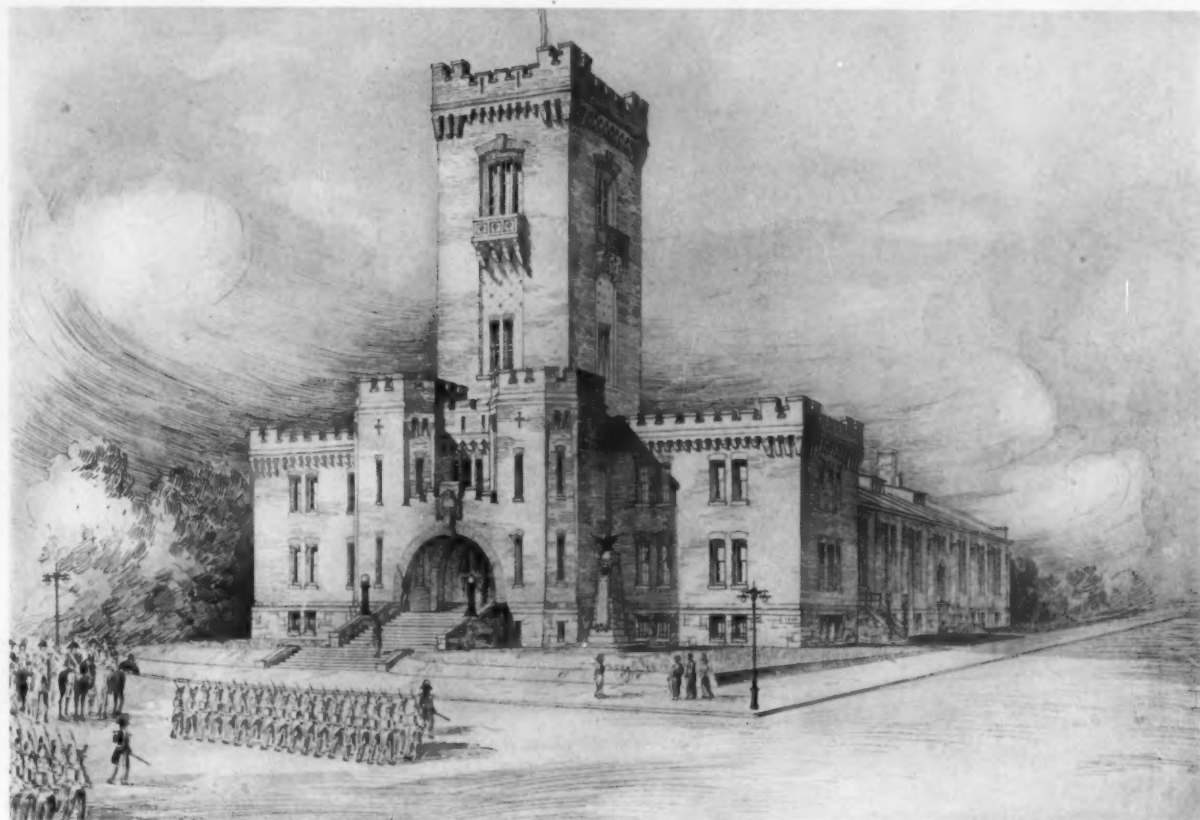


Second Floor Plan.

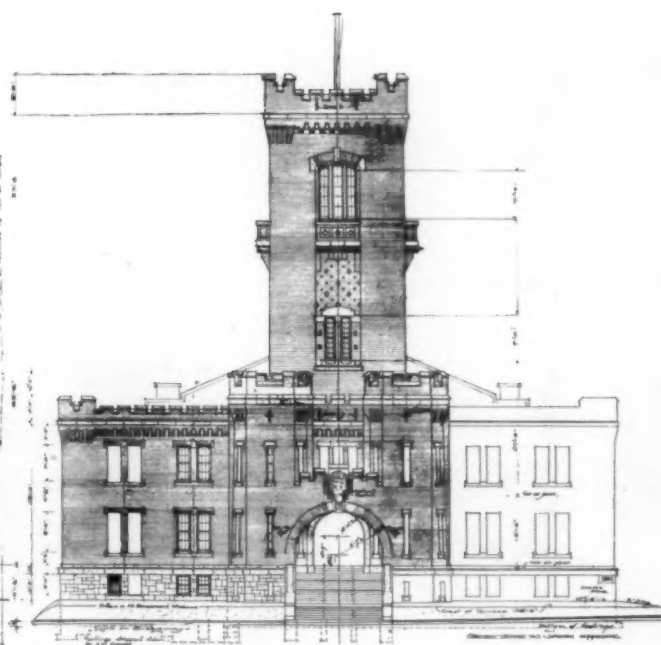
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TRANSVERSE SECTION THROUGH ADMINISTRATION  
PORTION AND TOWER & A

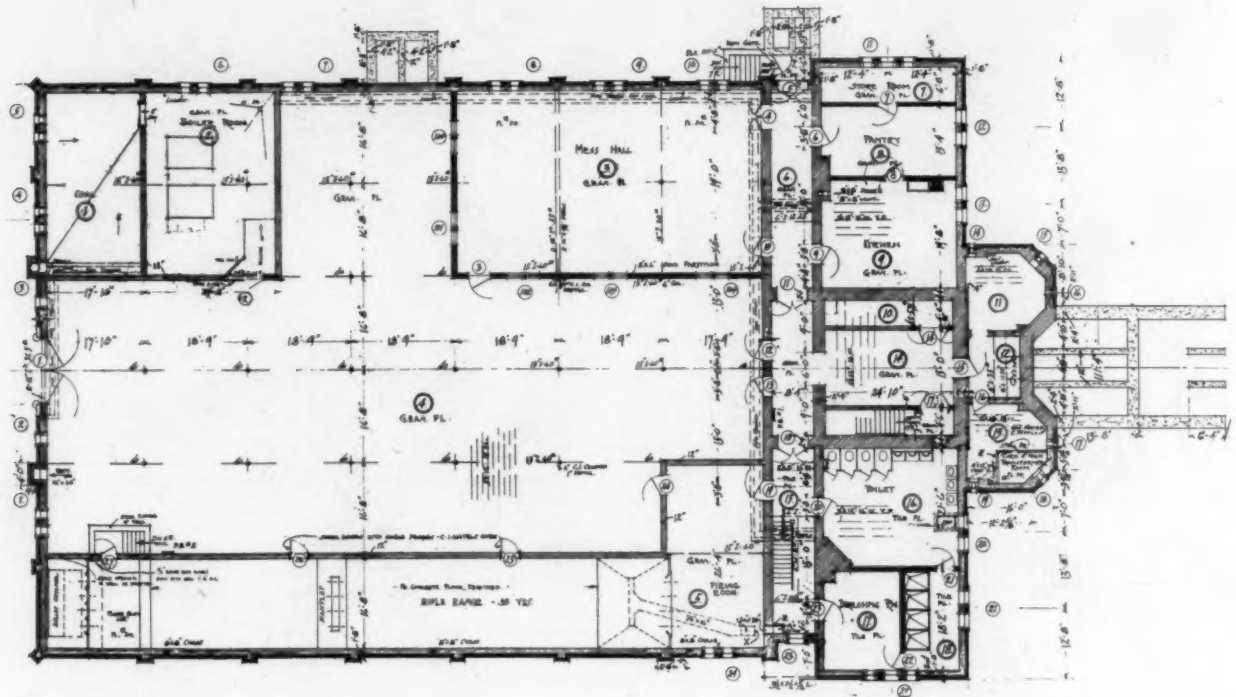


SECTION A  
ELEVATION OF TOWER & A

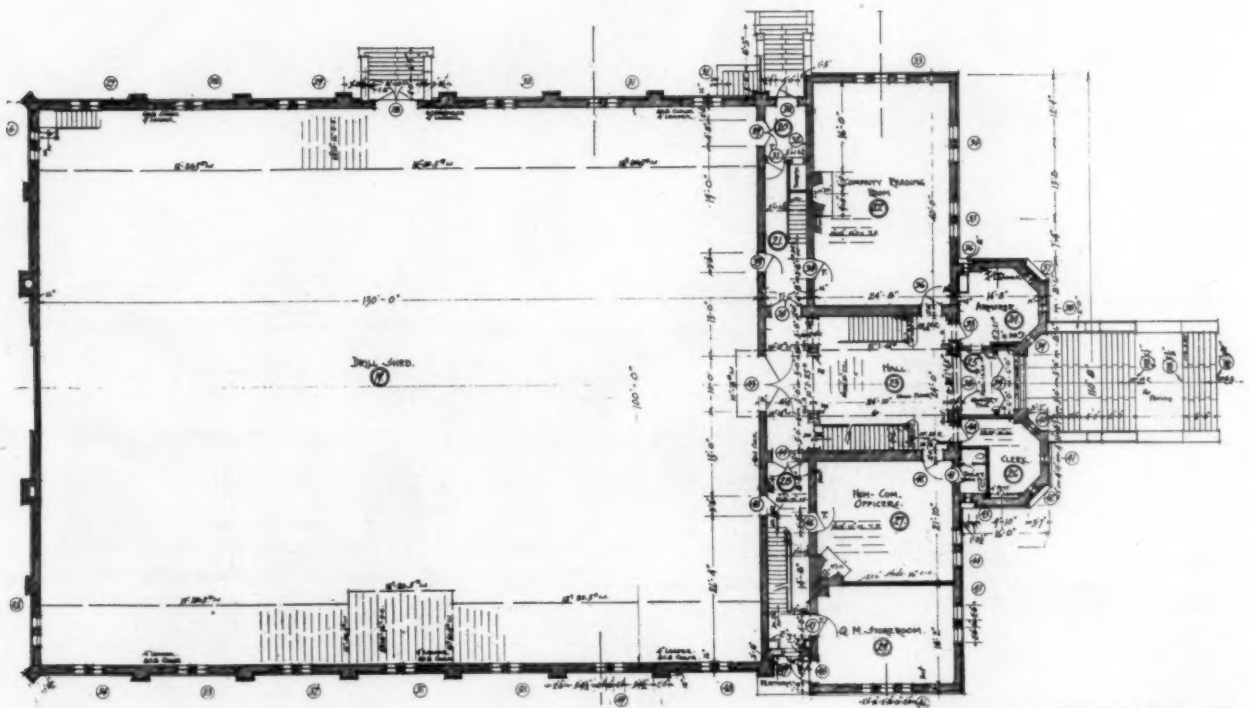
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WHITE PLAINS, N. Y.

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MR. FRANKLIN B. WARE  
STATE ARCHITECT



BASEMENT PLAN

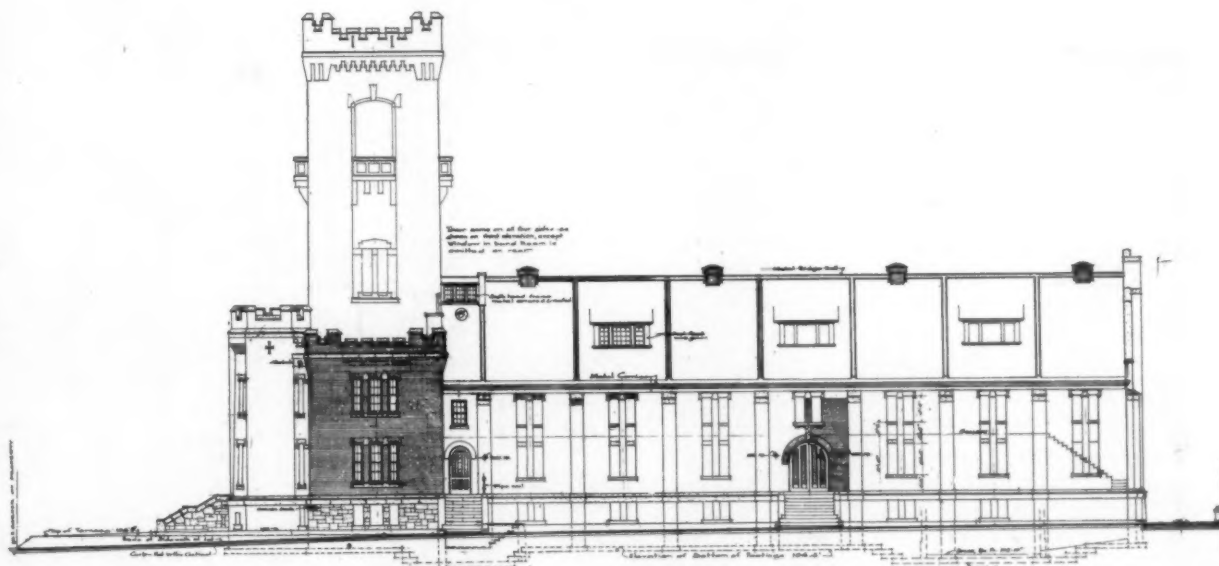
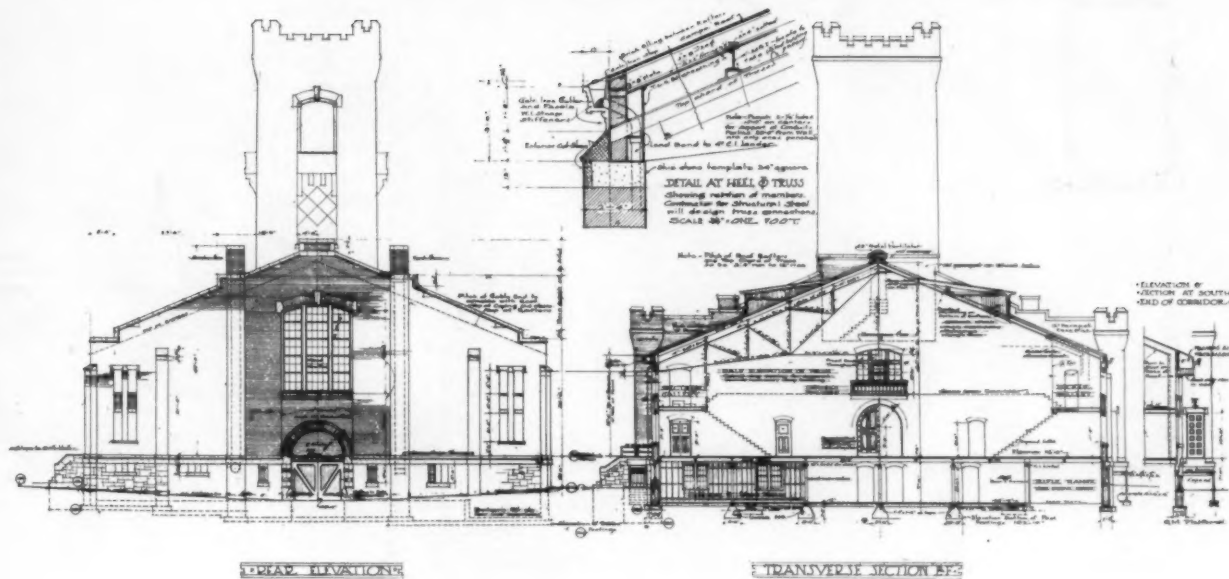


FIRST FLOOR PLAN

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STATE ARCHITECT

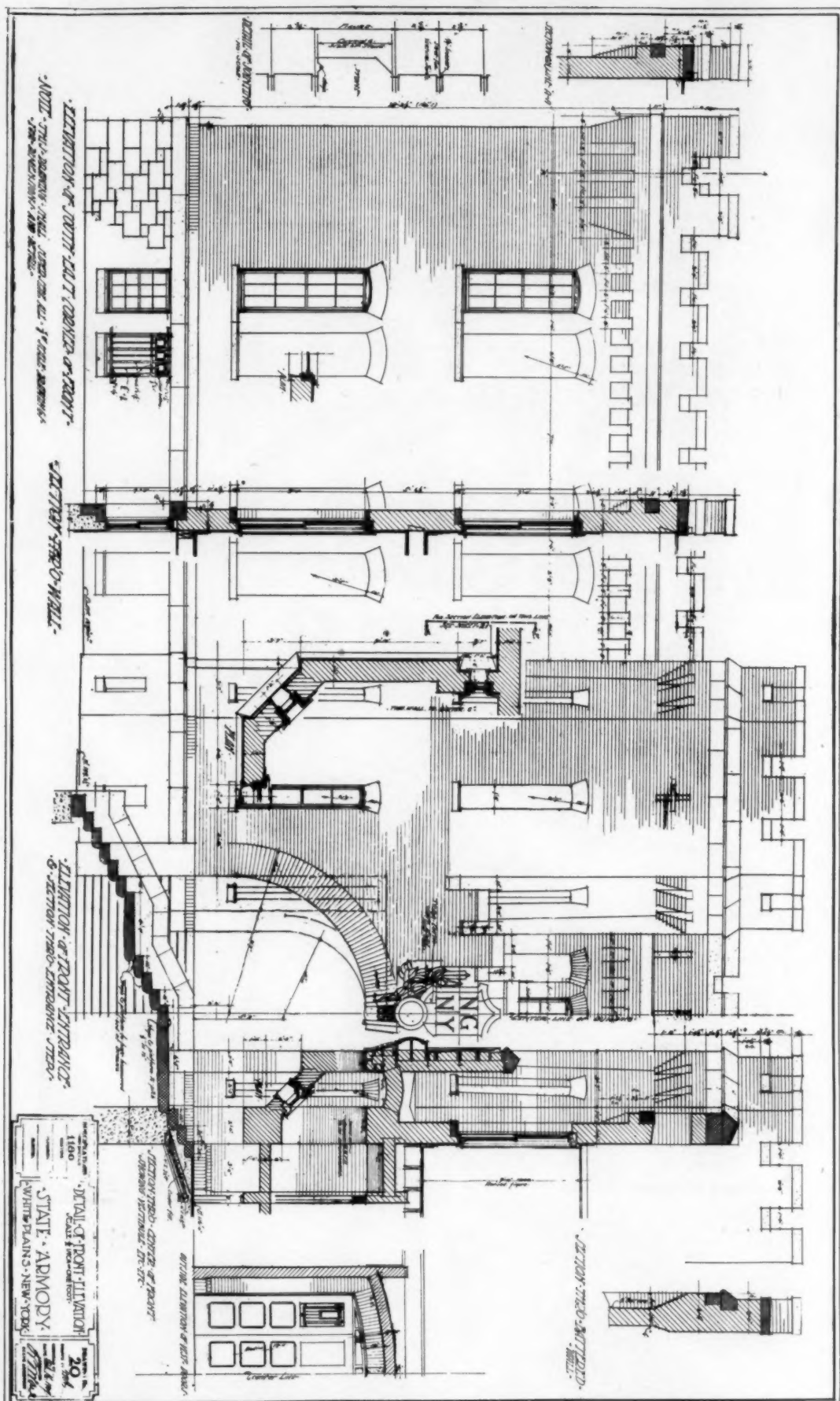


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MR. FRANKLIN B. WARE  
STATE ARCHITECT



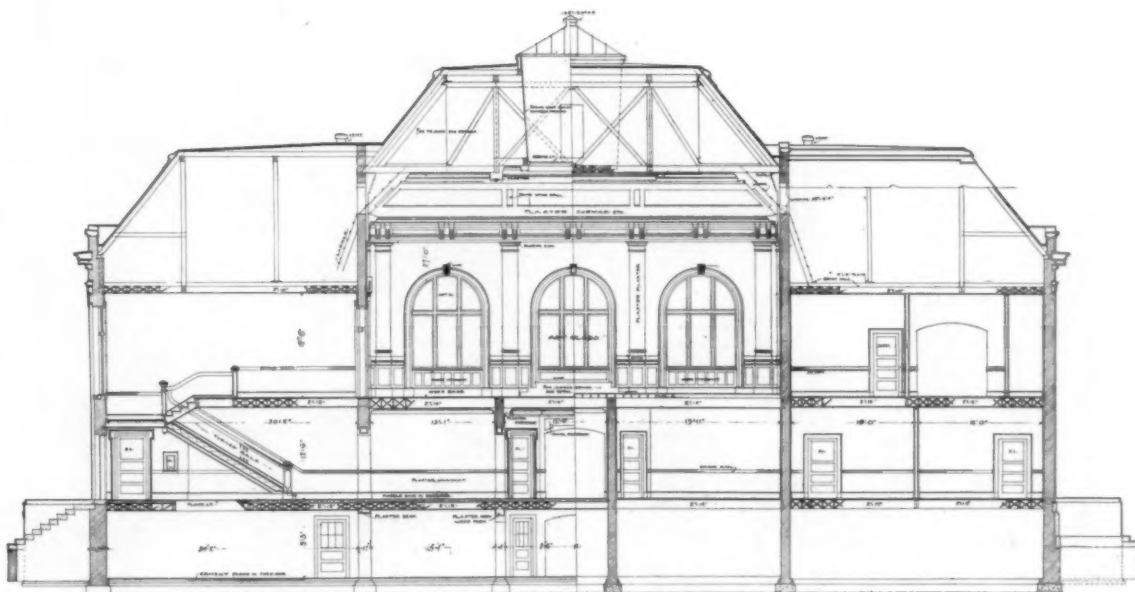


STATE ARMORY  
WHITE PLAINS, N. Y.

MR. FRANKLIN B. WARE  
STATE ARCHITECT



ELEVATION

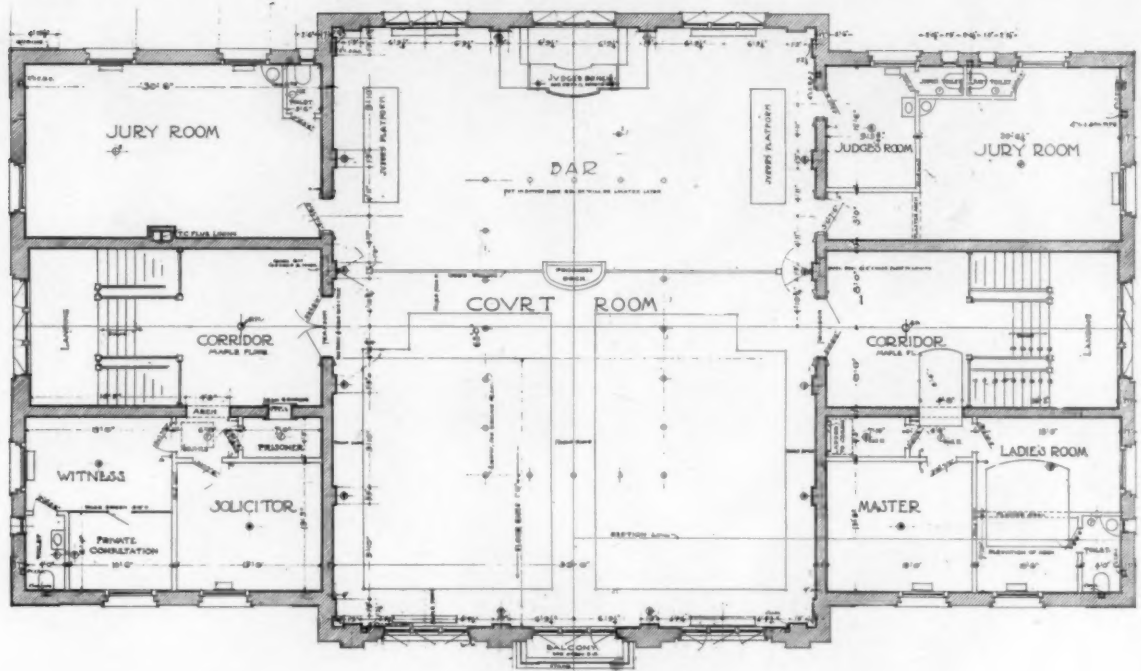


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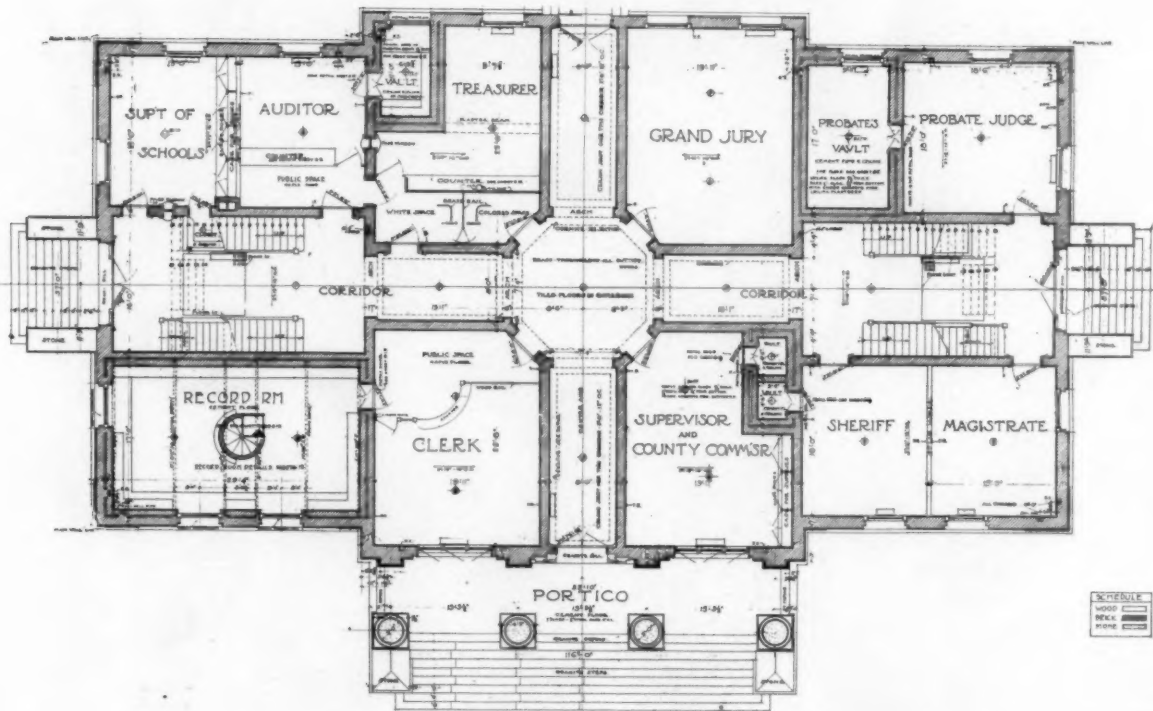
LONGITUDINAL SECTION

CLARENDON CO. COURT-HOUSE  
MANNING, S. C.

MESSRS. SHAND & LAFAYE  
ARCHITECTS



SECOND FLOOR PLAN



FIRST FLOOR PLAN

| SCHEDULE |  |
|----------|--|
| WOOD     |  |
| BRICK    |  |
| STONE    |  |

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MANNING, S. C.

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# THE FORTY-SECOND ANNUAL CONVENTION, AMERICAN INSTITUTE OF ARCHITECTS. RÉSUMÉ OF SECOND DAY'S PROCEEDINGS.

The convention was called to order by President Gilbert.

On motion, duly seconded, the regular order of proceedings was suspended to permit the reading of communications from artists and foreign societies with reference to the St. Gaudens Memorial. Communications were read by the president from Sir L. Alma Tadema, the Royal Society of British Architects, the Royal Institute of British Architects, the Royal Society of Painters in Water Color, Society of British Sculptors, the Royal Academy of Arts, the Institute of Japanese Architects, Tokio, Japan; the Royal Glasgow Institute of Fine Arts, the Glasgow Institute of Architects, the Architectural Association of the Royal Architectural Museum, London; Royal Scottish Academy, of Edinburgh; Architects Association of the Province of Quebec. A letter was read from M. Rodin, Paris, and from many architectural and art societies in Europe. These communications all expressed in the highest terms appreciation of the work of St. Gaudens, and felicitated the American Institute of Architects on the memorial to St. Gaudens' memory and extended cordial wishes for its success.

Senator Newlands then addressed the convention as follows:

SPEECH OF SENATOR NEWLANDS, OF NEVADA.

Mr. President and Gentlemen of the American Institute of Architects: It was not my intention to make a speech this morning. I understood that the question of the organization of a Bureau of Fine Arts would be before the American Institute of Architects this morning, and that there would be a discussion regarding it.

I know little of art, but ever since I have been in public life I have realized the importance of art in the practical and harmonious development of our country, and I have taken some interest in legislation relating to these matters, acting under the advice of my artistic friends. And so I came here this morning to claim my privilege as an honorary member of the American Institute of Architects (applause), and to take part with you in the discussion relating to this subject. I am told by your president that there will be no discussion this morning—that the discussion will take place to-morrow morning, so my remarks will, of course, be rather premature and I am afraid that I shall make a sad display of my ignorance.\*

I have been struck by the report read by Mr. Trowbridge, with which I am in entire sympathy (applause), and particularly that part of it in which he urges the importance of democratizing art. That is the issue that we are to make before the country—the democracy of art. Art to-day is regarded as a kind of aristocracy, and a dude aristocracy at that, by a large portion of our country. Born in the South and coming from the West, I shall not sectionalize this sentiment, (Laughter.) Now the question is, How can we democratize art? We can do something through governmental action; and one difficulty about governmental action in this country is that it takes much longer to accomplish a needed thing here through governmental action than in almost any civilized government in the world. We call ourselves a democracy, but we really have the most conservative government in the world; necessarily so, because of its dual form. We have the national government, sovereign within the powers granted to the nation upon every inch of soil of every State in the Union, and upon every inch of the territory of the United States. And then we have the States, forty-six in number, each sovereign within its boundaries; and whenever a new question comes up, the objection arises that it does not belong to the national functions, but belongs to the State; and as each State acts separately it is very difficult, of course, to create a public sentiment that will operate upon all at the same time, in the same degree and by the same methods. The importance, therefore, of nationalizing this question is apparent, and you will have to address yourselves to that question at the very start—as to the power of the nation to enter upon this work. One would think that in view of the fact that the nation has entered upon much of

educational work, it has entered upon the work of agriculture in a very extensive degree—that this question would not be raised, but you will find that it will be raised—raised by men who are fond of discussing the constitution, who are fond of raising difficulties in any great movement; and then will come the question of centralization, outside of the mere question of national power, the indisposition of some people in the various localities to centralize things at Washington, the assumption being that in some strange way, the preservation of our liberties is absolutely dependent upon the localized action of every State, and that those liberties are imperiled whenever the whole people choose to act. Then you will find the objection of the practical man. Who believes in construction? Yes, but who does not believe in art; who believes that art will increase the cost of construction, and who does not realize the economic and the commercial value of art. Then you will have to determine where you will press the argument. Congress is a large body, consisting of about ninety Senators, and four hundred Congressmen or Representatives. Their work is largely done by committees, and you will have to single out the committee in each House, or the committees that have jurisdiction of this subject, or any part of this subject, and you will find in the legislative part of the government, as in the executive part of the government, powers largely divided; you will find that division of responsibility to which Mr. Trowbridge has referred; the division into various bureaus in the executive department, and the various bureaus entrusting powers to various individuals; and you will find, the same way, in Congress, that many of the powers that ought to be confined to a single committee are divided among many committees.

Now, we are just entering upon a great era of national constructive work. We have been in existence over a hundred years, and we yet have really accomplished no great national constructive work. We have only recently commenced to enter upon the great scheme of reclamation of our arid lands. We have been pottering for over a hundred years with the question of the development of our waterways and the matter of our harbors, and the American people are just beginning to be aroused to the importance of this question, concerning which they should have reached conviction a century ago. You will find that Albert Gavitt, one of the first secretaries of the treasury, outlined in an elaborate report to Congress, the scheme of waterways which, with some modifications, is being urged to-day.

Now, the manner in which this work has been done, so far as legislation is concerned, may furnish some guide to you; and I will give you a little of our experience regarding legislation upon these subjects. First, as to irrigation. We have over six hundred million acres of land, outside of Alaska and our insular possessions, which constitute the great public domain, and that domain is almost entirely either arid or semi-arid. The humid regions have been settled up under the homestead law. For years members from the Western States have been urging upon Congress and the nation the importance of irrigating arid lands; and yet it has been taken up by the Congress of the United States as if it were a new question, and as if it were a dangerous question, absolutely oblivious to the fact that throughout the ages irrigation has been practiced and successfully practiced. So a few men in Congress had to urge a propaganda month after month, year after year, obtruding themselves upon the attention of Congress whenever this question came up, making themselves offensive almost in the constant iteration and reiteration of their views; but, finally, as a result of their efforts, after ten years of agitation, the sentiment of the country was aroused upon this subject and public opinion made its impression upon Congress itself. For, let me say here, that Congress rarely leads in public opinion, you may say it never leads in public opinion. Public opinion is made outside by such organizations as these. Congress simply records public opinion in the statutes. So it is necessary that there should be a continued agitation upon the outside, and that agitation should take the form of organizations intended to accomplish a great purpose, just as is being done with the irrigation work. We organized what we called an Irrigation Congress, and we held a session every year, mainly in the arid regions and in various cities there. Finally, we held a session in Chicago, and within a year or two after that legislative action was taken. As the result of that work, we have to-day a

\*See AMERICAN ARCHITECT, issue of December 30.

reclamation service composed of three or four hundred of the most capable engineers of the country. We were careful in framing that act to give the executive large powers. We put the entire responsibility of execution upon the Secretary of the Interior; and provided a large fund from the sale of public lands, and instructed him whenever a project was deemed feasible to go ahead and to do the work; and we did not hamper him with details and with limitations; and the result has been that within a period of five years a very remarkably extensive work has been conducted, involving twenty-three projects in about sixteen or seventeen States and Territories, involving every problem that is now presented to the Panama Canal Commission in their work.

Then, as to the Panama Canal, we agitated that for a great many years, and opinion was divided between the Nicaragua Canal and the Panama Canal. It was threshed out before the people year after year. There was a division of sentiment regarding it, and finally we passed a bill putting the entire matter in the hands of the executive, giving him the power to purchase the Panama Canal; and if that could not be accomplished, immediately to go to work to acquire the property necessary for the construction of the Nicaragua Canal. We immediately in that bill provided for a fund of \$150,000,000, and gave the President practically the entire administration of the fund. We put upon one man the responsibility of that great work, feeling that it would be his highest pride to conduct it in a worthy manner, creditably to himself and to the nation.

Now, so far as this work of art is concerned, you will have, just as has been done with reference to the Panama Canal, and just as was done with reference to the irrigation work, to have your local organizations in every State, and to have some central organization to which delegates from the local organizations shall be centered. You will have to have your press bureau well organized, with men capable of presenting this whole question in a popular and attractive form in the newspapers, the papers that reach the average man, so that every week every person in the United States, pretty near, will come across some item that will aid in this great work.

You will have to organize your musical societies, your art societies, embracing the different branches of art, and you will have to instruct them to bring pressure to bear directly upon their representatives in Congress, for it is the local pressure addressed to a member of Congress which he regards more than he does what may be regarded as a general sentiment of the entire nation. He is responsible to his constituency; he seeks the favor of that constituency; he seeks to put in law the public opinion of that constituency, and you must bring, therefore, to bear upon the individual member of Congress, from every district in the country, the force of a local, public sentiment. This you can do by increasing the organization of art societies and musical societies, and it is amazing how appreciative they are of work of this kind, even in our most remote localities, particularly anything that relates to the development of music. You will find in almost every hamlet in the West now some woman's association, under the name of "Twentieth Century Clubs" and "Women's Clubs," et cetera, that are discussing these questions, and be wise to bring them into cooperation with you.

So much, then, for the general agitation of the subject. You should have a press bureau, you should have these local organizations which will be part of a great central organization that will meet every year in some great city of the country and educate public sentiment upon this question.

Now, as to the form that legislation should take: You can aim high at the start, or you can rely upon the process of evolution. The great Department of Agriculture, which is now one of the most important departments of the government, commenced, I believe, as a mere section or bureau in the Interior Department. The great Reclamation Service, of which I have spoken, commenced in the appointment of Mr. Newell, an engineer just graduated from the Massachusetts Institute of Technology, as an engineer in the Geological Survey, to make an inquiry into the subject of irrigation; and so it is with other work. The Department of Commerce and Labor was an aggregation of various bureaus that had been engaged in work of that kind.

If you rely upon the process of evolution, you have the germ of the great governmental organization in the office of the

Supervising Architect of the Treasury (applause), and I am glad to know that that office has at last been brought into harmony with the great body of architects throughout the country. (Applause.) It has been done by the effort of this organization, and by the cooperation of the gentleman who holds that office.

You might press a bill changing the name of that office to the Bureau of Arts, defining the jurisdiction by enlargement so as to cover not only architecture, but all the allied arts. I should like to see a bureau of this kind, of not only painting and sculpture and architecture, but to cover music also. I do not know whether music has much relation to the Treasury Department, in which the office of the supervising architect is now located. It may be wise in the bill providing for the evolution of the supervising architect's office in the Bureau of Fine Arts, to provide for the transfer of that bureau to the Interior Department, in which department these questions would more properly come. It might be wiser, however, to postpone that to the future—to first thoroughly organize your bureau, and then later on transfer it to the proper department, and later on I have no doubt it would gradually develop into a department of the government, the Ministry of Arts. (Applause.)

Now, this is the evolutionary process. If you wish to adopt the radical process you can urge a bill providing now for a Department of Arts, the Ministry of Arts—aim high; urge that, and as the less is always included in the greater, if you do not succeed in that you may at all events succeed in the organization of a Bureau of Arts.

I have addressed you thus far simply upon the practical side of this question. I would add one further word, and that is that your should address your work to the men in Congress who are either powerful in party and legislative action, or who have jurisdiction of particular questions that would be included in this bureau or department. The effect of your banquets—such banquets as you are to have to-night, should be educational; and you should, as far as practicable bring that education to bear at such banquets upon public men who are likely to have anything to do with this subject. No one could measure the educational effect of such addresses as we had last night (applause) upon such committees as the Public Building Committees of the Senate and the House. I do not know whether the members of those committees were invited.

The President: They were all invited.

Senator Newlands: I do not think I saw any of them there (laughter), and I would suggest that if they are invited I think there is no danger of their not coming, if you have special committees appointed to see to it that they do come.

The President: Good!

Senator Newlands: In applying the personal pressure, make this action as unobtrusive as possible, conducting it with as much good taste as possible.

Then, in addition to that, you should have your committees that will appear before these committees in Congress. You should never have a session here without appointing a commission of men capable of representing the Institute, and as to whether a bill shall have consideration, as to whether opportunity for debate shall be had, and having such a committee appear to present the matter to the Speaker of the House of Representatives. I admit he is rather hard formation (laughter and applause), but I would not withhold pressure on that account, because he is just as much impressed by public opinion as anybody else. (Laughter and applause.) The hammering he has had during the last campaign will, I think, do him good. (Laughter and applause.) And then, such a committee should appear before the Vice-President. It should get into conference with the five men constituting the Committee of Rules of the House, Mr. Payne, Mr. Dalzell, Mr. Tawney, I believe, Mr. Williams and Mr. Champ Clark, for these men, particularly the three belonging to the majority party, have a large influence in the direction of legislation in the House of Representatives, in the determination as to whether a bill shall have consideration, as to whether opportunity for debate shall be secured. Then you should have such a committee appear before the Building Committee of the House and the Building Committee of the Senate, or the Committee of Public Buildings, I believe it is termed. Then also before the Library Committees of both the House and the Senate, for by some chance artistic



matters seem to have drifted into the hands of the Committee on Library in both houses; and you will require the co-operation, perhaps, of the Committee on Public Buildings and the Library Committee to secure the thorough consideration by committees having jurisdiction of these subjects in which you are interested; and you should have at each one of these conferences some capable man to report in an interesting and engaging way the discussion that takes place, and to give it to the press of the country.

Public opinion will drive your bill through and public opinion alone; and the reason why you should present yourself upon every possible occasion before these committees is the importance of always bringing them face to face with public opinion. And if you will supplement this by an organization that will keep track of the pressure upon each individual member of Congress—keep a book account; do this thing in a businesslike way; have your secretary correspond with the art societies and the musical societies in the district of a Congressman who is particularly obtuse (laughter), and let them write him letters. Let them meet him with delegations when he returns to his constituency; and in every way possible impress him with the importance of this particular work.

Of course, this looks like a big work; as I outlined it, it looks as if it might take years to accomplish it. It is a big work, but if you prosecute it with energy, you will be amazed to find how quickly action will come. Just at the most hopeless hour, you will find that the psychological moment will arrive for action by Congress, and the probability is that such action will be taken, when public sentiment has crystalized almost without debate.

We are organizing to-day the great inland waterway movement. The President recently appointed an Inland Waterway Commission. He did me the honor to appoint me upon that commission, with which I have been visiting the various parts of the country. That commission has done great work, not through the individual efforts of its members, but simply because its presence in every section of the country aroused discussion. The hearings they had were published in the newspapers, and the result of that and other agitation upon the subject is that public sentiment became crystalized this year. Both of the national parties declared for the development of the waterways. A recent convention of three thousand members met here, called the Rivers and Harbors Congress, which is likely to be as powerful upon this matter as Congress itself.

The Conservation Commission, appointed by the President, has also been in session. It has made its report to the President; its committees have interviewed Congress, and I may say here in passing that it would be a wise thing to make your movement a part of this great conservation movement. (Great applause.)

We have been having a session recently in Washington of seven days' duration. This commission, appointed by the President, consists of sections—one on lands, one on waters, one on minerals, and the other on forests. Why should there not be a section of the arts? Why should you not apply to the President to add to that commission, which is a commission without the authority of the statute, but which has been appointed by him under his constitutional power to make recommendations to Congress, with a view of ascertaining the facts upon these great questions, and with a view to securing a vote from them, which he, in turn, can, if he approves, submit to Congress for action in the shape of legislation. Why should there not be a section of the arts in that great commission, which is likely to go down to history as one of the most useful commissions? And thus you can utilize all the agencies of that commission. In every State in the Union conservation commissions are being organized. As a result of the Conference of the Governors a year ago, we found in conference with us the other day twenty-two conservation commissions which have been appointed by the governors of the various States, and we found that some of them had prepared elaborate reports. I have in view particularly the State of Oregon, whose commission presented a report of nearly a hundred pages regarding the conservation of the resources of that State.

Now, if you will dovetail your work in with the work of this great constructive organization, claiming that your organization is a constructive organization, a practical organization which means much for the economic and the commercial development

of the country—if you will insist that in every one of these works art shall enter as a component part in order to make (applause) the useful thing also a beautiful thing, you will accomplish much. (Great applause.)

At the conclusion of Senator Newland's speech every delegate rose to his feet and showed his appreciation by continued applause.

Mr. Edwin H. Blashfield, artist, then addressed the convention.

By motion, duly seconded, the thanks of the convention were extended to Senator Newland and Mr. Blashfield.

Report of Committee on President's Address was then read and adopted.

Mr. George B. Post then addressed the convention as follows:

"I wish to offer a resolution, sir, that the Board of Directors be directed to consider, without delay, the matter of establishing an endowment fund for the Institute of Architects. This is a subject which I brought to the attention of the Board of Directors several times during the last three or four years of my membership on the board, and I was always requested, and I think at the time wisely requested, to withdraw the resolutions which I offered on the ground that the attempt to secure a proper and adequate endowment fund for the institute would interfere with the efforts of Mr. McKim to secure a proper endowment fund for the school at Rome. It seems to me that the emergency is so great that the need of funds for the institute to prosecute the great works which lie at hand for it to perform—the needs are such that all other objects ought to be subordinated to securing those funds so that the purposes for which the organization is instituted may not be hampered, and that the delay of a year in waiting for the report of a committee as to what can be done is a most serious matter. The members of this institute embrace in their clientèle all, or almost all, of the great financial institutions and of the great plutocrats of the country. If the members of the institute will earnestly go to their clients and ask for proper subscriptions to an endowment fund to enable this institute to carry on the great works for which it is organized, I am sure that the response would be one which would astonish its members, and furnish its organization. At the same time, the board should be authorized with power to take into serious consideration the question as to whether the great societies which are organized for many purposes connected with building operations might not properly be allowed the privilege, to a certain extent, of bearing their part of the burden of furnishing funds to carry out the schemes in which they are also thoroughly interested. (Applause.)

I offer a resolution, sir, that the board be instructed to take this matter into serious consideration and be empowered to act as they see fit.

MR. TROWBRIDGE: I second the motion.

THE PRESIDENT: The motion is made by Mr. Post, and seconded by Mr. Trowbridge.

The motion was duly carried.

MR. POST: I meant to say in conclusion one thing which I did not say, that I have formerly had considerable experience in this sort of thing, although my own individual influence in raising money is largely hampered from the fact that the great part of my individual rich clientèle has passed into the other world, but I agree that we would make a great mistake in naming any small sum of money. I believe that it would be really easier to raise a million dollars than it would be to raise \$100,000. (Applause and laughter.)

On motion of Mr. Trowbridge, duly seconded, it was resolved that a committee be appointed to act upon the suggestion of Senator Newland and to wait upon the President of the United States to request that, if possible, a section of fine arts be added to the Conservation Commission.

The convention adjourned to meet at 2 o'clock.

At the afternoon session, preceding the discussion of the schedule of charges, the president announced as follows:

"I will take the opportunity to announce that the committee to confer with the President of the United States is appointed as follows, and in advance I will say that it is understood that it is advisable to have a very small committee, rather than a large one in this instance: Mr. Trowbridge, chairman; Mr. Lafarge and Mr. Gilbert. I appoint myself because the members of the committee have requested me to serve with them.



Gentlemen, the hour has arrived for the consideration of the matter of the schedule by vote—the vote of the convention, which has become the order of business.”

MR. DAY: I move that the convention do now sit as a committee of the whole. Seconded.

The convention then went into committee of the whole to discuss the schedule of charges, Mr. D. K. Boyd in the chair. This discussion consumed the remainder of the session.

The convention was opened on the morning of December 17.

The following announcement of officers elected for the ensuing year was greeted with much applause:

President, Cass Gilbert.

Vice-Presidents, Ralph Adams Cram and Irving K. Pond.

Secretary and Treasurer, Glenn Brown.

Directors, F. C. Baldwin, S. B. P. Trowbridge and John M. Carrere.

Members advanced from associate membership to fellowship:

D. Knickerbacker Boyd, Myron Hunt, Goodhue Livingston, J. Harleston Parker, Dwight Heald Perkins and Edward L. Tilton.

After much debate, during which the subject was pretty thoroughly discussed, the following resolution was adopted:

“That it is the sense of the convention that the various chapters should prepare codes of ethics, as these may be determined by local conditions, submitting these codes to the Board of Directors of the American Institute of Architects for criticism, and to aid it in preparing a general code.”

Mr. Morgan's invitation to hold the next convention in Southern California was discussed at some length. It was the sense of the meeting that the matter be referred to the Board of Directors, and that if the next convention was not held in Washington, it was suggested that it be held in Southern California.

The convention then adjourned.

## Building News

### CALIFORNIA

FRUITVALE.—According to reports in the local press, the citizens of Fruitvale school district decided to-day to issue bonds to the amount of \$100,000 for the building of three school houses.

HAYWARD.—Plans for the proposed new fire house to be erected by the town for the Hayward Volunteer Fire Department, are being discussed by the Board of Town Trustees and the Fire Commissioners, it is said.

MELROSE.—A factory for the manufacturing of enamel letters and enamel paint is to be erected here soon after the first of the year, according to reports by A. L. Pattimore, it is said.

OAKLAND.—Extensive enlargement of the manufacturing plant of the Leona Chemical Company is provided for, it is said, by a bond issue of \$1,000,000, which has just been authorized by vote by the board of directors of the company.

OAKLAND.—We understand that it is the purpose of Theodore Gier to build a \$30,000 structure at once on the property acquired by him a few months ago on Eighteenth Street, just north of the junction of San Pablo and Clay.

PASADENA.—S. B. Marston, as architect for the Frank G. Hogan Realty Company, has prepared plans for a number of bungalows to be erected here at a probable expenditure of \$30,000. Bids for the construction are soon to be taken.

REDLANDS.—The trustees of the Redlands School District are about ready to call for the new school building to be erected on the north side of town, and to take the place of the present structure known as the Lugonia Building.

RIVERSIDE.—After a stubborn contest, according to current reports, the Treasury Department has selected as its choice for a post-office site in Riverside the lot at Seventh and Orange Streets.

SAN FRANCISCO.—A skyscraper hotel south of Market Street is to be erected immediately by Richard Garrett, of San José, upon his lot at the southeast corner of Fourth and Jessie Streets, between Market and Mission Streets. Plans have been drawn for this building by the architects, Stone & Smith, and after the first of the year contracts will be awarded for construction.

Plans have been definitely approved, it is said, for a four-story building for the Davis estate property at the southeast corner of Kearny and Sutter Streets, the site of the old Thurlow block. Estimated cost, \$250,000. Construction will begin within sixty days. E. P. Dutton is the architect.

A handsome six-story building will be erected immediately on the north side of Sutter Street, west of Grant Avenue, by Mrs. Rosenstock and Mrs. Nuttall for the C. M. Plum Company, which will occupy it next summer as a furniture store.

A new Lurline bathhouse is to be erected at Larkin and Bush Streets, which will cost not less than \$100,000. This building will be of reinforced concrete. Plans are nearly completed for the building and contracts may be let shortly.

A seven-story brick building is to be erected immediately on the west side of Powell Street, 21 feet south of O'Farrell Street, by the Haas Realty Company. A hotel covering the entire lot, 50 x 137½ feet, will be built according to the plans prepared by Herman Barth, the architect, who is now working on the specifications for contractors.

A Russian church is to be built on Vallejo Street, near Van Ness Avenue, on land acquired some time since for the edifice of the Russian house of worship in this city. The building will cost about \$30,000.

Mrs. P. F. Butler is having plans prepared for a seven-story building to be erected upon her lot at the northwest corner of Ellis and Powell Streets, in the same block as the new Haas Building. The estimated cost of this structure is between \$70,000 and \$80,000.

SAN JOSE.—Plans for remodeling the interior of the Unique Theatre for use as a store are being prepared by Architects Wolfe & McKenzie. The changes will be extensive and will cost about \$5,000.

### COLORADO

COLORADO SPRINGS.—We understand that steps are being taken toward the erection of a cure and rest resort for the members of the National Association of Letter Carriers. The buildings are to be located at Colorado Springs.

### CONNECTICUT

RICHFIELD.—Edgar & Curtis, of New York, as brokers, have sold a tract of nearly 1,000 acres at Richfield. It is said that the buyer is a prominent New Yorker, who will erect a residence, stables and outbuildings on the property, and will expend a large sum in its development.

### GEORGIA

SAVANNAH.—We understand from the daily press that plans for the Masonic temple to be erected here and which will cost approximately \$150,000, have been completed, and bids for construction work will soon be invited.

### INDIANA

EVANSVILLE.—Plans are being considered, we understand, by the Never-Split Seat Company, now housed in a factory on the West Side, for the acquirement of a new site and for the erection of a new and larger building.

The Evansville Packing Company will, within a short time, begin the construction of a new \$15,000 addition to its present plant, located at the corner of Harriet Street and Morgan Avenue.

It is reported that the Sears-Roebuck Company, at Chicago, Ill., will build and establish a branch house at this point.

FORT WAYNE.—Plans for the erection of a church at a cost of \$350,000 aside from the cost of a pipe organ and bells, are under consideration by the congregation of the English Lutheran Church of the Redeemer.

**INDIANAPOLIS.**—The Great Council of the Red Men of Indiana has purchased real estate in Indianapolis on which is to be built the new State wigwam. The building committee of the Great Council, of which A. T. Smith, of New Albany, is a member, will begin as soon as preliminaries are arranged the erection of a building, to cost nearly \$50,000.

**MICHIGAN CITY.**—Scaled bids will be received for the erection of the Young Men's Christian Association building of Michigan City until Jan. 18, 1909. Plans and specifications may be secured at the Y. M. C. A. headquarters and Bartholomew & Co.'s store.

#### IOWA

**DAVENPORT.**—A meeting of the board of directors and the life members of the Rock Island Club will be held soon for the purpose of furthering the plans now under way for the erection of a new club building.

**SIoux CITY.**—As a result of his visit to Sioux City, O. D. Woodward, of Kansas City, whose lease of the New Grand Theater expires next August, will build a new playhouse here. It will cost between \$60,000 and \$75,000, will seat about 1,300 people, and will be thoroughly modern in every respect.

#### KANSAS

**SALINA.**—The officials of the Free Methodist Church have purchased two adjoining lots at the corner of North Santa Fé Avenue and Decatur Street, and expect to erect a church on this property either this winter or early in the spring, it is stated.

**COFFEYVILLE.**—According to current reports in the local press, the City Council may erect a new station for Fire Department No. 2. At a meeting of the Council recently Councilman Wilhelm spoke of the bad condition of the present quarters and said that something should be done for the protection of the equipment.

**TOPEKA.**—Plans are being made by the officials of the Santa Fé for a new building to be erected somewhere within the limits of the Santa Fé shops which will be used as an office building by the different mechanical officials.

**WICHITA.**—It is reported in the local press that the Cudahy Packing Company will make extensive improvements on their Wichita plant during the coming year.

Architect J. P. Cochran has prepared plans for flats for Dr. Elder containing twenty rooms, and is now receiving bids for contract.

Same architect is preparing plans for a hotel, 50 x 140 feet, to be built on North Water Street, first block, to be of brick and cement; modern.

#### KENTUCKY

**BARBOURVILLE.**—The Cumberland Ice & Beverage Works plant, recently destroyed by fire, will be rebuilt, according to reports in the local press.

The Barbourville Brick & Tile Company is planning additional improvements, we understand, costing several thousand dollars.

**LOUISVILLE.**—Dr. E. Y. Mullins, president of the Southern Baptist Theological Seminary here, is reported to be taking steps toward the raising of \$600,000, to be used in the erection of new buildings.

The old Fort Standwyx property, located on the Prospect Line, has been purchased by the new Louisville Country Club for a consideration, according to reports. A clubhouse, or home for the new organization, will be erected on the site just purchased, at a cost of probably \$50,000.

#### LOUISIANA

**NEW ORLEANS.**—Plans are being drawn for the big warehouse to cover the whole square in the wholesale district, which is to be erected by the H. T. Cottam Company, wholesale grocers. Crosby & Henkey are making the plans for a building three or four stories high, of modern fireproof construction. It is also reported that architects are studying the situation with a view to drawing plans for the new buildings which the Ursulines will erect on the new site.

#### MAINE

**BLUE HILL.**—The Ladies' Social Library of the Congregational Church at Blue Hill has been donated a sum of money to be used in the erection of a new Library Building.

**HEBRON.**—From reports in the local press we learn that a new dormitory building is to be erected at this place, at an approximate expenditure of \$50,000.

#### MARYLAND

**BALTIMORE.**—The Harlem Park Methodist Episcopal Church, which was destroyed by fire recently, will be rebuilt at once, it is currently reported.

An apartment house will be erected at Liberty Heights and Garrison Avenue by H. E. Green. Plans for the structure are being prepared by Architect John R. Forsythe. The building will be of ornamental frame construction, with artistically arched windows. The building will be three stories high, and will front 40 feet with a depth of 110 feet.

Plans are being prepared by Architects Wyatt & Nolting, we understand, for the erection of a handsome cottage for John Bindford at Sherwood, near Sherwood Station. The cottage will be of ornamental frame construction, with a stone and concrete foundation, and will be built along modern and substantial lines.

For early development purposes Max Brafman has purchased a lot on the south side of Presbury Street, between Ninth and Tenth Streets, with a frontage of 197 feet and a depth of 200 feet, to Grayson Street.

Directors of the Eutaw Savings Bank have authorized extensive improvements and additions to the present bank building at Eutaw and Fayette Streets. This entire structure will be remodeled. Property fronting 65 feet on Fayette Street, immediately in the rear of the bank, has been bought. On this the addition will be erected.

Proposals will be received until January 13 by the Board of Awards of Baltimore City for furnishing and installing boiler, blow-off tank, etc., at Walter's Baths No. 3, at 1018-1022 Argyle Avenue, for the Mayor and City Council of Baltimore, for the use of the Free Bath Commission of Baltimore.

#### MASSACHUSETTS

**BOSTON.**—It is the wish of Rev. Alexander Mann, D.D., rector of Trinity Church, that work may be begun in the spring on the new Rachel Allen Memorial. The new structure will occupy a site on South Huntington Avenue, adjacent to the new Vincent Memorial Hospital.

**DALTON.**—It was announced at Dalton recently that it has been decided to locate the new Young Men's Christian Association building on the vacant lot between the opera house and the residence of Dr. W. W. Schofield on Main Street. Plans will be made at once, and the work of building will begin in the spring.

**HOLYOKE.**—If all plans which have been made up to this time go through successfully, Holyoke will have a home for its aged people on or before April, 1910. Architect James A. Clough has completed the plans for the building, the cost of which is estimated as being between \$20,000 and \$22,000.

**LOWELL.**—The congregation of St. Patrick's Church is contemplating the erection of a Catholic church, to be built on a lot of land in Mammoth Road, directly opposite Seventh Avenue. The lot contains about four acres, and has a frontage of about 260 feet.

#### MISSISSIPPI

**SHUQUALAK.**—Bonds to the amount of \$6,000 are to be issued at this place, we understand, to be used in the erection of a new school house.

#### MISSOURI

**KANSAS CITY.**—James A. Priestley is the architect for the 10-story office building to be erected on 31 feet of Baltimore Avenue land between Tenth and Eleventh Streets. The building will cost approximately \$150,000, and contract for the construction is soon to be let.

Paul A. Brooks, president of the organization of Kansas Free Staters of 1856, is taking measures toward the erection of a memorial building near the State University on Mount Oread, it is said.

#### NEBRASKA

**OMAHA.**—It is said that J. F. Bloom & Co., manufacturers of tombstones, now located on Farnam Street between Eighteenth and Nineteenth Streets, will build a new manufacturing plant on the lot acquired by that company on the northwest corner of Seventeenth and Cumming Streets.

## NEW JERSEY

**HOBOKEN.**—The new building which the First National Bank of Hoboken intends to erect will be located on the site of the present building, at Hudson and Newark Streets. Architect K. M. Murchison, of Manhattan, has been commissioned to prepare the plans.

Plans and specifications are being prepared for the erection of the new building of the Trinity Evangelical Lutheran Church, West New York. The new edifice will be started probably in the early spring at the corner of Palisade Avenue and Sixteenth Street, which site the church has owned for some time, and will be of English Gothic type. Charles G. Jones, of Manhattan, is the architect.

**JERSEY CITY.**—Director of Education John Bauer, of the Eighth Ward, has had plans and specifications adopted by the Board of Education of Jersey City for new School No. 33 in that ward. The site has been acquired by the Board and fronts on both Clendenny Avenue and Union Street, just west of West Side Avenue. Supervising Architect John T. Rowland, Jr., has drawn plans for a fine building. Bids will be received by the Board of Education on January 28.

**KEARNY.**—The Kearny Common Council of 1908 has accepted a design for the proposed new municipal building, which is estimated to cost about \$65,000. The successful architect is Herbert E. Davis, of No. 1 Madison Avenue, New York, whose plan was selected out of the nine designs from that number of architects who were invited to compete in the contest. Estimated cost, \$65,000.

**LONG BRANCH.**—We learn from exchanges that the Borough of Monmouth Beach has voted to issue \$14,000 in bonds to be used for the purpose of erecting a new school house.

**MILLVILLE.**—An agent of Nixon & Zimmerman, Philadelphia, the theatrical firm, has made visits to Millville with a view to looking over the ground for the erection of a theater. According to reports, the company intends erecting a theater in Millville within the next 15 months.

**NEWARK.**—The Central Railroad Company has definitely decided to raze its Broad Street Depot, it is said, and erect a modern structure, according to a statement made by C. W. Huntington, general manager of the railroad.

## NEW YORK

**BINGHAMTON.**—The Chenango Silk Co. will soon award plans for a new plant. The company has outgrown its present factory, and it may rebuild here or elsewhere. The new mill will be 150 x 150 feet, and three stories in height.

**EAST ONONDAGA.**—St. Andrew's Mission, in South Salina Street at East Onondaga, a mission conducted by St. Paul's Church, of Syracuse, is to have a new church building. Architect A. P. Taylor has plans, it is said.

**HICKSVILLE.**—We understand that the Board of Education has been empowered to secure plans for a new school building with a permanent assembly hall, to cost not more than \$60,000.

**JAMAICA, L. I.**—Douglas Robinson, Charles S. Brown & Co., New York, have sold the Cowenhoven farm of forty-eight acres on Rockaway Road, Jamaica, a quarter mile from the new railroad station. The buyers will develop it, we understand.

**NEW YORK.**—We understand from current reports that John Russell Pope, architect, has been commissioned to prepare plans for a new building for C. E. Rector.

Ruland & Whiting Co. have leased to Edward E. White, for twenty-one years, from May 1, next, Nos. 143-145 Fulton Street, through to Nos. 24-26 Ann Street, containing 6,000 square feet. Mr. White, who runs the restaurants on the Sandy Hook boats, will tear down the old four-story buildings and erect an elaborate three-story building from plans by Clinton & Russell, to cost \$60,000. The furnishings will cost \$45,000.

The Edison Company recently purchased a plot of ground on 149th Street, and will probably erect a building for their own use on the site, it is reported.

George Milne has sold No. 320 West Forty-fourth Street, five-story building, 25 x 100.5, to Charles and Arthur Scribner. On the seventy-five feet it is said they will erect an addition to the fourteen-story Scribner Building at Nos. 311 to 319 West Forty-third Street.

Sloane & Moller will build a six-story factory, 100 x 80, on

the north side of Sixty-fourth Street, 100 feet east of Second Avenue, from plans prepared by Architect H. Ptacek. The cost is placed at \$40,000.

Plans have been prepared for two twelve-story apartment houses to be erected on Cathedral Parkway, just west of Amsterdam Avenue, by the Carlyle Realty Company. Architects Schwartz & Gross estimate the cost at \$800,000.

O. C. Moore, president of the Ocemore Building Company, has announced that negotiations have just been considered for the erection of a nine story and basement, fireproof storage warehouse on Washington Heights, between 145th and 155th Streets.

Wood, Harmon & Co. report the sale of the southeast corner of East Fifteenth Street and Avenue H, Brooklyn, a plot 75 x 100, to the Abels-Gold Realty Company. The Abels-Gold Realty Company proposes to improve this parcel, it is said, with four-story store and flat buildings.

The Title Guarantee and Trust Company was the buyer of the property on the south side of 149th Street, 191.6 feet west of Third Avenue, in the Bronx. The plot is to be improved at once by the Title Company by the erection of a three-story fireproof building, with two large store offices on the ground floor and high class offices in the upper stories. A large street vault is also to be built, it is reported.

Henry D. Winans & May have sold Otto H. Kahn the lot in Fifth Avenue, 30 feet south of Seventy-fifth Street, 27 x 120. According to current reports the buyer will erect a handsome modern dwelling for his own occupancy.

Plans have been prepared for a twelve-story commercial building to be erected for Max Cohen at Nos. 131 to 137 West Twenty-seventh Street, at a cost of \$400,000. It is to be of brick and limestone with a façade. It will have a frontage of 100 feet and a depth of 90 feet with an extension. Cleverdon & Putzel are the architects.

Plans have been prepared, it is said, for remodeling and re-fitting the four-story and basement lofts and picture galleries at No. 313 Fifth Avenue and installing elevator service for the Mason-Hamlin Company as lessee. The architect is Edward Necarsubmer.

Henry D. Winans & May have sold a lot on Fifth Avenue, 30 feet south of Seventy-fifth Street, 27 x 120 feet. The buyer, according to reports, will erect a modern house for his own occupancy on the site.

The directors of the Sumner Savings Bank have determined to remodel the bank building at No. 776 Broadway, Brooklyn, this coming spring, under plans prepared by Architects Helmle & Huberty.

Bernard Smyth & Sons have sold to Bing & Bing a 52.5 x 150 plot on the north side of 127th Street, 140 feet west of Broadway. It gives the buyers 93 x 150, on which it is said they will erect high-class six-story elevator apartments.

Douglas Robinson, Charles S. Brown & Co., have sold the Church Extension Committee of the Presbyterian Church the 25 x 199, northeast corner, at 178th Street and Grand Boulevard and Concourse. An edifice will be erected on the site, it is reported.

Douglas Robinson, Charles S. Brown & Co. have sold to the New York Red Cross Hospital the lot at the southwest corner of Central Park West and One Hundredth Street, and also the adjoining lot on the south side of One Hundredth Street. According to reports, the property will be improved.

The newly organized City Athletic Club, of which Frederick Lewisohn is president, has had plans prepared for the remodeling of the private school building at Nos. 48 and 50 West Fifty-fourth Street into a building suitable for its purposes. The plans call for an expenditure of \$50,000, which includes the cost of installing a swimming pool 60 x 20 on the fourth and fifth floors and a squash court on the roof, with adjoining dressing chambers; a running track and a new façade of ornamental stone with mansard roof. Herts & Tallant and A. S. Gottlieb are the architects, we understand.

Alexander Duff has bought two lots on the south side of 182d Street, east of St. Nicholas Avenue, from a client of J. Romaine Brown & Co. Mr. Duff owns an adjoining lot, and will improve with a high grade, non-elevator apartment.

According to reports, plans have been prepared for remodeling the synagogue at No. 52 Attorney Street and making over the façade, with a new exterior staircase, from designs by William Fried, architect.



Plans have been completed for remodeling the three-story and basement dwelling at No. 9 West 119th Street and installing offices on the main floor, for Samuel Siskind, as owner. Charles B. Meyers is the architect.

ROSEDALE, L. I.—At Rosedale the Diocesan Mission of Long Island has purchased four lots at the Terrace, on Oxford Road and Clinton Avenue, making a fine site for the new church which will be started immediately. Directly opposite, it is said, Mrs. Julian E. Osbourne purchased four lots as a site for a residence.

#### NORTH CAROLINA

TAYLORVILLE.—Plans for \$125,000 cotton mill, to be located here, are under consideration, we understand. O. L. Hollar will provide a site, and Fred H. White, representing investors, will take the remainder of the \$125,000 stock of a cotton mill projected here.

#### OHIO

CLEVELAND.—At a meeting of the directors of the Cleveland Athletic Club it was decided to bring up for informal discussion the question of a site for the new clubhouse. The new building will be centrally located and will cost about \$250,000. It will contain a finely equipped gymnasium, with running track and swimming tank.

DEFIANCE.—If the plans of a large Detroit syndicate materialize, in the spring work will start on another modern hotel building for Defiance, we understand.

WARREN.—The supervising architect at Washington has filed plans at the Builders' Exchange for a new post office building to be erected at Warren. Members of the exchange are invited to submit proposals for this work.

#### OKLAHOMA

CARMEN.—Sealed proposals will be received up to January 15, 1909, for the furnishing of all materials and labor for the erection of additions to the Odd Fellows home at Carmen, as shown by plans and specifications prepared by W. B. Burdett, architect, of Guthrie.

CLEVELAND.—Knights of Pythias will erect an opera house and lodge hall at this point, it is currently reported in the local press.

GUTHRIE.—Architect Arthur G. Dale, No. 1009 Admiral Boulevard, Kansas City, Mo., is said to be making plans for a three-story store building, 75 x 140 feet, for F. O. Lutz, of this city. Brick, gravel roof, steam heat, electric lights, wood floors, plate and prism glass. Estimated cost, \$20,000.

MCALISTER.—From reports in the local press we learn that the Elks at this point are contemplating rebuilding their structure which was recently destroyed by fire.

MISHAWAKA.—Congressman Barnhart has begun the preliminary steps, it is said, in an endeavor to secure \$100,000 for a public building in Mishawaka.

SALLISAW.—An object is on foot, it is stated, to remodel the Brown Palace Hotel Building by adding two stories, putting in an elevator, etc. I. H. Wakdimen, president of the Sallisaw Bank & Trust Company, of Sallisaw, is said to be one of the stockholders.

TULSA.—W. H. Nicely recently purchased of A. F. Ault and J. D. Hagler the forty feet next to the Nicely Building adjoining the Frederick, on Second Street. Mr. Nicely stated immediately upon the conclusion of the sale that he would begin at once the erection of a new building on his property, to cost between \$12,000 and \$15,000.

WILBURTON.—According to the local press, a church, to cost \$10,000, will be built by the Baptist congregation at this point.

WOODWARD.—Architect W. E. Hules is making plans for a building, to cost \$30,000, for a stock company. The same architect is also making plans for a two-story building for A. W. Anderson; estimated cost, \$6,000.

This city will vote for a bond issue of \$50,000 for the erection of a school building.

#### OREGON

KLAMATH FALLS.—Crowded conditions in all of the rooms of the public schools in this city has brought the need of another school building to the attention of the Board of Directors, and plans are now being made for the erection of another large structure during the coming year.

#### PENNSYLVANIA

JOHNSTOWN.—Edwin S. Greer, of Westmont, has accepted plans prepared by Architect Henry M. Rogers for a handsome residence to be erected next summer on the plot recently purchased by Mr. Greer in Southmont. The house is designed in the attractive Italian villa style, and its cost will be between \$10,000 and \$12,000.

KNOXVILLE.—A stone church and parsonage will be built on Orchard Street, Knoxville, for the Maple Avenue Baptist Congregation. It will cost \$30,000, and Thomas Hannah, of Pittsburg, is the architect.

NORTHSIDE.—Architect R. M. Trimble, of Pittsburg, is planning the \$30,000 industrial school to be built at Chartiers and Washington Avenues, Northside.

PHILADELPHIA.—Architect J. Frank Bradley, it is reported, has completed plans for a three-story flat house, 16 x 81 feet, at the northeast corner of Market and Mellick Streets, for Berman Brothers, brokers. The cost will be \$5,000.

It is reported that the congregation of the Trinity Presbyterian Church, Frankford Avenue and Cambria Street, is contemplating enlarging the church building.

There is some talk, we understand, among the parishioners of St. John's Protestant Episcopal Church, at Elkhart and Emerald Streets, of rebuilding and enlarging their building.

A large housekeeping flat-house is projected at Midvale Avenue and Oak Road, Thirty-eighth Ward, close by the Queen Lane station, on the Pennsylvania Railroad. A corporation known as the Philadelphia Housekeeping Apartment Company will erect the building, which will be known as the Queen Manor. It will be an eight-story structure, 165 x 145 feet.

R. C. Loos is reported to be designing an apartment house to be built in West Philadelphia at a cost of \$75,000.

J. Frank Bradley has finished plans, we understand, for a flat-house to be built at the northeast corner of Market and Millick Streets, for Berman Brothers, who are taking estimates.

Architect Edgar V. Seeler has completed plans for the \$1,000,000 printing house for the Curtis Publishing Company, which will occupy the eastern portion of the block bounded by Sixth, Seventh, Walnut and Sansome Streets. Plans will be in the builder's hands for estimates shortly after the first of the year, and it is expected that work will be under way about February 1.

The residences at Nos. 216-18-20 West Washington Square, at the corner of Locust Street, have been bought by Charles F. Jenkins. The new purchaser contemplates erecting there at some future time a printing office, it is said.

According to reports, it is understood that there will be a police station built in the near future at Venango and Cedar Streets.

PITTSBURG.—A modern store and warehouse suitable for produce commission men is to be built on the McEldowney property on Penn Avenue, just east of Twenty-first Street. The structure will be four stories, and will cover 48 x 100 feet. Estimated cost, \$50,000.

Architect M. Nirdlinger is at work, it is said, on plans for a center hall brick residence for S. B. Goldsmith. It will be located on Bartlett Street, near Wightman Street, Squirrel Hill, on a lot recently bought, and is to cost \$25,000.

Architect Carlton P. Strong is working on plans of a brick store and hall building to be erected on North Highland Avenue adjoining the Rittenhouse for C. L. Flaccus. The building is to be large and attractive, in keeping with the Rittenhouse, which is considered the prettiest and most up-to-date structure of its kind in the city.

It is stated that Attorney Joseph H. Reich and George E. Evans will shortly have twenty brick dwellings built on Park Avenue, near Lemington Avenue, Twenty-first Ward, costing \$30,000.

WILKES-BARRE.—Another apartment-house is to be added to the structures of that nature that are already located in this city, it is said, J. M. Burdick having completed a deal recently whereby he secured the Buckley property on West Union Street.

Plans for the erection of a three-story stone and brick business house have been prepared for Isaac S. VanScoy, the new structure to be located on Northampton Street, between South Main and Washington Street. The building will be 20 x 150.

## RHODE ISLAND

KINGSTON.—Sealed proposals are hereby invited by the Board of Managers for the Rhode Island College of Agriculture and Mechanic Arts for the construction of a building to contain dormitory accommodations for 100 students, an assembly hall and a dining-room, kitchen and accessories to accommodate 150 persons; the said building to be erected on the ground of the said college at Kingston, R. I., and to be constructed in accordance with plans and specifications on file and to be seen at the office of the architect, Leslie P. Langworthy, No. 37 Weybosset Street, Providence.

## TENNESSEE

KNOXVILLE.—Plans for the new bridge structures which are to be built on Gay Street, between Vine and Jackson Avenues, by the Brown-Ross Shoe Company and Johnston & Reed, have about been completed by Baumann Bros., architects, and will be ready for the contractors shortly. Both of the proposed new buildings will be four stories high on Gay Street and five stories in the rear on the alley.

According to reports, plans are now being made by local architects by which it is proposed to remodel the Cumberland Hotel. It is intended to make it one of the most modern hotels in the city.

We understand that the city of Knoxville will, under the direction of S. A. Mynders, Superintendent of Public Instruction, secure a high school building, to cost approximately \$100,000.

MEMPHIS.—Members of the medical staff of the city hospital are said to be discussing the proposed erection of much-needed additions to the hospital buildings.

R. Brinkley Snowden has advertised for plans, we understand, for a three-story apartment house, to cost \$40,000, to be located on the northeast corner of Court Avenue and South Fourth Street.

The Young Men's Hebrew Association will soon have a new \$80,000 home on their lot at Dunlap Street and Madison Avenue. The building will be three stories in height, with a basement. Bids are soon to be called for.

The Fabachers, of New Orleans, associated with Chicago and Memphis capitalists, it is rumored, are endeavoring to purchase property in the neighborhood of Madison, Third, Main or Monroe Streets, on which they propose to build a twelve-story hotel building. It is also said that A. J. Fabacher will be the manager of the hotel.

SHELBYVILLE.—The lot on which the new Federal building is to be erected has, it is understood, been selected by the officials of the Treasury Department. The lot fronts on Martin Street, near the Public Square. It is further stated that the building to be erected will cost not less than \$50,000.

## TEXAS

EL PASO.—The J. H. Nations Packery is said to have under consideration the erection of a new structure, to cost approximately \$100,000.

FORT WORTH.—That Fort Worth will be the location for a large cotton factory now in the East is now reported to be assured, we understand.

HAMLIN.—The Christian church congregation of Hamlin has announced that construction of the new church will be begun directly after Christmas. The church is to be built on the Carnegie library plan and is expected to be very artistic as well as commodious.

MINERAL WELLS.—Bids will be received at the Bank of Mineral Wells, Mineral Wells, until January 12, for the construction of a two-story and basement bathhouse to be built of concrete, brick and iron. For plans and specifications apply to R. H. Parry, architect.

ORANGE.—Prof. E. W. Staples, principal of the West Orange school, has stated that plans were on foot for a handsome new schoolhouse in that district. It is proposed to erect the building next spring.

SAN ANGELO.—Sealed bids will be received at the office of M. L. Waller, architect, Fort Worth, and by Dr. C. P. Mays, San Angelo, Tex., until January 15, 1909, for the erection of a three-story brick and reinforced concrete office building at San Angelo.

SAN ANTONIO.—I. M. Putnam, proprietor of the Hot Wells Hotel, has announced that after the first of the year \$350,000 will be spent in making improvements and additions, it is said. A 210-room addition to the hotel will be built.

Practically \$350,000 will be spent during the next year in improvement of the grounds and buildings of the Hot Well Hotel Company. Work will begin shortly after the first of the year. Principal among the improvements will be an addition to the main hotel building.

## UTAH

SALT LAKE CITY.—The old Maxwell nursery, on East Fifth South Street, between Third and Fourth East Streets, is to be torn down within the next few days to make room for \$40,000 worth of improvements to be made by Fred Kuster, it is said. There will be erected on this ground nine five-room cottages and one flat of six apartments of four rooms each.

## VIRGINIA

RICHMOND.—The Seaboard Air Line, it is reported, will spend in Richmond \$125,000 and in Manchester \$45,000 for terminal improvements. W. L. Seddon is chief engineer at Portsmouth, Va.

## VERMONT

ROYALSTON.—The Mormons of Salt Lake City, Utah, are contemplating building an immense hotel at Royalston, it is reported in the local press.

ST. ALBANS.—The St. Albans Messenger Company's plant was destroyed by fire recently at an estimated loss of \$45,000. At a meeting of the company's directors it was decided to rebuild the plant at once.

## WASHINGTON

SEATTLE.—The Seattle Electric Company has under consideration plans for caring for the cars to be used during the exposition period, and a barn with a capacity of fifty cars may be erected on the old baseball grounds at Thirteenth Avenue and Jefferson Street. The expenditure for building will be somewhere near \$75,000.

Charles S. Miller has purchased lot 6, block 20, A. A. Denny Addition, situated on the west side of Fifth Avenue, between Union and Pike Streets. It is the purpose of Mr. Miller, we understand, to tear down the frame structures now on the ground and replace them with a substantial brick building.

Crawford & Conover, representing the estate of the late E. R. Durkee, of New York, has sold to A. Weinberg the south 40 feet of lot 2 in block 10 of Maynard's plot. Mr. Weinberg will either put three more stories on the one story building on the site or tear down the present structure and erect a new building.

SEATTLE.—Bonds of the Irondale Steel Company to the value of \$500,000 are to be issued, it is reported, and the money made available is to be used at once in great improvements and expansion of the work of the furnace.

According to the local press, the Electric Transportation Company is preparing to build a garage and launch factory on the southern shore of Lake Union.

TACOMA.—Architects Heath & Twichell have completed drawings, we understand, for a \$7,500 residence for L. A. Jacox, to be erected at 715 North G Street. The dwelling will contain two stories and basement, and will be fitted with all modern conveniences.

Architects Heath & Twichell have reported the completion, we understand, of plans for a modern two-story dwelling to be erected at 621 North D Street for J. A. Wolbert, at a cost of about \$6,000. The dimensions of the house will be 32 x 53 feet.

The board of directors of the Ferry Museum are said to be taking steps toward the erection of a new building.

## WEST VIRGINIA

BRISTOL.—The King's Mountain Memorial Hospital Association here has voted to accept the \$5,000 site in Northwest Bristol as a gift from the Bristol Home Company. The association will build, according to reports, a \$50,000 hospital on the site.

## Current News

### STREET TREES AND THEIR CARE

Many cities and towns throughout the United States have learned when too late the value of street trees. New York thirty years ago presented in most of its streets marked contrast to the same thoroughfares today. Many cities have had a similar experience, and the value of well cared for street trees in suburban towns, as a valuable enhancement of real estate values, is beginning to be realized.

In most instances the reason trees have been allowed to die, or have been removed as unsightly, is because of ignorance as to their care and preservation. This lack of knowledge is in a sense inexcusable. The national government has issued much valuable literature on the care and preservation of trees, but aside from areas covered by public parks, the trees in cities have each year become fewer, until street trees in our larger cities are practically non-existent.

Bulletin No. 256, issued by the department of Rural Art, College of Agriculture of Cornell University, on the care and preservation of street trees, is a timely and valuable publication, and, as it is issued for free circulation, it should be studied with care by every official having in charge the trees in city streets.

Every phase of the care of trees is scientifically treated in this pamphlet, which is splendidly illustrated with half tones showing the various vicissitudes that trees in city streets are subject to.

As this matter is one that should interest architects, we believe the pamphlet referred to would afford an hour's most instructive reading.

### THE INTERIOR DECORATION OF THE CATHEDRAL OF ST. JOHN THE DIVINE

Artists and sculptors throughout the country are much interested in the preliminary report on the plans for the interior decoration of the Cathedral of St. John the Divine, just made public.

All the inscriptions, unless for some special reason, are to be in English and will consist principally of quotations from St. John's Gospel and the Apocalypse. The vaulting is to be decorated in mosaic, with the central figure that of Christ. Supporting figures of the Virgin Mary and St. John will be represented in attitudes of adoration. The whole space of the vaulting about the central group will be filled with figures representing the host of saints.

Above each of the great pillars of the apse are to be carved large figures of angels with extended wings standing as though guarding the sanctuary. Seven of the spaces are to contain figures in mosaic of burning lamps to symbolize the "Seven Spirits of God." It is recommended that the subject of the central window in stained glass be "The Light of the World." The plan of the reredos provides for three large figures, one in the center and one on each side, and six half the size of these three on each side, and sixteen small

ones. The central figure will represent apostles and prophets.

Eight square panels, representing scenes from the Gospel of St. John, are to decorate the crossing. Visions from the Rock of Revelations are to be represented in the lunettes and below the dome. The culminating vision is to be in a fresco above the triumphal arch entitled "The Heavenly City," with St. John the Divine.

The committee, consisting of the Rev. Dr. William R. Huntington, Bishop Kinsman and C. Grant La Farge, architect, announces that it submits this tentative scheme for the consideration of those interested and desires that it be carefully scrutinized.—New York *Herald*.

### ART JURIES AND THEIR CRITICS

We note with some surprise a telegraphic item in a recent issue of the New York *Herald* in which it is stated that a picture by Mr. Bertram D. Betts, an art student, rejected by the jury of the Chicago Art Institute, had been accepted and awarded the Wanamaker prize at the Pennsylvania Academy of Fine Arts in a competition open to all art students in the United States.

Accepting the *Herald* correspondent's statement as accurate the inference might be that the tenets of art as recognized in Chicago and Philadelphia are as far apart as these cities are geographically, but we believe such an assumption entirely unwarranted. The Chicago exhibition we are led to believe was that of the work of professional artists. Mr. Betts' picture, however good, would not, nor should it be eligible to such an exhibition; but in a competition of art student's work, such as was held under the auspices of the Pennsylvania Academy, Mr. Betts' entry was properly in its right class, and it is a pleasure to note that it has received the recognition and award to which it was entitled.

The anarchist, lately arrived in this country, when asked his politics, is said to have replied: "If you have a government, I'm opposed to it." This may properly sum up the attitude of most laymen and many artists as to art juries. These hard-working bodies have many sins of omission and commission to answer for, but they should at least be allowed to be heard in their own defenses, and until we have their account of the rejection of Mr. Betts' painting we believe justice demands that the *Herald's* statement if quoted should be taken as liable to correction.

### Book Notes

TWO FAMILY AND TWIN HOUSES, consisting of plans, elevations and photographic views of a number of dwellings of this class from various parts of the country. Selected and compiled by the editor of the *Architects and Builders' Magazine*. Wm. T. Comstock, 23 Warren street, New York. \$2.00 net.



In the preparation of this work much time and correspondence have necessarily been spent. No one who has not attempted a compilation of creditable designs for small houses appreciates the difficulties to be overcome, and in collecting plans for two-family houses these difficulties are greatly increased. In this work of 127 pages the work of 29 contributors is shown, together with considerable text and two detailed specifications.

## Industrial

### ILLUMINATING TILE.

To best facilitate the transmission of light to underground or covered spaces to make them available as renting space is a problem that confronts every builder and owner.

While the direct transmission of light rays presents no very serious problem, their deflection is apt to lead to diminution of intensity to a degree that calls for much study as to best methods to accomplish desired results.

The P. M. Bruner Granitoid Company, of the Frisco Building, St. Louis, of which Messrs. Albert Grauer & Co., of the Union Bank Building, Pittsburgh, are agents, are manufacturing a series of illuminating tile for which many important improvements are claimed.

Their illustrated catalogue clearly explains these advantages, and presents many new adaptations of illuminating tile of much interest to builders and architects.

### HEATING FURNACES

Catalogue No. 72, issued by Richardson & Boynton Co., of 232 Water Street, New York, illustrates and describes the "Perfect" heating furnaces made by this company.

Its pages show with much detail the results of many years of successful experience in this line of manufacture.

The hygienic value of pure warm air is of course undisputed. To supply this to the interior of the house in needful quantity, easily controlled, is the problem which has been satisfactorily solved by the Richardson & Boynton Co.

Positive air circulation over the largest possible heating surface is the feature which has been successfully attained in the manufacture of this line of furnace.

In these furnaces the time necessary to their care has been reduced to a minimum, while the perfect combustion secured makes it a most economical method of heating interiors of any size.

### STORE FRONTS.

A novel form of store front, devised and put on the market by a practical architect, is interestingly described in a pamphlet issued by Wm. H. Hoover, Jr., Tannery Building, Elizabeth, N. J., entitled "Hoover's Mechanical Store Fronts."

Mr. Hoover has devised a system of store-front construction that enables the extension of the window space during business hours, and its withdrawal at the close of the day. It is not possible to give a detailed description of this feature here, but to parties interested,

Mr. Hoover will mail his pamphlet free of charge, on application.

### CONCRETE REINFORCEMENT

The William B. Hough Company, Monadnock Block, Chicago, have issued a little book describing their reinforcing bar for concrete work. Reinforcing steel should have high elastic limit, great ductility and a mechanical bond sufficient to develop the strength of the steel. It is claimed by this company that their bar is nearer the ideal than any other so far brought out. In the making of this reinforcing, square bars of low carbon steel having an elastic limit of approximately 30,000 pounds and an ultimate strength of about 55,000 are twisted cold. By this process both the elastic limit and ultimate strength are said to be increased, the elastic limit rising to between 55,000 and 65,000 pounds. As the steel is low carbon in the first place and consequently ductile, there is no change in its ductility by the twisting. Furthermore, in the process of twisting cold any scale that is present will be broken off, helping to make a better bond, and any weaknesses in the bar will be shown up in uneven twisting. It is stated that the bars can be bent cold around their own diameter without showing signs of crack or break, which is pointed out as a good indication of their ductility and ability to stand shock.

### FIREPROOFING.

The General Fireproofing Co., of Youngstown, O., has issued a pamphlet illustrating and describing its line of manufacture.

The present demand for non-combustible manufacture of not only everything that goes into construction, but also every portable thing placed within the finished building, is well shown in this pamphlet. This company manufactures metal studding, furring and lath, expanded metal and wire fabric reinforcement. In addition to this important construction material, they make metal furniture, under the trade-mark of "Allsteel." This furniture includes complete equipment for banks and offices. The pamphlet issued shows many styles of desks, filing cabinets, and cases, tables and other necessary office furniture.

### FLOAT BALL FLUSH TANKS.

The perfection and efficiency of the modern structure is not so much in its larger as in its minor units.

The constant study and inventive genius brought to bear on the thousands of small details that contribute to the successful whole is producing a condition of efficiency and utility, combined with a cheapening of construction, that is patent to the thoughtful observer. In cheapening construction the first cost may seem excessive, but the item of durability and the freedom from cost of maintenance and repair must be considered.

It is not possible, in this space, to state at length the many claims, which appear well founded, set forth by the Enameled Steel Tank Co., of Kalamazoo, Mich.

Their attractive illustrated pamphlet is a well-written exposition of their line of porcelain enameled flush tanks, and may be had for the asking.

# Building News

## CALIFORNIA

**PALO ALTO.**—According to current reports Peter Mullen is arranging to construct a brick building at 440 High Street, which will replace the frame structure now occupied by the Live Oak Stables.

**PASADENA.**—We understand that steps are being taken at this place by Mayor Earley for the erection of an engine house at the corner of Hurlbut Street and Pasadena Avenue.

Mrs. Amelia Seibert has purchased a beautiful home site in Oak Knoll. According to the local press it is Mrs. Seibert's intention to commence the immediate erection of a \$15,000 home which will be one of the handsomest in the beautiful Oak Knoll district.

**SAN FRANCISCO.**—A business building of six stories is to be erected by E. Gallois on the north side of Sutter Street, 107½ feet west of Grant Avenue, upon a lot having a frontage of 41½ feet on Sutter Street and a depth of 126 feet. This building will have a basement, and the first floor will be arranged for a store, while the upper floors will be lofts intended for business purposes.

**WILLOW.**—The plans and specifications for a one-story frame building to be used as a cement goods factory by the county of Glenn have been submitted to the supervisors by A. A. Brown, architect, and have been adopted. The board ordered that bids be asked for by February 3.

## CONNECTICUT

**NEW HAVEN.**—We understand that a ten-story, 15-family tenement house is to be built at the corner of Wooster and Olive streets by Pasquale Valente.

Extensive changes will be made in the New Haven House in the near future. Rumor has it that Mr. William H. Moseley intends to extend the hotel considerably, possibly including the building now occupied by the Quinnipiac Club. Also that he intends to secure the property adjoining the hotel on the College street and make it into an apartment hotel.

**WATERBURY.**—Sketches have been completed by Architect Joseph A. Jackson, of New York City, for the erection of a new store and apartment block at the junction of North Main and Cooke Streets. Thomas P. Hutchinson is to be the owner of the new block. The plans provide for a five-story brick building, 73 x 68 feet, arranged for sixteen apartments and three stores. The plans will be completely finished in a few days, when they will be put out for estimates.

Architects Freney & Jackson have plans out for figures for a new apartment block to be erected on Willow Street for John S. Finn. The block will be built of brick, and will be four stories high. The dimensions will be 45 x 80 feet. It will contain eight apartments of six rooms each.

## DELAWARE

**WILMINGTON.**—According to the daily press, H. B. Seeds is making preparations to erect, at Eleventh and Rodney Streets, eight fine residences. Work will be begun on them as soon as the weather settles.

## GEORGIA

**ATLANTA.**—A. Ten Eyck Brown, architect, has prepared plans for an addition to the Alfriend Building to cost approximately \$8,000.

## ILLINOIS

**CHICAGO.**—A new Sherman House, twelve stories in height, is planned by Joseph Beifeld, proprietor of the present hotel, it is stated.

An elaborate five-story factory, warehouse and exhibition building is to be erected in "Streeterville" by the University of Chicago for the W. K. Cowan Company, at an estimated cost of about \$200,000. The building will occupy an entire block on Lake Shore Drive, from which it will set back twenty feet behind an ornamental plot of flowers and lawn.

**JOLIET.**—We understand from the local press that the Central Trade Labor Council is discussing the erection of a Labor Temple in Joliet.

**PEORIA.**—The corner lots on Liberty and South Jefferson Streets, now occupied by the old Jefferson House, is to be improved with an eight-story building, it is said. The owners in back of the project are the Jefferson Safe & Deposit Company, W. L. Brackett and the Westlake Construction Company, the same parties who are erecting the Jefferson Safe & Deposit Company's building at the corner of Fulton and South Jefferson Streets.

Plans for the proposed city isolation hospital to be erected at the foot of Grant street on the river bank below the workhouse have been approved, it is stated. The plans have been prepared by Robert J. Hotchkiss, architect.

## IOWA

**MARSHALLTOWN.**—Plans for a building which will be erected next summer by Marshall Lodge, No. 312, of Elks have been accepted by the lodge, and the Elks' Improvement Company, which will finance the undertaking, is now in the process of organization. The building will cost \$40,000, and it is to be erected in the business section on a valuable tract of land owned by the lodge. It will be two stories in height, with ground dimensions of 90 x 120 feet.

## KANSAS

**WICHITA.**—Plans have been drawn for a California mission-style residence to cost \$35,000, which is to be built this spring by J. O. Davidson, president of the United Gas Company, at the Wichita Union Stock Yards.

A new theater is to be built next spring by the Klaw & Erlanger theatrical corporation. It is to be located just south of the present Crawford Theater.

## KENTUCKY

**DANVILLE.**—A movement is on foot to erect a public hospital on McDowell Park in Danville, it is reported.

**LEXINGTON.**—According to reports in the local press the Fayette Gun Club is to have a new club house in the near future.

The members of the Commercial Club, of Lexington, are said to be discussing the expending of \$75,000 in the erection of a new club building.

**LOUISVILLE.**—Architect C. A. Curtain, we understand, has been commissioned to prepare plans for extensive alterations to the City Hall Building at this point.

A five-story concrete and steel building with a 60-foot frontage is to be erected at 642 and 644 Fourth Avenue, to be occupied exclusively by Jennie C. Benedict & Company. When completed the building is expected to cost \$100,000, and will be the largest single building erected in the city during the year.

The congregation of the Central Christian Church has purchased a lot at Floyd and Oak Streets and are planning the erection of a handsome building. The church was formerly located at Second and Kentucky Streets, but the location was unsatisfactory and the property was sold.

## MARYLAND

**BALTIMORE.**—Architects Baldwin & Pennington have completed plans for the new moving-picture theater to be erected at 30 to 34 West Lexington street by Pierre C. Dugan & Nephew, agents, it is said.

We understand that Charles W. Hurst has bought, through Whyte & Thompson, the dwelling property at 24 East Preston Street. He will make extensive improvements to the property and occupy it as his home.

## MASSACHUSETTS

**HOLYOKE.**—The subject of a contagious hospital at this point is being discussed, we understand. It is probable that at one of the early meetings of the board of aldermen an appropriation of at least \$25,000 will be sought for the founding of such a hospital.

**LAWRENCE.**—Edwin J. Hylan has purchased the Musketaquid mill property in Howe Street. Mr. Hylan intends, it is said, to

tear down the old buildings and in the spring erect a five-story brick addition to the Musketaquid mills.

**NEW BEDFORD.**—We understand from the local press that the plans of Architects Clough & Wardener, of Boston, have been accepted for the new High School Building to be erected at this place.

The United Street Railway Company is said to be having plans prepared for a new building to be erected at the corner of North Water and Elm Streets.

Announcement has been made by Gedeon Poisson, of G. & L. Poisson Co., that the building situated on Cove Street, from First to South Water, would, this spring, be torn down and a new block for tenements and stores erected on the site, involving an expenditure of thousands of dollars.

### MICHIGAN

**DETROIT.**—One of the largest 5 and 10 cent theaters in the United States is planned by the Harris Amusement Company, of Detroit, to be installed in the Kanter Building at Monroe Avenue and Cadillac Square. John Harris, manager of the Grand Opera House, of Pittsburg, will be the active manager, and associated with him are the following Detroiters: Charles E. Kanter, Henry Kanter, Jr., Edwin A. Burch, James Howard, Ed. E. Kane, W. W. Hannan and Henry I. Forsyth. The company is capitalized at \$100,000.

**MONROE.**—The Boehma & Rauch Company will erect an addition to its board and box factory here at a cost of \$200,000, it is said.

### MISSOURI

**KANSAS CITY.**—Property at the northeast corner of Fifteenth and Main Streets was sold recently by the Rieke-Nolan Realty Company to William D. Crow. According to Mr. Crow, a new building will be erected on the site soon.

### NEBRASKA

**OMAHA.**—The Board of Education, after a number of executive sessions and committee meetings, has decided on Broadway and Oak Street as the location for the new school house to be erected for the accommodation of the children in the eastern part of the city.

Notice is hereby given that the Board of County Commissioners for the County of Douglas, and State of Nebraska, will receive bids for the construction of a court house for Douglas County, according to the plans and specifications on file in the office of the county clerk of said county until March 1, 1909. Copies of the plans and specifications can be obtained from D. M. Haverly or from the architect, John Latenser, 632 Bee Building, Omaha, upon application.

### NEW JERSEY

**FLORENCE.**—The Ladies' Auxiliary of the Ancient Order of Hibernians, of Florence, are said to be taking steps to provide funds for the erection of a rectory for the Roman Catholic Church at St. Clare.

**JERSEY CITY.**—John Mullins, of Newark Avenue, has had plans prepared for the erection of a three-story brick business building to be located at 173 Newark Avenue, Jersey City. The building will be 29 x 129 feet and will have all modern improvements.

James Billington will shortly start work on the erection of a four-story brick apartment house to be erected on the northeast corner of Tonnele and Van Reipen Avenues, Jersey City. The buildings will be 31 x 61 feet each; estimated cost, \$15,000 each.

### NEW YORK

**BUFFALO.**—The A. Schreiber Brewing Company has announced that within a few weeks it will break ground for the construction of a modernly equipped three-story office building at No. 658 Fillmore avenue. Plans for erection of the building have been prepared. The new office building will cost \$21,000.

**JAMESTOWN.**—Dr. W. W. Hotchkiss has purchased from James Doyle, through the real estate agency of Gilberts & Son, the property at 14 and 16 East Second Street, known as the Gron property. Dr. Hotchkiss intends to erect a block on the property on First Street in the spring.

**HILTON.**—If present plans materialize, Hilton is to have a cold storage plant to cost approximately \$90,000. A company

has been organized for the purpose of carrying the project through. The directors are Messrs. Rogerson, of Le Roy; Beckwith, of Albion; Berringberg, of New York; Frye, of Rochester, and V. A. Hovey, P. B. Clapper, W. I. Smith, E. E. Collamer and F. J. Simmons, of Hilton and Parma.

**NEW YORK.**—Maximilian Zipkes, architect, is drawing plans, it is reported, for the erection of a six-story apartment and store building at the northeast corner of 173d Street and Washington Avenue, for Louis E. Klevan. The building will cost about \$85,000.

Harry White has sold to Stephen B. Egan the lot, 25 x 100, on the west side of St. Nicholas Avenue, north of 176th Street. Mr. Egan owns the corner and will, it is said, improve the entire plot.

The properties at 114 East Fourteenth Street, 25 x 106, and 111 to 121 East Thirteenth Street have been bought by Sullivan & Kraus. On the property at present are several four and five-story buildings, which will be torn down when the existing leases expire next May, to make way for a new theater.

Plans have been prepared for three five-story residences to be built at 44, 46 and 48 West Eighty-sixth Street, for the Central Building & Investment Company. They are to be 25 feet front each and 64 feet deep. The three will cost \$135,000. Henri Fouchaux is the architect.

Samuel McMillan has sold to the A. C. & H. M. Hall Realty Company the plot of five lots at the northwest corner of West End Avenue and Ninety-seventh Street. According to reports, a 12-story apartment house will probably be erected on the site by the new owners.

The Fluri Construction Company has bought the block front on the east side of St. Nicholas Avenue, between 176th and 177th streets. The property will be improved with two high-class elevator apartment houses, it is reported.

Philip Freudenmacher has bought the southwest corner of Kelly street and Leggett Avenue, a plot 118 by 132 by 110, and, according to reports, will erect thereon three four-story flats from plans by A. E. Davis.

It is said that J. H. Monheimer will build eight-story studios and bachelor apartments at Nos. 225-227 West Fifty-eighth Street, 50 x 88. The house is to be of ornamental brick, with extension. There will be offices on the lower floors; on the second a small auditorium. The building is to cost \$260,000. C. W. Buckham, architect, has prepared the plans.

John H. Scully has bought the lot, 20 x 99, on the north side of 159th Street, east of Edgecombe Avenue. Mr. Scully owns 100 feet adjoining, and will, according to reports, erect three 40-foot apartment houses on the plot.

Architect Samuel Sass has prepared plans for a six-story apartment house, to be built by Leon Sobel at the northwest corner of Manhattan Avenue and 109th Street, at a cost of \$125,000.

Plans have been prepared for a six-story elevator apartment house to be built by the Zengendal Realty Company at the northeast corner of Broadway and 135th Street. Plans are by Townsend, Steinkle & Haskell. It is to cost \$130,000.

B. F. Goodrich Company has had plans prepared for the twelve-story and basement lofts and automobile storage to be built at Nos. 1780-1782 Broadway, 53.10 x 106. Howard Shaw, Waid & Willauer, the architects, place the cost at \$250,000.

Julia A. Fitzgerald will enlarge the nine-story lofts and store, Nos. 16 to 20 East Twelfth Street, with a side addition of nine stories, 20 x 103, at a cost of \$65,000. Architect W. C. Hazlett has prepared the plans.

Property at Garrison Avenue, northeast corner Hunts Point Road, is to be improved by one-story brick stores. H. Margenthau is the owner, and J. F. Meehan, architect. Estimated cost, \$30,000.

According to reports Architect Charles Stegmayer has prepared plans for enlarging the four-story West Side German Dispensary.

Michael Tully has bought the six lots on the east side of Whitlock Avenue, 250 feet north of Barretto Street, and will, we understand, erect four-story flats on the property.

**NIAGARA FALLS.**—The enlargement of the Parliament Building was discussed, it is understood, at the meeting of the Ontario Cabinet recently. It is proposed to erect a new wing to the present structure and to locate in it the library, archives,



patents, survey department, etc., which require to be carefully preserved. The cost of the addition to the building would, it is said, be about a half million dollars.

ROCHESTER.—J. H. Moore has formally accepted the plans of his architects, Leon H. Lempert & Son, it is reported, and March 1 work will be started on the new vaudeville theater, to be called the Temple, which will materially improve South Clinton Street.

SCHENECTADY.—The preliminary plans for the proposed county building have been submitted by Architect W. L. Stoddard, of New York City, and approved by the board on report of the committee on new buildings. These plans call for a building similar to the one previously proposed, the plans for which were rejected, the cost of construction and furnishing exceeding the amount appropriated, which is \$400,000.

SYRACUSE.—Through Mr. Hughes, Charles Parsons has purchased a vacant lot in Manlius street. It is 35x130 feet in dimensions, and we understand that Mr. Parsons will use it as a site for a handsome private residence, which he will build in the spring.

WHITE PLAINS.—Ten acres of land, on Purchase Street, has been bought by Robert Frothingham, of New York, who will build a residence on the property.

YONKERS.—Architect James A. Watson is now planning a six-family apartment for Messrs. Scott & Mack, to be erected on Van Cortland Park Avenue, and a seven-family apartment house for Charles Merritt, to be erected on Coddington Street. He is also drawing plans for a theater building to be erected on Main Street.

## OHIO

CLEVELAND.—Property at the southeast corner of Hough and East Fifty-fifth Streets has passed from J. Babin, with offices in the Society for Savings, to N. A. and B. T. Quilling. Mr. Babin has stated that he in turn has taken a lease on the property, and will at once improve this corner with the erection of a two-story brick block.

COLUMBUS.—It is understood that the Tracy-Wells Company is about ready to begin work on the new five-story building to be erected on the southwest corner of Spring and Front Streets. The architects, Richards, McCarty & Bulford, however, have not invited bids as yet, it is said.

H. Chas. Jones, architect, Deshler Building, is said to have been engaged by Mrs. Bessie L. Maullar to prepare plans and specifications for two up-to-date apartment buildings, to be built on the northeast corner of Neil and Fourth Avenues, both to face on Neil Avenue; estimated expenditure, \$32,000.

DAYTON.—The United Brethren Publishing Company has bought property on Market street, and, according to reports, will improve same with an eight-story reinforced concrete building.

NEWARK.—Architects Howell & Thomas, of Columbus, are preparing plans for six residences to be built at Newark for W. F. Wheyrle. They will be single and contain seven rooms each, with all modern improvements.

PIQUA.—The Piqua Furniture Company will begin the erection of a new building, 70x112 feet in size, as soon as the spring opens up sufficiently to get at the work. The factory will be located close to the present plant and be of modern factory construction three stories high, built entirely of brick.

## OKLAHOMA

GUTHRIE.—The board of regents for the State normal schools will soon advertise for bids for the new main hall at the Southwestern Normal School, for which the first State Legislature appropriated \$100,000.

HUGO.—The Choctaw County Commissioners have decided to submit to a vote of the people a proposition to issue bonds for \$125,000 for the purpose of erecting a court house and jail, the former to cost approximately \$90,000 and the latter about \$35,000.

OKEMAN.—Plans are being prepared, we understand from current reports, for a court house and jail, which are to be built here at a cost of \$100,000.

OKLAHOMA CITY.—We understand from reports in the local press that the Oklahoma City Club is taking measures to purchase the Knox Farm, just north of Belle Isle, with a view to improving same with a handsome club house.

Plans are being drawn, we understand, for the erection of a

five-story fire-proof office building at the corner of Main and Harvey streets. The building will be erected by Mrs. Augusta Wright. It is estimated that the new building as proposed will cost \$85,000.

TULSA.—A new structure will be erected by E. D. Mitchell and C. D. Jenal, owners of the Mitchell-Jenal building on Second, between Boston and Cincinnati Streets. The new structure will adjoin the present building. It will have a ninety-foot frontage, and will be constructed of brick, with stone trimmings. The building when complete will cost, approximately, \$30,000.

Adjoining the present Nicely Building, W. A. Nicely will erect, we understand, a new structure. Like its predecessor, it will be two stories in height. The building will have a frontage of forty feet, will be constructed of brick and stone, and will cost \$15,000.

VINITA.—From current reports we learn that this city is planning a hall to cost about \$50,000, which will also be large enough for all purposes.

## OREGON

FREEWATER.—At an election held recently it was decided to bond Freewater and Milton for \$35,000 and invest the amount in the erection and equipment of two school buildings. One of these structures, to cost \$25,000, will be located on the site of the old Milton School, and the other, to cost \$10,000, will be in Freewater.

PORTLAND.—It has been announced that plans are being drawn for a \$100,000 apartment house, to be erected as soon as possible on the southeast corner of Twenty-third and Ford Streets.

According to reports A. B. Ewing, who recently moved to this city from Boise, and George Hare, of St. Paul, Minn., are the owners of the lots and will erect the apartments.

## PENNSYLVANIA

ARDMORE.—Harbert, Claghorn & Hood, of Philadelphia, have sold a lot 125x200 feet at the corner of Montgomery Avenue and Glenn's Lane, Ardmore, to William A. Allison. The purchaser will probably build a house on the ground.

BELLEFONTE.—Plans for a large gymnasium and athletic field, to be built at State College, near Bellefonte, are in course of preparation in the office of Architects Seymour Davis & Paul A. Davis, 3d, of Philadelphia, it is said. The total cost will be about \$350,000.

GERMANTOWN.—Architects Brockie & Hastings, of Philadelphia, have a commission to plan a stone house to be built in Germantown for Alfred Scattergood at a cost of \$15,000.

GETTYSBURG.—It is said that Herman Miller, of Philadelphia, has won in the architectural competition for a banking house for the Gettysburg National Bank. It will be a granite structure, 45x100 feet, and will cost \$50,000.

MERION.—Settlement was made recently by John H. McClatchey for a tract of 3¾ acres at the corner of Montgomery and Highland avenues, Merion, which he purchased through William H. Wilson & Co., brokers of Philadelphia. Mr. McClatchey is having plans prepared by Architects McIlvain & Roberts, of Philadelphia, for the erection of a large stone Colonial residence on the land.

MORGANTOWN.—According to current reports, it is probable that within the next six months or a year plans for building an addition to the court house will be completed.

MOUNT POCONO.—Harry J. Kohler has had plans prepared by Henry J. Reinhold, Jr., of Philadelphia, for a \$500,000 hotel and sanitarium which it is planned to have built at Mount Pocono. The building is modeled after the Colonial, in Jacksonville, Fla.

NEW LEBANON.—J. L. Rutter, the real estate man, has closed up the sale of a Hathaway Park lot, fronting 412 feet on the south side of Walnut Street and extending between Second and Third Streets, to C. F. Copenhaver, the furniture dealer at 520 Lehman Street. Eighteen modern houses will be erected on the lot, it is said.

OAK LANE.—Architect Horace Trumbauer, of Philadelphia, has been commissioned to plan a large house to be built in Oak Lane for Peter Woll, Jr., it is said.

PHILADELPHIA.—Architect E. Allen Wilson is said to be planning a large flat house, to contain twenty-five suites, which will be built at Forty-fourth and Chestnut streets for the Real

Estate Bonding Company. It will be four stories high and will measure 150x80 feet.

Among the large improvements contemplated this year is a handsome granite church building for the Roman Catholic parish of Our Lady of Victory, to be built at Fifty-fourth and Vine Streets. Plans for this structure, which will cost about \$150,000, are in preparation by Rowland W. Boyle, architect. It will be of granite one story high.

E. Allen Wilson, architect, is preparing plans for a two-story house, to be built in Wildwood Crest for Mrs. Frank Soley. It will be of cement blocks and shingles, 43 by 36 feet in dimensions.

According to reports, new and more extensive quarters are being planned by members of the West Philadelphia branch of the Young Men's Christian Association.

The Way Muffler Company is reported in the local press as intending to build a five-story addition to its plant.

Architects Savery, Scheetz & Savery are said to be completing plans for two houses to be built for George M. Rundle at Wayne Avenue, near Horter Street.

We understand from current reports that Architect L. V. Boyd is planning a large suburban house, stable and garage.

E. E. Blackman has finished plans, it is stated, for the erection of a Methodist Episcopal Church at the northeast corner of Sixty-third Street and Grays Avenue. It will measure 47 x 70 feet.

PITTSBURG.—Architect H. E. Mills is taking bids for a four-story brick and stone warehouse at 329 Water street for J. and C. McCune.

We understand that the delegates to the convention of the Phi Kappa Sigma fraternity, in session here, decided to raise \$200,000 for the purpose of erecting 12 homes at different sections of the United States.

WAYNE.—George W. Pepper has commissioned Architects Newman & Harris, of Philadelphia, to prepare plans for practically rebuilding an old farmhouse on the Pepper estate at Wayne, at a cost of about \$25,000.

## TENNESSEE

MEMPHIS.—The old Elder homestead, 223 South Front Street, near Beale Avenue, has been sold to the Riechman-Crosby Hardware Company. The new owners will erect a four-story brick and stone building on the ground that will cost in the neighborhood of \$75,000. The contract will be let some time in January, and the building completed in time for the company to occupy it by Sept. 1, 1909.

According to current reports C. W. Talz, president of the Evansville (Ind.) Veneer Works, capitalized at half a million dollars, has purchased a large tract of land from the Union Land and Improvement Company, in Memphis, on which they will begin, within the next few weeks, the construction of a factory to manufacture veneering of different grades.

The Fabachers, of Mobile, associated with Chicago and Memphis capitalists, it is rumored, are endeavoring to purchase property in the neighborhood of Madison, Third, Main or Monroe Streets, on which they propose to build a 12-story hotel building. It is also said that J. A. Fabacher will be the manager of the hotel.

NASHVILLE.—We understand that measures are to be taken to employ an architect to draft plans for the remodeling of the County Court House at this point.

## UTAH

SALT LAKE CITY.—Bids on the material and the construction of the new building of the Salt Lake Stock & Mining Exchange, to be erected on Exchange Place, will be received at the office of the architect, J. C. Craig, 409 D. F. Walker Building, up to January 18, 1909.

## TEXAS

BEAUMONT.—The ladies composing the Woman's Reading Club of Beaumont have determined to erect a substantial and artistic club house on Magnolia avenue. The building was designed by Architects McDonald & Co., it is said.

DALLAS.—The erection of a seven-story structure adjoining the Slaughter Building on the east is planned by Col. C. C. Slaughter. Two additional stories will be added to the Slaughter

Building, so that the old structure and the new, adjoining one another, will be one of the same height.

An institutional church is being planned for erection on Cochran Street on the site purchased as the new location of Wesley Church. The institutional church is expected to cost about \$6,000. Rev. Daniel Shrimpf is pastor.

It is understood that Sanger Brothers will at once begin the demolition of the two-story building known as the Cozy Corner, at the corner of Lamar and Main Streets, and on that site there will be erected, in a style of architecture to correspond with the six-story building on Main Street, a structure of eight or ten stories. This ground measures 50 feet on Main Street and 100 feet on Lamar Street.

DENTON.—President Bruce, of the North Texas State Normal School, at Denton, has turned over to the State Board of Education plans and specifications of a principal's house which will be erected by the school at Denton. This board will approve the plans and specifications soon after Jan. 1, and return them to the local board of that institution to award the contract.

HEREFORD.—Petitions have been circulated among the taxpayers of Deaf Smith County requesting the Commissioners' Court to order an election for issuing bonds in the amount of \$75,000 for the purpose of erecting a modern courthouse.

PORT ARTHUR.—The City Council has given to John W. Gates, on his request, two plots of ground, on one of which is to be erected a coeducational college, to cost \$100,000. On the other will be constructed a hospital, to cost approximately \$20,000.

SAN MARCOS.—The State Bank & Trust Company, it is said, will in the next few weeks begin the erection of a three-story bank building on the northwest side of the square.

From reports in the local press we understand that the First National Bank will at an early date commence the erection of a three-story building on the southwest corner of the square.

WACO.—We learn from reports that Edward Toby has announced that he will erect a \$40,000 business college on South Fourth street, corner of Webster, on the old Woodward property.

The Clifton-Coffield Manufacturing Company will soon erect a big building at this point, we understand. Albert Clifton is president.

## WASHINGTON

SEATTLE.—Preparatory to the erection of an apartment house costing about \$60,000, Edward Brady recently transferred to the Monmouth Building Company, in which he is interested, the entire Yesler Way front of the block on the north side of the street between Twentieth and Twenty-first Avenues. The building to be erected will be brick veneer. It will contain fifty-one apartments of three, four and five rooms. The architects are Thompson & Thompson.

The Seaboard Security Company has transferred to the Boston Trust Company, a local corporation, seventeen lots in the Laurelhurst Addition. The property will be improved with residences costing from \$4,000 up. J. E. Pinkham also bought a lot in the same addition, and will, it is said, improve it with a residence costing several thousand dollars.

Josiah Collins is preparing to erect a three-story building on the east side of Second Avenue South, just below Yesler Way, after plans prepared by Somerville & Cote, architects, it is said.

The Pacific & Puget Sound Bottling Company is preparing to expend \$50,000 on an apartment house with stores on the first floor, at Minor avenue and Stewart street. The architects are Spalding & Umbrecht.

Architect J. O. Taft is making plans for a six-story hotel, to be built on Second Avenue, near Cedar Street, for A. A. Donaldson. The building will be semi-fireproof. The building complete will cost about \$70,000.

SPOKANE.—The Grote-Rankin Furniture Company, one of the largest furniture dealers in Spokane, will build a six-story warehouse on the Northern Pacific tracks near Division Street. The warehouse will cost \$80,000.

We understand that the trustees of the old National Bank are contemplating the erection of a new twelve-story structure.

Alki Lodge, No. 152, F. & A. M., is planning to erect a fine hall at West Seattle, it is said. The building proposed will be of brick, three stories high.

## CURRENT NEWS

### THE GARDEN OF THE GODS

One of the scenic wonders of the world, "The Garden of the Gods," has, through the gift by the heirs of the late Charles E. Perkins, passed to the possession of the people of Colorado.

The tract donated comprises about 400 acres. The heirs, with one exception, live in and around Boston. It contains marvellous specimens of rock formations, caused by the erosion of wind, water and gravel in ages past. Perhaps the most remarkable examples are the so-called "Cathedral Spires" and "The Seal and Bear."

The former are composed of several sharp, jagged crags that rise from an oblong formation, one of which towers above all the others, giving the impression of a main spire.

The other group represents a great bear with a paw poised to strike down a seal.

Most of the formations are of red and white sandstone, but the gateway is formed of two huge masses of bright red rock, 330 feet high, between which run the entering roads.

The late Charles Perkins bought the tract in 1879 and since, by his wish, it has remained ever open to the public.

### STREET WEATHER STATIONS

The first of what is intended to be a series of meteorological kiosks has been erected at Washington, D. C. This has been erected under the supervision of the United States Weather Bureau. Instruments installed in this kiosk comprise a thermograph, to automatically record the street temperature; thermometers, self-registering to record maximum and minimum temperatures; a hygrometer, to measure humidity, and an automatic self-registering rain gauge.

While the public will not be permitted to enter these kiosks, they may, through the four windows, read the instruments, the weather maps, and the forecast cards, all of which will be conveniently displayed.

It is the intention of the Weather Bureau, should the working of this kiosk prove successful, to establish similar booths in the larger cities throughout the country.

### INTERNATIONAL ARCHITECTURAL EXHIBITION, ST. PETERSBURG

Anyone visiting this exhibition and expecting to see a representative collection of European architecture would be disappointed, for the exhibition is international in intent only. France and Germany are represented by a few designs for industrial buildings, and America by one pavilion; that is all. It is a matter of deep regret that circumstances should have combined to prevent a suitable response to the efforts of the St. Petersburg Society of Civil Engineers. The Russian pavilions were designed in the style of the period of Peter the Great, the best painters and sculptors collaborating in the work. The Finnish pavilions are noticeable for their monumental severity. The educational

section, which exhibits students' work from the numerous schools of decorative art, carpenters' shops and goldsmiths' workshops, founded in different parts of Russia, illustrate the level and methods of art education in the country. Among other schools in Kiev, Warsaw, and elsewhere, we would mention the School of Architecture for Women and the Polytechnic School for Women. In the section for agricultural hygiene the English system of biological filtration of sewage attracts attention. At this moment the septic tank has been introduced into more than fifty localities in Russia. The exhibition is a success in so far as it attracts the public who show neither indifference to nor lack of interest in architecture, reputed to be the least popular among the arts.—*The Builder*.

### CO-OPERATIVE APARTMENTS

Co-operative building, by people of similar tastes, seems to be at its height in New York City at the present time. Among the earliest and most important examples of this class of building was the Home Club, completed about two years ago, after plans by Messrs. Tracy & Swartwout. Since then many apartments, modeled after the duplex plan, have been built. Artists appear to favor this form of building, and the 66th Street studios, the Gainsborough on Central Park South, and the large studio apartments adjoining the new Lotus Club building in 57th Street are recent examples.

The "duplex" form of construction appeals to the artist, painter or sculptor, as it admits of a studio room of good height, extending through two stories. Quaint old Gramercy Park is the site chosen for the latest of these co-operative dwellings. Here seven incorporators of widely different pursuits, but similar tastes, will erect a home of unique character in its appointments.

In buildings of this description the cost is defrayed by the incorporators, to whom stock is issued representing their equity in the venture. Each stockholder thus becomes virtually an owner for life in his apartment, as each holds a lease in perpetuity.

To conform to the tradition of this old section of New York, and the style of architecture of the dignified residences that front the park, this new venture in co-operative building has been planned on Colonial lines. Each of the several owners will dominate the architectural treatment of his apartment, and as they are all men of known wealth and culture, the result will no doubt present many interesting features of the modern home.

### PERSONAL

J. T. McLaughlin, C. G. Pettit, Jr., and S. S. Johnson, architects of Lynchburg, Va., have formed a co-partnership for the practice of their profession. Their offices will be located in Lynchburg, Va., and Danville, Va., under the firm name of McLaughlin, Pettit & Johnson. Mr. C. G. Pettit, Jr., will have charge of the Danville office, and would be glad to receive manufacturers' samples, catalogues and other descriptive matter.



George W. Graves, architect, announces that his new office is located at Suite 55-56 Rowland Building, 179 Shelby Street, Detroit, Mich.

We are advised that A. E. Gredig and S. H. Lynn have formed a co-partnership to practice the profession of architecture under the firm name of Gredig & Lynn, with offices at 405 Bank & Trust Building, Knoxville, Tenn.

Mr. William R. Powell has opened offices for the practice of architecture at 1106 Hippodrome Building, Cleveland, Ohio, and desires catalogues of manufacturers of building materials and appliances.

### BOOK NOTES

CONCRETE: ITS USES IN BUILDING, FROM FOUNDATION TO FINISH, by Thomas Potter. Third edition, revised and enlarged; cloth, 330 pp, 5½x8½; price, \$3.00 net. New York, D. Van Nostrand Co.; London, B. T. Batsford.

In looking through this extremely useful publication, we are reminded of a conversation held some twelve months or more ago, with a large property owner and builder in a suburban town. Replying to a question as to why, in view of the fact of the recognized merit of cement as a material in building small country houses, he had not availed of it, he replied that it was because his men did not know how to handle it. Since then we have a number of times had brought forcibly to our attention this same condition.

A book like the one in hand, written tersely and free of technical terms, is a valuable aid in the understanding of the method of present day cement practice, and it would seem that it would prove profitable reading for all engaged in building.

### INDUSTRIAL

#### "SOME GOOD BRICK WORK"

It is significant of the growing appreciation, and consequent demand for artistic effects in building, that the face brick industry in America has during the last decade been compelled to entirely change the character of its product.

The insistent demands of the architect for brick of varying color and texture to enable him to successfully complete the color scheme of his façades, has been met, and through the foresight and skill of the manufacturer had suggested to him many possibilities of form and color not hitherto attained.

Fiske & Co., Inc., of Boston, New York, Rochester and Schenectady, have issued an illustrated pamphlet 8 x 10 inches, of high typographical excellence, entitled, "Some Good Brick Work." This pamphlet, which we are advised may be had on request, should be of material assistance to the architect.

It describes the various grades of brick manufactured by the Fiske Co., and shows color, bond, texture, and combinations of sizes, colors and methods of setting that convey valuable suggestions of decorative effect.

The application of color to the façades of buildings is most desirable. It would redeem the life out of doors of much of its monotony. The artistic value of the judicious use of color cannot be overestimated, and with a product such as that made by the Fiske Co., guided and controlled by skilled methods, the resulting effect should be an artistic and therefore satisfying ensemble.

### HAND-MADE FURNITURE

Closely allied in its distinctive styles to architectural fashions, furniture has been the means, whenever the client has wisely relied on the architect in its selection to complete in a sane and artistic way the treatment of interiors. Unfortunately, the client does not always avail of the architect's knowledge in the matter of furniture, and often runs riot and ruins the interior of the house as far as its artistic ensemble is concerned.

It will be readily seen that well made, reliable furniture, based on artistic lines, is always a requisite. It is of daily contact, its surroundings influence the artistic sense more than is at first apparent. The interior of a house mirrors as nothing else can the social and mental status of the occupant. Modern furniture making is not always good, but we may by wise selection secure the best obtainable, which, if properly designed and honestly constructed, should serve our purpose during life and revert to posterity as heirlooms of not only sentimental but of artistic value as well.

The Tobey Furniture Co., of New York and Chicago, aim to supply just the sort of furniture we have described. They have been engaged in the making of furniture for more than fifty years, and in an interesting and well illustrated pamphlet, entitled "About Tobey Hand-made Furniture," which can be had on request, they give at much length the various processes in the manufacture of their goods.

In this "machine-made" age, individuality of style is lost, and no matter how good an article may be, its constant repetition begets lack of respect through very monotony. This hand-made furniture will, therefore, be welcomed, not alone on account of its reliability of manufacture, but also because of the variant of form and outline only possible with the tool when hand guided.

### HOT WATER HEATERS

Modern conveniences make modern houses; the result is cleanliness and comfort and consequent good health.

Hot water in sufficient quantity and at all times is a domestic necessity. The Pierce Improved Giant or Little Giant Tank Heaters, made by Pierce, Butler & Pierce Mfg. Co., of Syracuse, New York, are claimed to thoroughly solve the problem of an always ready supply of hot water.

These are adapted for large or small buildings, and are especially useful in Fall and Spring, when heavy fires are not wanted. They are made in eight sizes, for warming rooms and heating water. The Pierce, Butler & Pierce Mfg. Co. will mail, on application, to interested parties a fully illustrated pamphlet describing these heaters.

# BUILDING NEWS

## ALABAMA

**TUSCALOOSA.**—From current reports in the local press, we learn that extensive improvements will be made in the McLester Hotel the coming Summer.

## ARKANSAS

**FAYETTEVILLE.**—A modern gymnasium is needed by University of Arkansas, and an effort is going to be made to secure an appropriation sufficiently large to erect one, it is said.

## CALIFORNIA

**OAKLAND.**—Plans for the erection of a portion of the Bankers' Hotel are now being worked on by the board of directors of the company behind the project, it is said.

A plot of ground upon which to erect a \$25,000 stable has been purchased by the Wells-Fargo Express Company. The land is located on the corner of Fourteenth and Center Streets, and is 90 x 145 feet in size.

**REDLANDS.**—According to current reports, the Board of Charities and Corrections at San Francisco have approved the plans and specifications of the new city jail to be erected at this place.

**SACRAMENTO.**—According to reports it has been given out at the headquarters of the Western Pacific in San Francisco that the plans have all been drawn for a depot in the old Mission style of architecture in this city.

**SAN FRANCISCO.**—It is said that George Chase, of Kohler & Chase, has stated that he has plans ready for a Class A building—steel frame and concrete—to be ten stories in height, at the northwest corner of O'Farrell Street and Bagley Place.

Another building of the same height has been designed by Architect Lewis P. Hobart for a corner on California Street, it is reported.

Architects Meyers and Ward are said to have been commissioned to prepare plans for the remodeling of the Memorial Chapel of Stanford University.

Property on the north side of Ellis Street, west of Hyde Street, 34x137, has been purchased by Mr. I. V. Tadich. Mr. Tadich will build an apartment house suitable for the location, it is said.

Property at the corner of O'Farrell and Taylor Streets, having an area of 75x75 feet, is owned by Mr. Browne. It is reported that he will put up a steel frame building on the corner, to be either six or seven stories in height. The estimated cost of the building is \$100,000.

**SAN JOSE.**—The Scottish Rite Association has been granted a permit to construct the building which the association has had in mind for some time. The location will be on North Third Street, between St. John and St. James. The work will be commenced in the near future.

## CONNECTICUT

**BRIDGEPORT.**—John L. Schleichert, 60 Madison Avenue, has purchased the property at the corner of North Avenue and Main Street. Sketches are now being drawn by a local architect for a store and apartment block to be built on the site. It will be three stories high.

**WATERBURY.**—It is expected that bids for the new hospital to be erected on the former Holmes estate, south of Grandview Street, will be opened some time within the next few weeks.

## DISTRICT OF COLUMBIA

**WASHINGTON.**—Architect Frank P. Milburn has been awarded the contract for preparing the plans and specifications for a large printing and engraving bureau building for the Chinese Government at Pekin. The plans are to be completed by March 1, the building is to cost about \$500,000, and the work of erection is to begin about May 1.

## DELAWARE

**DOVER.**—The Hanover Market House Company will be organized at Dover shortly, with capitalization of \$100,000, for

the purpose of erecting a market house and cold storage plant at the southwest corner of Sixth and King Streets. Plans for the building are now being prepared by Architect E. L. Rice.

## GEORGIA

**MACON.**—It is now an assured fact that Macon will have a new Commercial Hotel and a Chamber of Commerce office building. At a meeting of the Chamber of Commerce held recently it was stated that citizens in Macon have subscribed \$65,000 toward the erection of a Commercial Hotel and \$35,000 toward the new office building. The hotel will likely be erected by individuals, instead of the Chamber of Commerce, although the chamber will be back of the project.

## ILLINOIS

**BELLEVIEW.**—We understand from reports that the Belleville Lodge of Elks is considering the erection of an office building and lodge quarters.

**CHICAGO.**—Antoine E. Sward has acquired a lot 100 x 180 ft. on the east side of Calumet Avenue, 150 feet north of Fifty-fourth Street, where a 12-flat building to cost \$35,000 will be constructed, it is said.

A new \$2,000,000 vaudeville structure to be erected and opened by November 1 is the latest addition to numerous theater schemes for Chicago. The new house is to be operated by William Morris, Inc., the vaudeville company which operates the American Music Hall, Lincoln Square Theater and the Broadway Theater in New York.

**PEORIA.**—At a meeting of the directors of the Farmers' Savings, Loan and Homestead Association, recently, it was decided to erect a brick building on part of the lot which they recently purchased on Liberty Street.

## INDIANA

**DELPHI.**—We understand that the Presbyterians of the city are preparing to erect a \$30,000 church this year. It will be 61 x 117 feet.

**ELKHART.**—St. Vincent's Catholic congregation has decided to build a new parochial school and home for the sisters, the contract to be let soon in addition to other extensive improvements to the church property in this city.

**GOSHEN.**—According to reports, S. F. Spohn, head of the Spohn Medical Company, will erect a three-story modern business block at the corner of Clinton and Main Streets, on the site of the old Coliseum.

## IOWA

**SIOUX CITY.**—The C. Shenkberg Company is said to be contemplating the erection of a new structure to cost approximately \$100,000.

We understand from current reports in the local press that extensive improvements are to be made to the City Hall at this point.

Ray E. Saberson, general manager of the Berkley System, located in the McMahon Building, at 421 Sixth Street, is said to have announced that the company is contemplating the erection of a new structure this year.

## KANSAS

**DODGE CITY.**—Probably, according to reports, the office of the Dodge City Weather Bureau will be moved to the northeast corner of Spruce Street and Railroad Avenue and be located in a \$12,000 building which the Weather Bureau will erect in the early Spring.

**GREAT BEND.**—A deal was closed recently whereby the Elks become the owners of the southeast corner of block 105, corner of Lakin Avenue and Stone Street. According to reports, they will spend \$20,000 in improving the site with a permanent home for the members.

**SALINA.**—The members of the Christian Church of Salina have decided to erect a new \$40,000 structure on the site of the present church within the next year, it is stated. Rev. David H. Shields is pastor.

**TOPEKA.**—The W. A. L. Thompson Hardware Company has

acquired property on Kansas Avenue, and, according to reports, may improve same with a fireproof building.

#### MARYLAND

BALTIMORE.—At an outlay of about \$60,000 Dr. Theodore Cooke and Mr. H. Webster Cooke will erect 24 handsome and modern two-story brick dwellings on the south side of Thirty-first Street, near Harford Road. Plans for the dwellings are being completed by Architect Jerome Love.

William S. Hilles has purchased a lot in Goodwood Gardens, Roland Park. Mr. Hilles has commissioned Edward L. Palmer, Jr., architect, to design a residence which will be of brick, the exterior walls covered with white stucco and with roof of red tiles.

Henry Ropp has purchased lots Nos. 109 and 110 Denmore Park. Mr. Ropp, we understand from the local press, will improve the lots with modern cottages.

Plans and specifications for the large administration building and three cottages to be erected on the grounds of the Maryland School for Boys, at Loch Raven, will be drawn and prepared by Architects Wyatt and Nolting.

#### MASSACHUSETTS

BOSTON.—Property on Dover Street and Harrison Avenue, consisting of a lot of land containing 13,666 square feet, has been purchased by Morris Kaplan, who will, according to reports, immediately improve the corner by erecting a large four-story brick and stone building containing stores and suites with all modern improvements.

Architects Winslow & Bigelow are said to be drawing plans for a new building to be erected for the Jordan-Marsh Company at 15-51 Avon Street. The building will be of terra-cotta, with a steel framework.

The plans for the new building for the Boston Safe Deposit & Trust Company, to be erected at Devonshire, Franklin and Arch Streets, have been drawn by Shepley, Rutan & Coolidge, architects, it is said.

#### MICHIGAN

DETROIT.—Preparations are well under way for the new pumping station to be added to Detroit's water works. It will be erected at the foot of Park View Avenue, adjoining the present holdings of the water board. In the office of Smith, Hinchman & Grylls, architects, is a model of the proposed new building; estimated cost, half a million dollars.

#### NEBRASKA

OMAHA.—A site for the new home proposed by the Board of Trustees of the Childs' Savings Institute has been secured on the west side of Twenty-sixth Street, between St. Mary's Avenue and Leavenworth, and has a frontage of 408 feet and depth of 135 feet.

#### NEW JERSEY

HOBOKEN.—Hebrews in Hoboken are contemplating the erection of a new synagogue in the city, and, to this end, the Daughters of Israel have joined hands with the organization known as the Star of Israel to raise a fund to procure a site, and to defray the cost of the building.

JERSEY CITY.—Sealed proposals will be received by the Board of Education of Jersey City, on Thursday, January 28, 1909, in the Assembly Chamber, City Hall, for all labor and materials necessary for the erection of school No. 33, Clendenny Avenue, in accordance with the plans and specifications on file in the office of the supervising architect, Mr. John T. Rowland, Jr., No. 15 Exchange Place, where blank form of bid and agreement of surety must be obtained.

From plans as prepared by Architects Van Vleck & Goldsmith, of 111 Fifth Avenue, Manhattan, a factory building will be erected on the corner of Coles and Eighteenth Streets by the Holbrook Manufacturing Company, of No. 1 Montgomery Street. The new building will be of reinforced concrete construction, seven stories in height, and will measure 50 x 108.

NEWARK.—The Eighth Ward Improvement Association is said to be discussing the advisability of erecting a new school structure in the Forest Hill section.

TRENTON.—Sealed proposals will be received by the Committee on Grounds and Buildings of the Board of Education of Trenton, for the erection of a twelve-room and auditorium

addition to, and for the alteration, renovation, sanitation and heating of the William G. Cook school, No. 23, in said city, in accordance with plans and specifications prepared by William P. Endebrock, architect.

WEEHAWKEN.—Nine lots on Bullsferry Road, near Jefferson Place, in the Hauxhurst Park section of Weehawken, have been sold to Herman Probst, builder, who has an office in the Terminal Building, Park Avenue and Forty-first Street, New York. Mr. Probst's intentions are to erect seven four-story apartment houses.

#### NEW YORK

BUFFALO.—Announcement has been made by an officer of the Niagara Cement Company that this concern intends to spend \$250,000 increasing the size of its plant on Hamburg and Katherine Streets and the Buffalo River.

Commissioner Ward, of the Department of Public Works, has sent to the Aldermen rough drawings of the plans for the Technical High School to be built upon the Sixty-fifth Arsenal site on Broadway. He has recommended that bids for architects' plans be invited.

According to the local press, the Saint Luke's German Evangelical congregation, Richmond Avenue and West Utica Street, is to have a new church erected on the site of the present structure. Plans for the new church, which is to cost about \$50,000, have been approved.

ELMIRA.—If plans under consideration are carried out, Elmira will have a new business block, located on the southwest corner of Lake and East Water Streets. It is reported that the building will be erected by Mrs. James Rathbone, and will be five stories high.

FAR ROCKAWAY, L. I.—The Lewis H. May Company, New York, has sold a plot, 100 x 150, at the northwest corner of Central Avenue and Virginia Place, Far Rockaway, to Mrs. Mary C. O'Donovan, who will, we understand, build a residence on the property.

NEW YORK.—The South Reformed Church of America, "Old South Church," has purchased a plot at the southwest corner of Park Avenue and Eighty-fifth Street, as a site for a new edifice. Cram, Goodhue & Ferguson, architects, have drawn plans for a church edifice to cost \$225,000. The church is now at Madison Avenue and Thirty-eighth Street, and the Rev. Thomas Reed Bridges is pastor.

Warren & Wetmore, as architects for William K. Vanderbilt, have amended the plans for the proposed seven-story dwelling to be built for him in East Fifty-second Street, adjoining the old William H. Vanderbilt stable, providing for a larger edifice having a 75-foot frontage instead of 50 feet, as originally designed.

T. J. McGuire Construction Company is about to begin work on the erection of a six-story apartment, 75 x 100, in the west side of Amsterdam Avenue, 25 feet south of 179th Street; also a six-story elevator apartment house in the south side of 178th Street, 150 feet east of Wadsworth Avenue, 75 x 97. The cost of each house will be \$85,000. George R. Ewell is the architect.

George C. Edgar's Sons have bought, through L. J. Phillips & Co., the plot, 72 x 100, on the north side of Manhattan Street, 100 feet east of Old Broadway. The buyers, according to reports, will erect a six-story bachelor apartment house on the site.

Plans have been prepared for a new six-story apartment house to be built by R. Ferguson & Sons, from plans by Schwartz & Gross, at the southwest corner of Broadway and 180th Street, on plot 111 x 139. It is to cost \$225,000.

The trustees of the Home Saving Bank, of 804 Manhattan Avenue, Brooklyn, are said to be contemplating adding a two-story extension to the present structure.

Edward Pearce Casey, architect for the city, has prepared plans for the new station house that Commissioner Bingham has authorized as a home for the police of the new Thirteenth Precinct, to replace their former quarters in the old Attorney Street Station, that has been a landmark since the days before the Civil War. The new building will be a fine type of the Florentine Renaissance. The building is to cost \$165,000.

Allen & Collens, of Boston, architects for the Union Theological Seminary, have completed plans for the chapel which is to be the fourth of the large edifices covering the quadrangle bounded by Broadway, Claremont Avenue, 120th and 122d Streets. The cost will be \$250,000.



H. S. Ely & Company have sold to Dodd, Mead & Company Nos. 103-05 East Thirtieth Street and Nos. 443 to 447 Fourth Avenue, the northeast corner. According to reports, the buyers will build on it for their own use.

Samuel Weil & Son have bought the property 25 x 100 at the northwest corner of Franklin and Greenwich Streets. It adjoins a building occupied by Weil & Son, and it is said that they will build a large structure on the combined site.

The new twelve-story building to be erected on the block bounded by Washington and West, Reade and Duane Streets, is to be a store and office structure. The Reade-Duane Cold Storage Company is said to be nominally behind the new enterprise. W. C. Hazlett is the architect.

According to reports Tiffany & Company are considering the reimprovement of the plot at 391 and 393 Fifth Avenue, adjoining their building. Architects McKim, Meade & White have prepared preliminary plans for a seven-story building on this plot.

Announcement has been made that a new theater is planned for the neighborhood of Schermerhorn and Bond Streets, Brooklyn. William H. Reynolds, head of the Long Beach Estates Company, is said to be at the head of the enterprise.

We understand that Architect W. H. McElfattrick has been commissioned to prepare plans for a business and theater building, to be located on the northeast corner of Forty-seventh Street and Seventh Avenue.

The negotiations for the sale of the property, 303-305 Fifth Avenue, northeast corner of Thirty-first Street, by the Fifth Avenue and Thirty-first Street Company, have been closed through Alwyn Ball, Jr., of Southack & Ball. The property will be taken over by a new company and will be improved with a twenty-story building.

Slawson & Hobbs have sold to the McMorrow Engineering and Construction Company the eight lots at the southeast corner of Broadway and 157th Street, on which the company will erect high-class elevator apartment houses, it is said.

ROCKAWAY PARK.—Architects Hopkins, McEntee & Speers, of Brooklyn, are preparing plans for a residence to be erected at this point at a probable expenditure of \$7,000. Estimates will be taken about the end of January.

SYRACUSE.—Architects Merrick & Randall have plans and specifications completed for a three-story brick block to be erected by Cahill Brothers upon the site of the First English Lutheran Church in South Salina Street, and estimates are shortly to be taken.

Dayton G. Amidon has sold a vacant lot in Comstock Avenue, between Madison Street and Comstock Place, to Mrs. Josephine D. Palmer. It is 57x165 feet. Mrs. Palmer, it is said, will improve the site with a house.

TOTTENVILLE.—At a meeting of Huguenot Lodge No. 381, F. & A. M., plans for the Masonic Hall, to be erected on their property in Main Street, near Amboy Avenue, were accepted, and the committee was authorized to receive bids, and award the contract, provided the building can be erected for \$13,000. The building committee is composed of Charles U. Thrall, Peter C. Miller, A. M. Donaldson, M. L. Fisher and J. H. Newstead.

#### NORTH CAROLINA

CHARLOTTE.—The Western North Carolina M. E. Conference invites, until March 4, competitive plans, it is said, for a proposed orphans' home. The building committee includes P. H. Hanes, Winston-Salem, N. C.; C. H. Irelan, Greensboro, N. C., and G. H. Detwiler, Charlotte, N. C.

#### OHIO

CINCINNATI.—Hartuot Bros. propose to build a thirty-room apartment building at the northeast corner of Helen and Burnet Avenues, Mt. Auburn. Plans for the improvement are now being prepared and ground for the foundation may be broken in about ten days.

CLEVELAND.—Several Cleveland men have just become the owners of a tract of 80 acres of land with 1,500 feet frontage on Lake Waubesa, on which they will erect a commodious and first-class Summer hotel and park at a cost of \$75,000. The deal was closed by John C. McKenna, of Madison, acting for the Waubesa Land Co., and the work of construction will begin at once. The plans were drawn by Architects Knox & Elliott, of Cleveland.

COLUMBUS.—It is said that the national headquarters committee of the Anti-Saloon League of America, Washington, D. C., have decided to erect a printing and publishing plant, at a cost of \$100,000, near Columbus, to be known as a "Lincoln Temperance Memorial," as headquarters for the League's official organ, "The American Issue."

We understand that plans for the new school building to be erected by the Board of Education on Hawthorne Avenue have been completed by Architects Riebel & Sons, and are ready for figures.

Architect E. H. Rickett is said to be preparing the plans for the erection of a three-story business and residence building to be erected for the North Side Land & Improvement Company, at Summit Street and Fifth Avenue. The building will cost about \$10,000.

DAYTON.—The Central Union Telephone Company has secured property on the north side of Fifth Street, near Samuel, and, according to the local press, will soon improve the site with a \$15,000 telephone exchange building.

NILES.—It is said that the Baltimore & Ohio Railroad Co. is contemplating the building of a new depot in Niles. The new building will be a modern structure, the estimated cost of which is a little over \$10,000.

#### OKLAHOMA

FORT GIBSON.—It is believed here that the State School for the Blind, now temporarily located at Wagoner, will be permanently established here by the legislature, and that an appropriation of \$100,000 will be made for the institution.

OKMULGEE.—Plans and specifications are being prepared by Architects Griffith & Keith, of Sapulpa, for a two-story and basement high school building to be erected at Okmulgee. R. W. Hamilton is clerk of the Board of Education. Approximate cost, \$50,000. Bids will be received by the architects.

SAPULPA.—Architects Griffith & Keith are said to be making plans for a five-story and basement business building, 100 x 100 feet, for Theo. Berryhill, of Sapulpa. It will be of brick and stone, cost about \$75,000. Bids will be received by the architect about March 1.

TULSA.—Mrs. Charlotte Hobbs, of Lawton, Okla., will shortly begin the erection of a three-story hotel building on the corner of Third and Frankfort. The deal was made through the Kirkpatrick agency.

#### PENNSYLVANIA

ALTOONA.—The plans for the remodeling of the building occupied by the Pennsylvania Railroad Young Men's Christian Association at Eleventh Avenue and Thirteenth Street have now been drawn, it is stated. They provide for an additional story on the rear section of the building.

GETTYSBURG.—Plans are in preparation by Herman Miller, architect, of Philadelphia, for a four-story hotel to be built in Gettysburg. It will contain forty rooms, and twenty-seven baths, and will be fire-proof.

HAZLETON.—The Hazleton Fruit Co. is having plans prepared for the erection of a one-story cement block building on West Chestnut Street, between Wyoming and Laurel Streets. The building will be 60 x 70 feet. When it is completed it will be used by Charles Miller as a garage.

KIRKLYN.—Architect J. Frank Bradley, of Philadelphia, is preparing plans for a bungalow at Kirklyn, for E. R. Steel, and for the remodeling of the store property at No. 6007 Market Street, Philadelphia, into a moving picture parlor for T. R. Howard.

MANAYUNK.—The German Evangelical Lutheran Church of Manayunk and Roxborough, has bought the dwelling at No. 409 Martin Street, Manayunk, lot 39 x 100 feet, and will, it is reported, erect there at some future time a Sunday school building.

NORTHSIDE.—Through the agency of W. L. Scott & Co., Northside, the property at 216-18 East Robinson Street, near Anderson Street, Northside, has been bought by J. B. Booth. The lot is 43 x 110 feet, and is to be improved, we understand, with a six-story fireproof building to cost about \$40,000.

Architect H. S. Estep, of Pittsburg, is receiving estimates on the construction of a three-story brick and terra-cotta hotel on Federal Street, Northside, for John Schmitt. The building will cost about \$20,000.

PHILADELPHIA.—The Board of Directors of the Kensington

Trust Company, which occupies temporary quarters at 2638 Kensington Avenue, has decided to invite an architectural competition for its new banking house, which will be erected at Kensington and Allegheny Avenues. The new building will be of stone, of fire-proof construction, and measure about 60x100 feet. The cost will be in the neighborhood of \$50,000.

Eight four-story houses, 16 x 80 feet, are to be built this spring by C. H. Charlton on Walnut, west of Fifty-fourth Street, at a cost of about \$100,000. Plans are now in preparation.

Architect Horace Trumbauer has completed all of the working plans for the big addition to the Union League and within two weeks builders will be invited to submit estimates. The new addition, which will cost close to \$400,000, will occupy the site of the stores on the western portion of the lot facing on Fifteenth Street. It will be a four-story structure measuring 100 x 150 feet.

It is said that a large apartment house is likely to be built on the southeast corner of Seventh and Main Streets by A. J. Gotshall.

At a meeting of the alumni of the Northeastern Manual Training School plans were discussed for the raising of a fund of \$10,000 for the purpose of erecting a club house on the plot of ground at Twenty-ninth Street and Lehigh Avenue, presented to the school by Councils some years ago.

Architect Ralph E. White is completing plans for the erection of the "Queen Manor," at Midvale Avenue and Oak Road, for the Philadelphia Housekeeping Apartment Company, at a cost of \$500,000.

Architect Werner Trumbower has been commissioned to prepare plans for the big pharmaceutical plant for John Wyeth & Bro. (Inc.), which will be erected on the site of two old coal yards at the northwest corner of Twelfth Street and Washington Avenue.

PITTSBURG.—Through Avey & Irish, Albert Curry has bought 100 feet on the north side of Liberty Avenue, near Sixteenth Street, running back to Spring Alley. On the 91 x 100 feet are 18 old brick dwellings, but as the district is one of the most convenient in the city for warehouses Mr. Curry will probably improve the property with such buildings ultimately.

Through James I. Kay, president of the Board of Trustees of the Newsboys' Home, a site for a new home has been purchased. It is at the southwest corner of Stevenson and Locust Streets. An architect has already been employed to draw plans for the institution, and work will be started as soon as possible.

WILKES-BARRE.—The plans for the alterations to the property recently purchased by Joseph Gillis, on South Main Street, are being prepared, it is said.

The proposed new high school building will be erected on North Washington Street. Architect Owen McGlynn has stated that the entire set of plans for the building will be in readiness for the estimators by the middle of this month, at which time the Board of School Control will probably advertise for bids.

Estimates will soon be asked for on the proposed new church building for the congregation of Holy Trinity Lithuanian Church, the plans having been completed by Architect Owen McGlynn. The structure will be 73 x 150 feet, and of Gothic design, with two large towers, and a seating capacity of 1,000. The cost of the new church, which will be located at the corner of South and Meade Streets, will be about \$50,000.

WILLIAMSPORT.—D. E. Gorman and F. H. Keyte are said to be discussing plans for the improvement of the lot they have purchased on West Fourth Street. It is understood that the erection of a combination structure of several stories is being considered.

At the meeting of the Masonic Temple Association it is expected that the final arrangements will be made for building a new Masonic building on the property adjoining the Masonic Temple, now occupied by the Sheets and Brownell stores.

#### RHODE ISLAND

NEWPORT.—Marc Klaw, of Klaw & Erlanger, and Charles B. Dillingham spent a day at Newport recently, with J. V. Jordan, proprietor of the New Cliffs Hotel here. They looked over several sites about the Cliffs, with the idea of erecting a combination theater and hotel for the spring, summer and fall seasons.

#### TENNESSEE

ATHENS.—Bonds have been issued for a \$15,000 school building, to take the place of the old public school building. Work is expected to begin on this building as soon as plans and contracts are made.

PARIS.—The directors of the Bank of Henry have authorized the building of a new banking house on the corner of Washington and Poplar Streets, it is said. The building will cost approximately \$12,000.

#### TEXAS

CHILDRESS.—According to the local press, the Board of Trade has closed a deal for the building of a starch factory in Childress.

DALLAS.—Leon Austin, manager of the Southland Hotel at this place, is said to be back of a scheme to erect a large hotel structure at some point in Texas at a probable expenditure of \$100,000.

An announcement has been made that the Juliett Fowler Orphans' Home management is to at once erect a \$50,000 building on a site owned by the association in East Dallas, which shall be used as a home for indigent women who are over seventy years old.

J. C. O'Connor is having prepared plans for a three-story brick warehouse building, to be located on the lot recently purchased by him on the north side of Pacific Avenue, just east of Ervay Street.

EL PASO.—Judge Smith has introduced a bill to appropriate \$600,000 for the improvement and enlargement of Fort Bliss at El Paso. The proposed enlargement would provide accommodation for eight companies of infantry, two of cavalry and one artillery.

#### UTAH

LOGAN.—The question of erecting a \$150,000 hotel structure at this point is being discussed, we understand, and Architects Camomile & Bittner have prepared tentative plans, it is said.

SALT LAKE CITY.—Young & Sons, architects, are said to be engaged on plans for a new home of Mr. Kenneth C. Kerr, to be located in the southeastern part of the city.

#### WASHINGTON

SEATTLE.—A building containing seventy-five rooms will be erected as a home for nurses, on the west side of Fifth Avenue, between Marion and Columbia Streets, by C. H. Burnett, it is said. Proposed structure will cost about \$40,000.

SPOKANE.—We learn from reports in the local press that John Simpson, of Kansas City, Kan., has announced that he will erect a soap factory with an equipment costing \$50,000 in Spokane within six months.

TACOMA.—According to reports, the trustees of the Chamber of Commerce at a meeting recently decided to expend \$15,000 in remodeling the present quarters of the chamber and providing them with better equipment.

According to E. J. Fuller, of the engineering firm of Fuller & Manley, plans and financing for the Skagit River Power Company, a Denver, Col., corporation, of which E. M. Biggs is president, have been completed, and actual construction work will begin by June. The plant will develop 100,000 horsepower, and its cost will approximate \$5,000,000.

We understand that the question of issuing \$150,000 in bonds to be used in the erection of a tuberculosis sanatorium is being discussed.

The Nisqually Hotel Company has been formed at this point for the purpose of forwarding a movement to erect a hotel structure to cost approximately \$500,000.

#### WEST VIRGINIA

MARTINS FERRY.—We understand that the local Foresters lodge may decide to erect their proposed building on their lot on North Sixth Street in the spring. The proposed building will cost about \$20,000.

#### WISCONSIN

MADISON.—Wisconsin State University has won recognition from the government of the United States, in being selected as the location for the great central and consolidated laboratory of the forest service.

TWO RIVERS.—The congregation of St. Luke's Catholic Church has decided to erect a new parochial school building, to cost \$40,000. The plans are now ready, and the contract will be let in a few days.

## CURRENT NEWS

### PRESIDENT ROOSEVELT TO NAME FINE ARTS COUNCIL

The American Institute of Architects has been requested by President Roosevelt to present the names of thirty men, representing all sections of the country, to compose a Council of Fine Arts. The object of this council, which is to consist of architects, painters, sculptors and laymen, and of which the Supervising Architect is to be the executive head, is to advise upon the character and design of all public works of architecture, painting, sculpture, all monuments, parks, bridges and other works of art of which the art of design forms an integral part, and to make recommendations and suggestions for the conservation of all historical monuments.

The President gives the assurance that as far as he has the power, he will issue executive orders that all departments of the Government shall refer to the proposed Council every matter upon which they should properly pass judgment.

Further, the President in his communication to the Institute suggests in outline the action of the Institute looking towards securing from Congress necessary legislation with regard to the establishment of a permanent bureau.

As soon as the Council has been organized, President Roosevelt will call upon it for a report as to the character and location of the proposed Lincoln Memorial at Washington. This subject alone is sufficient warrant for the creation of the Council of the Fine Arts, and will go far toward preventing the acceptance of any plan not consistent with the best devised scheme for the artistic betterment of the Capital City.

Since writing the foregoing, it is announced that President Roosevelt has appointed the following architects, painters and sculptors as members of the Council:

Architects—Cass Gilbert, C. Grant La Farge, Walter Cook, William A. Boring, S. B. P. Trowbridge, John G. Howard, Glenn Brown, Thomas R. Kimball, John L. Maura, D. H. Burnham, John H. M. Donaldson, George B. Post, Arnold W. Brunner, Robert S. Peabody, Charles F. McKim, William S. Kemes, James Rush Marshall, Abram Garfield, Frank Miles Day, William B. Mundie and C. Howard Walker.

Painters—John La Farge, F. D. Millet, E. H. Blashfield and Kenyon Cox.

Sculptors—Daniel C. French, Herbert Adams, H. A. MacNeil and K. T. Bitter.

Landscape Architect—Frederick Law Olmsted, Jr.

As further evidence as to how thoroughly Mr. Roosevelt appreciates the necessity for placing all public buildings and monuments under the care of competent and appreciative custodianship, pending the creation of the proposed Bureau of the Fine Arts, the following correspondence between Mr. Roosevelt and President Gilbert of the A. I. A., will be read with much interest:

"The White House,

"Washington, D. C., Dec. 19, 1908.

"MY DEAR MR. GILBERT:—Now that I am about to leave office there is something I should like to say

through you to the American Institute of Architects. During my incumbency of the Presidency the White House, under Mr. McKim's direction, was restored to the beauty, dignity, and simplicity of its original plan. It is now, without and within, literally the ideal house for the head of a great democratic republic. It should be a matter of pride and honorable obligation to the whole nation to prevent its being in any way marred. If I had it in my power, as I leave office, I should like to leave as a legacy to you, and to the American Institute of Architects, the duty of preserving a perpetual 'eye of guardianship' over the White House, to see that it is kept unchanged and unmarred from this time on. Sincerely yours,

"THEODORE ROOSEVELT.

"Cass Gilbert, Esq., President American Institute of Architects, The Octagon, Washington, D. C."

"11 East Twenty-fourth Street, New York.

"To the President,

"The White House,

"Washington, D. C.

"MR. PRESIDENT:—I have the honor to acknowledge the receipt of your letter of December 19, 1908, relative to the preservation of the White House in its present condition. The American Institute of Architects realizes that during your administration this beautiful structure has been wisely restored to its original plan with absolute fidelity to the architectural style, with great beauty, and with appropriate dignity and simplicity.

"The Institute appreciates Mr. McKim's masterly work in the restoration of this building, but recognizes that without your wise counsel and sympathetic understanding even his great skill would not have made it possible to bring about such an entirely successful result.

"I have no hesitation in assuring you, Mr. President, that the American Institute of Architects will accept all of the honorable obligations which your letter implies, and will lend its influence always to the preservation of the White House as it now stands, unchanged and unmarred for future generations of the American people.

"Your letter will be a treasured document among the archives of the Institute, and will, as need arises, be looked upon as our charter and as our authority for such defense of this structure, growing stronger with the years until the tradition shall have been firmly established that the building must remain inviolate from this time on. I have the honor to remain, respectfully yours,

CASS GILBERT."

### RESOLUTIONS ADOPTED BY THE EXECUTIVE COMMITTEE OF THE ARCHITECTURAL LEAGUE OF NEW YORK, JANUARY 14, 1909

WHEREAS, there is now before the Congress a Bill which proposes to place a monument to Lincoln on or adjoining the Union Station Plaza, in the city of Wash-



ington, and this Bill would authorize an ill-considered design, and

WHEREAS, the question of a site for a Lincoln Memorial has been carefully considered by the most expert Commission to be found in this country, who in their plan for the development of the city of Washington have given it a site of the first importance, making it a harmonious part of the general plan for the city, upon land already belonging to the Government; now, therefore, be it

*Resolved*, That the setting and embellishment of the railway station, though necessary and desirable, should not be provided by the general public; that no structure whatever should interrupt the vista from the railway station to the National Capital; and be it further

*Resolved*, That the Lincoln Memorial, properly to commemorate this great hero of our Nation, should occupy a position subordinate to no other structure; that the location in front of the railway station would be subordinate; that a suitable dignified and important site is designated by the Park Commission's plan; therefore, be it

*Resolved*, That we recommend to Congress that the Lincoln Memorial should not be placed at or near the railway station, or on any other site than that recommended by the Park Commission; and be it further

*Resolved*, That the design of the Lincoln Memorial should be entrusted to the highest authority only, with the advice and co-operation of the American Institute of Architects.

### SOCIETIES

At the annual meeting of the Washington, D. C., Chapter, American Institute of Architects, the following officers were elected:

President, J. R. Marshall; vice-president, F. B. Pyle; secretary, Louis A. Simon; treasurer, C. L. Harding.

At a meeting of the North Carolina Architectural Association, held at Greensboro, officers were elected for the ensuing year as follows:

President, Joseph Leitner, Wilmington; vice-president, William P. Rose, Greensboro; secretary and treasurer, Franklin Gordon, Charlotte. Directors: Herbert W. Simpson, Newbern; Willard G. Rogers, Charlotte.

### PERSONAL

Mr. W. P. White, architect, of Seattle, Wash., announces his removal to the Central Building, on Third avenue of that city.

We are advised that Frederick Johnck and J. Louis Putnam have opened an office for the practice of their profession at 216 N. Twenty-first street, Birmingham, Ala.

Messrs. Miller, Opel & Torbett, whose office was recently destroyed by fire, advise us they have opened new offices at 205 Exchange Bank Building, Springfield, Mo., and desire to receive manufacturers' catalogues and samples.

## INDUSTRIAL

### WHITE STAINLESS CEMENT

The Blanc Stainless Cement Co., of Allentown, Pa., with New York office at 5 West Thirty-first street, issue an attractively illustrated pamphlet in the interest of their product. This they will forward on request.

Assuming that purity, color, strength and quality are the essential elements of a perfect stainless cement, it is claimed by this company that their product fulfills all these requirements. As proof of this contention, half-tone illustrations of many pretentious structures now in course of erection or recently completed are shown, together with fac-simile letters from satisfied users of the Blanc product.

### UTICA CEMENT

Great binding strength, plastic qualities and uniformity are among the many advantages set forth by the Utica Hydraulic Cement Co., of Utica, Ill., for its product. Its low price is cited as proof of its economical use, and the fact that it has an unbroken successful record of seventy years puts it outside of competition met experimental products.

Cement users desiring further information as to Utica Cement, can have this company's illustrated pamphlet for the asking.

### A RECORD OF CONCRETE CONSTRUCTION

The rebuilding in concrete of the Chicago Union Stock Yards, a most important and desirable thing to do in many ways, is technically explained in the November bulletin issued by the Universal Portland Cement Company, of Chicago.

There are included, in addition, illustrations of recent important concrete construction, notably a well designed and constructed bridge at Gary, Ind., and the Allegheny County Workhouse, at Clairmont, Pa.

These bulletins present with each publication the rapid progress in cement construction, and are important records of the history of this form of structure.

### STEEL REINFORCEMENT

An interesting pamphlet of some fifty pages has been issued by the Concrete Steel Engineering Company, of the Park Row Building, New York. It is entitled, "Diamond Bars for Concrete Steel Construction," and gives reasons for this type of reinforcement, derived from practice and experience, and also the rules based on this experience for the proper design of concrete steel slabs, beams and girders. Included in this pamphlet are many useful formulæ, tables and examples, to facilitate rapid calculation. The text was prepared by Mr. Edwin Thacher, engineer, who has presented the subject in a readable and lucid way.

The vast amount of literature on the subject of concrete, and the various methods of its employment issued in form similar to the present, places in the hands of the student and practical worker, information of greatest value, and the publication above referred to is an important addition to what has already been written on the subject of steel reinforcement.

# BUILDING NEWS

## ALABAMA

**BREWTON.**—We understand that the question of appropriating \$75,000 to cover the cost of erecting a federal building at this point is being considered.

**EVERGREEN.**—It is said that the First National Bank has purchased the old Savage building on the corner of West Front and Rural Streets, which will be remodelled and another story added.

## ARIZONA

**TOMBSTONE.**—According to the statement of Supervisor G. J. McCabe, it is said that there will be several important improvements made as an addition to the county jail at Tombstone. The contemplated improvements will cost the county at least \$20,000 or \$25,000.

## CALIFORNIA

**CLIMO.**—According to the local press \$40,000 in bonds are to be issued at this place to be used toward the erection of a High School Building.

**LOS ANGELES.**—Having completed arrangements which seem to assure the financing of its project, the Los Angeles Athletic Club will soon start the erection of its magnificent clubhouse at Seventh and Hope Streets.

**PASADENA.**—Pasadena may acquire another magnificent hotel or apartment house through the investment here of C. D. Hillman, of Seattle, a prominent real estate man of Washington. It would probably be located somewhere on the north side of Colorado street.

**SAN FRANCISCO.**—Samuel Altshuler has acquired property at the southwest corner of Sacramento and Kearny Streets and according to reports has under consideration plans for a five-story reinforced concrete building to cost approximately \$60,000.

The plans for the new Argonaut Club at the northwest corner of Post and Powell Streets, fronting on Union Square, have been completed by Sylvain Schnaittacher, architect, and construction will begin immediately the preliminaries are arranged. The building will have a basement and three stories, with an ornamental exterior topped with a classic cornice.

A building will be erected by the William Ede estate, on the lot, 50 x 165 feet, at Market and Jones Streets. It will have six stories and a basement, an attractive front, and be fitted up for stores and lofts for retail purposes. The cost of this building will be about \$100,000.

The building committee of the Chamber of Commerce of San Francisco has agreed that the chamber should occupy its own building. It is said that the committee has requested Architects Bliss and Faville to prepare a plan and estimates to be submitted at the annual meeting.

## CONNECTICUT

**BRIDGEPORT.**—The Union Metallic Cartridge Company has invited bids for the erection of a 10-story factory building, which, with its equipment, is to cost approximately \$150,000. The structure will be of steel and brick, 88 x 130 feet, and it will be higher than any industrial building in Bridgeport.

**NEW HAVEN.**—According to current reports the Trustees of Yale University are said to be planning the erection of several new medical buildings, to be located near the present clinical building.

**WATERBURY.**—We understand that Architect Joseph T. Smith has been commissioned to prepare plans for a six-room addition to the Walsh school on Ashley Street.

**WINSTED.**—Architect E. E. Benedict, of Waterbury, has made revised plans which have been submitted to the building committee of the Winsted Lodge of Odd Fellows, for the new I. O. O. F. building to be erected on Main Street, Winsted, in the spring.

## COLORADO

**COLORADO SPRINGS.**—Action has been taken in the District Court to transfer the \$8,000,000 W. S. Stratton estate to the trustees of the Myron Stratton Home, an industrial and charitable institution, provided for by the will of the late Cripple

Creek mining king. It is understood that the erection of the home will be started at once. The institution will be modeled after Girard College, Philadelphia.

## FLORIDA

**JACKSONVILLE.**—An announcement has been made that probably within the next several months construction work on a magnificent 15-story hotel and a grand opera house will be commenced by Mr. W. A. Bisbee, who, at present, is erecting the splendid 10-story concrete building on the north side of Forsyth Street, between Main and Laura Streets.

The directors of the Children's Home Society of Florida held a meeting in the office of Secretary Richardson, of the board of trade, recently, for the purpose of discussing ways and means for raising funds for building in Jacksonville a receiving home for rescued children, the need for which is imperative. It was decided to raise \$20,000 for this purpose at the earliest possible moment.

**ST. AUGUSTINE.**—Contractors wishing to bid on the building to be erected at St. Augustine, for the Florida School for the Deaf and the Blind, can secure plans and specifications from Edwards & Walter, architects, 631 Candler Building, Atlanta, Ga. Bids will be received until February 8, at the office of H. P. Bryan, chairman, Jacksonville, Fla.

## ILLINOIS

**CHICAGO.**—A big project, said to be under consideration, involves the tearing down of the present State Street store of Mandel Bros., at the northeast corner of Madison Street, and the erection in its stead of a thoroughly modern fifteen-story mercantile building.

Rothschild & Co. are said to be planning the construction of a ten-story building covering the entire block from Van Buren Street to Jackson Boulevard, on the east side of State Street.

Property at the northeast corner of Adams Street is held under a long lease to the Dakota Building Company, the stock of which is held by John P. Wilson, A. L. Sercomb and Henry G. Foreman. The company is understood to have had preliminary plans prepared and a prospectus completed for a twenty-story building, the cost of which is expected to approximate \$2,000,000.

The Common Sense Novelty Company, now at 215 South Clinton Street, is to have a new home on the north side, having purchased from W. M. Gale, 118.4 x 113 feet at the northeast corner of Montana Street and Sheffield Avenue. The plans of the company in a building way have not yet been determined definitely, but it is said it is considering a reinforced concrete building to cost from \$40,000 to \$50,000.

## INDIANA

**ELKHART.**—The trustees of the Y. M. C. A. at this place are said to be discussing the advisability of erecting a gymnasium in connection with the present structure.

**INDIANAPOLIS.**—Arrangements are being made for the erection of a Methodist Church at the corner of Thirty-fourth Street and Arlington Avenue. A general committee has been appointed which consists of C. Johnson, J. Fultz, F. McLain, N. Lout, N. S. Bachfield and F. Beard.

**RICHMOND.**—Plans for the new Murray Vauderville Theater have been completed by Architect Fred W. Elliott, of Columbus, O., it is stated, and the contract for the structure will be let the first week in February.

**SOUTH BEND.**—The owners of the opera house block on North Main Street are having plans drawn by Architects Schneider & Austin, which it is said will be finished about February 15. Shortly after they will be given contractors for bids, and, it is expected, that by April 1 work will be started.

## IOWA

**DAVENPORT.**—The plans for the new building of the Union Savings Bank have been completed by Architects Temple, Burrows & McLane, and have been accepted by the board of directors of the bank. The building will be 48 x 75 feet. Archi-

tests Hanssen & Harfst won the second prize and C. R. Spink the third prize in the competition.

**DES MOINES.**—It is reported that a splendid club house will be built for the Des Moines Business Men's Club, recently organized.

**SIoux CITY.**—Plans for the Roman Catholic orphanage, to be built in Smith's Villa, are completed, it is said, and will be presented to the contractors shortly for inspection and bids.

#### KANSAS

**LAWRENCE.**—According to reports in the press, a memorial hall, to cost \$100,000, will be erected on the campus of the University of Kansas by the survivors of territorial struggles in Lawrence, Kan.

#### KENTUCKY

**RICHMOND.**—The Regents of the Eastern Kentucky State Normal School, Richmond, Ky., have advertised for bids on several improvements to be made throughout the State. Sealed bids will be received until February 18, 1909. Plans and specifications may be seen at the office of the Normal School at Richmond.

#### LOUISIANA

**NEW ORLEANS.**—The Otis Elevator Company has purchased the elevator plant of Peter O'Brien, at the corner of Carondelet and St. Joseph Streets. It is said that the Otis Company will put up a handsome building on the site, which will be used for their local sales and office-room and for storage.

#### MARYLAND

**BALTIMORE.**—The Maryland Boat Club will erect shortly a handsome home at Ferry Bar, fronting on the Patapsco. Plans and specifications are being drawn by Architect Theodore Wells Pietsch. The boathouse will have a frontage of 70 feet by a depth of 80 feet. Estimates are shortly to be taken.

#### MASSACHUSETTS

**NEW BEDFORD.**—There is some prospect that the South End will have in the near future a theater building of good size, to be erected on the William P. Butler property on the east side of South Water Street, south of Blackmer Street.

**NORTH CHELMSFORD.**—According to current reports, the Brookside worsted mill and the George C. Moore wool scouring plant, which were burned recently at a loss of approximately \$600,000, will be rebuilt.

**SPRINGFIELD.**—A meeting of the Berkshire Bar Association was held at the court house recently to consider the proposed changes in the structure. The report approved the plans drawn by Architect Vance, which call for an expenditure of \$18,000, and the meeting accepted and approved the report.

#### MINNESOTA

**DULUTH.**—It is understood that M. H. Alworth, owner of the Alworth Building, is either contemplating to add six stories to the present building if the foundations are strong enough or to erect a new building having eight stories on Superior Street and nine stories on Michigan Street. W. A. Hunt is said to have been commissioned to prepare plans.

#### MISSISSIPPI

**COLUMBUS.**—According to reports in the local press steps are being taken at this point to erect a Y. M. C. A. building. C. F. Sherrod is president.

#### MISSOURI

**SPRINGFIELD.**—Carl Boller, a theater architect, whose offices are in the Nelson Building, Kansas City, was in this city recently in conference with Manager George Olendorf, to provide some way by which Mr. Olendorf may take care of the season's theatrical bookings that were to have been presented at the Baldwin, which was destroyed by fire a short time ago.

#### NEW HAMPSHIRE

**KEENE.**—It is reported in this city that W. L. Douglas of the Douglas Shoe Company, of Brockton, Mass., has been here several times of late to confer with the owners of the old C. B. Lancaster shoe factory with the idea of establishing one of his factories in this city.

**MANCHESTER.**—Announcement has been made that a large addition will be made to the East Side McElwain shoe shop

at East Manchester. The factory is to be enlarged one-third of its present size, and the new part, four stories in height and 100 feet long, will be erected at the south end of the building.

#### NEW JERSEY

**ATLANTIC CITY.**—It is reported that the Estates and Mortgaging Company chartered at Trenton has under consideration plans for a big auto track of steel and concrete, with room for an audience of 20,000, and to cost about \$1,000,000. Louis Kuhnle and W. I. Cherry, of Paterson, are interested.

**COLLINGSWOOD.**—Architect Charles E. Oelschlager, of Philadelphia, has won in the architectural competition for two school buildings for the Board of Education at Collingswood, N. J. The plans provide for two-story stone structures, each 60 x 60 feet, containing five classrooms and a principal's room.

**HOBOKEN.**—Father Wahl, pastor of St. Boniface's R. C. Church, on First Street, Jersey City, has purchased some property on Second Street. It is said that on this property he intends to erect one of the finest young men's clubhouses in the State of New Jersey.

**SKILLMAN.**—Sealed proposals will be received at the office of the Commissioner of Charities and Corrections, State House, Trenton, on the 1st day of February, 1909, for all the labor and material necessary for the complete building and erection of a schoolhouse and cottage at the Village for Epileptics, Skillman, N. J., in accordance with the plans, drawings and specifications prepared by the Commissioner of Charities and Corrections.

**SUMMIT.**—The Summit Home Land Company has donated a tract of land at Maple Street and Morris Avenue as a site for a free public library building. It is said that Andrew Carnegie has offered \$50,000 toward the erection of the building.

**TRENTON.**—Early in the spring work will be begun on the demolishing of the old Woodruff dwelling on East State Street, and in its place will be erected a ten-story structure known as the American Mechanic Building. It will be built and owned by the American Mechanic Building Association, of which William H. Miers, of this city, is the president. The capital stock of the association is \$200,000, and the new building will be one of the largest and most costly structures in the city.

#### NEW MEXICO

**SANTA FÉ.**—Announcement has been made that work is to be begun within the next six months on a \$135,000 modern hotel to be built in the architectural style of the Alvarado at Albuquerque. J. P. Wagner is financing the project, and has obtained an option on part of the Fort Marcy reservation, at the corner of Palace Avenue and Lincoln Avenue, an ideal location for a tourist's hotel.

#### NEW YORK

**BUFFALO.**—The Automatic Transportation Company has purchased a plot of land comprising nearly five acres on Main Street at the junction of Hertel Avenue. Architect George J. Metzger is said to be preparing plans for a brick and concrete two-storied building 150 x 50 feet, which will be erected as soon as the plans are perfected.

**CORTLAND.**—The plans for the new hospital building, to be erected on the Wiltzie lot at the corner of Homer and Fitz Avenues, have been placed before the trustees of the hospital by Architect Bickford, of Elmira. They call for a building 215 feet in length and from 30 to 40 feet in depth, and two or three stories in height.

**EDGEMERE, S. I.**—Architect Oscar Lowinson, of Manhattan, is said to have been commissioned to prepare plans for a hotel structure, to be erected at Dickerson and Bay Avenues.

**ELMIRA.**—C. W. Dean, president of the Dean Lumber Company, No. 606 Maple Avenue, has announced that he has purchased the Arnot estate, a strip of land facing on Lake Street, between the old Ayres residence, at the corner of Lake and Second Street. Mr. Dean will erect a three-story apartment house in the early spring.

**NEW YORK.**—According to the daily press the plans for the new Bradford Street Hospital have been accepted, and construction has been authorized. Estimated cost, \$250,000.

Senator Construction Co., of which Jacob Somers is president, has bought 40 lots on East Fifty-first Street, between Linden and Church Avenues, Brooklyn, through G. J. Luhn,



also of Brooklyn. The company will improve its new site with rows of brick one-family dwellings.

**Pepe & Brother** were the brokers in the sale of No. 24 Barrow Street, 25 x 90. The buyers, Blake & Williams, will, according to reports in the daily press, erect a six-story building on the site.

Plans have been prepared for a six-story apartment house to be built by Emanuel M. Krulewitch at the northeast corner of Broadway and 177th Street. It will have a Broadway frontage of 99 feet and a depth of 102 feet, and will contain forty-two apartments. Architects Neville & Bagge estimate the cost at \$200,000.

Plans have been drawn for the nine-story garage to be built by the Island Realty Company for A. T. Demarest & Co., as lessees, at the southeast corner of Broadway and Fifty-seventh Street, on plot 66 x 116. Francis H. Kimball is said to be the architect. The building will cost \$150,000.

We understand that at the meeting of the Tremont Taxpayers' Association in the Masonic Temple Building the selection of a site for a new fire house in the Mount Hope section will be discussed.

A six-story brick and stone tenement, 99 x 110, is to be erected at the corner of 135th Street and Broadway, to cost \$130,000. Zengendal Realty Company, 135 Broadway, is the owner. Townsend, Steidle & Haskell are the architects.

Plans are ready, it is said, for the six-story high-class apartment house, 99 x 140 feet, which the George A. Fisher Company, of New Rochelle, N. Y., is to erect at Broadway and 144th Street, to cost about \$300,000. Architect, George Frederick Pelham.

Architect James Riely Gordon is said to have prepared plans for the proposed new building to be erected by the Elks at Forty-third Street and Sixth Avenue.

Archibald D. Russell has had plans prepared by Architect L. C. Holden, for a six-story cold storage warehouse, 214 x 110, to be erected at a cost of \$150,000 on the south side of Westchester Avenue, west of St. Ann's Avenue.

Hall J. How & Co. have sold the block front on the west side of Fort Washington Avenue, between 179th and 180th Streets to William H. Picken, who will, it is stated, erect two six-story elevator apartment houses.

Wood, Harmon & Co. have sold, through John F. James & Sons, a plot, 75 x 100, on the south side of Avenue J, Brooklyn, between East Fifteenth Street and the Avenue J station of the Brighton Beach line, to the McIntyre Construction Company for immediate improvement.

It is said that William Waldorf Astor will build six-story lofts, with ground floor stores, at Nos. 11 to 13 East 35th Street, 50 x 95. The structure will be a combination of brick and cement stone, finished with mullion bays. It is to cost \$60,000. Clarence L. Siefert, Architect, has drawn the plans.

Adolph Finkenberg will build a seven-story apartment store on the southeast corner of Third Avenue and 124th Street, 41.5 x 100. It is to be of ornamental brick and will cost \$55,000, according to the estimate of Architects Buchman & Fox, who drew the plans.

George L. Felt will build twelve-story lofts at Nos. 151 to 155 West 25th Street, 60 x 100, it is stated. He is the president of the Twenty-fifth Street Construction Company which will handle the operation.

**SYRACUSE.**—Carpenters' Union No. 26 has had plans prepared for a four-story building, to be known as the temple of Local No. 26 of the United Brotherhood of Carpenters and Joiners of America. The building as proposed will have two stores on the ground floor and an entrance seven feet wide in the center, with a portico across the walk. The structure will be of buff brick with terra cotta trimmings.

**WHITESTONE, L. I.**—Architect Albert Swasey, of Manhattan, has completed plans for a new casino and clubhouse, which will be erected by the Realty Trust at Malba, Whitestone, L. I. The site reserved for the building is a plot about 186 x 146, fronting on the Sound and Malba Drive. It will be used by the Malba Association, Samuel Avis, president, by whom the plans have been approved. The estimated cost of the new structure is \$31,000.

#### NORTH CAROLINA

**CAPE HATTERAS.**—A proposition to build a lighthouse to mark

Diamond Shoal, off Cape Hatteras, is being considered. Albert F. Eells, of Boston, Mass., and his associates are interested.

#### OHIO

**DAYTON.**—Architect Frank L. Sutter has been commissioned, it is said, to prepare plans for the proposed Wayne Avenue Market House, to be erected here at a probable expenditure of \$35,000.

A modern memorial church, to cost approximately \$100,000, to perpetuate the fame of Paul Lawrence Dunbar, is contemplated, by the congregation of the Eaker Street African Methodist Church, it is said.

#### OKLAHOMA

**MUSKOGEE.**—Negotiations are rapidly progressing and the time is not far distant when work will actually be commenced on the erection of the modern, five-story office building that Flynn & Ames, of Oklahoma City, propose to construct on Broadway and Third Street.

It is said that Judge C. W. Raymond will commence in the near future the erection of a fine, up-to-date, four-story business building to occupy the extensive tract of ground he owns lying between the Barnes Building and the Culbertson Building, on Broadway.

**OKLAHOMA CITY.**—Mrs. Will Jonte and I. Fleig, owners of the property at 312 and 314 North Broadway, have decided to erect a modern five-story building, it is said. The building will be 50 x 140, five stories, absolutely fireproof and modern in every respect. The cost will be in the neighborhood of \$100,000.

According to reports, plans will be completed this week by Williams & Wells for a flat and store building to be erected on North Broadway, near Sixth Street, by Minerva Lewis. The structure will cover a site 50 x 100 feet, and will be four stories. The structure will cost \$40,000.

**SHAWNEE.**—According to the local press, Shawnee Elks are preparing to purchase a local ranging ground on which to erect a building that will cost \$35,000.

**WEATHERFORD.**—The board of regents for the State Normal Schools has invited architects to present plans and specifications for a \$100,000 school building to be erected at Weatherford. Plans must be filed at the office of State Superintendent E. D. Cameron, with John L. Mitch, secretary of the board, no later than February 9, 1909.

#### OREGON

**PORTLAND.**—Waterfront property in North Portland has been purchased by G. L. Campbell. The property has a frontage of 400 feet on the harbor, and lies between that of the American Can Company and the Star Sand Company. According to current reports, the purchaser intends erecting docks and warehouses for storage and shipment of grain on a large scale.

William Steel, of Portland, is said to be endeavoring to acquire property in Crater Lake Park upon which to erect a summer resort, hotels and cottages.

#### PENNSYLVANIA

**BUTLER.**—John T. Comes, a Pittsburg architect, has been selected to make the plans and specifications for the new St. Paul's Catholic Church to be erected here.

**CHAMBERSBURG.**—The building committee of the Board of Trustees of Wilson College have accepted plans for a new recitation building at the college, which were drawn by Architect Kristian B. Odner, of Brooklyn. The building will cost about \$55,000. It will be two stories high, in addition to an English basement.

**JOHNSTOWN.**—Through the agency of D. G. LaFrance & Co., Charles E. Specht has bought a large plot of ground in Viewmont. It is said to be the intention of Mr. Specht to erect three new residences on the property, beginning next spring.

**PHILADELPHIA.**—Architects Ballinger & Perrot are said to have been commissioned to prepare plans for the erection of a large building at the northwest corner of Arch and 21st Streets for the Fleischmann's Vienna Model Bakery.

Architect Jacob Nasehold is designing a stone edifice to be built at the southeast corner of 20th and Parish Streets for the First Norwegian Trinity Lutheran Church. It will measure 35 x 70 feet, and will cost about \$20,000.

We understand that Architect Henry L. Reinhold, Jr., has

prepared preliminary plans for a three-story fireproof library building at Bryn Athyn, for the Academy of the New Church.

Sydney Asher, of Asher's Natatorium, has taken title to the George W. Child's mansion, at the southeast corner of 22d and Walnut Streets, lot 48 x 148 feet. It is said that the old mansion will be remodelled into a hall building, and on the site of the stable a swimming tank and gymnasium will be erected.

The Board of Education will shortly invite estimates for a three-story, six-division public school, 46 x 70 feet, on Ford Road, below Monument Road, in the Twenty-fourth Ward. The cost will be \$60,000.

Brokers W. H. Wilson & Co. have sold a tract of 6 2-3 acres, fronting on Highland Avenue, Lancaster Road and Melrose Avenue, Merion. The purchaser will, it is said, improve the property by the erection of a fine residence and stable. An artificial lake will also be built on the land.

According to reports, plans have been finished by E. Allen Wilson, Architect, and estimates will be taken shortly, for six four-story brick, limestone and terra-cotta flat-houses, to be built at Forty-fourth and Chestnut Streets for the Real Estate Bonding Company, at a cost of about \$75,000.

William G. Huey has acquired property at No. 1813 Vine Street. Mr. Huey also owns Nos. 1815-17 Vine Street, the three properties having a combined area of 100 x 125 feet, on which he contemplates erecting at some future time a large flat or apartment building, at a cost of \$200,000.

PITTSBURG.—It is currently reported that W. F. Panke will erect a \$20,000 store and flat building at Tioga and Dunfermline Streets, East End.

Robert A. McKean, it is stated, will have two \$10,000 brick, cement and plaster residences built on Northumberland Avenue, Squirrel Hall, from plans by Architect E. J. Schellentrager, who will soon ask for estimates on the work.

Plans have been prepared for another handsome banking house for Pittsburg. It will be the new home of the Safe Deposit & Trust Company, and will occupy the frontage on Fourth Avenue next to the Arrott Building. The plan is to erect a four-story building, with ample space for business rooms on the first floor, allowing the upper stories for the clerical forces of the two institutions.

SCRANTON.—Plans for the new hotel to be built by Casey Brothers on the old Fuller property at Adams and Lackawanna Avenues, are said to be in course of preparation by Architect Weatherogg, of New York. The building will be 12 stories and on the style of Keenan's Hotel Anthony.

VALENCIA.—H. P. Kuhn has purchased from J. R. Park, of Pittsburg, about 30 acres of land at Valencia, upon which he will erect a summer home to cost about \$15,000.

WYNCOTE.—Architects Thomas, Churchman & Molitor, of Philadelphia, are said to be planning a rectory, to be built in Wyncote for All Hallows' Protestant Episcopal Church.

#### RHODE ISLAND

PROVIDENCE.—Preliminary steps that may result in the establishment of a central historical museum for the State were taken at the annual meeting of the Rhode Island Historical Society. President Wilfred H. Munro in his annual address suggested the advisability of having such a museum.

#### SOUTH DAKOTA

YANKTON.—We understand that the State Independent Telephone Company is planning to spend \$25,000 in the erection of a new plant opposite the post-office.

#### TENNESSEE

BRISTOL.—The board of trustees of Washington and Tusculum College will hold a meeting in the Presbyterian Church in Greeneville soon, at which time the proposition to take over the Hotel Carnegie property and open a branch of the school in Johnson City will be considered.

EAST KNOXVILLE.—At the first meeting of the fiscal year of the City Council Alderman John E. McMillan will present an ordinance appropriating \$10,000 to build a primary school building in East Knoxville.

KNOXVILLE.—The trustees of the Eastern Hospital for Insane at Lyon's View are said to be discussing the advisability of erecting an additional building.

MEMPHIS.—The Speedway Land Company. Judge J. M. Dickinson, president, is planning to spend in the neighborhood of \$60,000 for improvements on the property and the building of a number of new houses.

NASHVILLE.—The Nashville Young Men's Christian Association will have a new home something similar to the one now being constructed by the local institution. In order to procure the funds for the erection of the new building a financial campaign will soon be inaugurated.

The Building Committee of the University of Nashville has received from its architect, Meyer J. Sturm, of Chicago, the completed plans and specifications for the university hospital, to be erected on the large square owned by the university and situated between Peabody and Franklin Streets and Second and Third Avenues, the former site of the old medical college. We understand that contracts are soon to be called for.

#### TEXAS

DENTON.—The School Board is said to have accepted the plans of Overton Parr, of McAlester, Okla., for the new central school building, costing approximately \$30,000, to be erected here.

FT. WORTH.—Having outgrown the present quarters, the question of building a \$15,000 church edifice and selling the present property is being considered by the board of elders and deacons of the Hemphill Street Presbyterian congregation.

SAN ANTONIO.—It has been announced that work will begin in a few days on the new edifice for the First Presbyterian Church, at the corner of Avenue D and Fourth Street. The structure will cost \$90,000. It will be built of limestone and the design is Gothic.

#### UTAH

SALT LAKE CITY.—The Board of Directors of the Western Association of the Adult Blind is said to be discussing the establishment of an institution where the afflicted may become self-supporting.

#### VIRGINIA

LYNCHBURG.—Thomas F. Ryan is arranging, it is reported, to erect an immense cow barn on his "Oak Ridge" estate during the coming season. The plans for the barn have been drawn, and it will be constructed entirely out of concrete. It is understood here that the structure will cost about \$60,000.

NORFOLK.—Plans have just been completed by Neff & Thompson, Architects, for a large building to be erected at Water and Fayette Streets for E. L. Simpson. The structure is to be five stories, with fifty feet front and one hundred feet of depth, and will be built at a cost of between \$30,000 and \$35,000. The building has been designed especially for use as a wholesale and storage house.

#### WASHINGTON

CHEHALIS.—According to current reports in the local press, several Chehalis business men are working on a plan to finance a theater building for Chehalis. It is proposed to erect a brick opera house, to cost not less than \$25,000.

TACOMA.—With the idea of improving the property in the near future, Parsons & Smith have purchased two lots on the lower side of St. Helens Avenue, near South Sixth Street. According to reports, a new apartment house or business block will be erected on the site in the near future.

The Judson Company has announced the closing of a deal for the purchase by the National Realty Company of the Kansas block, on the east side of Pacific Avenue, between Eleventh and Twelfth Streets. The property has been purchased by the National Realty Company, with a view to the erection of a sixteen-story steel, frame construction, absolutely fireproof office building.

The City Council recently reached an agreement with the Northern Pacific Railway Company, the outcome of which will be the immediate construction of a new \$500,000 passenger station in Tacoma for the use of the Northern Pacific and the Great Northern.

#### WEST VIRGINIA

TRIADPHILIA.—The question of issuing \$43,000 in bonds is being considered at this point, we understand, to be used in the erection of a new school building at Woodsdale.

#### MEXICO

CITY OF MEXICO.—Plans have been drawn for the construction of a \$4,000,000 hotel at Bucarelli Street and Paseo de la Reforma, which will be the largest and most costly hotel building in Mexico. The building will be constructed by a A. G. Pigeon. The hotel will cost \$4,000,000.

## CURRENT NEWS

### WHAT IT WOULD COST TO REBUILD THE PYRAMID OF GIZEH

In a paper read by Mr. E. S. Wheeler, at a recent meeting of the Society of Engineers, an interesting calculation was made as to what it would cost to-day to duplicate the Great Pyramid of Gizeh.

This structure, one of the wonders of the world, is founded on solid rock at a depth of about 120 feet below surface level, and rises to a height of 454 feet. Its base covers an area of almost fifteen acres.

Mr. Wheeler's scheme for the reproduction of this pyramid contemplates, first, the setting of a base of concrete. This would represent about 2,600,000 cubic yards of material, and would cost at least \$10,000,000. The estimate for the superstructure is about \$38,000,000, and it would contain 3,313,000 cubic yards of backing stone and 142,000 cubic yards of facing stone. Mr. Wheeler's estimate of labor is 24,000,000 days.

These figures are cited to show the great engineering skill of the Egyptians, and the fact that no task in construction appeared to be too large for a people whose extant monuments showed their patience and ability to overcome obstacles that would daunt even the modern engineer.

### VOLCANIC ASH AS A BUILDING MATERIAL.

Consul Scidmore, of Nagasaki, furnishes a pamphlet, which describes the use and importance of volcanic ash in combination with Portland cement, especially for construction work in salt water. The advantages claimed for this volcanic ash are that in combination with Portland cement it gives a greater tensile strength than cement mortar alone. It is also claimed that the mortar is denser than cement mortar, and does not permit the percolation of water, thus obviating the injurious action of sea water salts. This density gives it a superior quality for construction of water reservoirs and reinforced concrete for the protection of iron from oxidation. The Consul adds that should the correctness of the Japanese company's claims be proved by trial, it is highly probable that the enormous volcanic resources of the Philippines will provide for a new and profitable industry.—*Exchange*.

### THE RESTORATION OF THE OLD FORT AT TICONDEROGA ON LAKE CHAMPLAIN.

It is a fact worthy of mention that it is owing to the interest and initiative of an English-born architect that the old fort which crowns the hill at Ticonderoga on Lake Champlain will be restored.

This interesting landmark and important strategic point in the operations looking to the conquest of Canada, during the Revolutionary War, was, owing to neglect and also to the vandalism of a nearby railway company, fast disappearing. The State authorities had taken no action to check the ruin of the old buildings, and the railway company had removed many tons of stone to use for ballast, until Colonel Robert W. Townsend,

of New York, the father of Mrs. S. H. P. Pell, the owner of the property, decided to take the necessary steps to restore the old fort to as near as possible its original condition.

Mr. Alfred C. Bossom, an architect, induced Colonel Thompson to take up the work of restoration. Mr. Bossom has for a number of years been engaged in spare moments on a tentative plan for the restoration of the fort. He is an Englishman by birth and a graduate of the Royal Academy, and a member of the Royal Institute of Architects. His attention was first directed to the fort while on a visit to a friend in the neighborhood, and from the British point of view he became much interested in the history and traditions of Fort Ticonderoga.

A correspondent to the Burlington (Vt.) *Daily News*, states:

"Preservation as well as restoration is the aim of the rebuilding of Ticonderoga. All the old walls will be left intact and pointed up, while every patch of plaster which remains will be undisturbed. Most of the original stone is still on the place, although early in the last century it was the custom for citizens to organize sleighing parties and come down over the ice of Lake Champlain to gather material from the old walls for the building of their houses. Some of the blocks have been built into fences, from which they will find their way again to their pristine use. The entire front, including bastions and outer walls, was 520 feet across. The buildings on the inside of the fortifications were in the form of three sides of a square, while a bomb-proof completed the figure.

"The restoration will be made in accordance with documents of which the British and French Governments have given copies. It is likely that request will be made to France for some cannon of the period. The museum will be filled with Mr. Pell's own collection of Ticonderoga relics and any other mementoes which may be donated for the purpose, and it will on certain days be open to the public.

### SOCIETY OF BEAUX-ARTS ARCHITECTS' DINNER AND DANCE

The mid-winter dinner and dance of the Society of Beaux-Arts Architects will be held on the evening of Tuesday, February 9, at the Architectural League, Fine Arts Building. Members are requested to inform Mr. B. W. Morris, 345 Fifth Avenue, of their intention to be present.

### BOOK NOTES

SCOTTISH GARDENS. Being a representative collection of different types, old and new. By the Right Honorable Sir Herbert Maxwell; illustrated by Mary G. W. Wilson. Full cloth, 250 pages, 8 x 10, with 32 full-page illustrations in color. Price, \$6.00. New York: Longmans, Green & Co. London: Edward Arnold.

It is always a gratifying result in a book of this character when the author and the illustrator combine a



thorough knowledge of their subject with an appreciative sense of its picturesqueness.

Much has been written of the gardens of England and France and Italy, but it has remained for Sir Herbert Maxwell to take us on a most interesting and instructive saunter through these Scottish gardens, which, in their beauty, lose nothing in comparison with the more widely described gardens directly in the beaten track of the tourist.

This work is not alone an attractive one to the general reader, but the flower lover will find in its pages much of interest. While it describes the gardens, their history and that of their owners, it goes further, in that it includes an account of the various plants to be found in each, and in some measure describes their culture and why by reason of environment and care they have attained to their present perfection.

The well executed watercolor illustrations contribute in a large measure to the enjoyment of the work, and the volume is one that can be read with much satisfaction and profit.

## INDUSTRIAL

### INTERLOCKING RUBBER TILING.

Do you require a surface under foot where the noise of hurrying feet will be stilled? In the corridors of large buildings, or the floors of banks, or any place where the restlessness of business activity creates disturbing sounds. Do you want a floor surface that is noiseless? In the aisles and lobbies of churches, where the belated arrival seeking his seat will not disturb the congregation.

Or, do you want a non-slipping surface under foot when on some unstable platform, as, for instance, the decks of steamboats and steamships? And with these varied wants do you desire to include an artistic effect that, while insuring the enumerated requisites, provides a sanitant and durable surface?

If you do, the logical floor surface is rubber tiling.

All these features are splendidly illustrated in a catalogue de luxe issued by the Goodyear Tire & Rubber Co., of 1914 Broadway, New York, factory, Akron, Ohio, and with branches in all principal cities.

This catalogue is a triumph of the printer's and engraver's art. It is 8 x 11 inches in size and has 45 pages. Twenty of these show pictures in multi-chrome of the various styles and colors of tiles made by this company, together with views of office buildings, ships, churches and banks, whereon these tiles have been laid as flooring.

It is a splendid showing of the artistic possibilities of rubber tiling, and it can be used with confidence by architects in selecting patterns and colors, as the rendering, it is claimed, is exactly like the finished product.

### BOOK STACKS AND SHELVING

From the stately Congressional Library at Washington, and the monumental New York Public library, to the small library such as is to-day to be found in hundreds of American towns and villages, the Snead & Co. Iron Works, of Jersey City, N. J., in a recently issued

book, bound in full cloth, and containing 160 pages, size 9 x 12, present in many well executed halftones of exterior and interior views, what might be fittingly termed the history of library construction in this country.

This book has been prepared by the Snead Iron Works to direct attention to the very complete line of book stacks and shelving manufactured by them, and, as all of the various libraries illustrated have been of their equipment, the high character of their work must be conceded.

Aside from the Congressional Library, the New York Public Library probably contains the largest area of book stacks and shelving to be found in this country.

In this library there are sixty-five miles of shelves, with a capacity of 3,500,000 books. An idea of the area of this enormous stack room may be gained by the following dimensions: It is 297 feet long, 78 feet wide, and has seven floors, each 7 feet 6 inches high.

As the several collections of books which will find a permanent resting place in this vast stack room are probably of the greatest value of any public collection in America, the selection of the Snead Iron Works product would seem to indicate that it possessed every necessary feature of modern library equipment.

### APPLIED ORNAMENT

The standardization of sizes and forms used in modern buildings has made it possible to perfect many forms of applied ornament that can be readily supplied to meet any scheme of architectural treatment.

One has only to glance through the catalogues issued by the Frank A. Siefert Plastic Relief Co., of 2627 Dayton Street, St. Louis, Mo., to realize how high a degree of artistic excellence has been reached in the manufacture of the various ornaments in relief. We have received from this company two very attractive catalogues, one showing mouldings, panels, spandrels, pilasters and very many forms of relief for ceiling and wall decoration. The other shows capitals and brackets designed in all the various orders, and indicate rare artistic skill on the part of the modeler. The wide range of possibility of applied ornament can be readily seen by an inspection of these catalogues, which can be secured from the Frank A. Siefert Co. by architects and builders when asked for on office stationery.

### METAL BUILDING MATERIAL

In addition to the "Raydiant" sidewalk lights, mention of which has already been made in these columns, the Berger Mfg. Co., of Canton, O., with branch offices in New York, Chicago, St. Louis, and other large cities, are also manufacturers of an extensive line of metal building material, which has become so important a part of modern fireproof construction. This material is constructed for use in partitions, floors, roofs, sidewalk lights, and also for concrete reinforcement.

The adaptation of this product to varying forms of construction work is shown in a pamphlet entitled "Metal Building Materials," which the Berger Mfg. Co. will send on application.

# BUILDING NEWS

## CALIFORNIA

PASADENA.—According to reports, a modern three-story apartment house will be erected in the near future on the southwest corner of Twenty-second and Harrison Boulevard. The lot is 131 x 100, and was purchased by Dr. George W. Cauldwell, of Los Angeles. The deal was consummated through the Realty Bonds and Finance Company.

SAN FRANCISCO.—A large vacant lot at the southwest corner of Golden Gate Avenue and Devisadero Street has been sold through Landgrebe, MacNevin & Jones to Charles Loesch. Mr. Loesch will immediately build high-class flats on the property, it is said.

## FLORIDA

PENSACOLA.—A three-story apartment house is to be erected in the near future, it is reported, by L. S. Brown and associates, the site selected at the corner of Gregory and Spring Streets; estimated expenditure, about \$45,000.

## DELAWARE

DELAWARE CITY.—The War Department, it is said, has invited estimates for the erection of two groups of officers' quarters, to be erected on the Government reservation at Fort Dupont, near Delaware City.

## GEORGIA

MACON.—We understand that plans for the proposed apartment house that is to be erected on the corner of Walnut and Third Streets have been submitted to the directors of the Jones Home, and to the officers of Christ Church.

According to current reports Messrs. Etheridge, Foor & Co. have completed all their arrangements to spend the sum of \$100,000 on the remodelling of the Hotel Lauier.

## ILLINOIS

CHICAGO.—We understand that an apartment building, to cost \$75,000 and contain twenty-four apartments, will be built by Mrs. Bertha Cockburn, who has bought 104 x 180 feet at the southeast corner of Calumet Avenue and Fifty-third Street.

A. D. Hannah and his son, A. W. Hannah, have purchased the Inter Ocean's former location, at the northwest corner of Dearborn and Madison Streets. The purchasers are reported as planning to expend \$100,000 in remodeling the structure into a modern, well-appointed office building.

Three big apartment buildings, to contain eighty-four apartments and cost upward of \$300,000, exclusive of the cost of the land, are planned by Collins & Morris for Hyde Park as the result of recent purchases.

The erection in the downtown district of a \$500,000 hotel, to be conducted on the plan of the Mills hostelry in New York, is said by General Secretary L. Wilbur Messer, of the Y. M. C. A., to be one of the plans of the association as soon as the \$1,000,000 anniversary endowment fund has been fully subscribed.

## INDIANA

FORT WAYNE.—The school board of St. Paul's Lutheran congregation is planning a new school building, which they hope to begin building in the early summer months on the site of the old school building, now standing, at the corner of Barr and Madison Streets.

INDIANAPOLIS.—The Witherspoon United Presbyterian congregation has purchased the site of its proposed church building in North West Street, between Walnut and St. Clair Streets. The building committee hopes to begin work about May 1. Rev. D. F. White is pastor.

## KENTUCKY

LEXINGTON.—The Pythian Home at Lexington desires bids from contractors for the erection of a two-story, brick building, size 36 x 68 feet, located on the Harrodsburg Pike one mile from the city limits of Lexington. Plans and specifications will be ready by February 1. They can be obtained from Lanham Robinson, Architect, 413 Farmers' and Traders' Bank Building, Covington. Sealed proposals are to be sent to J. W.

Carter, No. 707 Trust Company Building, Lexington, not later than Feb. 15.

LOUISVILLE.—Hugh Nevin has acquired property at Second and Kentucky Streets, and, according to reports in the local press, will improve the site with a large apartment structure.

From the local press we understand that the congregation of the First Christian Church is considering the erection of a new church edifice.

Members of Louisville Aerie No. 332, Fraternal Order of Eagles, have voted unanimously in favor of a \$15,000 bond issue in order to erect a clubhouse or home for the local organization.

## LOUISIANA

LAFAYETTE.—Rev. Father Teurlings, Pastor of St. John's Catholic Church, is said to have plans under consideration for building a new church at some central point in Lafayette. The purpose is to erect a modern structure to cost approximately \$50,000.

RUSTON.—President Keeny, of the Louisiana Industrial Institute, has announced, it is stated, that arrangements have been made for erecting a boys' dormitory.

## MAINE

BELFAST.—A new building is to be erected by the City National Bank on the site of the old Alden D. Chase Building, on the corner of Main and Church Streets. The building, it is stated, has been designed by Miller & Mayo, architects, of Lewiston.

## MARYLAND

BALTIMORE.—For the erection of a modern school house the Board of School Commissioners, through the Mayor and City Council, has purchased a large tract of land extending from Carroll to Windermere Avenue. Contracts for the proposed structure will shortly be let.

## MASSACHUSETTS

BOSTON.—Three brick blocks will be erected in the South End on lots numbered 424 to 430 Harrison Avenue, for Abraham Blinder, it is said, from plans by F. A. Norcross.

We understand that plans for an apartment block, to be erected in Hemenway Street, Back Bay, at a cost of \$75,000, are being prepared by Architect F. A. Norcross. The building will be 71 x 81 feet, four stories high, and will be erected for Samuel Altman, of Roxbury.

LYNN.—L. D. Robbins, the senior member of Robbins Bros., has bought land at No. 156 Broad Street, where, it is said, he will erect a modern fireproof garage, which will cover practically the entire lot.

Prudent Lebeau and O. A. Brunelle are said to be interested in an enterprise to erect a theatre building on the southwest corner of Beetle Street and Acushnet Avenue. The lot has a frontage of 65 feet on Acushnet Avenue and is 125 feet deep.

According to reports Manuel L. Sylvia, a hardware dealer, and George F. Sylvia, proprietor of the Idle Hour, have combined partnership to erect a 110 x 40-foot theatre building with a seating capacity of 700, on the site at the corner of Morton Court and South Water Street. Plans have been drawn, we understand, calling for an expenditure of between \$20,000 and \$25,000.

PITTSFIELD.—The trustees of the Agricultural National Bank are planning to erect a new structure on North Street by the first of March. The bank expects to begin building a new \$50,000 office building, the plans for which have just been completed by Architect Vance.

## MICHIGAN

BAY CITY.—The Bay City Market Co. stockholders are reported to be discussing plans for the erection of the proposed market, and incidentally provided the greater portion of the ways and means required to push the work outlined to completion.

DETROIT.—The members of the Woodward Avenue Presbyterian Church are interested in a project to build a church edi-

face of modern ideas, to cost \$80,000. The new building will be located at Woodward and Grummond Avenues.

Architects Stratton & Baldwin are said to have prepared tentative plans for the proposed new building for the Harper Hospital. An expenditure of \$500,000 is contemplated.

### MINNESOTA

DULUTH.—The preliminary sketch for the new building at the northwest corner of Second Avenue West, and Superior Street has been approved by the eastern owner of the property, and Architect W. A. Hunt, we understand, has been notified to go ahead with the detailed plans.

VIRGINIA.—Virginia's municipal building is to be remodeled, we understand, and when this is done the city will have a metropolitan city hall. Architects Radcliffe and Price, of Duluth, are making drawings of the proposed improvement.

### MISSISSIPPI

HATTIESBURG.—Plans are now being drawn, it is reported, for a three-story brick hotel to be erected at the corner of Newman and Agnes Streets, to be built by H. C. Greer, proprietor of the proposed hotel.

LAUREL.—Charles E. Heald, president of the DeSoto Naval Stores Company, is said to have full plans for the big factory which his company will erect here in the place of that which was burned down a few months ago. Work will be taken up at once.

### MISSOURI

KANSAS CITY.—The Kansas City Stock Yards Company, Colonel Charles F. Morse, president, is said to be taking steps toward the erection of a new building, to cost approximately \$450,000. Work will probably be started in March.

Plans are being drawn for a four-story hotel building to be erected at the southeast corner of Sixteenth and Genesee Streets. The building will have outside dimensions 125 x 125 feet, and will be built of vitrified brick. It is to be built by J. H. White and Benjamin J. Dreyfoss. Jackson & McIlvain, in the Dwight Building, are the architects.

ST. LOUIS.—The congregation of the Grand Avenue Southern Methodist Church, at the corner of Grand Avenue and Utah Street, has taken steps toward the building of a church edifice on the southeast corner, and is to cost \$25,000. It will be of brick, built in two stories. Rev. Dr. J. W. Worsnop is the pastor.

It is proposed by the Southern Methodist Church Extension Board, if possible, to make the new Kingdom House a building to cost \$70,000. A complete institutional plant is to be provided, which will be located at the corner of Eighth and Hickory Streets.

### MONTANA

GREAT FALLS.—The Great Falls School Board has issued a call for architect's plans to be submitted on or before Feb. 17, for two school buildings to be erected in the city this year. One to contain six rooms and to cost not to exceed \$24,000, and the other to contain ten rooms and to cost not to exceed \$45,000, both with heating plants to be located in buildings separate from the main structure.

### NEBRASKA

OMAHA.—F. J. Kennard, who has bought the lots at Fifteenth and Davenport Streets, will, it is stated, build a new home for the wholesale glass and paint house of which he is the head. The new building will be of concrete and steel and will cost about \$40,000.

William A. Paxton will build an apartment house on Farnam Street, from Twenty-fifth Avenue to Twenty-sixth Street, which will cost when completed \$350,000. Plans, it is said, for this building have been drawn by John Latenser, Architect. Contractors will be asked for bids within a short time.

According to reports the Board of County Commissioners for the County of Douglas will receive bids for the construction of a court house for Douglas County, according to the plans and specifications on file in the office of D. M. Haverly, County Clerk, until March 1, 1909. Copies of the plans and specifications can also be obtained from the Architect, John Latenser, 632 Bee Building, Omaha.

### NEW HAMPSHIRE

CHESTER.—Sealed proposals will be received for building a town hall for the town of Chester, until February 8, 1909. Plans and specifications can be obtained by applying to the architect, Geo. G. Adams, Lawrence, Mass.

MANCHESTER.—The five Masonic bodies of Manchester have chosen a committee of ten, two from each, who will form a corporation to build a handsome Masonic home here. A bill to incorporate the committee, with \$200,000 capital, and with a privilege of issuing \$200,000 additional in bonds, has been introduced in the Legislature.

### NEW JERSEY

HOBOKEN.—Martin Daab, of Manhattan, has plans under way to improve his property in Hoboken, facing the Delaware, Lackawanna and Western Hoboken ferry terminal and in the immediate vicinity of the terminal on the Jersey side of the Hudson tunnels. The improvement will either take the form of a six-story hotel or an office building of the same height. Preliminary plans are said to have been prepared by Kenneth M. Muchison, Architect, of Manhattan. Estimated expenditure, \$200,000.

JERSEY CITY.—The New Jersey Riparian Commission has granted 100 feet on the Hackensack River at the foot of Broadway, Jersey City, to Vice-President Thomas J. Maloney, of the American Tobacco Company. The company intends to erect a plant at a cost of \$2,000,000 on this site.

NEWARK.—William E. Lehman, architect, has drawn the plans, it is said, of the four-story brick dwelling Herman C. Schneider will erect at 60 and 62 North Ninth Street. It will measure 62 x 80 feet. The estimated cost is \$27,000.

It is reported that at a joint meeting of the directors and trustees of the Young Men's Christian Association the plot of ground on Beechwood Road and Springfield Avenue was agreed upon as a site for the proposed new association building.

NEW BRUNSWICK.—The congregation of St. James's M. E. Church will build a new church on a new site. A building committee, consisting of Dr. Harvey Tredell, Alexander W. Pettit, Thaddeus Holman, W. H. T. Reeves and William Mailler, has been appointed to consider plans for a new church.

### NEW YORK

BUFFALO.—Plans have been accepted by the trustees of the First Church of Christ, Scientist, of this city, it is said, for a \$300,000 church, to be built on Chapin Parkway, at Potomac Avenue.

COLLEGE POINT, S. I.—The congregation of St. Fidelis' Catholic Church has made arrangements for the erection of a \$35,000 parochial school building on the site of the present parochial school, High and Fifteenth Streets. George Duer is chairman in charge of the Building Committee.

NEWBURGH.—The plans for the construction of the West Shore station are now practically completed. The architects expect to have the plans in the hands of builders by the 15th of February. Further information can be obtained from the officers of the Business Men's Association, it is said.

NEW YORK.—W. R. H. Martin has acquired the northeast corner at Sixth Avenue and Thirty-first Street, and will extend his building over the entire Thirty-first Street block front, it is said. It will represent an investment far over \$1,000,000.

J. M. Lowden has bought Nos. 143 and 145 West Fifteenth Street, 40x103, and will, according to the daily press, erect a seven-story warehouse from plans by C. Wellesley Smith, on the site.

Elks of the Bronx are to foregather in a club house of their own, which is to be erected at the Concourse and Burnside Avenue. The structure will have three stories and a substory, exclusive of a roof garden and pergola. It is designed by James Riely Gordon, Architect, at No. 402 Fifth Avenue.

A. W. & D. B. Lawrence, according to the daily press, will in the future begin the erection of six suburban Studio apartments. The buildings will represent an outlay of about \$500,000, exclusive of the property, and will be grouped in the vicinity of Bronxville.

In the residential district of Fifth Avenue Edwin Gould has purchased the south corner of Seventy-fifth Street for improvement, it is said.



Max Marx sold to the Pinehurst Realty Company the plot, 205 x 99, on the north side of 145th Street, east of Eighth Avenue. According to current reports the site is to be improved with four six-story flats, with stores.

According to reports, L. N. Clark has sold for Millard G. Fridberg two lots, 50 x 100, on the east side of Marble Hill Avenue, for improvement with an apartment house.

I. Randolph Jacobs & Co. have sold the plot, 78 x 100, on Riverside Drive, north of 116th Street. According to reports, the buyer will erect an eight-story apartment house on the site.

Salomon & Greenbaum have sold to the Castleton Construction Company the plot, 100 x 100, at the northeast corner of Broadway and 162d Street. The buyers of this property will, we understand, build a six-story elevator apartment house on the site.

According to the daily press, the plot, 120 x 70, on the west side of Claremont Avenue, north of 116th Street, was bought by the Michael E. Paterno Realty Company for improvement with a ten-story apartment house.

Henry Corn has had plans drawn for an eighteen-story offices and lofts building, to be erected on the southwest corner of Fifth Avenue and Seventeenth Street. It is to be known as the Mercantile Exchange, and will be of the Renaissance type. The building is to cost \$750,000, according to estimate of Maynicke & Franke, the architects.

A. L. Mordecai & Son have sold the plot, 108 x 90, on the south side of 111th Street, west of Amsterdam Avenue, to a builder who will, it is stated, erect a six-story elevator apartment house.

James H. Cruikshank has bought, through the McVicar-Gaillard Realty Company, a plot, 30 x 175, containing 5,300 square feet, running through to 32 Lighthouse Street. Mr. Cruikshank intends to improve this plot with a modern mercantile building.

It is said that the Schlegel Investing Company will build twelve-story manufacturing lofts, 194 x 84, on the southwest corner of Second Avenue and Twenty-second Street from designs by Charles F. Hoppe, architect. He estimates the cost at \$450,000. The structure will be of brick, trimmed with granite and bluestone.

From reports in the daily press we learn that Robert J. Mahoney will build a ten-story warehouse, 100 x 100, on the north side of Ninety-sixth Street, east of Riverside Drive.

Architect Henry Ives Cobb is said to have been commissioned to prepare plans for a thirty-story skyscraper to be erected at Liberty and Nassau Streets on the site of the Bryant Building.

ROCHESTER.—Four hundred thousand dollars has been donated to the City Hospital at this place, to be used for extensive improvements. Architects Gordon and Mabbett are said to have been commissioned to prepare the plans.

SYRACUSE.—Architect Merritt C. Conway has been employed by the Syracuse Turn Verein to prepare plans for the reconstruction of Turn Hall in North Salina Street, the plans to show what can be done at a cost not exceeding \$30,000.

Commissioner of Elections Seth D. Baker is said to have had plans drawn for a large modern house which he will erect at No. 801 Walnut Avenue, corner of East Adams Street. Russell & King are the architects.

## OHIO

CLEVELAND.—The Higbee Company is said to have leased property at East Fourteenth Street and Euclid Avenue for the purpose of erecting a business structure on the site. Abraham Garfield, architect, is said to have been commissioned to prepare plans.

Members of the Cleveland Athletic Club are said to be taking steps toward the erection of a club house to be erected at a probable expenditure of \$250,000. Property on Chestnut Street is being considered as a possible site.

It is said that a two-story fireproof garage will be erected on the south side of the avenue, facing East Sixty-sixth Street, formerly Dunham Avenue, for the Babcock Electric Co., of Buffalo, N. Y., at a cost of \$40,000.

CINCINNATI.—We learn from current reports that steps are being taken at this point to provide for a new jail structure to cost \$600,000.

COLUMBUS.—The members of the special committee of the

Board of Education have announced that they have decided to erect the new open air school at Neil Avenue and Hudson Street, on a site owned by the Board. This property is in the extreme north side. No time will be lost now by the school board architect in drawing plans.

Howard, Inscho & Merriam, Architects, are said to be preparing plans for an addition to the Capital Tavern, next to the Colonial Theatre on West Broad Street. It will be 30 x 60 feet. The contract will be let soon.

TOLEDO.—Col. S. C. Reynolds, trustee for the Mars Nearing estate, has announced, it is said, that the building occupied by the J. L. Hudson and Brown, Eager & Hull companies would be rebuilt at once, and plans are now being prepared for a new structure.

TULSA.—Burt Centers has had plans made for the erection of a three-story brick hotel to be erected on North Main Street, along the Frisco right of way. It is said that Moore & Hugenins are the architects.

## OREGON

PORTLAND.—According to reports in the Portland press, tentative plans have been initiated by Al Kader Temple, Ancient Arabic Order Nobles of the Mystic Shrine, looking toward the erection of a temple fashioned after the style of an Egyptian mosque, and to cost anywhere from \$150,000 to \$200,000, and perhaps more.

## PENNSYLVANIA

FRANKFORD.—A fine \$40,000 church is to be built in Frankford Avenue, above Harrison Street, by the North Baptist congregation, of Frankford. The plans are being prepared by J. Howard Murphy, of Philadelphia.

PHILADELPHIA.—We understand that Architect Frank R. Stuckert has prepared plans for a six-story store building, 19 x 127 feet, at No. 34 North Eleventh Street, for Harry C. Kahn. The new building will cost \$35,000.

Broker P. F. Kernan has sold to J. J. and E. J. Garty the property at the northeast corner of Twentieth and Locust Streets, lot 18 x 82 feet. The purchasers will, according to reports, erect a residence on the site.

The Thirty-third Street Boulevard, overlooking Fairmount Park, has been selected by John Stafford as the site for a group of flat houses, which he will erect at a cost of \$250,000. The plans, which have been completed by Architects Sauer and Hahn, provide for four separate buildings. Work will be started in the spring.

PITTSBURG.—Samuel Jamieson, member of the Central Board of Education, is the purchaser of the McCaslin frontage of 80 feet on Darlington Road, near Murray Avenue, Squirrel Hill. He is having plans made, it is said, for a residence to be erected on the lot.

Architects Vrydaugh & Wolfe are preparing plans for a residence to be erected for J. M. Russell, cashier of the Bank of Pittsburg. This residence will be a three-story Italian Renaissance type, constructed of brick and terra cotta, and will be erected between Fifth Avenue and Forbes Street.

It is said that C. M. Bartberger & Son have plans completed of a brick and stone residence to be erected on Atlantic Avenue, Shadyside, for Harry H. Heeren.

According to reports, R. M. Trimble is at work on plans of a \$20,000 summer residence for W. J. Patterson. It will be built near Harmarville.

Plans of a \$25,000 residence to be built at Irwin and Murray Avenues, Squirrel Hill, for D. F. Schafer, are being drawn by Architects Dean & Stophlet, it is reported.

PORTAGE.—The incorporators of the Emilie D. Martin Hospital are said to be taking active steps toward the erection of the proposed structure. As soon as the Board of Trustees decides on the plans, bids will be called for and a contract let. It is expected that by July 30th or August 1st the hospital will be ready to receive patients. The building will be built of rough brick and stucco, with steel beams for second floor and the ceilings of the wings to be fireproof plaster board.

WAYNE.—Architect David Knickerbacker Boyd, of Philadelphia, is preparing plans for a school to be built in Wayne which will be known as the Radnor High School. It will be two stories and a basement high.

**WILKINSBURG.**—Steps have been taken by the congregation of the Second United Presbyterian Church of Wilkinsburg, it is reported, toward the erection of a new building. Committees have been appointed to procure plans.

### RHODE ISLAND

**PAWTUCKET.**—The members of the To Kalon Club, whose home was burned out recently are said to be considering plans for the erection of a new and better home.

**PROVIDENCE.**—The committee on city property has decided, according to reports in the local press, to erect a 10-room primary school on Jenkins Street.

### TENNESSEE

**JACKSON.**—The congregation of the First Baptist Church is said to be considering the erection of a new edifice, to cost in the neighborhood of \$40,000.

**MADISONVILLE.**—Plans have been prepared for the Monroe County Jail and residence at Madisonville. The plans were made by the Pauley Jail Building Company, of St. Louis, Mo. The jail is to be fire proof and the residence to be ordinarily constructed. The bids will be opened Feb. 11.

**MEMPHIS.**—According to reports in the local press the Business Men's Club is planning extensive improvements to its present structure.

**NASHVILLE.**—From reports in the local press we understand that an effort is on foot to secure a club home for the women's clubs of Nashville. Mrs. Irby Bennett is interested.

**SWEETWATER.**—Chas. A. Hayes, architect, of Knoxville, has been awarded the work to draw the plans for the Tennessee Military Institute building at Sweetwater. The building will be 400 front, running back 300 feet, with drill court in the rear. It will be of brick, trimmed in marble, and is estimated to cost \$40,000.

### TEXAS

**CORSICANA.**—The house and senate committees appointed to visit the State Orphans' Home for the purpose of inspecting the needs of the institution are said to have recommended improvements at the home to cost something in the neighborhood of \$50,000.

**FORT WORTH.**—A deal has just been consummated by which Charles Nash and A. E. Want have acquired ownership of three-fourths of a block on Seventh and Jones Streets. It is said that Messrs. Nash and Want will erect a six-story building on the property.

We understand from current reports that Tempel & Modlin have closed a deal for New York parties for property on Throckmorton Street, to be used as a site for a contemplated Belasco Theater Building.

**GALVESTON.**—It is said that plans have now been completed and that shortly bids would be advertised for the erection on the Galveston Boulevard, near the Surf Bathing Company's property, of a hotel which will cost \$40,000. Mr. Marion Douglas is one of the prime movers in this enterprise.

**KINGSVILLE.**—We learn from reports in the local press that Kingsville will soon commence the erection of a \$20,000 public school building, which will be ready for occupancy the next term of school in September.

### UTAH

**SALT LAKE CITY.**—Salt Lake County is to have a new jail of the most modern type and equipment. The County Commissioners are now preparing to take the matter up. The county already owns a site on Second East, directly opposite the city and county building; estimated outlay, \$100,000.

### VIRGINIA

**NORFOLK.**—A church, to cost between \$10,000 and \$15,000, is what the congregation of the South Norfolk Baptist Church has under consideration erecting on its present site, and a committee composed of nine members has been selected to draw up the plans. Rev. Q. C. Davis is pastor.

Within the next few weeks the receivers of the Norfolk and Southern Railway will award the contract for the erection of an up-to-date office building, five stories, with pressed brick front, and at a cost of \$100,000. All the general offices of the company are to be located in this building.

**SUFFOLK.**—The Norfolk & Western Railway Company, of

Norfolk, is said to have under consideration plans for a new passenger station to be located at this point.

### WASHINGTON

**ABERDEEN.**—The Odd Fellows have purchased a lot on Market and K Streets, for which they paid \$6,000. It is proposed to erect a temple of Tenino stone on the site during the present year.

**NORTH YAKIMA.**—Two lots at Yakima and Second Avenues have been purchased by the Yakima Land Company. The purchasers have announced that they will begin immediately the erection of a four-story hotel building. The hotel is to be modern in every respect, we learn from current reports.

**OLYMPIA.**—The establishment of a home for the aged, blind and infirm, to cost \$200,000, is the plan of Representative T. J. Bell, of Pierce County, who has introduced a bill in the House to that effect.

**SEATTLE.**—Architects Graham and Meyers are said to have been commissioned to prepare plans for an addition to the building south of the Bon Marché. This property was recently acquired by the owners of the Bon Marché.

James A. Murray, through J. P. Gleason, has leased to E. V. Adams and J. D. Thagard the southwest double corner of Third Avenue and Union Street, the conditions of the lease requiring the erection of an eight-story office building.

It is said in the local press that W. D. Van Siclen, architect, will erect for himself in the near future an apartment house on Eighth Avenue, near University Street. The building will be six stories in height, and will cost \$75,000.

The Dominican Fathers, through Corinne Simpson, have just purchased property on Ninth Avenue Northeast, and East Fifty-second Street. According to current reports, work will be commenced at once, we understand, on a handsome church. A rectory, boys' school and monastery will be added later.

James Stephen, architect for the school board, is said to be preparing plans for a twelve or sixteen-room building to be situated on the Colman Tract, Atlantic Street, corner Twenty-third Avenue. The building will be of brick, with stone or terra-cotta trimmings.

**TACOMA.**—If the plans of the Peniel Mission culminate successfully, a lodging house for the homeless wanderers will be established in Tacoma, we understand.

Frank Vogel has purchased property between Fifteenth and Seventeenth Streets, and, according to the local press, proposes to erect a six-story building on the property within a year.

It is said that a 16-story steel frame office structure, plans for which are being drawn by Architects Heath & Twichell, and also a 14-story steel frame hotel building, plans for which are being drawn by the same firm, are contemplated for Tacoma. These will be structures fitted with up-to-date equipment.

### WEST VIRGINIA

**WHEELING.**—Sealed Proposals will be received at the office of the Supervising Architect, Washington, D. C., until the 16th day of February, 1909, for alterations to the Twelfth Street entrance at the U. S. Post Office, Court House and Custom House building at Wheeling, in accordance with the drawings and specification, copies of which may be had at this office, or at the office of the Custodian, at Wheeling, West Virginia. James Knox Taylor, Supervising Architect.

We understand that active steps are being taken to raise funds to be used toward the erection of a brick gymnasium building, and that property on Charles Street between Eighth and Ninth Streets is being considered as the site for the proposed structure.

### WISCONSIN

**GREEN BAY.**—A lot and a half of the property south of the St. Willebrord's Church on South Adams Street has been purchased by the St. Willebrord's congregation. The plans for the new proposed St. Willebrord's school, which it is expected will be started early in the spring, are said to be now nearly completed by the architects, Foeller & Schober.

Frederic G. Hall, proprietor of the Beaumont Hotel, is said to be interested in a scheme to erect a new hotel structure at this place.

**RACINE.**—Architects Chandler and Park are said to be preparing plans for the proposed Royal Arcanum club house, to be erected here at an estimated expenditure of \$40,000.

## CURRENT NEWS

### RESOLUTIONS BY SOCIETY OF COLUMBIA UNIVERSITY ARCHITECTS

The following resolution was passed at the January meeting of the Society of Columbia University Architects.

Whereas we are informed that Congress is considering a site in the vicinity of the Union Railroad Station, Washington, D. C., for the proposed Lincoln memorial.

And, whereas, we consider this site unsuitable and undesirable for said memorial,

Therefore, be it resolved, that we recommend and urge Congress to adopt the site provided by the Park Commission's plan for the development of the City of Washington for the Lincoln Memorial.

ALEX. McM. WELCH,

ALEX. RICE McKIM,

Committee.

### EXHIBITION OF PENNSYLVANIA ACADEMY OF THE FINE ARTS

The Pennsylvania Academy of the Fine Arts opened, January 31, with a private view of its 104th Annual Exhibition of oil paintings and sculpture. This exhibition is the largest American show of the year and the standard of the Pennsylvania Academy exhibitions is the highest in the country. The leading painters and sculptors of the country are well represented, but an especial feature of the present exhibition is the number of young artists whose arrival is now marked. It is also interesting to note that in the present exhibition there are seventy-six works from men who have never before exhibited at the Pennsylvania Academy.

The broad policy of the institution has proven a stimulus and encouragement for many years past to the comparatively unknown artist. The fruit of this policy is now in evidence, for the current exhibition is the best show of American paintings and sculpture which has been held by the Academy.

The Academy announces the following prize awards:

The Temple Gold Medal to Frederick P. Vinton for his portrait of Carroll D. Wright, president, Clark College.

The Walter Lippincott Prize for the best figure picture in the exhibition to Thomas P. Anshutz for his canvas entitled "The Tanagra."

The Jennie Sesnan Gold Medal for the best landscape in the exhibition to Theodore Wendel for his canvas entitled "Winter at Ipswich."

The Carol H. Beck Memorial Gold Medal, now awarded for the first time for the best portrait in the exhibition to John S. Sargent for his portrait of Miss Mathilde Townsend of Washington.

The exhibition in all comprises 447 pictures and 180 pieces of sculpture.

### PARIS PRIZE, SOCIETY OF BEAUX-ARTS ARCHITECTS

The competitions for the sixth Paris Prize Scholarship under the auspices of the Society of Beaux-Arts Architects are made possible through the generosity

of Mr. Lloyd Warren, the former president of the society. The first competition will be held on Saturday, March 13, of which further notice will be given.

### SAN FRANCISCO CHAPTER, A. I. A.

The San Francisco Chapter American Institute of Architects held its regular quarterly meeting in the Green room of the Hotel St. Francis on Thursday evening, January 21.

At the completion of the business session Mr. C. R. Ashbee, architect, of London and a leader of the Arts and Crafts movement in England, favored the Chapter with an interesting talk on the Arts and Crafts movement in England and the United States.

Mr. Wm. C. Hays, the Chapter's delegate to the American Institute of Architects' Annual Convention at Washington, D. C., presented his report of the proceedings of the convention.

### BOOK NOTES

LETTERING AND WRITING. A series of alphabets and their decorative treatment, with examples and notes illustrative of construction, arrangement, spacing and adaptation of letters to material. By Percy J. Smith. 15 plates, 8½ x 13½, printed on stout board, in portfolio. New York: Charles Scribner's Sons. London: B. T. Batsford, 94 High Holborn. Price, \$1.50.

The architectural draughtsman will find this a helpful work in mastering the higher and more artistic side of lettering. A true appreciation of the educational and artistic value will be gained by reference to the examples and clearly explained origin and construction of the various forms shown.

In addition to the plates explanatory of the Roman alphabet, its evolution and modernizing, there are plates on borders and devices that contain many good examples of much practical value.

TABLES FOR CALCULATING SIZES OF STEAM PIPES FOR LOW PRESSURE HEATING. By Isaac Chaemovitsch, M. E. Chicago: *Domestic Engineering*, 49 North Jefferson Street. 48 pages, full cloth; size, 4½ x 7 inches. Price, \$2.00.

In the installation of heating plants the engineer will naturally endeavor to combine economy of installation with economy of operation.

An error in the calculation of the sizes of pipes in the heating plant leads to many vexatious problems to remedy defects, and it is with a view to obviating these errors and to provide a ready and accurate solution of heating problems that these tables have been compiled. They furnish a method of determining required pipe sizes without the necessity of laborious calculation, and this alone is sufficient to insure their value to the heating engineer. Its compact size brings it within the range of pocket editions, and the little volume should be a useful and helpful guide.



## PERSONAL

Messrs. Shand & Jackson, Conroy Building, San Antonio, Texas, advise us that they desire to receive trade catalogues and samples.

George W. Graves, architect, desires to announce that since January 1, 1909, his office has been located at suite 55-56 Rowland Building, 179 Shelby street, Detroit, Mich.

## INDUSTRIAL

### "SOME TEST-Y REMARKS"

Under the above title, the United States Gypsum Co., of New York, with branch offices in Cleveland,\* Chicago, San Francisco and Minneapolis, present some interesting facts as to Sackett plaster board manufactured by them.

This pamphlet is really the description of a series of tests made to demonstrate the fire retarding and sound-proof qualities of this plaster board.

The United States Gypsum Company will be pleased to furnish additional information, specifications and quotations on request.

In addition to the plaster board mentioned above, this company are large manufacturers of hard wall plasters. This line is described in a small pamphlet called the "red book," which contains many tables of wall and ceiling dimensions that will be found valuable for ready reference.

### PURIFYING AND MODIFYING AIR

In this day and age, ventilating apparatus that does not purify the air and bring it to the proper humidity, is without value.

There are many devices on the market for giving the desired results, among them the Eclipse Air Washer, manufactured by The Donaldson Co., 7333 Wentworth avenue, Chicago, Ill. In a booklet issued by this company they point out some of the advantages claimed for their device. No special housing for spray chamber is required, as deflectors are attached to the top and sides. The perforated inclined trays break up both the air and water so that they come into immediate contact. All dirt is removed and no excess water is used, thus insuring the proper amount of moisture in the air. This can also be regulated by the temperature at which the spray water is supplied. A water pressure of only 5 pounds is necessary on the spray main.

### STEAM TURBINES AND HORIZONTAL CENTRIFUGAL PUMPS

Bulletin Series T. No. 9, treating of horizontal centrifugal pumps, and Leaflet No. 10, on steam turbines for direct-connected and belted service, issued by the D'Olier Engineering Co., of Philadelphia, New York and Pittsburg, are interesting illustrated pamphlets, showing the latest improved designs in these special lines of machinery. These pamphlets may be had on application.

## HEATING AND VENTILATING

Catalogue No. 197, Part I, issued by the Buffalo Forge Co., of Buffalo, N. Y., is a pamphlet of 150 pages, 6 x 9 inches, and is a veritable text-book on the subjects treated.

While it is, of course, intended to direct attention to the high class product of this company, this subject is introduced in such a way as to at no time lessen the value of the facts that are so concisely set down and lucidly explained.

Architects, engineers and builders will doubtless find that a perusal of this pamphlet will repay them for the time spent. It may be had for the asking.

### SASH OPERATING APPARATUS

The ventilation of large buildings becomes a matter of much inconvenience unless it can be easily and centrally controlled. The careless employee who leaves windows and ventilators open at the close of working hours has caused much damage from storm and unusual changes of temperature.

A sash operating apparatus that will easily and positively regulate a group of ventilating windows has become a necessary part of the equipment of all large buildings, and to meet this requirement the Lord & Burnham Co., of Irvington-on-the-Hudson, N. Y., have devoted many years to a solution of this problem. How successfully they have met the demands of modern construction can be learned from Catalogue No. 6, recently issued by them, and which can be had on request.

### EXPANSION PLINTH BLOCKS

The American Radiator Co., of Chicago, Ill., with branch offices in all leading cities, have perfected and put on the market an expansion plinth block, designed for use in buildings to overcome trouble due to expansion and contraction of radiator riser pipes, and to make a perfect finish where pipes pass through baseboards. This ingenious appliance is fully illustrated and described in a pamphlet issued by the American Radiator Co., and may be had at any of their offices upon request.

## CATALOGUES RECEIVED

E. J. JOHNSON & Co., 38 Park Row, New York.

An illustrated booklet, describing roofing slates, which they claim in color and thickness entitle them to be called "out of the ordinary."

THE MORGAN Co., Oshkosh, Wis.

An illustrated catalogue of forty pages, entitled "The door beautiful," which describes new and decorative styles of doors made by this company.

STAPLES VALVE Co., Newburgh, N. Y. New York office, 34 W. Thirty-third Street.

Illustrates and describes the "Unique Water Closet" made by this company. The many advantages claimed for this improved form of closet are worth investigation. This catalogue may be had on application.

# BUILDING NEWS

## ALABAMA

**HUNTSVILLE.**—Construction of the memorial building and headquarters of the National Primitive Baptist Association will, it is said, begin in this city on the 1st of April. Elder Elias Patton, of Huntsville, is treasurer. The proposed building will cost something over \$12,000.

## ARKANSAS

**EL DORADO.**—A company has been organized in this city for the purpose of establishing a wagon factory at this place. The company will incorporate for \$75,000. The officers are: F. L. Agee, president, and George S. Miles, first vice-president.

**HOT SPRINGS.**—The local lodge of the Improved Order of Red Men has purchased the site of the Burlington Hotel, which is to be rebuilt and made a national sanitarium for the members of the order in America. The property is situated on Park Avenue.

**LITTLE ROCK.**—The Arkansas Farmers' Union Cotton Company and warehouse men of Arkansas in session here adopted resolutions to incorporate a million dollar warehouse to control the cotton of the State and to co-operate with similar concerns in nine other cotton-raising States of the South.

## CALIFORNIA

**SACRAMENTO.**—According to the local press, a bill appropriating \$125,000 for a trade school to be erected upon a site to be selected by a commission appointed by the Governor was voted for passage by the Senate Committee on Finance.

**SAN FRANCISCO.**—The plans for the building which the Mechanics' Institute will erect on its property on the south side of Post Street, between Kearny and Montgomery, have been completed by Albert Pissis, architect, and adopted by the board of directors, it is said.

According to reports in the local press plans for the new Bohemian Club building will soon be completed. Once the plans are accepted and formally approved, little time will be lost in beginning construction of the magnificent club house at the northeast corner of Post and Taylor Streets. James McNab is chairman of the Building Committee.

It is said that C. O. Bocks has plans for an apartment house which he will build at the northeast corner of Pine and Powell Streets. The lot has an area of 50 x 68.

The property at the northeast corner of Eddy and Mason Streets has been sold to Mr. Blanco, the restaurant man. It is understood that a building of at least five or six stories will be erected upon the lot in the very near future.

We understand that plans have been prepared for Barker, Knickerbocker & Bostwick, who propose to erect a five-story class C brick building on the west corner of Second and Howard Streets. The estimated cost of the building is \$75,000.

Final approval has been given by the Board of Health to the plans by Architect Tharp for the new City and County Hospital which is to be located on Potrero Avenue, between 22d and 23d Streets. The new hospital is to be known as "The San Francisco Hospital."

Designs and plans of the new building of the Native Sons of the Golden West in this city have been selected by the Hall Association. A competition in which several architects were entered has been held, and the plans of Righetti & Headman, with whom E. H. Hilderbrand is associated, were accepted and adopted by the association. The new building will be erected upon the site of the former hall building, on the east side of Mason Street, between Post and Geary Streets, the lot is 70 x 137 feet.

Plans by A. Pissis, architect, have been finished for the Nuttall Building, on the north side of Sutter Street, west of Grant Avenue, covering a lot 52 x 126 feet. The building will comprise a basement and six stories. There will be a steel frame for the building, and the front will be in terra cotta.

**SOUTH PASADENA.**—Steps were taken at a mass meeting of the East Side Improvement Association recently to secure a grammar school building for that section of South Pasadena lying east of Fair Oaks Avenue.

## COLORADO

**LAS ANIMAS.**—Fifty cottages will be built at the Naval Hospital at Fort Lyon, near Las Animas, operated by the Federal Government for the treatment of tuberculosis patients, it is said. The total cost of the buildings will be \$150,000.

## CONNECTICUT

**NEW HAVEN.**—At a meeting of the New Haven Lawn Club Association recently it is said it was decided to build a new club house, for which the New Haven Lawn Company recently decided to double its capital stock.

**WATERBURY.**—It is reported that Architect C. Jerome Bailey is drawing plans for a new tenement block to be erected on River Street for Antonio Pannone. It will be built of brick, and will be 34 x 72 feet.

At a meeting of the members of the Masonic fraternity of Waterbury recently it was voted to erect a Masonic Temple here at a cost of \$100,000. The site chosen is at the corner of West Main Street and Central Avenue.

**WILTON.**—Folsom Bros., of New York, have sold the Beulah Morgan country place, twelve acres, at Wilton, Fairfield County, to Henry Breen, who, it is reported, will make extensive improvements.

## DELAWARE

**WILMINGTON.**—Active steps are being taken at this point, according to reports in the local press, looking toward the erection of a new Market House.

## DISTRICT OF COLUMBIA

**WASHINGTON.**—Former Secretary of State Elihu Root, now Senator-elect from New York, has purchased a large building lot on Sixteenth Street, this city, on which he intends to erect for himself a home to cost \$350,000. It is said that Carrere & Hastings, of New York, will make the plans.

## FLORIDA

**MIAMI.**—Notice has been given that the City Council of the city of Miami will receive sealed bids for the construction of the proposed Miami city building, according to plans and specifications in hands of W. C. De Garmo, architect. Bids will be opened at the regular meeting of the Council, March 4, 1909.

**MONTICELLO.**—The Board of County Commissioners are said to have accepted the plans for a new \$40,000 courthouse to be erected this year. Work on the new structure will begin about April 1. Mr. Osford, of Bristow, Fla., is the architect.

## ILLINOIS

**CHICAGO.**—An Eastern syndicate, of which Henry C. Frick, the Pittsburg steel man, is said to be the head, is negotiating for ground here on which it is planned to erect what is expected to be the largest office building west of New York. The property said to be involved is the Chamber of Commerce site and some adjoining land.

Another skyscraper is also said to be in contemplation. The Leander McCormick estate has practically decided to build a twenty-story commercial building on the site of the Victoria Hotel.

**ELGIN.**—A. L. Metzel is said to be considering the erection of a house which will be built along colonial lines and will be three stories high. The plans will call for an expenditure of at least \$18,000.

Architect George E. Morris has just completed the plans for a handsome two and one-half story brick house for Emil Althen. The building will be built along the colonial lines and will be located in the center of a lot 132 x 132 feet, at 275 Vincent Street.

C. E. Chapel has recently purchased the vacant property at the northwest corner of Highland and Commonwealth Avenues, where he plans a brick house on the arts and crafts order, according to reports. He has not as yet given his plans into the hands of an architect.

**OTTAWA.**—John Hilliard has concluded negotiations for the

purchase of the piece of ground on Main Street. The size of the lot is 52 x 40. It is Mr. Hilliard's intention to erect a business block on his newly acquired property.

### INDIANA

**COLUMBUS.**—According to current reports, the United States Amusement Company has leased ground in this city, and will erect a new concrete theater to be opened to the public the first of June.

**COVINGTON.**—We understand that the City Council has issued a call for a special election to vote on a \$20,000 issue of bonds for the construction of a new public school building.

**INDIANAPOLIS.**—The C. B. Cones & Son Overall Manufactory, now in the Century Building, has outgrown its present quarters and arrangements are being made, it is reported, to build a large factory.

The Loyal Order of Moose has appointed a committee composed of Eugene F. Harris, Carl C. Hartman, John E. Spann, Malcomb G. Porter, Dr. Emil G. Winter and Harry M. Gentry for the purpose of taking the necessary steps in the direction of establishing a new club house.

It was reported at a recent meeting that sufficient funds had been pledged to assure the building of a new home for the Knights of Columbus, to cost approximately \$50,000. The committee was instructed to go ahead with the selection of a site and plans for proposed structure.

**MICHIGAN CITY.**—City Engineer H. M. Miles has prepared plans, it is stated, for the new building Mayor Miller will erect on the site of his former structure, which was destroyed by fire last December. The plans call for a modern structure to be located in Franklin Street. It will be a three-story brick.

**SOUTH BEND.**—Architects Freyermuth & Maurer have about completed plans, it is said, for a three-story building for S. F. Spohn, of Elkhart. The structure is to be used for office purposes and a garage. It will be three stories high with a front of 44 feet and a depth of 155 feet. It will be constructed of brick and reinforced concrete and will cost approximately \$35,000.

Steps are being taken for the proposed Odd Fellows Building to be located at Main and Washington Streets. We understand that as yet no plans have been started.

### IOWA

**DAVENPORT.**—The plans of the new First National Bank Building, which will be erected at southwest corner of Second and Main Streets, are being drawn. The architects are now preparing the working plans, having finished the drawings. It is expected that the actual work of tearing down the upper part of the old structure will begin shortly.

### KANSAS

**LEAVENWORTH.**—The Rev. E. H. Wark, the pastor of the Methodist church, is said to be interested in the erection of a new church and special efforts will be made this year to get one.

**SALINA.**—According to current reports Salina is to have a new Y. M. C. A. building. It is estimated that the building will cost from \$18,000 to \$20,000.

### KENTUCKY

**HICKMAN.**—Elm Lodge No. 3, Woodmen of the World, has purchased lots on Jackson Street and will erect, it is reported, a large business building in the near future. The building will cost about \$12,000.

**LEXINGTON.**—Plans for the new Leland Hotel to be erected on the site of the old Clarendon Hotel are said to be nearing completion. Messrs. Klair and Mooney are said to be interested in the enterprise. Frank M. Andrews, of New York, is the architect.

According to reports a movement has been launched in Lexington to build a hall for the local lodges, Phoenix and Phantom, of the Knights of Pythias. About \$30,000 is to be raised for this purpose.

### LOUISIANA

**NEW ORLEANS.**—The Marquette Association has been formed for the purpose of building a great university in connection with the present Loyola College on St. Charles Avenue facing Audubon Park, it is said.

We understand that the Wells-Fargo Express Company has bought land in the square bounded by Dryades, Calliope, Rampart and Howard Avenues, on which it is to erect a handsome building to be used as a stable and warehouse.

A Trinity parish house is at last a reality, through the generosity of William H. Howcott, who has deposited \$25,000 in the bank subject to the order of the church wardens for the erection of this structure. The building committee, in consultation with the rector, consists of Messrs. Edmond Glenney, Warren Kearney and W. S. Parkerson. The architects selected are Messrs. DeBuys Churchill & Labouisse.

### MARYLAND

**BALTIMORE.**—St. John's-Emmanuel M. E. Church South will erect a parsonage at Laurens and McCulloh Streets. The new parsonage will be two stories high and have a frontage of 39 feet and a depth of 49 feet. The plans were drawn by E. L. Walsh, architect. It will cost about \$10,000.

William J. Garrett has sold to the German Land Improvement Company two lots on the northeast side of Park Heights Avenue. It is said that the lots will be improved in the spring with two handsome three-story residences.

By instructions of the Maryland School for Boys, sealed proposals will be received at the office of the architects, Wyatt & Nolting, on or before February 18, for the erection of an administration building, and two or three cottages on the site of the school, near Loch Raven, Baltimore County, Maryland.

A large parcel of ground on the north side of North Avenue, corner of Lovegrove Alley, near St. Paul Street, has been sold by Joseph Packard, trustee, to James W. Clayton, builder, who will develop the land with handsome dwellings.

The Architectural Commission of Baltimore is said to have selected the following architects for proposed structures in the city of Baltimore: Schools—Reisterstown Road and Fifth Avenue, Otto G. Simonson, \$125,000; Carroll and Windmere Avenues, Baldwin & Pennington, \$107,000; Mulberry and Payson Streets, Theodore Wells Pietsch, \$120,000; addition to the Western High School, Wyatt & Nolting, \$107,000; addition to school on Retreat Street, Archer & Allan, \$18,000. Engine and truck houses—Paca and Fayette Streets, G. Edward Lafferty, \$20,000; Gorsuch Avenue, Charles M. Anderson, \$24,000; Caroline Street and Eastern Avenue, Cassell & Sons, \$25,000; Edmondson Avenue and Bentalou Street, Ellicott & Emmart, \$24,000; Russell and West Streets, Paul Emmart, \$24,000; addition to No. 1 Truckhouse, Gay Street, near Baltimore, plan already prepared, \$25,000; pipe line station building, D. B. Banks, engineer in charge, \$50,000; new building at Bayview, Parker, Thomas & Rice, \$150,000.

**HAGERSTOWN.**—It is understood that the members of Trinity Lutheran Church Council have decided upon a Gothic design, submitted by A. A. Richter, of Lebanon, Pa., for the new church, Sunday school room and parsonage to be erected at the corner of Potomac and Randolph Avenues.

Architect Hesman Miller, of Philadelphia, is said to be preparing plans for the remodeling of the Maryland Surety Trust Company's building at Hagerstown.

### MASSACHUSETTS

**BOSTON.**—Plans for a four-story brick and stone dwelling house to be erected for Augustus F. Goodwin in Commonwealth Avenue, Back Bay, have been drawn by Otto Strack, of New York. The proposed structure will have a frontage of 26 feet and a depth of 67 feet, and will cost upward of \$40,000.

Plans for a new church to be erected for St. Mary's parish at Newton Upper Falls have been finished, it is said. The design of the proposed building is classic in character. The edifice will be constructed of fireproof blocks of concrete.

**CAMBRIDGE.**—From reports in the local press we learn that a three-apartment frame house for William Reardon will be erected in Drummond Place, Cambridge. It will be constructed of wood and will be 26 x 55 feet.

**NEW BEDFORD.**—Furnans & Brother have secured property at the corner of Union Street and Acushnet Avenue, and according to reports, they will improve the site.

The members of the Wamsutta Club are said to have decided to spend \$20,000 in the remodeling of the present club quarters. Francis Woodward is president.



At a meeting of the members of the South Baptist Church, it was voted to accept the plans for a new church as recommended by the committee. The church will be located on Brock Avenue, opposite the new engine house, and will be a neat edifice.

Edmund O'Keefe has purchased of John Burgess and other Kempton heirs the large tract of land on the southeast corner of County and Mill Streets, and, from reports in the local press, we understand that he will improve same.

PALMER.—We understand that the question is being considered of erecting a new high school building in the Depot Village, and raising and appropriating a sum not to exceed \$45,000 for the same.

Immediate steps will doubtless be taken by the members in the rebuilding of the Second Congregational Church, which was recently destroyed by fire, at an estimated loss of \$20,000.

It is currently reported that plans are being considered by the St. Joseph French Catholic Church Society in Salem for a new brick edifice.

SALEM.—William G. Cochrane has bought two more lots of land adjoining his other holdings in Harbor View Avenue, Juniper Point, Salem, and will build thereon, it is said, this year.

SOUTHBRIDGE.—The Sacred Heart Catholic parish has acquired the title to the old ball ground on Charlton Street and will immediately put up a church to cost \$200,000, it is said.

On Main Street corner of Foster Street, the town of Southbridge has bought a big piece of real estate from which four dwelling houses have already been removed, and as soon as spring opens will begin work on a \$100,000 public library building.

The congregation of Holy Trinity Episcopal church is said to have taken an option on a piece of land on Hamilton Street and has begun raising a fund of \$40,000 for a new church building.

WINTHROP.—Lot 31 Loring Road, Court Park, Winthrop, containing 5,500 square feet, has been bought by Dr. Adelbert R. Drury, of Roxbury, who in the spring will, it is said, build an attractive frame house for his occupancy. The Edward T. Harrington Company, of Boston, negotiated the sale.

#### MICHIGAN

BIG BAY.—The Brunswick-Balke-Collender (New York) interests are planning to build a large factory at Big Bay, on the Lake Superior shore, 20 miles northwest of Marquette, in the spring.

LUDINGTON.—According to current reports in the local press Architect Van Leyen, of Detroit, has just completed plans for a six-room addition to the present school building at this point.

#### MINNESOTA

DULUTH.—Architects Radcliffe & Price are preparing plans, it is said, for a new home for Capt. M. L. Fay at the corner of Twenty-first Avenue east and Superior Street. It will be a two-story brick and terra cotta building, to cost about \$10,000.

Radcliffe & Price are also, according to reports, preparing plans for a flat building for George Carino on West Third Street, near Seventh Avenue west.

We understand that Architect Frank L. Young is preparing plans for a home for Bert Rowe on Second Street between Thirteenth and Fourteenth Avenues east.

#### MISSISSIPPI

LAUREL.—Stewards representing the Main Street Methodist Episcopal Church have decided, it is said, to erect the new church at the intersection of Rumble and Summit Streets. Plans for the building will be drawn at once.

#### NEBRASKA

OMAHA.—The appropriation of \$50,000 for the erection of an additional building for the State Institution for the Deaf and Dumb in Omaha will be recommended to the Legislature by the legislative committee composed of Senator Charles A. Randall of Newman Grove and others.

#### NEW JERSEY

CAMDEN.—We understand that the Campbell Preserve Co.

will shortly begin the erection of a five-story addition to its present plant that will cost many thousand dollars to build.

EAST ORANGE.—It is said that an artistic stucco house is to be erected at 550 Mt. Prospect Avenue for Mrs. Inslee A. Hopper, of East Orange. Its type of architecture is that known as English suburban. The plans were drawn by Architect Albert Phillips, of Newark. Estimated cost is \$14,000.

NEWARK.—Decision was made to proceed with an addition to the Hebrew Orphan Asylum to cost between \$10,000 and \$15,000 at the annual meeting of the Hebrew Benevolent and Orphan Asylum Society. Plans will be submitted to the directors in another month.

A four-story brick double flat will soon be put up at 568 Warren Street by F. M. Weiler. Plans for the proposed structure have been completed by P. T. MacLagan. The cost will be about \$12,000.

PATERSON.—Milton Lowy will be the owner of the four-story brick dwelling, measuring 72 x 92 feet, to be erected at Summer Avenue, Summer Place and May Street, according to the permit granted the architect, Hyman Rosensohn, of Newark. The estimated cost is \$40,000.

A new church edifice, costing about \$25,000, is to be erected by the congregation of St. Stephen's Polish Catholic Church during the coming summer, it is said. The plans have not yet been drawn, but the congregation has decided, we understand, to instruct Architect William Fanning to prepare drawings.

Hyman Rosensohn, of Newark, has drawn plans of a two-story, brick dwelling that William Goldstein will erect at 128-130 Harrison Avenue, Harrison. The ground dimensions are 40 x 82 feet. The estimated cost is \$15,000.

The same architect has been commissioned by Dr. I. J. Rachlin to draw plans for seven four-story, brick dwellings to be erected in Morris Avenue, near South Orange Avenue. The ground dimensions of each structure are 33 x 73 feet. The estimated cost of each is \$15,000.

RIVERTON.—Architects Baily & Bassett, of Philadelphia, Pa., are planning, it is said, a house in Riverton for Miss Helen Lippincott.

#### NEW YORK

BUFFALO.—The Jacob Dold Packing Company has under consideration the erection of a three-story brick structure out in East Buffalo which will be used for salt cellars and hog chill rooms. The plans call for an expenditure of \$20,000.

Within the next two weeks definite steps will be taken to rebuild the Point Abino station of the Buffalo Yacht Club, which was destroyed by fire last fall, it is reported.

ELMIRA.—The proposition to build and equip a new club house is being discussed by the Elmira Knights of Columbus. It is estimated that the new club house will cost, when completed, in the neighborhood of \$20,000.

FREDONIA.—At a special meeting of the Fredonia Board of Education a resolution was passed which, if ratified by the people, will give the village a \$50,000 school building on the site of the present Barker Street, or Central, School.

JAMESTOWN.—The Board of Health and Park Commission in joint committee adopted a report favoring the construction of a municipal hospital on the O. E. Jones Memorial Hospital site. The plans provide for a building costing \$40,000.

NEW YORK.—Louis Corn and Maximilian Zipkes, architects, have revised plans for rebuilding the lofts owned by Moe Levy on the triangular plot at Baxter, Canal and Walker Streets, which were damaged by fire. The new structure will be a seven-story building with ornamental facade. The improvements are to cost \$25,000.

It is said that the Ocemore Building Company will put up a nine-story storage warehouse, 50 x 97, on the south side of 150th Street, west of Amsterdam Avenue, from designs by Moore & Landsiedel, architects. It is to cost \$140,000.

We understand from the daily press that Noble & Gauss will build five-story flats, 40 x 84, on the east side of Park Avenue south of 179th Street, from plans drawn by Architect Harry T. Howell. The cost is placed at \$30,000.

Having outgrown its home at No. 170 Bleecker Street, the Industrial-Christian Alliance has obtained title to the property at the southwest corner of Bond and Lafayette Streets, and will erect a new and modern home, it is said. Dr. Harvey Graeme Furbay is general secretary. The plans for the new

home have just been completed by James E. Ware & Sons, architects. The building will be six stories and a basement, and will cost \$200,000.

Architects Louis Korn and Maximilian Zipkes have drawn plans for twelve-story lofts, with store, 45 x 90 feet, to be erected at Nos. 40-42 West Twenty-second Street. The cost is placed at \$200,000.

The Marmac Construction Company has acquired property at 102-106 West Twenty-seventh Street, and, according to reports, will improve the site with twelve-story stores and lofts.

Samuel Cohen has, it is said, sold property 50 x 150 feet on the south side of Garrison Avenue, east of Hunt's Point Avenue, to Broad Realty Company, as the site for a proposed business building.

It is said that William Waldorf Astor will build a six-story mercantile structure at Nos. 11-13 East Thirty-fifth Street, 50 x 100 feet.

We understand that Architect George H. Griebel has prepared plans for enlarging the Hamilton Bank Building, Nos. 213-217 West 125th Street. Two stories are to be added, making it seven stories high. The improvements are to cost approximately \$48,000.

At the annual meeting of the Rocky Mountain Club of New York plans are said to have been under consideration for the club to build a home of its own.

John King and Edward Schlatter have purchased a piece of property, 50 x 100, at Palmetto Street and Onderdonk Avenue, Ridgewood, where, it is said, they propose erecting a big vaudeville show house. We understand that Louis Berger, Architect, of Brooklyn, is drawing the plans.

It is said that Architect Frederick C. Zobel has begun work on plans for a 10-story mercantile building to be erected at Nos. 260-262 West 35th Street, 50 x 98. J. W. Dimick owns the property.

According to reports in the daily press Architect Charles E. Birge has completed plans for 12-story lofts, 50 x 99, to be built at Nos. 19-21 West 24th Street, to cost \$200,000. A. J. Bastine is the owner.

Heil & Stern have sold Nos. 243-245-247 West 17th Street, through to Nos. 232-234 West 18th Street, old buildings, 50 x 184, to Daniel W. Richman and Gustavus A. Beyers, who will erect 12-story fireproof lofts to be ready, it is reported, for occupancy in January, 1910.

Central Building and Investment Company will build six-story flats on the east side of Convent Avenue, from 129th to 130th Streets, from designs by Henri Fouchaux, Architect. The structure is to be of the Italian Renaissance type. It is to cost, approximately, \$275,000.

In the 181st Street section of Washington Heights a group of flat houses will be built to cost \$1,000,000. Architects Sommerfeld & Steckler have completed the plans. The houses will be built on the south side of 181st, east of Fort Washington Avenue. The Syndicate Company is conducting the operation.

James Riley Gordon, architect for the Irving Corner Co., has drawn plans for the commercial building to be erected at the northwest corner of Irving Place and 16th Street. It is to be of Italian Renaissance design, eleven stories high, 148 x 225. It will be called the Borgfeldt Building, and is to cost \$900,000.

Architect J. Kearney has plans for the six-story building to be erected at Nos. 222 and 224 West 15th Street for the Convent of Jesus and Mary, connected with the Roman Catholic Church of Our Lady of Guadalupe at No. 229 West 14th Street. The building is to be of brick and limestone. It is to cost approximately \$50,000.

The congregation of the Holyrood Church has acquired the property at the northeast corner of Fort Washington Avenue and 179th Street, 100 x 179. According to reports the erection of a new church will begin soon.

Plans having been approved, work will shortly begin on the combined new church and Sunday school building to be erected for the First Church of Christ Scientists, on the southwest corner of Dean Street and New York Avenue, Brooklyn. The estimated cost of the structure will be \$30,000. The architect is Henry Ives Cobb, 42 Broadway, Manhattan.

Desmond Dunne Company has leased to George T. Hering a large plot of ocean front land between West Twentieth and West Twenty-first Streets, Coney Island, for a long term of

years. Mr. Hering will erect a hotel and bathing pavilion, it is said.

Ernestus Gulick Company has leased to L. B. Hollander, of Boston, the old dwelling No. 552 Fifth Avenue. The plot is 50 x 100. The Boston firm, it is reported, will build a structure for its own use, to represent an expenditure of \$1,000,000.

OCEAN SIDE, L. I.—The taxpayers of the Ocean Side School District are said to have voted favorably upon the proposition to raise \$75,000 for the purpose of building a new school house here.

OGDENSBURG.—It is said that Ogdensburg Aerie of Eagles has had plans prepared for the clubhouse which the order proposes to build in Ford Street. The building will have a large ballroom on the first floor and an assembly hall on the second floor.

PENN YAN.—Architect Leon H. Lempert, of Rochester, has been in consultation with Clinton B. Struble, owner of the Arcade Block, in relation to the opera house Mr. Struble proposes to build, with a seating capacity of from 700 to 800.

ROCHESTER.—Sealed proposals will be received by the Commissioners of Public Buildings, at the Purchasing Agent's office, Court House, up to February 24, 1909, for the construction of an annex or addition to the Monroe County Jail, in accordance with the plans and specifications prepared therefor by Messrs. Crandall & Strobel, architects, which may be seen at No. 401 Ellwanger & Barry Building, Rochester.

WEST NEW BRIGHTON, S. I.—Through Cornelius G. Kolff, Manhattan, Frederick A. Verdon has purchased a plot 100 x 155 on the east side of Elm Street, near Richmond Terrace, West New Brighton. According to current reports, he will erect a public garage, 50 x 125, on the site.

SYRACUSE.—Plans and specifications for the new Onondaga Hotel will be in the hands of contractors not later than February 15, and bids will be opened by the directors of the company at the Chamber of Commerce rooms March 1. The committee consists of Robert Dey, T. W. Meachem, C. W. Snow and De Forest Settle. The architects are Eisenwein & Johnson, Buffalo.

Architects have been invited to prepare sketches for a new building, the cost of which will be anywhere from \$20,000 to \$25,000, proposed by the members of an Anglers' club house at South Bay.

## NORTH DAKOTA

GRAND FORKS.—It is said that a new school building is to be located south of the present Belmont School, the site purchased being lots 13 to 24, block 10, Hackney's addition to Grand Forks.

## OHIO

CHILlicothe.—Architects Stribling and Lum, of Columbus, are said to be preparing plans for the erection of a two-story hospital building for Chillicothe, to cost about \$30,000. Other buildings will probably be erected on the ten acres of ground owned by the hospital association.

CLEVELAND.—Bids are to be asked this week on the new \$1,000,000 building to be erected for the Brotherhood of Locomotive Engineers at Ontario Street and St. Clair Avenue. Knox & Elliott, with offices in the Rockefeller Building, are the architects. Contracts for the structure will be let about the first of March.

COLUMBUS.—Complete plans and specifications have been prepared for the erection of a six-story family hotel building to be located at Ninth and Broad Streets, the cost of which will be more than \$100,000. The architects are Julian and Julian, who are working under the direction of Mrs. Mary A. Green, who has leased the old Wetmore estate and will own the building to be erected.

HARPSSTER.—Architects Stribling and Lum, of Columbus, are receiving bids on a \$15,000 residence to be constructed at Harpsster for Dwight Fowler. Bids will close February 15.

## OKLAHOMA

EL RENO.—Mr. A. Ashbrook, of the Conservative Investment Company, with offices in Nebraska and Oklahoma, has purchased the lot at 111 North Bickford Avenue, from Dr. John Threadgill, of Oklahoma City. Mr. Ashbrook has stated that he will erect a modern building on the lot, but the plans have not yet been drawn.

**ENID.**—It is reported that students of the Oklahoma Christian University have taken it upon themselves to raise \$12,000 for the construction of a gymnasium in connection with the college.

**HOBART.**—At a meeting of the local lodge of the I. O. O. F. a committee was appointed for the purpose of purchasing a suitable building site on which the lodge expects to erect a three-story brick building for its new home.

**OKLAHOMA CITY.**—Plans and specifications for the erection of a new \$25,000 office and store room building, southeast corner of Broadway and Reno Streets, have been prepared, it is said. The property belongs to Mrs. A. M. Laverich and work will begin shortly.

Fred C. Miller, of Detroit, has purchased a site, 100 x 140, at the corner of 12th and Robinson Streets. Mr. Miller contemplates the erection of a flat to accommodate 18 families and to cost \$50,000. The structure will be three stories high.

Having outgrown the present quarters for lodge purposes members of the Mystic Shrine have decided to erect a new Temple strictly for a lodge room for the shrine in this State, to cost \$150,000.

Charles F. Colcord has purchased the three-fourths interest of Robert Galbraith, of Tulsa, in the site at the northwest corner of Grand Avenue and Robinson Street, it is said. In the purchase of the interests Mr. Colcord also assumes a contract whereby he is to commence the construction of a large building; estimated to cost \$400,000.

**FORUM.**—According to reports in the local press Forum citizens are having the plans made for the erection of a new brick building, 65 x 125 feet. It will be used for a hall for the Odd Fellows and a business building.

### OREGON

**PORTLAND.**—Plans are being drawn, it is said, for a six-story brick warehouse for Blake, McFall & Co. at the southwest corner of Fourth and Ankeny, where the firm has a quarter block.

A local manufacturing enterprise was brought to light recently when the announcement was made that the Rudgear-Merle Company, of San Francisco, one of the largest manufacturers of brass, steel and iron beds on the Pacific Coast, with a capital of \$1,000,000, has decided definitely to establish a branch manufacturing plant here, and has already secured ground for that purpose.

### PENNSYLVANIA

**BUTLER.**—Architect John T. Comes, of Pittsburg, is said to be planning what is to be one of the finest church buildings in Butler County. It is to be located at Butler and is to cost \$100,000. The structure will be of the English Gothic type and will cover 70 x 150 feet. It will belong to the St. Paul Roman Catholic Church.

**MERCERSBURG.**—Mercersburg Academy is preparing to build one of the finest school gymnasiums in the country. The building will be about two hundred feet long and one hundred feet wide, and will cost about \$100,000.

**NANTICOKE.**—Some half a hundred women of Nanticoke, inspired by a great need of a hospital there, have formed an organization and will raise funds to erect and maintain one.

**PHILADELPHIA.**—Competitive plans by George W. Rehffuss, Architect, have been chosen by Sydney Asher for the erection of the new swimming and dancing school he intends erecting on the rear of the Childs mansion property, 22d and Walnut Streets. The new building will be two stories high, 48 x 148 feet.

M. B. Medary, Jr., has plans practically finished for St. Bartholomew's Protestant Episcopal parish house, to be built at 25th Street and Lehigh Avenue. It will be of brick, 45 x 100 feet, three stories high. It will cost about \$35,000.

The Operative Plasterers' Mutual Protective Union, of Philadelphia, has bought the old Clermont wagon works, on Ridge Avenue, below Melon Street. It is understood that the purchasers will improve the property by the erection of a hall building.

Wolstenholme & Clarke, the worsted yarn manufacturers of Manayunk, have just bought a plot of ground, 400 x 700 feet, in this city, on which they will erect a new plant. They propose erecting a five-story reinforced concrete building of the latest and most improved mill construction.

T. Frank Miller is said to have finished plans for the completion of the Evangelical Lutheran church at Fifth street and Sedgley avenue.

According to current reports, architect Frank Seeburger has a commission to design a house in Bryn Mawr for William E. Cash.

Architect C. E. Oelschlager is planning alterations to the building at 413-17 South Fifth Street, to fit it for a moving-picture hall, it is said.

The three store properties at Nos. 1419-21-23 Chestnut Street which the Girard Trust Company acquired several years ago are shortly to be demolished and on the site will be erected, at a cost of \$100,000, three fine marble front buildings according to plans designed by Architects Furness, Evans & Co.

According to reports in the local press, John Wyeth & Brother are about to build a concrete structure, for which plans are being prepared by Architect Werner Trumbower.

A syndicate headed by Magistrate John J. Grellis has purchased a plot at Twenty-eighth and York Streets, on which, it is stated, a big moving picture and vaudeville house will be erected, at a cost of \$10,000. It will be a one-story structure, 40 x 125 feet.

Plans have been completed, we understand, for the erection of a large building in Cedar Street, above Allegheny Avenue, for the Pennsylvania Polish College. It will be an L-shaped structure, measuring 122 x 160 feet.

Architects Bissell & Sinkler are said to be planning a large fraternity house to be built at 3537-39 Locust Street for the Alpha Chapter of the Phi Kappa Sigma Fraternity, of the University of Pennsylvania. It will be three stories high, with an exterior of stone.

**PITTSBURG.**—John A. Sharp has sold to W. C. McElheny a vacant plot 65 x 160 feet on the east side of Shady Avenue, near Northumberland Avenue, Squirrel Hill, and it is said that on the lot the purchaser will have a fine residence erected for his own use.

Francis E. McGillich has bought property on Penn Avenue, through the J. J. McKenna Company, and, according to reports, he will improve the site with brick stores and dwellings.

Architect R. Maurice Trimble will ask for estimates in a few days on the construction of a three-story fireproof building to be used as an industrial school, and to be located at Washington Avenue and Gladstone Street, old Sixth Ward, North-side. The building will cover 34 x 90 feet, and is to cost about \$30,000. Bids will close February 25.

**SCRANTON.**—It is reported that the Wyoming Cut Stone Company is planning the erection of an addition to their plant on Meridian street.

Ford & Kendig, of Philadelphia, have purchased the lots of A. L. Derry & Co. in Pine Brook and will erect a large manufacturing plant there. W. F. Vaughan is looking after the company's interests in this city.

Albert Freitag, of Troy, N. Y., manufacturer of church organs, has purchased the property at 1757 Monroe avenue, and will in the course of a few weeks erect a factory on the rear of that site.

A syndicate headed by Lewis B. Carter and architect Harvey J. Blackwood, of this city, is planning the erection of a twenty-five family apartment house at Madison avenue and Mulberry street, on the site of the old Christian Science building. The plans of the building, which were drawn by Mr. Blackwood, call for a five-story, press-brick structure.

The Lackawanna Cold Storage Company, of Wyoming Avenue, will in a few weeks commence building an addition to its present plant, that will more than double the storage capacity of the company.

**WILKES-BARRE.**—The stockholders of the Cumberland Company at a recent meeting voted to erect an apartment building. Plans have been sketched for this structure and it is thought that work will be started within a short time. Estimated outlay, \$50,000.

The property of the Bergunder estate on East Northampton Street, opposite to the car barn of the traction company, is to be improved by the erection of a three-story brick store and flat building. Architect Alfred Free-



man, of New York City, has prepared the plans for the building, work on which will be started on April 1.

WILLIAMSPORT.—The people of the parish of St. John's Episcopal Church, South Williamsport, are said to have under consideration the erection of a new rectory in addition to the edifice now in course of construction.

Joseph J. Bower and Harry J. Slack, both residents of West Fourth Street, have purchased property on West Fourth Street, near Campbell Street. The old building, it is said, will be razed to make way for a new apartment house.

YORK.—Jacob D. Harnish, of his city, will receive bids in the near future for the erection of a four-story apartment house at 205-207 West Market Street. Work on the structure will be started early in April.

#### RHODE ISLAND

PROVIDENCE.—It is said that a resolution appropriating \$50,000 for a tuberculosis hospital for advanced cases, and creating a commission of five persons with power to erect such hospital has been introduced into the House by Mr. Bliss, of Cranston.

#### TENNESSEE

KNOXVILLE.—It is said that plans have been completed for a 10-story steel construction building for the Anderson-Dulin-Varnell Company, owners of the Miller Store. The plans were designed by R. Graf, Architect. The plans call for a building 40 x 124 feet.

MARYVILLE.—According to current reports, Ellis, Chandler & Company will erect a building on Main Street in the near future.

MEMPHIS.—The vacant property at the northeast corner of Fourth street and Court avenue has been bought by Horn Brothers. The property has a frontage of 70 feet on Court avenue and extends back 163 feet facing Fourth street.

According to reports Horn Brothers will build a four-story brick and stone store and office building on the site, and it is estimated that the cost of the building will exceed \$50,000.

NASHVILLE.—Plans for the proposed hospital to be erected by the University of Nashville on the square bounded by Franklin and Peabody Streets, Second and Third Avenues, are at the office of C. S. Ferguson, Architect, and bids will be closed Feb. 17. The plans were prepared by Meyer J. Sturm, of Chicago. The plans call for a handsome 5-story and basement fireproof building.

According to reports 110 acres of land have just been purchased in the 13th District of Davidson County for the establishment of a juvenile reformatory in accordance with an act passed by the last Legislature.

#### TEXAS

ARLINGTON.—Architects C. W. Bulger & Son, of Dallas, are said to have been commissioned to prepare the plans for the new edifice to be erected by the congregation of the new Baptist Church of Arlington, at an estimated expenditure of \$12,000.

BROWNWOOD.—At a meeting of the School Board the plans of Architect Walker, of Fort Worth, for the new school building were accepted. The plans call for a 10-room building, with four rooms in the basement. The material to be used will be brick and stone with reinforced concrete. When completed the building will cost \$25,000.

CLARENDON.—At a special session of the Quarterly Conference held recently it was voted to build a new \$30,000 Methodist Church this year and a new site was selected, corner of Fourth and Jefferson Streets.

CORSICANA.—President Fred Doke, of the Corsicana Commercial Club, has received advice from J. S. Taylor, supervising architect of the Treasury Department at Washington, notifying him that the preliminary sketches of the new government building to be erected here at a cost of \$80,000 have been approved. It is probable that the department will advertise for bids for the building about May 1.

DALLAS.—Dr. G. Beaumont has sold to J. C. Casler 100 x 110 feet on the northeast corner of Jackson and Harwood Streets. Mr. Casler and associates are the owners of the Independent telephone franchise. According to reports, they will at once erect on the property a fine building with a floor space of 20,000 square feet, for the home of the company. Local

architects have already been engaged to prepare plans and specifications for it. The company will within twelve or eighteen months invest between \$1,000,000 and \$1,500,000 in the new enterprise.

STAMFORD.—According to reports, plans are invited for a Carnegie Library building for Stamford, building to cost not exceeding \$15,000. Homer D. Wade, secretary, Stamford.

TULSA.—The general superintendent of the Missouri, Kansas & Texas station has notified Agent Leachman that the chief engineer has received instructions to make plans for a new station at Tulsa.

#### UTAH

OGDEN.—The Sixth Ward in this city is to have a new meeting house, to be located on the corner of Twenty-third and Madison Streets. It will be of brick and stone and will be modern in every way. Architect S. T. Whittaker is at work on the plans, which call for a two-story building 66 x 86 feet in extent.

SALT LAKE CITY.—The question of directing the regents of the University of Utah to expend \$250,000, or so much thereof as may be necessary, to erect a central building on the university campus is said to be under consideration at this point.

#### VIRGINIA

NORFOLK.—It is expected that bids for the erection of the new Y. M. C. A. will be asked for about March 1. The new building is to be erected at Granby and Freemason Streets and will cost approximately \$150,000. Architect Russell Edward Mitchell is working on the plans.

SUFFOLK.—The members of the Main Street Methodist Church are said to have in view the building of a new \$60,000 church edifice at this point.

#### WASHINGTON

ABERDEEN.—It has been decided by the Pythians to build a hall at a cost of \$20,000. According to reports, plans are being drawn for the building.

HILLYARD.—According to reports in the local press, the Great Northern has plans ready for enlarging its shops at Hillyard, at a cost of \$200,000.

SEATTLE.—Architect A. Warren Gould is preparing plans for a six-story apartment house to be constructed on Broadway near Pine Street. The house will cover a lot 80 x 120 feet. It will be of brick and steel construction. The cost will be approximately \$100,000. Merrill Brothers are the owners of the lot.

Mayor John Mueller, of Georgetown, will begin next fall the construction of a seven-story building at the southeast corner of First Avenue South and King Street. It will cost about \$70,000. Architect F. A. Sexton has drawn the plans.

TACOMA.—The Northern Pacific Railway Company has decided to give the Washington Parlor Furniture Company a lease on a factory site facing on Eleventh Street, east of the marble works, on the city waterway. It is said that the furniture company will erect a large three or four-story brick building on the tideflats, covering a ground space of about 175 x 200 feet.

We understand that Architects Russell & Babcock have been given orders by the Chamber of Commerce to draw the plans and superintend the work of remodeling its rooms and installing the permanent exhibit of city and county products.

Architects Heath & Twichell are said to be preparing plans for the new Swedish Mission Church at South Tenth and I Streets.

#### WEST VIRGINIA

MARTINSBURG.—The directors of the Merchants' & Farmers' Bank in this city have consummated a deal whereby they have secured property on South Queen Street for the site of the proposed new banking building.

#### WISCONSIN

GREEN BAY.—Bids will be received by the Board of Education of Green Bay up to March 3, for the various branches of work required in the erection of a High School Building in accord with plans and specifications prepared for the same by J. C. Llewellyn, Architect. Plans may be seen at the office of the Board of Education in Green Bay, or at the office of the architect, No. 1520 First National Bank Building, Chicago.

# CURRENT NEWS

## WHAT IS BEING DONE

Five hundred manufacturers of explosives, pulp wood and similar products have been asked by the National Conservation Commission for information as to all possible uses of sawdust. From this it will be seen the Commission is going into fine details in its inventory of the natural resources of the country. Seven thousand lumbermen have been asked for their opinion as to the waste of lumber in saw mills, and more than two thousand lumber dealers and cooperage, veneer, furniture, box, vehicle and implement manufacturers have been asked to point out striking features of waste in their respective lines. Yet all this is only one part of the general scheme of hunting down waste which the commission is following in making its inventory. It is going after the little wastes here and there, which, added together and put into dollars and cents, make an astonishing total.

For instance, take the making of veneer. At first blush it may not seem worthy of consideration with the manufacture of other products mentioned. Yet the scarcity of the more attractive finishing woods in the last few years has led to the annual production of over 1,100,000,000 square feet of veneer. This, of course, has been made possible only by the introduction of new veneer-making machinery.

The use of veneer is generally regarded as exemplifying the scarcity of the finer woods and typifying the complete utilization of various kinds of woods, yet from one of the schedules of the National Conservation Commission it is evident that the Commission expects to discover great waste even in veneer manufacture.

Though the word veneer carries many meanings, from a glaze applied to pottery to the "polish" of a man of the world, it is most commonly employed as the name for the thin slices of wood now extensively used in the manufacture of all sorts of articles of use, such as wood plates, baskets and the exterior finish of furniture and woodwork. The manufacture of veneer in the last few years has advanced by leaps and bounds.

The best veneer is sawed, but a great deal is sliced, and still more is "rotary cut." By the last-named process logs of the desired wood are steamed until they are soft and then fixed in a lathe-like machine, in which they are turned against a wood knife. As the log rotates against the knife veneer of the desired thickness is peeled off in a continuous slice, as if you should pare an apple, going deeper and deeper at each complete turn, until nothing is left but the core. The center of the log left after the veneer is cut is also called a "core."

The woods principally used for making veneer are red gum, maple and yellow poplar, which together yield more than half of the total product. Red gum is largely used for baskets and maple for furniture. More valuable than these, however, are white oak and walnut veneer. Beech, which can be cut very thin, is used very largely for wooden plates. A number of other kinds of woods are used.

A good deal of waste occurs in the manufacture of veneer. It is always a problem, for instance, what use to make of the cores left by the rotary process. In many cases these are used for pulp wood, pillars or panel headings, and they are largely used also for fuel, excelsior, crates, boxes and baskets.

In the schedule of inquiries which the National Conservation Commission, through the Forest Service, is sending out, several questions are aimed to secure information as to the amount of waste in veneer manufacture and the possibilities of finding ways to utilize it.—*The National Builder*.

## A NEW ATELIER

We are advised that a new atelier of the Society of Beaux-Arts Architects has been formed under the direction of Mr. L. E. Jallade. Applications for membership should be addressed to the Jallade Atelier, 216 E. Forty-second street, New York.

## PERSONAL

Messrs. Somerville & Cote, architects, announce their removal to their new offices in the White Building, Fourth Avenue and Union Street, Seattle, Wash.

Messrs. Wilder & White, architects, have moved to 186 Fifth Avenue, New York City.

## BOOK NOTES

### ACADEMY ARCHITECTURE AND ARCHITECTURAL REVIEW, 1908

The present issue is volume thirty-four of this record of the best in architecture and sculpture exhibited in England and France during the last half of 1908. The illustrations are presented in the usual excellent manner, and the selections have been carefully made, thus producing a work which is of much interest. M. A. Vinson, Caxton Building, Cleveland, O., is the agent for the United States and Canada. The price of the work is \$1.75.

### RECENT ENGLISH DOMESTIC ARCHITECTURE

A special issue of the *Architectural Review*, of London, which comprises 200 pages, bound in cloth, stiff boards, presents 188 half tones and 52 line cuts of floor plans, of recent English domestic architecture.

This is an interesting and very valuable compilation of the best country houses recently erected in England. The text, which has been edited by Mr. Mervyn E. Macartney, F.R.I.B.A., F.S.A., is printed in English, French and German, each page containing three parallel columns, one in each language.

The American architect, engaged in planning country houses, should possess himself of a copy of this issue. Every subject is very thoroughly presented by several views and large plates of details, by the aid of which the construction can be carefully studied. With few exceptions, floor plans are shown with each house. This issue has been imported by M. A. Vinson, Caxton Building, Cleveland, O. The price is \$2.50, express prepaid.

### INDUSTRIAL

The Cobb-Eastman Co., furniture makers and interior decorators, of Boston, Mass., have opened a New York office at 101 Park avenue.

This office will be under the charge of Mr. William Fischel, formerly connected with the office of Messrs. Lord & Hewlett, architects.

### SOUTH DOVER MARBLE

In our issue of February 3, it was stated that the marble used in the Maxine Elliott Theater was from Dover, Mass. We are advised that this marble was quarried and furnished by the South Dover Marble Co., South Dover, Dutchess County, N. Y.

### A WORKING DEMONSTRATION OF THE RAYMOND CONCRETE PILE

In order to afford engineers, architects and others interested in foundation construction an opportunity of familiarizing themselves at first hand with its methods, the Raymond Concrete Pile Company, of New York and Chicago, will give, at the coming Chicago cement show, working demonstrations of its system of making and placing concrete piles. The Raymond system consists of placing a sheet steel shell in the soil by means of a collapsible steel core, withdrawing the core and thereupon filling the shell, previously subjected to a searching examination, with concrete. The entire operation will be shown at the Raymond Company's booth. A model pile driver will be employed in the placing of the shells.

### SOME LIGHT EFFECTS

It is found that in an ordinary room from which sunlight is excluded, the brightness of the daylight commonly runs as low as 1-10 or even 1-100 candle-power per square inch. The intrinsic brightness of nearly all artificial lights is much greater than this, which accounts for the injurious effects they produce on the eyes if situated within the range of vision. In a paper read before the Illuminating Engineering Society of Philadelphia, J. E. Woodwell discussed this subject, arriving at the conclusion that the best illumination is a diffused light of from 2-10 to 1-10 candle-power per inch. Although ultra-violet light has heretofore been held accountable for strain and other injury of the eye, he points out that there is less ultra-violet light in the rays of various incandescent illuminants than in direct or even reflected sunlight.—*Exch.*

### A NEW MATERIAL FOR CLOSET SEATS AND FLUSH TANKS

Many of the objectionable features of wooden seats seem to have been overcome in an easy way in the line recently placed on the market by the H. W. Johns-Manville Co., New York, called "Sanitor." These seats and tanks are molded in one piece from indurated fiber. This material is familiar to most of us in connection with fibre pails, wash tubs, water cooler tanks, etc., many of which have given satisfactory service for thirty years or more.

This material is non-porous and cannot absorb water; therefore no lining is required in tanks made of it, which does away with the danger of corrosion.

It is claimed that this material will not swell, shrink, warp, crack or sweat.

By a clever mechanical process, the exact grain of mahogany and oak is transferred to these seats and tanks. This is done so perfectly that few would be able to distinguish them from wood. The manufacturers are sending a sample of this material and descriptive booklet to interested parties.

### HEATING AND VENTILATION

The Buffalo Forge Co., of Buffalo, N. Y., in Catalogue 197, present a catalogue of their manufacture and a treatise on heating and ventilation that makes an instructive work, and its edited pages entitle it to a place in the architect's library. This book may be had on application. It contains 145 pages.

In all the branches of the so-called Fine Arts the engineer has become more and more a necessity in providing for the architect a safe, economical and practical way by which he may work out his ideas.

It is recorded in modern building that there are few problems the engineer cannot solve, whether it is the main structural idea or the equally important one of supplying fresh air and proper ventilation to the structure.

This pamphlet can be read with much profit by the builder and the architect, who will find in the product of the Buffalo Forge Co. every form of apparatus to meet usual requirements.

This company claim that their long experience in the field of heating and ventilation has equipped them to meet and overcome unusual conditions, and they solicit correspondence, not alone with reference to standard apparatus, but to the designing and instilling of equipment out of the usual.

### "CENTURY" ASBESTOS SHINGLES

A novel form of advertising instituted by the Keasbey & Mattison Co., of Ambler, Pa., takes the form of photographic postal cards illustrating recent suburban house, roofed with "Century" asbestos shingles.

In addition to showing the method of laying these shingles, the subjects selected for illustration are of the higher class of suburban house, and offer good suggestive ideas of construction. We are advised that these postal cards may be had on application of the Keasbey & Mattison Co.



# BUILDING NEWS

## ALABAMA

**BIRMINGHAM.**—A committee of the Jefferson County Board of Revenue has recommended that five acres of the alms-house property be sold to the Board of Control of the Mercy Home, to be used as a site for a training school for girls. The erection of school buildings to the cost of \$50,000 is contemplated.

## CALIFORNIA

**SAN BERNARDINO.**—Plans are being drawn, it is said, for the new home for the Odd Fellows. The original plans have been elaborated upon until the building will now occupy a site 60 x 140 feet, with three floors and a basement. The committee in charge of the building is composed of F. A. Rowe, T. W. Duckworth, John Shay, James Shedden, J. B. Frith, Joseph Strawser and W. A. Vale.

**LOS ANGELES.**—As the county's portion of proposed improvement of Agricultural Park, a property of the State, the Supervisors have adopted resolutions pledging the county to build a historical museum and art gallery on the property at a cost of \$150,000.

**ONTARIO.**—We understand that the local Current Estate Events club is planning to erect a new club house in the near future. Plans and specifications have been looked over and the proposition has been very fully discussed.

**PASADENA.**—According to current reports, All Saints' Church is to build another mission, according to plans announced recently by Rev. Mr. Learned.

**SACRAMENTO.**—The People's Savings Bank, of this city, has purchased a piece of property on the southwest corner of Eighth and J streets, and intends in the near future to erect a modern bank building thereon; the building will be a Class A structure and the cost will not exceed \$250,000.

**SAN FRANCISCO.**—The estate of Adam Grant has plans completed for the new Marquis Hotel, which will be erected at the northeast corner of Geary and Mason streets immediately. The Marquis Hotel will be an eight-story Class A building, with an exterior of white Caen stone in pleasing design. MacDonald & Applegarth are the architects.

The Swain Restaurant Company is said to have acquired property at O'Farrell and Stockton Streets, and, according to reports, will spend \$100,000 in the erection of a six-story building to be constructed after plans prepared by Albert Pissis, Architect.

**SAN JOSE.**—The trustees of the University of the Pacific have authorized President W. W. Guth to make contracts for the immediate construction on the campus of a dormitory for young women students. The structure will cost about \$25,000, according to the terms of the trustees' resolution. Plans have been prepared and contracts will be let in a few days for a president's house.

**SOUTH PASADENA.**—According to advices, W. C. Zimmerman, architect of Chicago, has been selected to prepare plans for the new buildings of Huntington Hall, which are to be erected at Oneonta Park in the near future.

## DELAWARE

**WILMINGTON.**—The Twelfth Ward Democratic Club is considering the advisability of purchasing a site for a new clubhouse, the club's present quarters in Searles Street being inadequate.

## GEORGIA

**ATHENS.**—On the first of June J. D. Moss will commence the tearing down of the building on Clayton Street, known as the Moss warehouse. In its place will be erected a handsome building for the firm of H. M. Miller & Son, of Brunswick, who will move to this city.

## ILLINOIS

**CAIRO.**—Architect C. Kusener is said to have prepared sketch plans for a proposed structure to be erected in Halliday Park. Ex-Alderman Fraser is said to be interested.

**CHICAGO.**—According to the local press plans are being prepared for a high-grade apartment house on the north side which

is expected to cost around \$350,000. Holabird & Roche are said to have made sketches for the building, which William Le Moine plans to erect at 42-50 Scott Street, near the Lake Shore drive.

The Board of Trade, Mr. Bunnell president, is said to have under consideration plans for a new 16-story structure, to replace the present building.

The American Luxfer Prism Company, whose present plant at 135 Superior Street has been taken by the Northwestern road for right-of-way purposes has acquired a tract of 27,200 square feet of land, 200 feet west of Morgan Street on the Chicago Junction Railway. The company will improve it with a two-story fireproof warehouse and manufacturing building to cost upward of \$25,000.

**PEORIA.**—According to report, plans for the new temple for the Order of the Mystic Shrine have just been completed by the architect, Herbert E. Hewitt. The building is to be erected on Monroe Street.

**ROCK ISLAND.**—The Trustees of the Augustans' College at this point are said to be contemplating the expenditure of \$100,000 in the erection of a library building in connection with the college.

## INDIANA

**ELKHART.**—The building committee of the Presbyterian Church has adopted the plans and specifications for their proposed new building as prepared by Architect E. Hill Turnock, it is said. This building is 67 feet wide on High Street and 112 feet long on Second Street. Estimated expenditure, \$50,000.

**FORT BRANCH.**—The First National Bank of Fort Branch is said to be preparing to erect a one-story brick structure to meet its present requirements.

**INDIANAPOLIS.**—Plans for a children's state hospital, to replace the recently abandoned Eleanor Hospital, to be built by private subscriptions and supported by the State, were outlined at a meeting in the board of trade building last week. Articles of incorporation for the institution, which will be known as the Children's Hospital of Indiana, are being drafted, and the work of raising \$300,000 will be started this week.

**MILROY.**—The effort is being made to raise funds to build a new church, estimated to cost \$20,000, by the congregation of the M. E. Church.

**WHITING.**—It is currently reported in the daily press that at a meeting of the Whiting City Council a resolution was passed to spend \$80,000 for a new manual training and high school in Whiting.

## IOWA

**MOLINE.**—The congregation of the Second Congregational Church is said to be contemplating the erection of a new edifice to cost in the neighborhood of \$18,000. Rev. R. S. Haney is pastor.

## KANSAS

**SALINA.**—R. J. Holmquist is reported to have under consideration the erection of a new building on South Fifth Street to be thoroughly modern.

## KENTUCKY

**GEORGETOWN.**—At the regular meeting of the Georgetown School Board, Chairman Robert Quincy Ward appointed a committee, composed of Messrs. William G. Abbett, Louie Snell and Dr. Mumma, to procure an architect to get plans and specifications for improvements that are to be installed in the city school building. Frank L. Smith, architect of Lexington, has been consulted in regard to the work, it is said.

**LEXINGTON.**—L. H. Ramsey has decided to build a new theater. There is a plan on foot to make a combination theater and office building with storerooms on the ground along with the lobby of the theater. Such a building as this will cost in the neighborhood of \$150,000.

Martin Geertz, architect, has been awarded the contract for the erection of a handsome residence for Mr. Hawkins, of Versailles, which will be located on High street. Mr. Geertz has also been awarded the contract to make extensive improvements

and additions to the residence recently purchased by Mrs. Sallie F. Carter, of Versailles.

At a recent meeting of the quarterly conference of the Methodist Episcopal Church, South, it was decided to remodel the place of worship at Sixth street and Broadway. The architects are now being communicated with, and it is said that within a few days plans will be submitted covering the proposed alterations and changes. The work contemplated will cost approximately \$25,000.

LOUISVILLE.—Plans for the remodeling of the Union Methodist church, known as the old Jewish Temple, at Sixth Street and Broadway, are now being prepared by architects and will be submitted to the members of the congregation within the next few days. The plans contemplate improvements costing approximately \$25,000.

Owen Tyler, trustee and manager of the Tyler estate, is said to have had Architects McDonald and Dodd prepare plans for a hotel structure to be located at Third Avenue and Jefferson Street.

#### MARYLAND

BALTIMORE.—Telfair W. Marriott, real estate broker, has sold to the Stoddard-Dayton Automobile Company the large lot on the north side of Mount Royal Avenue, between Maryland Avenue and the Lyric. Plans are being prepared for the erection of a modern and handsome garage there. The lot is 24 feet by 80 feet.

According to reports Dr. John Turner, from plans prepared by Architect R. B. Mason, will erect a three-story addition to his apartment house at 1814 North Charles Street.

Architect Jacob F. Gerwig has completed plans for the erection of six two-story brick dwellings for Morris Gumenick on the south side of Grason Street, near Bloomingdale Road. Each of the dwellings will be 14 x 76 feet.

#### MASSACHUSETTS

BOSTON.—Land in the Aberdeen section of Brighton has been conveyed by the Aberdeen Land Company to Carl Trumberbak. The property is located at the corner of Strathmore Road and Englewood Avenue, containing about 9,600 square feet. The new owner will erect a large, up-to-date apartment house, it is stated.

LAWRENCE.—So great has been the influx of pupils at the County Training School in this city that it has outgrown its quarters, and the county commissioners have made plans for the erection of an additional school house, two stories in height, with a basement, containing four rooms in all. An appropriation of \$50,000 to construct the building will be asked.

NEW BEDFORD.—The congregation of the South Baptist Church is said to have accepted the plans prepared by Architect K. B. Nevin, of Boston, for the proposed new edifice. Rev. T. S. Sayer is pastor.

PITTSFIELD.—The members of the Pittsfield Masonic Association are said to be discussing the question of new quarters, to meet present requirements.

A new villa is to be built by Warren E. Salisbury, of Chicago, on the Valentine place, which he bought a few months ago. It has been said that Mr. Salisbury has had plans prepared for a dwelling house to cost \$250,000, and that work will begin upon it the coming spring.

Architect George E. Haynes has completed plans for a three-story brick block to be built by James W. Meehan, undertaker, on his Melville Street property, and the plans will be given to the contractors this week for bids.

SPRINGFIELD.—According to reports in the local press, the congregation of St. Williams' Church is said to be contemplating the erection of a new structure.

#### MINNESOTA

MINNEAPOLIS.—A new \$100,000 hospital, to be located at the Soldiers' home, is proposed in a bill introduced in the House recently by Representative George McKenzie, Gaylord.

TOWER.—A hotel for Tower and a summer resort on Lake Vermilion, seem assured, it is said. F. E. Kolb, N. J. Graf and W. A. Moser, of Pittsburg, Pa., are said to be interested in the project.

#### MONTANA

GREAT FALLS.—The Masonic Building Association, composed of the several branches of the order, has just purchased two

lots at Central Avenue and Ninth Street, upon which they will erect a three-story building. Plans have already been prepared for the building and a large fund has been raised to be devoted to the cost of the structure. The building will cost in the neighborhood of \$34,000.

PLAINS.—At a result of considerable agitation in the local papers the trustees of this school district (No. 1) have decided to call a special election for the purpose of authorizing the district to issue bonds to the amount of \$25,000, the money to be used in putting up a high school building.

#### NEBRASKA

OMAHA.—The S. D. Mercer Company is asking bids for a new three-story hotel to be erected on the northwest corner of 10th and Howard Streets. The plans have been prepared by Fisher & Lawrie. The new building will be brick and will be 66 x 70 feet.

#### NEW HAMPSHIRE

ANDOVER.—From current reports in the local press we learn that the members of the Unitarian Churches at this point have raised money for the erection of a new structure to be built in the village of Andover Center.

#### NEW JERSEY

BRIDGETON.—It is practically assured that in the spring work will be started upon the new edifice for St. Mary's Roman Catholic Church, the plans for which entail an expenditure of \$30,000.

LONG BRANCH.—According to current reports, The Takanassee Hotel will be improved at a cost of \$15,000. The hotel is now owned by Judge Wilbur A. Heisley, who has approved the plans.

B. J. Greenhut, of New York, will expend \$150,000 on a country seat in Norwood Avenue, Norwood Park, it is said. This house will be built of stone. The house will occupy the Norwood Park Casino lot.

NEWARK.—Architect Hyman Rosensohn is working on the plans, it is said, of two brick dwellings that the University Realty and Building Company will erect at Garfield Avenue and Pierson Street, Greenville. Each will be four stories high and together they will measure 93 x 68 feet in ground dimensions. The estimated cost of both is \$40,000.

About \$18,000 will be expended by J. William Clark for the erection of two terra cotta and reinforced concrete dwellings in Parker Street, near Second Avenue, according to plans prepared by Squires & Ugnkoof, architects.

WILDWOOD.—Wildwood is said to be making preparations for the erection of a handsome \$20,000 high school building, opposite the Pennsylvania Railroad station.

#### NEW YORK

BUFFALO.—The Supervisors voted to advertise for bids on the improvements at the Penitentiary, recommended by the State Prison Commission, it is said.

CORTLAND.—The L. D. Garrison property in East Court Street has been sold to the Cortland & Homer Laundries Company, according to current reports. A three-story brick block will be erected on the lot next spring.

GOWANDA.—Sealed proposals for tuberculosis hospital at Gowanda State Homeopathic Hospital, Gowanda, will be received by the State Commission in Lunacy at the Capitol, Albany, N. Y., up to February 24. Drawings and specifications may be consulted and blank forms of proposals obtained at the Gowanda State Homeopathic Hospital, and at the office of the State Architect, Franklin B. Ware, Albany, N. Y.

LOCKPORT.—Orders have been received from the War Department by the Quartermaster at Fort Niagara to advertise for bids for the construction of a set of double quarters to be used by junior officers at the post, it is said. The expenditure will be between \$25,000 and \$40,000.

NEW YORK.—William H. Wheeler is the buyer of 28 and 30 West 38th Street. According to local reports plans are being drawn for a 12-story loft building.

Thomas W. Slocum and several other members of the Harvard Club have purchased No. 31 West 44th Street, adjoining the club house. The property is to be remodelled for club purposes.

It is said that Architects Buchman & Fox, are working on plans for an eight-story building, to be erected for L. P. Hol-

lander & Company, at 550 and 552 Fifth Avenue, near the old Lotos Club.

W. B. Greenman, who owns the old Lefferts house, a pre-Revolutionary landmark, at 1224 Fulton Street, near Bedford Avenue, Brooklyn, plans its demolition, so as to use the site for a new business building, it is said.

Plans are being drawn for six-story elevator apartments to be built by Keane & Haas on the southwest corner of Clinton Place and Jerome Avenue, 79 x 115 feet.

It is currently reported that the Presbyterian Hospital authorities have announced that the institution has acquired property on the East River shore in the block bounded by 67th and 68th Streets, the East River and Avenue A, with a view to improving same for hospital purposes.

Plans have been prepared for two six-story apartment houses to be built by Jacob Hirsch on the Broadway block between 152d and 153d Streets. They will have a frontage of 99 feet and a depth of 115 feet each and each contains 45 suites of apartments. They will be of brick trimmed with limestone and terra cotta and cost \$450,000. Schwartz & Gross and B. N. Marcus are the architects.

Belgrade Realty Co. has had plans drawn for six-story apartments of Renaissance design to be located on the southeast corner of Broadway and 136th Street. The drawings are by Neville & Baggs, architects. The house will be 99 x 95 feet, with 31 apartments. It is to cost \$200,000.

Charles E. Duross has leased the southeast corner of 11th Avenue and 21st Street, to George Holober and Daniel W. Blumenthal. According to reports Mr. Blumenthal has stated that he would build.

Mrs. William P. Douglas is the buyer of the lot, 25 x 80, on the east side of Park Avenue, south of 38th Street. Mrs. Douglas will erect a five-story dwelling on the lot just purchased, it is said.

William Roffler is the buyer of the plot, 108 x 100, on the south side of 111th Street, 125 feet west of Broadway, sold recently by Bing & Bing. Mr. Roffler, according to reports, will build a six-story elevator apartment house on the property.

Plans for the new theatre to be built for Percy Williams at the southwest corner of Melrose Avenue and 150th Street by the American Real Estate Company have been prepared by William H. McElpatrick, architect. It will have a capacity of about 1,800 and will cost \$200,000.

William L. Sutphin and Andrew F. Gilsey have bought Nos. 146 to 150 W. Twenty-seventh street, 45 x 98. The buyers are planning to build ten-story lofts, we understand.

Architect George F. Pelham has drawn plans for the six-story apartments to be erected by the Sterling Building Co., John J. Schwartz, president, on Wadsworth avenue, West Side, north of 176th street. The house will cost approximately \$100,000.

William Rossler has bought from Bing & Bing 108.4 feet on the south side of 111th street, west of Amsterdam avenue, and will erect six-story elevator apartments. The 108 feet adjoining on the west was bought by Samuel D. Davis, who intends to build an elevator house.

ROCHESTER.—Plans have been prepared, it is said, for a factory to be built by the John Hoffman Company, manufacturers of showcases and fixtures. The factory will be at Crouch and Leighton Streets, and will cost about \$45,000. It will be 110 feet wide, 350 feet long and one story in height.

The H. P. Sickels Company is about to build an addition to its plant in Elton Street, according to current reports.

TROY.—The Board of Contract and Supply at its regular meeting approved the plans and specifications for the new public school building to replace the present No. 1 structure in the 13th Ward. The plans for the structure were prepared by Architects M. F. Cummings & Son. Bids for the work will be received at a meeting of the board to be held February 23.

WAVE CREST, L. I.—Wave Crest, located between Edgemere and Far Rockaway on the Atlantic Coast, is to have a new hotel to be built by Joseph Stern, from plans by Oscar Lowinson, Architect, Manhattan. The structure, which is located on a plot 78 x 200, facing the ocean and bounded by Fulton, Dickerson and Bay Avenues, will be ready for occupancy for the season of 1909. The building has been designed in the French Colonial style.

WOODHAVEN, L. I.—The building Committee appointed by the

Woodhaven Exempt Veteran Volunteer Firemen's Association to take charge of the erection of a headquarters for the association, on its property on Broadway, has approved the plans drawn by Architect Harry Osborne, of Jamaica, for the proposed structure. The building will be of the Spanish Renaissance style of architecture, two stories high, and will cost about \$25,000.

## NORTH CAROLINA

ASHEVILLE.—Plans for the five-story office building to be erected by J. R. Oates on the site of the old Legal Building on Pack Square are completed by architects, and Mr. Oates states that he expects to begin tearing down the old building by March 1. The new building will be 61 x 80 feet, and will be of reinforced concrete.

RALEIGH.—According to reports the House Committee on Agriculture unanimously, by a rising vote, endorsed the bill allowing the Agricultural Department to borrow \$100,000 and erect a fireproof building, containing its great museum, offices and laboratories.

## OHIO

CINCINNATI.—The pastor and people of St. Joseph's parish are said to have commissioned Architect Anthony Rieg to prepare plans for a parochial school, to be of modern construction.

CLEVELAND.—Preliminary sketches for the new Higbee Building to be erected at Euclid Avenue and E. 13th Street, by the Bailey Realty Company, have been completed by Architect Abram Garfield. Although the building is to be only four stories in height, foundation to carry eight stories will be laid. Work on the building will begin March 1.

A 24-suite apartment house, two stories in height, will be built on W. 102d Street by H. G. Oppmann. The building will have a frontage of 300 feet on W. 102d Street, 120 feet on West Madison Avenue and 32 feet on West Boulevard. Plans for the apartment are completed, but bids have not been let.

COLUMBUS.—A site for the new First Methodist Protestant church has been secured at 12th and Indianola Avenues, according to an announcement made recently.

DAYTON.—The Board of Managers of the W. C. A. have selected the firm of Schenck & Williams, architects of this city, to plan and supervise the erection of the proposed W. C. A. building. It is proposed to erect the building of fireproof construction with a frontage of 106 feet on Third Street and 218 feet on Wilkinson.

## OKLAHOMA

OKLAHOMA CITY.—A fourteen-story business building with steel framework and to be erected at an estimated cost of \$400,000, as a combined office building and a home for the new Bankers' Trust Company of Oklahoma, is the latest item of news for Oklahoma City. The new company is now being promoted by J. O. Moore, of St. Louis.

## OREGON

OSWEGO.—About \$300,000 will be expended in buildings by the Dominican Fathers on the west bank of the Willamette River, just above Oswego, within the next two years, it is said. The order intends to make that point the headquarters for clerical students for the entire Pacific Coast. Rev. Father A. L. MacMahon is the head of the order in the West.

## PENNSYLVANIA

ALTOONA.—The members of Jaffa Temple Ancient Order Nobles of the Mystic Shrine have decided to build the home long in contemplation, during the present year. The edifice will be erected on the site purchased at 709-11 Chestnut avenue. The building will be erected at a cost of between \$40,000 and \$50,000, and will be as beautiful as it will be substantial. Fireproof construction will prevail throughout.

DRAYOSBURG.—A \$15,000 brick hotel building will be put up at Kemp and First Streets, Dravosburg, for Samuel Ferdeber, it is reported.

HOLLIDAYSBURG.—Architect Julian Millard, of Altoona, has completed the drawing of the plans for the new church edifice for St. John's Reformed congregation at Hollidaysburg, it is said. The new church edifice will be located on Montgomery Street in the western section of the town.

NANTICOKE.—We understand that Architects Reilly & Schroeder, of Wilkes-Barre, have completed plans for the erection of



a three-story brick hotel at Nanticoke for L. C. Gabriel. The new structure will be located at the corner of Market and West Main Street and will be used as a hotel, floral store room and dance hall.

**PHILADELPHIA.**—Two tracts of land, comprising 116 acres in Springfield Township, have been bought by Broker Samuel W. Levis for H. Frazer Harris, who will erect there a handsome country seat, according to current reports.

According to reports, E. Allen Wilson is planning an amusement hall to be built in 13th Street, south of Tioga, a number of operations to be built in different sections and houses in Hadden Heights and Darby.

Plans for a large apartment house to be called the Whitehall, which is to be built at the southwest corner of Wayne and Chelton Avenues, are being prepared in the office of Ballinger & Perrot, it is said. It will be seven stories high and will measure 87 x 135 feet.

Within a short time the congregation of the North Baptist Church will begin to build a new home on Columbia Avenue, west of 27th Street. Plans for the proposed new church building have been completed by Heacock & Hokanson, architects, although they have not yet been approved.

Horace Groskin has sold a large lot at the north corner of Tioga and Emerald Streets to Harry G. Faulkner. Upon the lot, which measures 667 x 86 feet, the purchaser will erect an operation of modern dwellings.

The Children's Homeopathic Hospital has taken title to the dwelling at 780 Thompson Street, lot 15 x 60 feet, with the adjoining property already acquired, at 778 Thompson Street, will form the site for an additional building, shortly to be erected there.

John Stafford has taken title from the Fidelity Trust Co. to a plot on the Thirty-third Street Boulevard adjoining the Reservoir Mansion at Columbia Avenue. On these lots will be erected four large housekeeping flat houses to cost \$400,000, for which plans have been completed by Architects Sauer & Hahn. Each of the four buildings will measure 45 x 110 feet. The work of erection will be begun in a few weeks.

The Gloucester Ferry Company is said to be having plans prepared for a new ferry house to cost \$40,000, which will replace the present structure, at South street. The new building will be of steel frame and corrugated iron.

**PITTSBURG.**—Architect R. Maurice Trimble has prepared plans and is taking bids for a three-story brick and fireproof structure to be erected at Washington Avenue and Gladstone Street, in the old Sixth Ward, North Side, to cost about \$30,000. It is to be a manual training school.

A home site has been sold through John E. Kane to Dr. Charles A. Stillwagon, it is said. The property comprises 65 x 110 feet on the south side of Center Avenue. On the lot the purchaser will have a brick and plaster residence built at a cost of \$16,000. Plans of the house have been drawn by Billquist & Lee, architects.

**WARREN.**—The Armory of Company I, Sixteenth Regiment, National Guard of Pennsylvania will be built on Hickory street, it is said. The plans for the Warren Armory are now in Harrisburg, where they will be passed on by the State Armory Board. The plans were drawn by Architect Mount, of Corry.

**WEST FAIRVIEW.**—The East Pensboro School District intends to erect a six-room school building. Architects who desire to furnish plans in competition will please see the secretary for particulars. Plans must be submitted to the secretary of the district on or before February 25, 1909. Franklin Martin, secretary.

**YORK.**—Plans are being prepared by Architect J. A. Dempwolf for the erection of four buildings on the southeast corner of Market Street and Richland Avenue, for St. Rose of Lima Catholic congregation. The structures will consist of a church building, parochial school building and hall, a sisters' home and rectory. They will be of early Gothic design. Three of the buildings, it is proposed, will face on Market Street.

#### RHODE ISLAND

**NEWPORT.**—A gift of \$125,000 to the city of Newport for the erection and maintenance of a home for aged men, provided by the will of William H. Anderson, who died in 1897, has now become available, according to an announcement made by the trustees of the Anderson estate to Mayor Boyle.

#### TENNESSEE

**KNOXVILLE.**—Plans are now being drawn for an addition to the Colonial Hotel, which, it is said, will be built during the coming spring. C. B. Atkin is owner of the building.

At a meeting of the board of directors of the Lyceum and Art Museum, a committee composed of Mesdames Chas. T. Cates, Jr., chairman; George F. Mellen and W. S. Nash, and Miss Kate White, was appointed to formulate plans for the improvement of the present building and for an annex to be added.

#### TEXAS

**AUSTIN.**—At the convention at the Swedish Methodist Church, in which almost 200 pastors and laymen participated, it was decided after thorough discussion to build the Swedish Methodist College in this city. The work on the new college is to commence at once, and the cost of the entire work will approximate \$80,000.

**COMANCHE.**—The Masons of Comanche, consisting of the chapter and blue lodges, have decided to build a Masonic temple upon their lot at the southeast corner of the square. Plans and specifications for the temple, which will be a three-story structure of pressed brick, with stone trimmings, are now being prepared by the architects, and work on the building will begin within less than sixty days.

**DALLAS.**—It is said that a residence for Edgar L. Flippen is to be erected here after plans by C. D. Hill & Co. The building to be an exact replica of Washington's old Mount Vernon home, but will be fitted with modern comforts.

**DENISON.**—Mr. Freeman, secretary of the Young Men's Christian Association, has stated that he expects that work on the new building, to be erected, will begin in early spring. If the present plans are carried out the structure will cost \$30,000.

**MARLIN.**—The congregation of the Methodist Church at this point, Rev. I. F. Betts, pastor, is said to be contemplating the erection of a new edifice to cost approximately \$30,000.

**MINERAL WELLS.**—Plans have been completed, it is said, for a \$30,000 church to be erected by the Baptist people of this city, located on the corner of South Pecan and Hubbard streets.

Plans have been completed for a \$75,000 pavilion by the owners of the Carlsbad Wells of this city, and the building is to be of brick and is to be located on the corner of Wichita and Watt streets.

**SAN ANTONIO.**—Mrs. A. E. L. Wickes-Neace, owner of the present building at Crockett Street and Alamo Plaza, has announced that the old building will be razed and architects employed to plan the new structure. The new theatre will occupy a site extending from Alamo Plaza to Losova Street and will be the largest building in the State.

**WICHITA FALLS.**—According to reports, the Methodist Episcopal Church, South, has purchased a site and will build a new \$35,000 church.

#### VIRGINIA

**NORFOLK.**—At a meeting of the directors of the Norfolk National Bank it was decided to tear down the present building in Main Street and erect on the site a handsome building, modern in every detail, the cost of which will be about \$75,000. It is said that Ferguson and Carlow, architects, have been employed to draw up plans for the building.

#### WASHINGTON

**TACOMA.**—Active steps are being taken, we understand, by the members of the Tacoma Yacht Club looking toward the erection of permanent club quarters.

#### WISCONSIN

**LA CROSSE.**—Architects Schick and Roth have prepared plans for a parsonage to be erected for the congregation of the Reformed German Church.

**MILWAUKEE.**—Property, 60 x 120 feet in size at the corner of Broadway and Detroit Streets, has been purchased by C. H. Kalvelage, who contemplates the erection of a commission house.

Architect N. J. Dornbach is reported to have prepared plans for a flat building to go up on Harmon Street, near Idaho Street, for Anton Caldeux.

## CURRENT NEWS

### RUSSELL STURGIS DEAD

Russell Sturgis, architect, and author of many well-known books on architectural subjects, died at his home in New York City, on February 11, at the age of seventy-two years.

Mr. Sturgis, a native of Maryland, at an early age moved to New York, where in 1856 he was graduated from the College of the City of New York, after which he studied architecture at Munich.

Mr. Sturgis' best known works are the buildings erected by him at Yale University, together with many office buildings and residences in New York City and throughout the country.

During the last years of his life Mr. Sturgis' activities were confined to his literary work, and his books and monographs form important additions to the literature of architecture.

### IMPROVING THE ARC LAMPS

A patent recently issued to Willis R. Whitney describes a means for improving the operation and increasing the efficiency of arc lamps by improving the quality of the electrodes employed. The claims cover an arc light electrode formed out of a pure metal having a melting point materially higher than that of iron and yielding a luminous or flaming arc, the metal having a good electrical conductivity and melting at a temperature exceeding 2,000 deg. Cent. The metal may be either titanium, molybdenum, tungsten, chromium, thorium, or uranium. It is stated that electrodes formed from these materials are very slowly consumed in the normal operation of the lamp, and give a luminous or flaming arc, which furnishes a very intense light of an excellent color. Such electrodes may be employed as negative electrodes in connection with non-condensing positive electrodes.—*Exch.*

### ENLARGING METROPOLITAN MUSEUM

Sir Caspar Purdon Clarke, director of the Metropolitan Museum of Art, New York, speaking at the annual luncheon of the New York branch of the Vassar College Alumnae Association, at Delmonico's, told of plans that are being slowly worked out to enlarge the museum to six times its present size. The institution, when these plans are fulfilled, will occupy twenty-six acres of ground in Central Park.

### BALTIMORE'S ART GALLERY

With the opening of the splendid Walters art gallery to the public Baltimore will have for its own one of the finest collections of art objects in the world.

The new white marble building at the corner of Charles and Center Street contains not only the famous Massarenti collection of old masters and ceramics, purchased in 1902 for nearly \$1,000,000, but also the works of art previously owned by Mr. Walters and those since added to his collections.

Henry Walters, the art collector, whose generosity has given Baltimoreans the new gallery, is one of the city's best known philanthropists.

### SOCIETIES

The architects of Indianapolis, Ind., have organized under the name of Architects' Association of Indianapolis, with a large charter membership. The new society has started out in a most promising way—the profession has taken a live interest in the organization.

The officers of the Association are: President, Arthur Bohn; Vice-President, Clarence Martindale; Secretary and Treasurer, Henry Dupont; Directors, Wilson B. Parker, Anton Scherrer.

At the last meeting of the Association, Mr. Henry W. Fox, director of the John Herron Art Institute, was elected an honorary member in recognition of his well directed services in stimulating the public interest in art in the city of Indianapolis.

### PORTLAND (ORE.) ARCHITECTURAL CLUB

March 22 to April 20 is the period settled on by the Portland Architectural Club for its annual exhibit of drawings and photographs in Portland. The place selected for the exhibit is the same as last year—the Museum of Art, at Fifth and Taylor Streets.

### NEW JERSEY CHAPTER A. I. A.

The New Jersey Chapter of the American Institute of Architects will hold a second exhibition of architectural drawings at the Free Public Library during the last two weeks of March. All the members are interested and those on the various committees are working energetically to make the affair a success. The previous exhibition was held at the Library in 1903.

### PERSONAL

Messrs. Stebbins & Watkins, architects, advise us that they have recently opened an office at No. 42 Chauncey street, Boston, Mass., and that they desire to receive catalogues from manufacturers and dealers.

Messrs. Ludlow & Peabody announce their removal to new offices at No. 12 W. Thirty-first Street, New York. Mr. W. O. Ludlow was formerly of the firm of Ludlow & Valentine, which has now been dissolved.

Messrs. Jensen & Abbott, architects, of Pittsburg, Pa., have moved to the Renslaw Building, Liberty Avenue and Ninth Street.

Mr. Charles A. Gunn, architect, has moved to 205 Dithridge Street (Bellfield Dwellings), Pittsburg, Pa.

## INDUSTRIAL

### WATER SUPPLY SYSTEMS

The National Steel Tank Co., of Pekin, Ill., are manufacturers of water supply systems, for which many advantages are claimed.

These systems range in size and efficiency from the moderate size, sufficient for the small dwelling to a larger one capable of affording ample fire protection to villages and public buildings.

The National Steel Tank Co. invite correspondence from prospective builders, and will furnish full information as to their product on request.

### STEEL LATH

The new truss loop steel lath, made by the Bostwick Steel Lath Co., of Niles, Ohio, is furnished either plain, painted or galvanized, and the manufacturers claim that this form of lath is not only a most economical one, but that it has the added recommendations of rigidity, strength, and secures a perfect key for the material applied.

It can be applied to either exterior or interior work. In backing up tile walls its economy is apparent as the walls can be scratch coated and prepared to receive the tile in an expeditious manner.

The Bostwick Steel Lath Co., issue some interesting leaflets, which together with a sample of the lath may be had on application.

### AIR COMPRESSORS

With each succeeding year the uses to which compressed air may be advantageously and economically employed become extended.

The building of machinery for supplying compressed air in sufficient quantities and under constant pressure has engaged the inventive and mechanical skill of manufacturers for years.

A comprehensive idea of the high state of efficiency attained by modern apparatus may be gained from a perusal of an illustrated catalogue issued by the National Brake and Electric Company of Milwaukee, Wis., with sales offices in principal American cities, as well as in London, England. This publication, known as No. 386, shows the various types of compressors made by this company and clearly sets forth the merits claimed.

### ASBESTOS INSULATION

A glance through a pamphlet recently issued by the H. W. Johns-Manville Co., of New York, leaves the impression that there can be no form of pipe or boiler, or any conduit through which steam or hot air or water can pass, that cannot be thoroughly insulated by the various forms of asbestos insulation made and sold by this company.

This pamphlet is a handbook on insulation and can be had for the asking.

### CONVENTION OF CEMENT TILE MANUFACTURERS' ASSOCIATION

The Interstate Cement Tile Manufacturers' Association will hold its third annual convention in the Armory at Minneapolis, Minn., on March 2, 1909.

The membership of this association is located in eight

States and represents an invested capital of more than one million dollars.

### MONOLITH STEEL BARS

The present day catalogues issued by makers of cement and cement reinforcement present an amount of technical matter pertinent to the subject that is valuable to the architect and engineer. This matter is ordinarily reliable, because it is based on tests and actual practice, and presents in a terse and readily accessible way information that the practical worker could only secure as the result of much research and reading, for which he has not always the time.

An example of this class of catalogue is that published by the Monolith Steel Co., Colorado Building, Washington, D. C. Of more than fifty pages, 6 x 9 inches, it not only shows by well executed halftones the many forms to which this bar is applicable, but there is also much valuable information as to reinforcing methods, formulas for use in designing reinforced columns, unhooped columns, double reinforcement, and many calculations of stress and load of much technical value.

## CATALOGUES RECEIVED

### SWARTMONT GRAVITY CLOSING VENTILATORS

The Ohio Blower Co., Cleveland, O., are the makers of these positive and tight-closing ventilators, the merits of which are set forth in an illustrated leaflet.

### SPENCER HEATER CO., SCRANTON, PA.

Have recently issued their trade catalogue 1A and regular catalogue No. 6. These are illustrated descriptions of the Spencer Heaters for either steam or hot water. A most interesting feature is the modern device which is intended to burn the cheaper variety of coal, with a minimum amount of attention, two important factors to the user. These pamphlets may be had on application.

### THERMOGRADE VALVE CO., BOSTON, MASS.

Have published a pamphlet showing a semi-automatic method of heat regulation, by which it is claimed is secured the most advantageous utilization of live and exhaust steam at low pressure. This valve has been adopted by many large railway companies, to equip stations, by hospitals, public libraries and other important buildings, and the manufacturers claim it is doing its work in an economical and efficient manner. The Thermograde Valve Co. will forward pamphlets giving full information on request.

### THE 1908 EDITION OF MERCHANT & EVANS CO., "Red Book"

This old-established house has issued in this "Red Book" a most complete catalogue for general use, of everything into which either raw or manufactured metals enter. Of particular interest is the complete set of rules of the "Master Sheet Metal Worker," as to how tin roofing should be properly laid, a valuable feature to everyone engaged in the proper and efficient laying of roofs.



# BUILDING NEWS

## ALABAMA

**BIRMINGHAM.**—It is understood that the Coosa Manufacturing Company, of Piedmont, has purchased some land and will erect a new mill. The erection of such a factory would cost between \$400,000 and \$500,000.

## ARIZONA

**PHOENIX.**—The Trustees of the National Bank of Arizona, at the corner of Washington and Center Streets, will erect a modern bank building. The cost will be at least \$60,000.

Property at the northeast corner of Center and Adams Streets has been purchased by Dr. R. W. Craig, according to reports. Dr. Craig has said that he would probably erect some sort of a business building on the property.

**TUCSON.**—According to current reports, the local Aerie of Eagles is contemplating the erection of a home and theater on North Stone Avenue, next to the site occupied by the post office. The building will probably occupy a plot of ground 100 x 175 feet, and will be so constructed as to seat 1,500 people.

## CALIFORNIA

**AUBURN.**—According to current reports in the local press, the question of issuing \$50,000 in bonds to be used for school purposes is to be considered at this point.

**PACIFIC GROVE.**—A project under discussion by members of the Pacific Grove Museum Association and the Woman's Civic Club is the erection of a \$20,000 auditorium on the site now occupied by the small museum building, which faces the park on Grove Street.

**SAN FRANCISCO.**—A. J. Rich & Co. have bought for Alexander Heynemann a residence lot on the east side of Buchanan Street, between Pacific Avenue and Jackson Street. The purchaser will, it is said, build immediately a handsome home upon the land.

C. E. Knickerbocker has sold his lot on the north line of Ellis Street, 177 feet east of Leavenworth, on which the purchaser intends to erect a six-story apartment house of thirty apartment suites. The agent who conducted the negotiations for the seller is W. D. Brown.

R. T. Sheridan, of Cook County, Ore., has bought, through R. S. Browne & Company, the large lot situated at the southeast corner of O'Farrell and Jones Streets. According to reports in the local press, the new owner will erect a four-story and basement brick building upon the lot immediately, the building to cover the entire lot.

After a competition in which several architects were entered, it is said, the building committee of the Bohemian Club has accepted the plans of Loring P. Rixford, architect, for the new clubhouse which is to be erected at the northeast corner of Taylor and Post Streets. The exterior design contemplates a Romanesque effect.

**SAN LEANDRO.**—Plans for the proposed new school building for this district have been received by the School Trustees and a bond issue of at least \$20,000 is to be made. The plans intend a 14-room structure built of brick and concrete. It is to be of two stories, fronting 190 feet with a depth of 80 feet.

**VALLEJO.**—According to current reports in the local press, the Board of Education at this point is discussing the advisability of erecting a new high school to meet present requirements.

## CONNECTICUT

**EAST HARTFORD.**—According to current reports, this place is to have a new Masonic building, probably as early as the coming spring. It is to be built by Orient Lodge, No. 68, F. & A. M., and will be on Connecticut Boulevard.

**SOUTHPORT.**—It is said that Architect Ernest G. Southey, of Bridgeport, is drawing plans for a mortuary chapel to be erected in Southport for the Oaklawn Cemetery Association.

**WATERBURY.**—Architects Griggs & Hunt have plans out for figures for a new factory building to be erected on Mill and Liberty Streets for the American Mills Co. It will be of brick, mill construction, 64 x 191 feet, two stories and basement.

Architects Freney & Jackson have completed plans for a new

apartment block to be erected on Baldwin Street for Miss Anna A. Healey. It will be a four-story brick building, 55 x 65 feet, and will contain eight apartments of five rooms each.

## DISTRICT OF COLUMBIA

**WASHINGTON.**—John S. Warren will erect a house of 24 apartments on property located on M Street, between 17th Street and Connecticut Avenue, it is stated.

Property located on Florida Avenue, just north of Massachusetts Avenue, is to be improved with an apartment house in keeping with the general style of building in the vicinity. A. F. Fox Company consummated the deal.

## ILLINOIS

**AURORA.**—Rev. Leon Linden, of Aurora, is said to be interested in a project to establish a German Catholic church in the southeast part of Aurora.

**CHICAGO.**—The Railway Terminal & Warehouse Company is said to be considering the expending of \$600,000 in the erection of a warehouse at the northwest corner of Indiana and Kingsbury Streets, to handle the oriental business of the Milwaukee & St. Paul road. James Pugh is president of the company.

Land fronting north on the Lake Shore Drive east of Lincoln Park Boulevard has been acquired by the Potter Palmer estate, which is said to be planning the construction of an ultra high grade apartment building. Architects Marshall & Fox are said to be drawing the plans for the proposed building.

## INDIANA

**Mt. VERNON.**—Architect Clifford Shopbell, of Evansville, is said to have been commissioned to prepare the plans for the re-modeling of the old Rosenbaum homestead, purchased by the Elks for a home.

## IOWA

**DAVENPORT.**—We learn from current reports that an expenditure of \$100,000 has been authorized by the Board of Directors of the Standard Table Oil Cloth Company, for the erection of a big addition to its plant in the west end of the city.

## KENTUCKY

**LEXINGTON.**—Report has it that the Lexington and Interurban Railway Company intends erecting at an early date a Union Station for all the traction lines running into this city.

It is said that at a meeting of the members of the Fayette Gun Club recently in the County Court room the plans submitted by Prof. F. Paul Anderson, of State University, for the new club house to be located on the grounds of the club on the Leestown Pike were accepted.

Architects Richards, McCarty and Bulford, of Columbus, Ohio, are said to have been commissioned to prepare plans for the proposed Phoenix Hotel to be located here. John McClintock is president.

**LOUISVILLE.**—Property at Broadway and Barret Avenue is to be purchased, according to current reports in the local press, as a site for a proposed new school building for the First Ward.

A new and modern distillery plant will soon arise from the ashes of the Bernheim plant, destroyed by fire recently, according to a statement to that effect made by B. Bernheim, vice-president of the Bernheim Distilling Company. Estimated expenditure, \$75,000.

The old Lewis homestead at 714 Fourth Avenue will shortly disappear to make room for five new one-story buildings, to be used for store purposes. This announcement has been made by John H. Brand, who represents the heirs of the Lewis estate, and who has been commissioned by his clients to begin work on the new structures March 15. A sum of \$10,000 probably will be invested in each building, aggregating a total of \$50,000 or more.

More than \$100,000 is to be expended by the Country Club in improving the property on the River Road. Plans are now being prepared for a handsome new clubhouse, summer houses, bowling alleys, tennis court and golf links, and the work of

construction will begin as soon as the plans are approved by the Board of Governors.

### LOUISIANA

BIENVILLE.—Superintendent E. S. Richardson is advertising for bids, it is said, on the new school building to be erected at Bienville. A \$20,000 house will be built, fitted with all modern appliances.

NEW ORLEANS.—The Whitney-Central Bank and office building will be erected on the square bounded by Camp, St. Charles, Gravier and Common. The building is to be of steel skeleton frame, with reinforced concrete floors, fireproof walls and all steel work protected with fireproofing. The architects are Messrs. Clinton & Russell, of New York City, and Emile Weil, of New Orleans, who received the award over eleven competitors, and the plans will be ready for bidders within ten days.

MOREAUVILLE.—A new brick church, with a seating capacity of 600, will be built at Moreauville, La. It is said that information and plans may be had from Rev. Rector, of Moreauville, Avoyelles Parish, La.

### MARYLAND

BALTIMORE.—The large vacant lot at 1917 and 1919 North Charles Street has been leased by Mr. Dixon C. Walker, and a large and modern garage will be erected there. Though the plans have not been completed, it is understood the structure will be three stories high with a basement.

A new garage is to be built on the property at the southwest corner of North Avenue and Lovegrove Alley, owned by Geo. Eisenhauer. The structure, which is to be designed by Architect C. Montgomery Anderson, will be suggestive of the old English inns. It will be two stories high, with a basement, and will cover the entire lot, which is 39 x 175 feet. Plans for the structure are now being prepared, and contracts will shortly be awarded.

George C. Wilson, of Tyrone, Pa., has purchased the vacant lot at 14 North Gay Street, through Herman Isaac, real estate broker. This lot, together with the one recently purchased, will give Mr. Wilson a total frontage of 43 feet. It is understood that the purchaser will soon erect a moving picture and vaudeville theatre upon the site.

The Gardiner Dairy Company is contemplating improvements at a cost of about \$150,000. Besides rebuilding its present quarters into a reinforced concrete structure, the company will construct a large ice cream factory in the rear.

According to reports, Rice Bros. Company will build an extensive addition to its bakery plant on North Gay Street. The new building will be three stories high and will face on Mechanics Court.

The Fleischman Company, of Ohio, has purchased 417, 419, 421 and 423 East Monument Street. The lot is about 70 x 100 feet, and is now occupied by four brick dwellings, which the company proposes to raze and erect additional facilities for its large plant adjoining. Negotiations were conducted through King & Behn and J. Harry West, representing the purchaser.

### MASSACHUSETTS

HOLYOKE.—A large apartment block is to be built by John A. Oberlander at the corner of Elm and Hampshire Streets. The lot is 75 x 130 feet. According to reports, Mr. Oberlander has engaged Architect Oscar Beauchemin to draw the plans.

PITTSFIELD.—Architect J. McA. Vance is said to have prepared plans for extensive alterations to be made to the Wendell Hotel, at the corner of South and West Streets. Samuel W. Bowerman is president of the corporation which has the matter in charge.

WRENTHAM.—The Trustees of the Wrentham State School will receive bids for the erection of a wooden dormitory building, according to plans by Architects Kendall, Taylor & Company, 93 Federal Street, Boston, Mass. Bids will be received until March 1.

### MINNESOTA

DULUTH.—It is said that G. G. Hartley, who owns the corner of Third Avenue and Superior Street, will erect a modern building to house the News Tribune.

Austin Terryberry, architect, is preparing plans for three houses to be built in a row on the south side of Superior

Street, between Sixteenth and Seventeenth Avenues, east.

ST. PAUL.—Plans are drawn for adding two stories to the six-story building which houses the Soo line general offices in Minneapolis, preparatory to the consolidation pending between that line and the Wisconsin Central. The addition of two stories is expected to cost about \$60,000.

VIRGINIA.—Edward Finch, owner of lots at the corner of Chestnut Street and Wyoming Avenue, is having plans drawn for a business block by W. R. Parsons, of Minneapolis. The building will be two stories and basement, 50 x 150 feet.

### MISSOURI

KANSAS CITY.—A three-story apartment house is to be built at 3411 Broadway this spring by R. B. Kirwan. The apartment house will have vitrified brick walls with trimmings of Carthage stone. The cost will be approximately \$22,000. Edgar P. Madorie is the architect.

### NEBRASKA

OMAHA.—Martin Beck, of Chicago, general manager of the Orpheum circuit, has secured an option on the Creighton Theater. In the event Mr. Beck takes the theater, he expects to spend some \$25,000 remodeling and redecorating it.

### NEW JERSEY

EAST ORANGE.—J. B. & M. A. Haliday contemplate the construction of an apartment house fronting on South Arlington Avenue, on property acquired some time ago. It is said that they have had plans drawn for the construction of a four-story building, to be erected in Main Street, near South Arlington Avenue, which will cost \$36,000.

NEWARK.—In consequence of information secured during a recent investigation it has been decided to secure a fund of \$350,000, instead of \$200,000 as originally planned, for the proposed new home of the Young Women's Christian Association. The structure will go up on the site of the old Howell homestead, Broad Street, near Fulton.

Plans are under way, it is said, for a 10-story office building of up-to-date type for J. Wiss & Sons, to be erected at 671, 673 and 675 Broad Street, to cost about \$185,000.

According to reports, the officials of the Third Presbyterian Church contemplate erecting a modern apartment house at a possible cost of \$500,000. The building is to be situated at the corner of William and Halsey Streets.

S. Scheuer & Sons, wholesale and retail grocers, of Newark, are to erect, it is said, a 12 or 13-story office structure at 726 Broad Street.

PERTH AMBOY.—A large, new market building will be erected on Smith Street. The plans are being rapidly completed and will be placed in the hands of contractors for estimates in a few days. John Noble Pierson & Son have been selected as the architects.

SEA BRIGHT.—Architects Watson & Huckel, of Philadelphia, are preparing plans for a 300-room hotel at Sea Bright and for a cottage at Spring Lake, N. J., for Miss Mary H. Wright.

STONE HARBOR.—Architect Henry L. Reinhold, Jr., of Philadelphia, is preparing plans for a pumping station at Stone Harbor, N. J., for the South Jersey Realty Company, it is said.

TRENTON.—Architect Henry J. Blauvelt, of Philadelphia, has been commissioned, we understand, to prepare plans for a 10-story office building, 51 x 155 feet, at Trenton, for the American Mechanic Building Association.

### NEW YORK

BUFFALO.—Sinclair, Rooney & Co., wholesale milliners, have bought the property at the southeast corner of Washington and Mohawk Streets and, after razing the building, it is said, will erect a modern structure of brick and steel to cost about \$125,000.

The American Radiator Company, Pierce Plant, at Elmwood Avenue and the Belt Line, intends at once to erect a large addition to its buildings. The extension will be a warehouse of iron and concrete construction, 200 feet square, with a wing 99 x 115 feet. The new building will adjoin the present main works on the east side of Elmwood Avenue.

CUTCHOGUE.—The Polish population at this point is said to have under consideration the erection of a temple, on property

recently purchased, the Rev. Father Muscynski, of Riverhead, is interested.

**NEW YORK.**—The First German Presbyterian Church will soon have a new edifice, to be erected on Prospect Avenue near Metropolitan Avenue. It will be 50 feet front and 138 feet deep. The front will be built of Indiana limestone on the modern French Renaissance style of architecture. The architects, Davis & Otto, 130 Fulton Street, Manhattan, estimate the cost of the structure at \$50,000.

The Woodstock Exchange has sold the plot, 50 x 100, at the northwest corner of 167th Street and Prospect Avenue, to Isaac Brown, for improvement with two five-story apartment houses.

Architect L. A. Goldstone has completed plans for a six-story elevator apartment house to be erected on the south side of 111th Street, 341 feet west of Amsterdam Avenue, for the Highwood Realty & Construction Company. The building is estimated to cost \$165,000.

Architect F. C. Zobel has plans for a twelve-story fireproof commercial building for the Twenty-fifth Street Construction Company, to be erected at Nos. 151-155 West Twenty-fifth Street. It is to be of brick, finished in limestone, 59 x 90, with an extension. Estimated cost, \$300,000.

John Brady will build an eight-story factory at Nos. 518 to 534 West Twenty-sixth Street, to cost approximately \$300,000. It will be 225 x 85. William Higginson, architect, prepared the plans.

Joseph Solomon has sold Nos. 22-24 West 27th Street, 50 x 98, with two old four-story dwellings. The buyer, it is reported, will build a 12-story mercantile structure on the site.

The Mitow Realty Company has bought the 80 x 100 plot on the west side of Broadway, 221 feet north of 122d Street, as the site for six-story elevator flats, it is said.

Plans have been drawn for a six-story apartment house, with 30 suites of apartments and elevator service, to be erected for the Floutte Construction Company on Washington Heights at 143d Street, just west of Broadway, by Neville & Bagge, architects. Estimated cost, \$85,000.

Meteor Realty Company will build twelve-story lofts and stores at Nos. 40 and 42 West Seventeenth Street, 50 x 82. The buildings are to be of brick, finished with limestone. The cost is estimated at \$200,000 by Architects Schwartz & Gross, who prepared the plans.

M. Cohn & Co. have sold 155 x 99 on the north side of 163d Street, between Broadway and St. Nicholas Avenue, to Middletown Realty Company, which will erect two six-story apartment houses, it is said.

Dean Realty Company will build a nine-story garage on the east side of Broadway, 66 feet south of Fifty-seventh Street, on an "L" plot through to Fifty-seventh Street. It has been leased to the Peerless Motor Car Company. The cost is estimated at \$130,000 by Architect F. H. Kimball, who prepared the plans.

The North Side Board of Trade will build its new home at 138th Street and Third Avenue. At a recent meeting the necessary \$78,000 in cash was subscribed, and a resolution was adopted to purchase the plot at the south end of the 138th Street Plaza, 40 x 179 x 175 x 80. It is to cost \$165,000.

A. L. Mordecai & Son have sold 75 feet on the south side of 157th Street, 200 feet east of Broadway, to James C. Picken, who will, we understand, improve it with six-story elevator apartments.

Realty Transfer Company will build two six-story flat houses, 39 x 87 feet, each, on the north side of 124th Street, 270 feet east of Second Avenue. Plans drawn by Architect C. B. Meyers, who places the cost at \$80,000.

Property on Fox Street, west side, north of 163d Street, is to be improved with six five-story flat houses, 40 x 89 feet, each. Bates & Oesting, Jr., Company are the owners. H. T. Howell, architect, estimates the cost at \$180,000.

Plans are being prepared for an eight-story apartment house to be located at the corner of Keap Street and Bedford Avenue. The matter is being pushed by a syndicate of Eastern District residents, James B. Fisher, being at its head. Helmle & Huberty, of Montague Street, Brooklyn, are the architects who have received the contract to draft the plans.

**RIVERHEAD, L. I.**—The Riverhead Bank has decided to purchase two buildings and their sites on Main Street, and in

the course of a few years erect a new and modern banking building on the sites of the two old structures.

**ROCHESTER.**—We understand that an addition is being planned for the Hahnemann Hospital at this point. The committee in charge consists of W. H. H. Rogers, chairman; Arthur E. Sutherland, H. B. Graves and C. L. Griffith. It is proposed to begin work on the building early in April.

## OHIO

**CINCINNATI.**—According to reports in the local press, William H. Pugh has purchased a 50-foot lot at Smith Road and Melrose Avenue for the purpose of improving same in the near future.

**CLEVELAND.**—Goakes & Dettelback recently purchased the old four-story residence on Walnut Avenue, just east of East Ninth Street. It has a frontage of about 90 feet and a depth of nearly 200 feet. According to reports, a modern structure is to be erected on the site.

The new center at East Ninth Street and Huron Road is to have a new building erected this spring. The Herrick estate leased to John Anisfield, of the John Anisfield Cloak Company, West Ninth Street, the entire northeast corner. Mr. Anisfield is said to have instructed Knox & Elliott, architects, in the Rockefeller Building, to prepare plans for a new building to occupy the site.

A new seven-story office structure, to be known as the Universe Building, is to be erected on Huron Road this year, it is reported. Plans for the building have been prepared by D. Mason Hosford, an engineer with offices at 613 Caxton Building.

The bids for the construction of the new south public library at Scranton Road and Clark Avenue have been rejected by the building committee of the Public Library Board, and Whitefield & King, architects, 160 Fifth Avenue, New York, will be asked to remodel the plans, and new bids will be advertised for.

**COLUMBUS.**—The Grace Lutheran Church, having purchased two lots on Oakwood Avenue near Mound Street, will erect a \$20,000 building on the site very shortly, it is said. The following building committee was appointed: J. M. Snyder, chairman; J. L. Traverger, N. J. Stimmel, J. M. Reuter and John Kohl.

Property at Goodale and Parks Streets is said to be under consideration as a site for the proposed "Machinery Hall," proposed by Secretary J. Y. Bassell, of the Columbus Board of Trade.

**DAYTON.**—It is currently reported that the Dayton Motor Car Company is planning the erection of a large and extensive addition to its plant on Bainbridge Street.

**SPRINGFIELD.**—It is reported that the congregation of the High Street Christian church will begin preparations at once for the erection of a \$20,000 edifice.

**TOLEDO.**—From reports in the local press we learn that plans are being prepared by Architect Tschumy for a hostelry, which will contain 100 rooms and be located near the Union Depot.

## OKLAHOMA

**EL RENO.**—From reports in the local press we learn that the matter of erecting a convention hall is being brought to the attention of the Commercial Club at this point.

**WEATHERFORD.**—The Normal School regents have adopted the plans of Architect Charles Subhoelter, of Muskogee, we understand, for the new main hall of the Southwestern Normal School at Weatherford. The building will cost practically \$100,000.

## OREGON

**PORTLAND.**—We understand that a seven-story annex is planned to the Hotel Oregon at Seventh and Stark Streets. Estimated expenditure \$60,000.

Plans and specifications for alterations in the interior arrangements and seating capacity of the Orpheum Theater are being prepared by the local architect, and will be submitted for the approval of Messrs. Sullivan & Considine within the next month or so. The plans call for changes that will cost in the neighborhood of \$35,000.

## PENNSYLVANIA

**BERWYN.**—Architect D. K. Boyd, of Philadelphia, according to reports in the local press, has finished plans for a house to be built at Berwyn for R. S. McNamee.



**BLUE RIDGE SUMMIT.**—We understand that Mack & Kountz, architects, Aughumbaugh building, Hagerstown, Md., have completed plans for a 12-room cottage to be erected at Blue Ridge Summit for H. A. McComas.

**HARRISBURG.**—It is said that the Harrisburg Park Golf Club at its meeting in the offices of the Harrisburg Park Commission recently, took steps for the erection of a new clubhouse on the outskirts of Reservoir Park, where links are now maintained by the city.

The Board of Trustees of the Harrisburg Public Library are said to be considering the plan of a new building to be erected at the corner of Front and Locust Streets. The plan was prepared by T. H. Hamilton, architect.

**PHILADELPHIA.**—Negotiations have been practically completed for the sale of the Colonnade Hotel, at the southwest corner of 15th and Chestnut Streets, to a company, headed by a well-known hotel man, which will remove the old building and erect on the site a 20-story hotel to cost about \$1,000,000. Negotiations for the deal have been carried on by Joseph J. Greenberg, a member of the firm of Kahn & Greenberg.

A commission for planning a new banking house for the Kensington Trust Company, at Kensington and Allegheny Avenues, has been given to Architects Heacock & Hokanson, who won it in competition. The building will be a one-story structure, with a mezzanine floor, and will cost about \$25,000.

The brownstone mansion at No. 1410 North Broad Street has been purchased by Mary S. Geiger, who, it is reported, will erect there a large flat or apartment building, at a cost of \$100,000.

Plans for a large moving picture theater, to measure 48 x 200 feet and containing a seating capacity of over 1,000, have been completed by Architects Stearns & Castor, it is said.

**PITTSBURG.**—The Board of Trustees of the Protestant Orphan Asylum of Pittsburg and Allegheny has purchased property at Ridge and Grant Avenues, Northside, as a site for new hospital structures, it is said.

J. Walton Cook, of the firm of Cook & McClintock, has bought a 100-foot frontage on Darlington Road near Schemley Park. On the lot Mr. Cook will have a \$20,000 residence built for his own occupancy. Plans of the dwelling are being prepared by Architects Jannsen & Abbott.

Mrs. Maude M. Houle, of Spokane, Wash., is going to have a \$60,000 apartment house built on Homewood Avenue, near Penn Avenue. The matter is in charge of her attorney here, J. W. Prescott, under whose direction plans of the structure are being drawn by Architect H. D. Gilchrist.

**WILLIAMSPORT.**—While the plans for the new building of the Scottish Rite branch of the Masons, which is to be erected on their lot lately acquired on Market Street, immediately south of the Masonic Temple, have not been completed or fully decided upon, it is likely that building operations will be commenced in the early spring. The plans are now being worked upon by Architect Reitmeyer, it is said.

**WOODVILLE.**—County Controller John A. Fairman and the County Commissioners have decided to issue \$400,000 bonds for the erection of new buildings at the county home, Woodville. Andrew McMaster, Pittsburg, was selected as architect to design the structure, consisting of an administration building, residence for the superintendent, and two wards for male patients. The structures of cottage design will occupy 345 x 150 feet. They will be built of brick and stone. The contract for the foundations will probably be let within two weeks.

**YORK.**—A. M. Hake & Company, operative builders of this city, have prepared plans for the erection of 67 modern dwelling houses in this city. The structures will be located on West King Street, Dewey Avenue, East Philadelphia Street and Tremont Street.

#### RHODE ISLAND

**PROVIDENCE.**—E. A. Corbett, Jr., superintendent of the Sunday Breakfast Mission, is planning to start a fund for the erection of a \$20,000 building in which to house the mission, it is said.

#### SOUTH CAROLINA

**FAIRFAX.**—Architects Pracher & Holman, of Augusta, Ga., are said to have prepared plans for a store and office building to be erected at Fairfax, for Jno. T. Compton, at an estimated expenditure of \$15,000.

#### SOUTH DAKOTA

**ABERDEEN.**—At a business meeting of the congregation of the Scandinavian Lutheran Church it was decided to erect a new parsonage in the spring on the site of the present one.

**BRENTFORD.**—Notice has been given that sealed bids for the erection and completion of a school house upon the school grounds in the town of Brentford will be received by the clerk of Brentford Independent School District No. 35 up to the 19th day of March. The plans and specifications of said school house may be examined at the office of the clerk of said school district or at the office of Geo. Issenhuth, architect, Huron, S. D.

**HURON.**—Sealed proposals for the erection of a Masonic Temple at this point will be received until March 15 by S. H. Plummer at the office of Trevitt, Mattis & Abell.

**TYNDALL.**—Sealed proposals for the construction of a bank building for the First National Bank of Tyndall, according to plans and specifications now on file with them, will be received up to March 12.

#### TEXAS

**BROWNWOOD.**—President Yantis of the Brownwood National Bank has announced, it is said, that his bank would begin March 1 the erection of a \$60,000 five-story brick building.

**FT. WORTH.**—Preparations for the erection of one of the handsomest church structures in Fort Worth have been launched by the parish of St. Andrew's Episcopal church. The plans have already been drawn up for an edifice on the church lot at the corner of Jackson and Lamar Streets, the building to cost not less than \$65,000.

J. J. and R. L. Parker have purchased eight east-front lots in Hemphill Heights, on which, according to reports, residences will be erected.

**MARLIN.**—Pencil sketches of the plans for the new house of worship to be erected by the Methodists of Marlin have been submitted to the building committee and approved. The plans in pencil were obtained by Dr. Betts in Dallas.

**MASON.**—An election has been ordered to be held March 27 for the issuance of \$40,000 worth of bonds with which to build a new court house for Mason County.

**SNYDER.**—The erection of Snyder's new court house will begin in the near future, it is said. It will cost \$70,000, exclusive of the jail.

**TEMPLE.**—A movement is now afoot to provide this city with a modern hotel building to be located on the corner of Third Street and Avenue A. The property is owned by James Rudd, who is interested in the plan with other prominent citizens of Temple. It is proposed to expend about \$75,000 on the building.

#### VIRGINIA

**RICHMOND.**—According to reports, the Trustees of the American National Bank have purchased property adjoining the bank's present building, for the purpose of improving same with a similar structure.

#### WEST VIRGINIA

**MARTINSBURG.**—After an extended discussion by the members of the Board of Education it was decided to employ Architect J. W. Woltz, of Waynesboro, Pa., to design the new third ward building, as well as the additions to the other buildings, and, it is said, he was instructed to commence work upon the plans immediately.

It is said that the officers and members of the United Brethren Church, whose edifice is located on Pennsylvania Avenue, in North Martinsburg, are about to consummate a deal for a fine new site, upon which they will erect a new structure. The site is located on North Queen Street, near Pennsylvania Avenue.

Property on West Burke Street has been purchased by C. W. Boyer, and, according to reports, he will improve same into an office building for the "Statesman-Democrat."

#### WISCONSIN

**MILWAUKEE.**—The plant of the H. W. Johns-Manville Company which was recently destroyed by fire is to be rebuilt, we understand.

## CURRENT NEWS

### EXTRACT FROM MINUTES, PHILADELPHIA CHAPTER, A. I. A.

The regular meeting of the Chapter was held Tuesday evening, January 12, 1909, in the rooms of the T Square Club.

The President, Mr. D. Knickerbacker Boyd, in the chair.

There were twenty-three members present.

Motion was adopted that the action of our delegates to Washington in organizing, with the other delegates from Pennsylvania a State Association of Architects, be approved and that the Executive Committee be authorized to continue a membership and representation of the Chapter in such a State Association of Architects, the same to be composed of representatives from the Chapters in Pennsylvania, now, and to be formed.

A special discussion of the aims of the Institute and the results achieved at the recent convention in Washington was had.

At the request of the Chair, Mr. Borie opened this part of the proceedings by speaking in regard to the following subjects, among others: A Code of Ethics, The Institute Finances, Contractors and Specifications, Competitions, Mr. Totten's Report on the International Congress at Vienna, the Report on Affiliated Societies, the advocacy of a Student Membership, a National Bureau of the Fine Arts, Schedule of Charges and Endowment Fund.

The question was brought up of changing the name of the Philadelphia Chapter to the Philadelphia Architectural Society. The discussion was participated in by many present, as to the position of those who were not members of the Institute but were members of the Chapter; and the anomaly of the present situation was forcibly presented but nothing definite resulted.

On motion a resolution was adopted that it is the sense of the Chapter that the Committee on Practice prepare a Code of Ethics to be submitted to the Chapter.

A motion was then adopted that a Special Committee of the Chapter be appointed to consider all phases of the Institute's work as brought out at the Convention and by the discussion of this evening. This committee to draw up resolutions looking to the memorializing of the Board of Directors of the Institute on all these matters, including the provision for one or more Committees of Publicity and Publication in connection with the annual conventions. This Special Committee to first present such resolutions to the Chapter, at the next meeting if possible, with the end in view that all the Chapters of the Institute shall be brought into closer touch one with the other by being asked to consider and act upon similar recommendations.

### THE PUBLIC LIBRARY, WASHINGTON, D. C.

The more progressive city libraries of the country are paying increased attention to engineering and technical subjects in their work with the public. Among those which are especially active in this field is the Public Library of Washington, D. C., as shown by

the Annual Report for 1907-08 just issued. This institution has organized a special department, the Useful Arts Department, to meet the demands of its readers for books on the engineering branches, trades and handicrafts, business and industries in general. Here on open shelves are placed about 6,000 well-selected volumes, purchased very largely within the last three years and many of them expensive. Over 160 periodicals are received, which include nearly all the important American publications and some foreign, such as *The Transactions of the American Societies of Civil and of Mechanical Engineers*, the *American Institute of Electrical Engineers* and the *Illuminating Engineering Society*, *Engineer*, *Engineering*, *Engineering Index*, *Chemical Abstracts*, *Journal of Industrial and Engineering Chemistry* and *Journal of the American Chemical Society*, and *Kunst und Dekoration*. Business, general science, decoration and ornament, marine and municipal engineering, construction, printing, agriculture, are all well represented. On the subject of electricity alone, for example, twelve periodicals are received.

All these periodicals, both current and back numbers, are freely accessible. All but current numbers are issued for home use. Various engineering indexes make their contents accessible.

An important feature of the room is the collection of trade catalogs issued by manufacturers. These catalogs are classified and arranged by subjects on open shelves and are indexed by firms. This feature, according to the report, is much appreciated by patrons of the room. Manufacturers and others in distributing advertising literature would do well to keep this library in mind.

### BOOK NOTES

PICTORIAL COMPOSITION AND THE CRITICAL JUDGMENT OF PICTURES. By Henry R. Poore, A.N.A. 4to; fine cloth; eighty illustrations. Net, \$1.50 (postage 14 cents). New York: Baker & Taylor Co.

Here we have a book written by a man who knows his subject. Mr. Poore's position as an artist, combined with a scholarly and thoughtful temperament, enables him to write with authority on the subject.

The book is valuable not only to the student but to the professional artist as well.

A careful study of the theory and practice of composition is of great benefit to every one engaged in the fine arts, and we believe the architect will find much between the covers of this book to repay him for its perusal.

There are three principal divisions to the work. The initial chapters deal with pictorial composition, followed by others on the æsthetics of composition, and the remainder of the book treats on the critical judgment of pictures.

These last few chapters offer up a wide vista of much interest and naturally assist the reader to appreciate what was perhaps but poorly understood before reading this book.

## INDUSTRIAL

### THE QUALITIES OF TILE.

From an artistic and sanitary standpoint the introduction of tile into interior construction is a much to be desired thing. The harmonies of color, unfading and imperishable, when judiciously selected, add a charm to the domestic interior not to be attained by paint or flat washes of less durable color. The growing use of tile for decorative purposes has caused manufacturers to exert every facility at their command to produce a product that would satisfactorily meet this demand, and its accomplishment is interestingly shown in a pamphlet, illustrated in color, issued by the Trent Tile Company, of Trenton, N. J.

This pamphlet, which we understand can be had upon application, is something in advance of the usual advertising matter. Its text has been prepared by Mr. Charles F. Binns, who is the director of the New York State School of Clayworking and Ceramics at Alfred University, New York. Mr. Binns has written an instructive article, and one that can be read with much profit.

### AUTOMATIC VENTILATORS

Opening the windows when the air within the room becomes vitiated does not ventilate the room, unless you keep the windows open. That means drafts, discomfort, and is often the cause of sickness, the origin of which is always the subject of speculation.

To change the air within, to provide for its ingress in sufficient quantity and the egress of the dead air, is the ideal ventilation.

The Pullman Automatic Ventilator Manufacturing Co., of York, Pa., believes it has solved this problem. Its experience in the manufacture of modern ventilating appliances entitles any claim made by it to consideration, and its rather original pamphlet describing the Pullman product is a good exposition of the subject and contains some ideas not always thoroughly understood.

### DUMB WAITERS AND ELEVATORS

The Sedgwick Machine Works of Poughkeepsie, N. Y., present in Catalogue J leading types of hand-power elevators and dumb waiters for all purposes.

Various types, both the usual and the unusual, to meet unusual conditions, are shown in this catalogue. The prospective builder requiring waiters or elevators will find it of interest to examine the product of this company.

### CONCRETE-STEEL FLOOR CONSTRUCTION

Leibu Hermann, C. E., concrete engineer and specialist, of No. 11 Broadway, New York, has perfected a system of floor construction, for which it is claimed that its use effects a saving of from four to twelve cents per square foot over types now in use. These claims of economy with others of strength, architectural merit, etc., are set forth in a pamphlet which may be had for the asking.

### AN UNUSUAL CEMENT MANUFACTURER'S CATALOGUE

From the raw material in the quarry to the completed cement structure, the Edison Portland Cement Co., St. James Building, New York, in a recently issued pamphlet of sixty pages, show by text and well executed half-tones, the various stages of their product.

This pamphlet is an important addition to the literature of good advertising methods, as it not only serves to direct attention to a standard product, but it contains information as to the various phases of cement manufacture not generally known.

Many examples of the best specimens of architectural progress in cement construction are illustrated in this pamphlet, but perhaps the most noteworthy showing is the large number of illustrations of Federal and Municipal buildings of recent construction.

This publication would seem to emphasize the fact that there are no limits to the possibility of modern cement construction.

There are examples of monolithic construction, showing filtration plants, storm relief sewers, viaducts and subways, and other interesting subjects.

There are many examples of recently constructed dwellings, garages, high buildings, whose interior views in some cases show length of spans that not so very long ago were considered impossible of safe construction.

The architect and the builder will find this a valuable and interesting publication, and one worth asking for.

## CATALOGUES RECEIVED

### AIR PURIFIERS AND HUMIDIFIERS

Under the above title, the Kauffman Heating & Engineering Co., of St. Louis, Mo., explain, with many illustrations and lucidly written text, in a pamphlet recently issued, the merits claimed for their air purifying apparatus. The many pretentious buildings equipped with this apparatus would seem to emphasize its merits, and the makers solicit correspondence with prospective users.

The catalogue tells all of the more important points claimed and may be had for the asking.

### CHURCH ORGAN SUGGESTIONS

The long-established Estey Organ Co., of Brattleboro, Vt., has issued a pamphlet with the above title. This pamphlet may be had on application. It offers many valuable suggestions on the placing of church organs, which are the result of many years of successful practice in organ building.

### NEW FURNITURE ON OLD LINES

An interesting catalogue with illustrations in many colors is that of the Stickley Bros. Co., of Grand Rapids, Mich.

This company are makers of high class furniture and have a special line, designed to follow well accepted old models. Its adaptability to modern decorative schemes is well shown in this pamphlet, which can be had on request.



# BUILDING NEWS

## ALABAMA

**MOBILE.**—Rev. E. E. George, pastor of the Dauphin Way Baptist Church, has announced that the building committee had received plans and specifications for their new church and were ready to receive bids for the construction of the same. The bids will be opened about March 10.

## CALIFORNIA

**SACRAMENTO.**—The California National Bank has had plans drawn, we understand, for extensive improvements to its building on the corner of Fourth and J Streets.

**SAN FRANCISCO.**—Samuel B. Mertes has bought, through Joseph Rucker & Co., the lot on the southwest corner of Clayton and Grove Streets, with an area of 40 x 112 feet. Mr. Mertes has announced his intention of building an apartment house upon the corner, and his architect is already working on the plan. The total investment, it is estimated, will be in the neighborhood of \$25,000 to \$30,000.

Property at the southerly end of Kearney street will soon be filled by the erection of a six-story and basement brick building at the southwest corner of Kearney street and Union Square avenue, between Geary and Post streets. The lot is owned by the Levi Strauss Realty Company. The estimated cost of the structure is nearly \$150,000.

## CONNECTICUT

**BRIDGEPORT.**—The Wintter estate is contemplating the construction of a four-story brick building at the juncture of William and Knowlton Streets. The plan under consideration is to tear down the present frame structure and have two stores on the ground floor of the projected building and living apartments above.

**DERBY.**—Architect C. T. Beardsley, Jr., of Bridgeport, has completed plans for some changes at the plant of the Sterling Piano Co., in Derby. Two of the buildings will be carried up an additional story, with new gravel roofs, etc.

**UNIONVILLE.**—Charles W. House & Sons, manufacturers of felt supplies, whose plant was burned recently, involving a loss of approximately \$75,000, have decided to rebuild, it is stated.

## FLORIDA

**JACKSONVILLE.**—The plans and specifications for the new hotel, to be erected at northeast corner of Bay and Newnan streets, and which have been accepted by the company, were prepared by J. H. W. Hawkins, of this city.

**MIAMI.**—We understand that Gus. A. Muller, proprietor of the Hotel San Carlos, is arranging to build a large addition to his hotel during the summer months.

## GEORGIA

**ALBANY.**—The plans of the proposed city hall, which have been accepted by council, were furnished by Robinson & Reidy, architects, of Savannah, and bids for the new building will be advertised for at once. The new city hall will cost about \$30,000.

## INDIANA

**ELKHART.**—The Strubler Scale Company is preparing to erect a new factory building on the site of the former C. A. Foster carriage and wagon factory and will begin work this spring. The building will be of brick, two stories high, 40 x 225 feet in dimension.

**FORT WAYNE.**—Architects of the city are preparing plans for the new edifice to be erected during the summer by the congregation of the English Lutheran Church of the Redeemer on the site of the present church, corner of Fulton and Washington Streets. The plans will be considered by the congregation at a special meeting on March 5 and a selection will then be made and work will be begun in the early spring. The church will be in English gothic style, low broad steeple, and will cost approximately \$40,000.

**INDIANAPOLIS.**—The Wulschner-Stewart Music Company has

closed a contract with John H. Holliday by which Mr. Holliday will erect a building at No. 227 North Pennsylvania Street, to be taken on a long-time lease by the music company. It will be four stories high and of white enameled terracotta, with elaborate trimmings and a modern front.

**RICHMOND.**—Plans for a high school building, three stories, 147 x 144, are being prepared by Architects W. S. Kaufman & Son. School Board, T. A. Mott, Superintendent, is the owner. Architects will receive bids.

**SOUTH BEND.**—According to reports, the Tryber Piano Company, of Chicago, has under consideration the moving of the present plant to South Bend.

Improvements are contemplated by the Central Union or Bell Telephone Company and will result in an expenditure of nearly \$200,000 in rebuilding the entire plant within the present year. A three-story structure of brick, stone and steel will be provided.

**VINCENNES.**—At a special meeting of Cornerstone Lodge, No. 596, of the Knights of Pythias, committees were elected to have plans prepared for a new lodge building to be erected in the near future at the corner of Second and Portland Avenue.

## KANSAS

**COFFEYVILLE.**—According to reports, voters of the city will be asked to vote bonds this spring to the amount of \$55,000, for the purpose of better equipping the schools of the city.

**HUTCHINSON.**—T. J. Ryan is said to be interested in a scheme to erect a four-story building on North Main Street, at a probable expenditure of \$100,000.

**LEAVENWORTH.**—Jacob Gaiser has sold a 400 acre tract of land near the old Eight Mile House near Lowemont, to the Mottin brothers. They expect to build a suitable residence and erect new out buildings on the site, it is said.

**WICHITA.**—Charles F. Fox, of Haverhill, Mass., has purchased a tract of 910 acres of land four miles west of Valley Center, this county. It is said that Mr. Fox intends to build a country home on the tract.

## KENTUCKY

**DAYTON.**—Architects C. C. and E. A. Weber, Cincinnati, Ohio, have prepared plans for a bank and apartment building for the Bank of Dayton. Five apartments, banking room, three stories

**FT. THOMAS.**—Architects C. C. and E. A. Weber, Cincinnati, Ohio, are preparing plans for a church edifice for the Ft. Thomas Episcopal congregation, at Ft. Thomas, Rev. A. Fletcher, pastor. It will be built of stone, with galvanized iron cornice. Cost, about \$15,000.

They are also preparing plans for a lodge building for the Ft. Thomas Lodge, F. and A. M.

**LOUISVILLE.**—According to current reports, Col. James P. Whallen and his brother are contemplating the erection of a new theatre structure on Jefferson Street, between Third and Fourth Avenues.

## LOUISIANA

**AMITE CITY.**—The question of spending \$30,000 in the erection of a new school building at this point is being discussed, we learn from reports in the local press.

**BOGALUSA.**—Colonel W. H. Sullivan, general manager of the Great Southern Lumber Company, has announced that a \$20,000 Young Men's Christian Association Building is to be erected here in the near future. The building will be located on Avenue B, just opposite the Lumber Company's offices. The plans are now being drawn by Du Buys, Churchill & Labouisse, architects, of New Orleans.

**JENNINGS.**—We understand Architect C. H. Page, Jr., of Austin, Tex., has presented the plans and specifications for the clubhouse on the Jennings lawn tennis grounds to the directors of the company.

## MASSACHUSETTS

**AMHERST.**—Plans drawn by Clarence P. Hoyt, of Boston, for the new zoological buildings, for which the Agricultural

College has asked the Legislature to appropriate \$80,000, have been presented by Prof. H. T. Fernald.

**CAMBRIDGE.**—The heirs of Otis Shebard have sold a valuable piece of land on Albany street, Cambridge, having a frontage of 340 feet on the street and 285 feet on the B. & A. tracks and a total area of 89,901 square feet. The purchasers are the Lamb & Ritchie Co., who will remove their business to the new site as soon as the buildings can be constructed.

**DORCHESTER.**—A lot on the corner of Washington and Normandie streets, Dorchester, containing 7,130 square feet, has been sold to William J. Welch, who will improve the site, it is said.

Three vacant lots on the corner of Talbot avenue and Iola street, containing 9,874 square feet, have passed to the ownership of Elias Hartstein. It is reported that the new owner will erect three up-to-date apartment houses.

**LAWRENCE.**—The County Commissioners have selected Architect John Ashton to prepare plans for the proposed addition to the county training school, and he has already begun the work of making preliminary drafts, it is said.

**NEW BEDFORD.**—E. G. Bullard has under way plans for a ten-apartment house to be erected on the east side of Seventh Street for George W. Lewis, of Westport. The apartment house will be 45 x 70 feet, five stories in height, and will be built of wood. The cost will be from \$25,000 to \$30,000.

**PITTSFIELD.**—At a special meeting the trustees of the Berkshire Athenæum and Museum of Natural History and Art voted unanimously to accept an offer made by Zenas Crane, of Dalton, to build an addition on the north end of the Museum, which will be an exact duplicate of the south addition. Harding & Seaver are the architects and work will commence early this spring. The cost will be about \$35,000.

#### MICHIGAN

**DETROIT.**—A new \$150,000 temple will be built in Detroit by the Independent Order of Foresters. The new building, it is expected, will be located somewhere in the downtown district at some point convenient of access to the principal car lines.

#### MINNESOTA

**DULUTH.**—Plans are being made by Radcliff & Price, architects, for a new Bethel building, which will be built on lower Lake avenue. The new building, according to the specifications, will cost approximately \$200,000.

**MINNEAPOLIS.**—The "Chicago Bakery," of which Messrs. O'Connor & Nolan are the proprietors, are going to build a modern up-to-date bakery building, 129 x 148 feet, at the corner of Plymouth and Lyndale Avenues. Plans and specifications are being prepared for the same by C. M. Bartberger & Son, architects, of Pittsburg, Pa.

#### MISSOURI

**KANSAS CITY.**—The F. P. Burnap Printing and Stationery Company has taken a ninety-nine year lease on fifty-six feet of ground on the south side of Tenth street, between Baltimore avenue and the alley immediately west of the Dwight building. A six-story, reinforced concrete building will be erected on the site to cost \$50,000.

A new church for the St. James parish is to be built this summer near Fortieth and Harrison Streets, it is said. Plans for the new building are being prepared by Edgar C. Faris, architect, to be after the Romanesque style of architecture. The estimated cost of the new church is about \$65,000.

Plans have been completed for the construction of a new church building for the Holy Name Church, at Twenty-third street and Benton boulevard. Plans drawn by Wilder & Wight, architects, show a building having a length of 166 feet, a width at the nave of 67 feet, and at the transept of 101 feet. It is to be built of Bedford stone. The church building will cost \$150,000.

J. C. Gates will begin work soon toward the erection of a five-story fireproof building at the southwest corner of Tenth street and Grand avenue. The walls of the structure will be sufficiently heavy to carry seven additional stories. Mr. Gates is now in consultation with his architect, A. B. Anderson, who has offices in the New York Life Building.

**ST. JOSEPH.**—Andrew Carnegie has offered St. Joseph a second public library and the City Council, at its meeting, decided

to accept the gift. The steel king gives \$25,000 for a building to be erected in North St. Joseph, on condition that a site is furnished and that the city agrees to maintain the library.

#### NEW HAMPSHIRE

**CONCORD.**—Architect Guy Lowell, of Boston, has drawn plans for the new building the New Hampshire Historical Society expects to build on property fronting on Park, State and Green streets, in this city.

#### NEW JERSEY

**EAST ORANGE.**—Work will be started in the spring on the erection of a large addition to the Edgemere Hotel at 301 William street, East Orange, to cost about \$60,000. Plans have been completed by Edward V. Warren, architect, of Newark. The hotel is owned by William H. Culbert.

**NEWARK.**—The Hedden Iron Construction Company of this city has purchased a tract of land comprising about ten acres in Hillside avenue for the purpose, it is understood, of erecting a large plant on the site within a few months.

The Ironbound Trust Company has decided to erect the proposed new banking house at the junction of Market and Ferry Streets, just east of the Pennsylvania Railroad. The trust company will also build a two-story brick building for commercial purposes on property just in the rear of the bank building, work to begin the early part of May. The money to be expended for both the structures will be between \$40,000 and \$50,000, it is understood; the bank building alone will cost in the neighborhood of \$35,000. The new bank is to be a one-story structure, about 25 feet high. The type of architecture followed by the architects, John H. & Wilson C. Ely, is classical.

A new office building for the New York and New Jersey Telephone Company, to cost approximately \$500,000, has been planned for this city. Construction will be started this spring on property acquired by the company in Washington street, between Market and Camfield streets. The plans, prepared by Eidlitz & McKenzie, architects, of Manhattan, provide for a nine-story structure.

#### NEW YORK

**ELMIRA.**—Snyder Brothers, printers, have closed a deal for the purchase of the Stanchfield property on Main street, between the Elmira Arms Company and Werdenberg buildings. A member of the firm has stated, it is said, that they will erect upon this site a brick block at a probable cost of \$30,000.

**LAKE GEORGE.**—We understand the architects, Ludlow & Peabody, of New York, have prepared plans for a clubhouse for the members of the Lake George Club, 150 x 35 feet; also a dormitory in connection with same. Estimates will soon be taken.

**LE ROY.**—The Le Roy Board of Education at a meeting recently considered the plans for the new high school buildings, which have been revised by the architect, E. E. Joralemon, of Niagara Falls, and accepted and approved them.

**NEW YORK.**—Adolph Lewishon has sold a block front on Washington Heights to John Schreiner, who it is said will build elevator apartments on it to represent a total outlay of \$750,000.

Annie M. Pissarra and Victoria V. Cavaganaro will build a seven-story flat, in the heart of Little Italy, at Nos. 210 to 214 Thompson street. The building will be 70 feet high. It will cost \$70,000. Janes & Leo are the architects.

New York's largest hotel is to be erected on the site of the old Greek Hotel, Forty-second street, opposite the Grand Central Station, unless plans under way fall through. It will be a twenty-four story structure, covering a plot 150 x 200 feet, and will contain 1,500 bedrooms. E. M. Statler, proprietor of the Hotel Statler, of Buffalo, is slated to be the lessee of the new hostelry.

L. Wolf has bought Nos. 518 to 534 West Twenty-sixth street, 225 x 98, with old buildings. According to report he will build a bookbindery for his own use on the site.

Next to its \$1,000,000 new buildings in the Grant's Tomb section the Union Theological Seminary will erect and operate a big apartment house. It will not be of the dormitory type, but a genuine housekeeping structure. Architects Allen & Colens, of Boston, are finishing plans for the seminary house.

It will cover a plot 46x144 on the southeast corner at Claremont avenue and 122d street. The cost is estimated at \$200,000.

According to reports, there has been purchased in Seventy-seventh and Seventy-eighth Streets, between Avenues A and B, eighteen lots, making a plot 225 feet frontage, extending from street to street. On this site will be constructed four buildings, six stories high, containing apartments for 350 or more families. The plans have been prepared by Architect Henry A. Smith, on suggestions made by Dr. Henry S. Shively, head of the tuberculosis clinic of Presbyterian Hospital. Mrs. William K. Vanderbilt has given \$1,000,000 toward the enterprise.

Paul J. Rainey has bought a tract of land of more than 250 acres in the Wheatley Hills section of Long Island, and will shortly commence the erection of a handsome country place.

Irving Judis Construction Co. will build six-story flats, with stores, 90 x 75, on the northwest corner at Amsterdam Avenue and 105th Street, from plans drawn by Architects Euell & Euell. They place the cost at \$110,000.

Pease & Elliman have closed a twenty-one years' lease for No. 13 East Fortieth Street, 25 x 98 feet. The building is to be torn down and replaced by a modern studio and office structure in the French Renaissance style of architecture for the sole occupancy of H. F. Huber & Co., of No. 382 Fifth avenue.

Plans have been prepared for a six-story apartment house, to be built at a cost of \$150,000, at the southwest corner of Cathedral Parkway and Columbus Avenue, and for a similar structure at the corner of Columbus Avenue and 109th Street, to cost \$120,000. Both buildings are to be erected by the Cathedral Realty Company, of which Leon Sobel is head, and have been planned by Sommerfeld & Steckler.

Benjamin R. Lummis has sold Nos. 114 to 118 West Forty-fourth Street to the Rocky Mountain Club. The club, according to reports, is to erect a very handsome house for club purposes on the site.

A 12-story office building is to be erected at 152-154 West 45th Street, a plot which the Surety Realty Company recently acquired.

Heinrich Schniewind, Jr., of Greenwich, Conn., will build the five-story structure at No. 8 East Seventy-ninth street. It is to be of brick and granite, in the Italian Renaissance style. It is to cost \$50,000, and Henry C. Pelton is the architect.

Architect Robert D. Kohn is completing plans for the addition to Dr. Felix Adler's Ethical Culture Society Hall. It will cover the 100x100 south corner at Central Park West and Sixty-fourth street.

It is said that the Gracehull Realty Company will build nine-story fireproof apartments, 108 x 86, on north side of One Hundred and Tenth street, 325 feet east of Broadway, from designs by Waid & Willauer, architects. The house is to have façades of brick, finished with limestone and terra cotta. It is to cost \$350,000.

H. D. Baker & Bro. have sold to the Sun Construction Company, of which Benjamin Neiberg is president, the northwest corner of Broadway and One Hundred and Fifty-second street, with two lots adjoining on the street, making 100x150. The buyers will erect six-story elevator apartments similar to the ones they are completing on the southwest corner.

The Brown Construction Company will build six-story apartments on the northwest corner of Audubon avenue and One Hundred and Seventh-eighth street, 75x90. The design is of French Renaissance with ornamental brick and stone trimmings. The house will cost \$150,000. Lorenz F. J. Weiher, architect, prepared the plans.

**OZONE PARK.**—The First National Bank of Ozone Park has purchased a plot of ground at the northwest corner of Broadway and Hatch Avenue, with a frontage of 25 feet on the former street and a depth of 100 feet. The bank will immediately build a brick and concrete banking house.

**SYRACUSE.**—There is a likelihood of Charles W. Snow adding two stories to the Snow Building in South Warren street next spring for the accommodation of the Citizens' Club. Mr. Snow has consulted Architect Archimedes Russell, of the firm of Russell & King, concerning the work.

**VALATIE.**—Architects are said to be at work on plans for the new hotel which Edward Gerst, of Valatie, proposes to erect at Electric Park. Preliminary drawings show a two-story

structure entirely of concrete. The building will be between 200 and 300 feet long, and will contain 100 rooms.

**YONKERS.**—We are informed that Architect James Watson has prepared plans for work on several proposed improvements to be made in Yonkers.

## OHIO

**CINCINNATI.**—It is reported that the Cincinnati Bickford Tool Company will build a plant at Oakley large enough for the present needs of the business.

**COLUMBUS.**—A new office building will undoubtedly be erected at the northeast corner of Spring and High Streets this year. A 90-year lease on the property, which is owned by J. R. Hughes, will be sold at auction soon.

Architect Frank L. Packard has prepared plans for a new building to be erected for the Jefferson Springs Water Company at its springs on the line of the Scioto Valley Traction Company. It will be two stories high and 40 x 60 feet in dimensions. Estimated cost, \$20,000.

The members of the House of Jacob are said to have commissioned Architect E. H. Rickett to prepare plans for a \$20,000 structure to be erected in Donaldson street.

**MIAMISBURG.**—Architect Frank L. Packard, of Columbus, is preparing plans for the erection of a new Carnegie Library building at Miamisburg, to cost about \$18,000. It will be constructed along the regular library style of architecture.

## OKLAHOMA

**OKLAHOMA CITY.**—The J. I. Case Plow Company, which recently sustained a loss of \$125,000 in a warehouse fire here, has purchased a site 125 x 140 on East California street and will begin the erection of a large building here within sixty days.

## OREGON

**ROSEBURG.**—Plans for construction of a \$20,000 theater for Roseburg will be drawn at a meeting of local citizens, when a stock company will be organized under the direction of H. T. Hazelrigg, of Medford, who has Klaw & Erlanger bookings.

## PENNSYLVANIA

**BUTLER.**—A sketch of the new St. Paul's Catholic church, which was submitted by John T. Comes, the Pittsburg architect, has been accepted by the building committee and the architect is now at work developing the plans and specifications. The building will have a frontage of 80 feet, including the tower at the south side of the church, which will be 160 feet high.

**HARRISBURG.**—The congregation of Harris Street United Evangelical Church, Harris and Susquehanna streets, have adopted resolutions that provided for the erection of a new church.

**PHILADELPHIA.**—Lamb & Co. have closed negotiations for the sale of a block of ground bounded by Fifty-fourth, Fifty-fifth, Race and Summer Streets. Upon the entire lot the purchaser will erect, during this spring and summer, 140 modern two-story houses. The total cost of the operation is expected to exceed \$300,000.

H. M. Downsborough has bought two large lots on both sides of Forty-sixth Street, between Spruce and Pine Streets, from the Drexel estate. Within a few weeks, it is said, he will start work upon the erection of twelve large modern houses, which will cost between \$12,000 and \$17,000 each.

Within the next three months a sanitarium for the treatment of consumptive patients will be opened in the vicinity of Philadelphia, to be known as the Philadelphia Jewish Sanatorium for Consumptives. Dr. Max Staller, Dr. A. J. Cohen, Maurice J. Speiser, H. Wolf, S. C. Kraus and Charles Krengel are interested in the enterprise.

It is stated that William A. Young is preparing plans for a moving picture house, 28 x 85 feet, on Twenty-ninth Street, below Fletcher, for Wallace C. Powelson.

It is said that plans are being prepared by a local firm of architects for a \$1,000,000 wool warehouse, to be built for Charles J. Webb & Co., at Delaware avenue and Walnut street. An apartment hotel, to be known as the Whitehall, will be erected by John W. Ross at the southwest corner of Wayne and Chelten avenues, Germantown, at a cost of upward of \$150,000. The building, which has been designed by Architects Ballinger & Perrot, will be of the French Renaissance style, with ex-



terior walls of brick and terra-cotta. It will be a six-story and basement fireproof structure.

**PITTSBURG.**—F. H. De Arment has been commissioned to design a \$25,000 eight-room brick school building for Hays Borough. The former school building was burned about a year ago.

It is said that O. R. Minnemeyer has sold to Anna P. Englert 50 x 200 feet in Beechwood Boulevard, between Irwin Avenue and Northumberland Street, old 22d Ward. The buyer plans a fine residence.

What is known as the C. I. Shannon holding at West Lacock and Corry Streets, old First Ward, Northside, have been bought by a downtown candy-making company. The lot is 54 x 64 feet and has on it three small brick and two small frame dwellings. It is said these are to be razed to make way for a modern factory and warehouse to be used by the purchaser.

**POTTSVILLE.**—Having secured the mansion of the late Senator William L. Torbert, at Girard Manor, with 200 acres, at a great altitude, Pottsville capitalists have formed a company to convert the place into a most up-to-date sanitarium. Bonds in \$100,000 for the project have been floated.

**SCRANTON.**—The plans for the Old Forge Deposit and Discount Bank have been completed by Architect John A. Duckworth, and work will be commenced on the building at once. The building will be of Romanesque style, with Indiana limestone front, and absolutely fireproof throughout.

### RHODE ISLAND

**BARRINGTON.**—Five house lots, one on Maple Avenue, Barrington, owned by Roby A. E. Spink, and four more adjacent to the factory of the New England Steam Brick Company at Barrington Centre, owned by Charles E. Smith, have been transferred to Rt. Rev. Matthew Harkins, bishop of the Catholic diocese of Providence. One of the lots will be utilized for a parish house, and upon the other four a church for the Italian Catholics of Barrington and vicinity will be built.

### TENNESSEE

**CLARKSDALE.**—According to current reports in the local press Clarksdale Elks have decided to erect a home, at a cost of not over \$25,000.

**KNOXVILLE.**—We understand that the board of public works will ask for sketches of plans to be submitted for the McMillan schoolhouse that is to be erected in the third ward.

**MEMPHIS.**—F. M. Norfleet, of the firm of Sledge & Norfleet, has purchased the property located at 107 and 109 South Front Street. The sale was effected through R. Brinkley Snowden. The lot is 30 x 230 feet. After the deal had been closed Mr. Norfleet said his firm would erect a modern three-story and basement building, fronting on the railroad tracks.

**NASHVILLE.**—A tract of 103 acres of the Zelner farm, eleven miles from the city, has been purchased by John W. Love, of this city. It is said Mr. Love means to improve the place, making it a model country home.

### TEXAS

**BROWNWOOD.**—Sealed bids will be received at office of M. L. Waller, architect, Fort Worth, and at office of I. J. Rice, Brownwood, until March 8, for the erection of a three-story brick and reinforced concrete school building.

**DALLAS.**—It is reported that a three-story office building is to be erected on Commerce Street, at the intersection of Kendall, shortly, by A. D. R. Collie and S. W. King, Jr., both of Dallas.

**FT. WORTH.**—Plans for a three-story well-equipped hotel, to cost approximately \$50,000, when completed and furnished, are being drawn up by Architect Louis B. Weinman, under the instructions of E. B. Daggett, who will build the new structure on the southwest corner of 15th and Jones Streets, near the Sante Fé depot.

**HOUSTON.**—We understand from current reports that Architects Warren & Wetmore, of New York, have been commissioned to prepare plans for a terminal station to be erected here by the Houston Belt & Terminal Company, of which F. G. Pettibone is president. Approximately \$500,000 will be expended for this purpose.

**PARIS.**—Sealed bids will be received at the office of O. J. McKnight, City Secretary, until March 8, 1909, for the construction of a brick high school building. Plans can be had by applying to Barry & Smith, architects, Paris.

**TEMPLE.**—Architects Sanguinett & Staats, of Ft. Worth, have been commissioned, it is said, to prepare plans for the proposed structure to be erected on Main Street and Avenue A for the City National Bank.

### UTAH

**SALT LAKE CITY.**—G. S. Holmes, proprietor of the Knutsford Hotel, has purchased 50 feet on State Street, facing west, between First and Second South Streets, and, according to reports, will improve the site with store structures.

### VERMONT

**ROCHESTER.**—Rochester is soon to feel the benefits of the activity of the progressive New England States Hotel Company, which is placing modern hotels in the beauty spots of New England. It is planned to erect a \$100,000 hotel of over 100 rooms on the hills above the town. Mr. M. J. Meagher, of Boston, Mass., is president of the hotel company.

### VIRGINIA

**DANVILLE.**—Messrs. W. A. Coleman and Garland P. Peed, of Norfolk, are interested in a stock company to build a handsome apartment house here. They have secured an option on the Talbott property at the corner of Main and Chestnut Streets.

**NORFOLK.**—Plans are being prepared by Benjamin F. Mitchell for a brick warehouse to be erected for J. W. Gamage on the Norfolk & Western Railway at Granby Street, and to cost close around \$15,000. The building will be 100 x 210 feet.

### WASHINGTON

**SEATTLE.**—It is said that work will probably begin soon on the new First Baptist Church, at Boylston avenue and Seneca street. The proposed building will cost about \$250,000.

Plans for the "Kenyon Home for Destitute Children" have been prepared, and work on the construction of a \$25,000 building to be erected on Ravenna Heights will begin soon. The plans were drawn by Knapp & West, local architects.

Construction work on The Michigan, an eight-story bachelor apartment hotel, to be erected by the McLaughlin Realty Company on the southwest corner of Pike street and Belmont avenue, will begin within ten days, according to Charles Haynes, architect. The Michigan is planned to cost \$125,000 and to be of steel and masonry construction.

Preparations have been practically completed for the construction of a handsome riding and driving club building to be the future home of the Seattle Riding and Driving Club. The building and equipment, when completed, will represent an outlay of \$100,000. L. H. Gray is president, J. E. Shrewsbury, vice-president. Architect W. P. White prepared the plans.

**SPOKANE.**—In order to secure the best and most artistic plans possible for the twelve-story building which it will erect this Summer on its new property at Riverside avenue and Stevens street, the Old National Bank will hold a competitive contest, open to all architects. The architect whose plans are adopted will receive no prize, but the second best plans will receive a prize of \$1,000 and \$500 will be paid to the firm submitting the plans judged to rank third.

### MEXICO

**JUAREZ.**—A Louisville architect—D. X. Murphy—is preparing the plans for the Juarez \$500,000 racing plant, which is the first of four to be established in the Mexican Republic within the next two years. He has been engaged by Colonel Matt J. Winn, of Louisville, who has been elected general manager of the Juarez Jockey Club, and who will fill a similar position with the Mexico Jockey Club, the governing body of racing in Mexico City, Guadalajara and Monterey.

In addition to building a track, grand stand, club house, stables and other necessary equipment at Juarez, work on which will be begun within two months, there will be erected at the same time a \$200,000 hotel, which has already been leased by New York individuals. The hotel, however, will not be planned by Mr. Murphy.

# CURRENT NEWS

## SOCIETIES

### PENNSYLVANIA STATE ASSOCIATION OF ARCHITECTS-ORGANIZED

Delegates from the Pennsylvania State Chapters of the American Institute of Architects and other members from Pennsylvania formally organized at Harrisburg the New Pennsylvania State Association of Architects, which promises to be a powerful factor in advancing the interests of the Institute and the profession and many matters concerning the welfare of the State. This is the only State organization of the American Institute of Architects in existence to-day.

The following officers were elected: President, D. Knickerbacker Boyd, of Philadelphia; Vice-President, Edward Stotz of Pittsburg; Secretary and Treasurer, William L. Baily, of Philadelphia.

Mr. Boyd is now the President of the Philadelphia Chapter of the Institute.

Mr. Stotz is the President of the Pittsburg Chapter of the Institute.

Mr. Baily is well-known in Philadelphia as an architect and as an ornithologist, being a member of the Academy of Natural Sciences and other kindred societies.

After discussion of several matters relating to bills now before the State Legislature and of other matters of general welfare, the following resolutions was passed:

*Resolved:* That the Pennsylvania State Association of Architects strongly approve the report of the Fine Arts Council recommending that the proposed Lincoln Memorial to be erected in the national capital shall be upon the site at the end of the Mall as originally provided for; and,

That, the Pennsylvania State Association of Architects is heartily in favor of Senator Newland's bill now before Congress to create a Bureau of the Fine Arts.

A general discussion took place on the advisability of studying and revising the Building Laws of the entire State of Pennsylvania to conform to all modern conditions of construction and materials used. It was pointed out that in many of the cities of the State, particularly those of the second and third class, the laws under which buildings are erected are not only very inadequate, but antiquated.

The creation of a committee to go over the matter and bring it before the attention of the next session of the Legislature with a view to having a Commission appointed to revise and codify the Building Laws of the State, was authorized.

Among other matters discussed, but upon which no definite action was taken, was the Registration and Licensing of Architects.

The matter of the appointment of an Art Jury for the City of Philadelphia as authorized by Act of Legislature was also taken up and referred to a committee.

The meeting adjourned to meet again at the call of the president.

A special meeting of the San Francisco Chapter, American Institute of Architects, was held on February, 18, 1909.

Business of interest to the profession was transacted. Resolutions endorsing the Newlands Bill for the location of the Lincoln Memorial at Washington were adopted; also resolutions endorsing the action of President Roosevelt in appointing a council to advise and suggest regarding the Bureau of Fine Arts.

At the conclusion of the business portion of the meeting, Mr. R. B. Guernsey delivered a very interesting address on Heating and Ventilation, fully illustrated by diagrams.

The Portland Art Association and the Portland Architectural Club will open their joint exhibition in the Museum of Fine-Arts, Portland, Ore., on March 22.

The opening of this exhibition will be marked by the assembling of delegates from the larger Pacific Coast towns, to discuss the formation of a Pacific Coast League of Architecture, to be affiliated with the American Institute of Architects in ways to be determined.

The number and character of entries announced insures the technical and artistic success of this exhibition.

## PERSONAL

In our issue of February 17, the address of Messrs. Wilder & White, architects, was stated as No. 186 Fifth Avenue, New York. This should have been printed No. 156 Fifth Avenue.

We are informed by Mr. Harry Leslie Walker, architect, Atlanta, Ga., that he has moved to his new offices in the Studio Building.

J. Rutland Larmour and Roy E. Lane, of Waco, Tex., announce that they have formed a partnership for the practice of architecture with offices in the Times-Herald Building, Waco. They would like to receive catalogues and samples.

Mr. Roscoe C. Tindall, architect, Wilmington, Del., has opened an office in the Equitable Building. He desires catalogues and samples.

Messrs. William Curlett & Son, architects, announce their removal to the Phelan Building, San Francisco, Cal.

Mr. George Lawrence Smith announces that he has opened an office for the practice of architecture at 22 Congress Street, Boston, Mass.

Mr. Frank M. Schurman, architect, advises us that he has opened permanent offices at 18 Maple Street, Buffalo, N. Y., and that he would like to receive catalogues and samples from manufacturers and dealers.

We are advised that the copartnership heretofore existing between Messrs. George Lohman and W. N. G. Place, architects, at Seattle, Wash., has been dissolved.

The business will be continued by Mr. George Lohman, whose office will be, as before, at 16 Hancock Building.

### BOOK NOTE

**FREEHAND AND PERSPECTIVE DRAWING: A MANUAL OF THE PRINCIPLES OF ARTISTIC PERCEPTION AND THE ART OF CORRECT GRAPHIC DELINEATION.** By Herbert E. Everett and William H. Lawrence. Cloth, 124 pp., 7 x 10. Price, \$1.00. Chicago: American School of Correspondence.

This work is divided into two parts—part I on Freehand Drawing, by Mr. Everett, of the Department of Architecture, University of Pennsylvania, and Part II, Perspective Drawing, by Prof. Lawrence, of the Massachusetts Institute of Technology.

As a manual for students who are unable to avail of the usual courses of instruction, the book will be found a valuable guide, as it combines in an interesting way the practical teaching of men of acknowledged ability as instructors in these necessary branches of the education of a draughtsman.

### INDUSTRIAL

#### LEATHER FOR UPHOLSTERY AND WALL DECORATION

The American Oak Leather Co., of 177 South Street, Boston, Mass., has sent to this office a book of sample leathers which in colors, character of surfaces and thicknesses exceed in variety the usual line of this class of goods.

The possibilities in the use of these leathers, either in upholstery or decorative uses, appear unlimited.

Of particular interest are the samples, in a variety of colors, of an "antique" leather, the value of which for decorative purposes must be seen to be appreciated.

The absence of the usual application of gilt, either flat or embossed, is to be commended, as it permits the architect and decorator, when he has decided on the color and surface to be used, to apply either by stencil or directly with the brush, such ornamentation as will best suit his scheme of decoration.

The "flat" effect of these leathers lends itself readily to decorative treatment and places within the reach of the user a surface on which he can work out many effective ideas.

The American Oak Leather Co. advise us that they will mail one of these sample books, with full particulars, prices, etc., to the architect, builder or decorator upon request.

#### ELECTRICAL APPARATUS

The Pettingill-Andrews Co., of Boston, Mass., in their monthly publication of live information about

electrical material, known under the suggestive title of "Juice," present in their March issue interesting information about Pittsburg transformers, and also illustrate a good line of ornamental street lighting fixtures. The Pettingill-Andrews Co. are the exclusive New England representatives of the Pittsburg Transformer Co.

The new models of ornamental street lighting fixtures combine in an admirable way an artistic effect with efficiency, and are worthy of attention.

Parties interested in the latest and best forms of electrical apparatus will do well to place their names on Pettingill-Andrews Co.'s mailing list.

#### ART AND SCIENCE IN ILLUMINATION

Proper illumination by artificial light has passed from the experimental stage and is now regulated by well established principles that can be clearly demonstrated.

The manufacture and installation of lights and fixtures has been for a number of years carefully studied by the Enos Co., of No. 52 West Thirty-ninth street, New York, and a visit to their salesrooms will show what artistic craftsmanship can achieve in this direction.

This company, whose branch offices are in the more important cities, have issued an interesting pamphlet showing the various types of reflectors made by them. These reflectors have been calculated to meet every possible problem of lighting by scientifically computed curves, and architects will find much to interest them in this pamphlet which will be mailed on request.

#### DYNAMOS AND MOTORS

The Eck Dynamo & Motor Co., of Belleville, N. J., will, upon request, send copies of the various bulletins issued by them, that clearly explain the many merits claimed for their protected type direct current dynamos and electric motors.

These bulletins, some fifty-four in number, are each one monographs on special service in various classes and types of building, and the prospective user can gain much valuable information by correspondence with this company, whose large faculties it is claimed enable them to render prompt and efficient service.

#### ORNAMENTAL BUTTS AND HINGES

The National Mfg. Co., of Sterling, Ill., is placing on the market an extensive line of butts and hinges, which offer many possibilities of decorative treatment. Their illustrated pamphlet describes these novelties in detail and may be had on application.

#### THE ORIGIN OF THE COLLINWOOD SCHOOL FIRE, NOT A WARM AIR FURNACE PIPE

We have been asked to correct a statement made in several magazines and daily papers that the origin of the recent disastrous Collinwood school fire was an overheated warm air furnace pipe.

The records in the State fire marshal's office at Columbus, O., and the written statement of the clerk of the board of education of Collinwood shows that this was not the cause of the fire and that no warm air furnace or furnace pipes were used for heating the building.



# BUILDING NEWS

## ALABAMA

**BIRMINGHAM.**—We understand the construction of the new skyscraper hotel on the southeast corner of Fifth Avenue and Twentieth Street is assured. The Fifth Avenue Hotel Company has been organized for this purpose, of which W. H. Woodward is president and F. B. Fowlkes, secretary and treasurer.

## ARIZONA

**LOWELL.**—If the plans now being formulated by the officials of the Copper Queen are carried out a handsome new company hospital will be erected in the vicinity of Lowell, at a cost of about \$100,000.

**TUCSON.**—It is the purpose of the Scottish Rites Lodge at Tucson to erect a structure for its home. Grounds have been purchased near the Santa Rita Hotel. The structure, which will be known as the Scottish Rites Cathedral, will cost not less than \$60,000.

## CALIFORNIA

**CHICO.**—Sealed bids will be received by A. J. Bryan, architect, up to March 10, for furnishing materials and erecting a three-story and basement brick and concrete store and office building for H. Silberstein. Plans and specifications of the proposed building may be examined at the office of the architect in Chico, Cal., or at the Builders' Exchange, 180 Jessie Street, San Francisco, Cal.

**GRIDLEY.**—The Mormons at this point have acquired property opposite the High School with a view to improving same with a church edifice to cost about \$12,000.

**HAYWARD.**—Plans for the proposed new church for All Saints' Parish have been submitted and are to be placed in the hands of the contracting builders for estimates at an early date, according to Rev. Father Viladomat, head of the parish. Estimated cost of the proposed church is placed at \$40,000.

**OROVILLE.**—The congregation of the Episcopal Church of Oroville will erect a fine edifice this summer. Dr. Clary, of Benicia, pastor of the church in this city, has plans prepared by the firm of Burnham & Co., architects, of San Francisco.

**PASADENA.**—George D. Webb, president of the Webb Granite & Construction Company of Worcester, Mass., is said to be considering the re-establishing of his plant here, which was recently destroyed at Worcester.

**SACRAMENTO.**—From reports in the local press, we learn that architects are now preparing plans for extensive alterations to the Clunie Theatre. Approximately \$100,000 will be used for this purpose. Mrs. Thomas J. Clunie is the owner, and Charles P. Hall lessee of the building.

**SAN BERNARDINO.**—If present plans carry, the Redlands district within a very few years will have one of the largest medical colleges in the country, as preparations are now on foot to greatly enlarge the facilities of the school at Loma Linda by adding new buildings. J. A. Borden is president of the school.

A new two-story flat building is among the building improvements scheduled for this city. The plans are in the hands of Architect C. W. Grigg.

**SAN FRANCISCO.**—Harron, Pickard & McCone are said to have leased property on Townsend Street, between Second and Third Streets, with a view to improving same with a five-story building, to cover the property.

An apartment house to cost about \$100,000 is planned by J. W. Baldwin for a lot on Bush Street, near Mason. The structure will be five stories high.

The local aeries of the Order of Eagles are preparing to build on their lot at Golden Gate Avenue and Leavenworth Street. A competition of architects was held, but for some reason a change was made in the plans, and a second competition is understood to be in progress.

Sydney B. Newsom has designed an apartment flat building for C. F. A. Postel, to be erected at the southeast corner of Fillmore and Union Streets, upon a lot 34 x 87. The building

will consist of three stories and an attic story and basement. The building will cost \$20,000.

According to reports, a four-story and basement apartment house will be erected by Charles Heinz on the east side of Van Ness avenue, north of Green street, at a cost estimated at \$25,000.

According to reports, announcement has been made that the Mission Savings Bank has plans in preparation for a three-story and basement building of brick for its large lot at the northwest corner of Valencia and 16th Streets. The estimated cost of the building is about \$100,000.

Property at the southeast corner of Stockton and Union Square Avenue, fronting on the square, has been leased to the Town and Country Club and A. M. Robertson for a term of years. Plans are being prepared for a Colonial building for this corner to be used for club purposes.

**WATSONVILLE.**—By an overwhelming majority the people of Watsonville have decided by vote to issue school bonds for the erection of a new primary school building in this city. The bond issuance will be for \$40,000.

**WILLOWS.**—The trustees of the Orland School District have decided to call an election for the purpose of bonding the district to the amount of \$20,000, which amount will be spent in erecting a new school house in the county.

## CONNECTICUT

**HARTFORD.**—At the meeting of Charter Oak Lodge, I. O. O. F. a committee was formed for securing new and larger quarters. The proposition of erecting a new structure at the corner of Main and Morgan Streets is being discussed.

**NEW HAVEN.**—A six-family tenement is to be built by Silas J. Stow at Bradley and Leonard Streets. According to current reports F. E. Brown is the architect.

**WATERBURY.**—Plans of Architect Joseph A. Smith are being figured on for the erection of a new block at the junction of North Main and Cooke Streets, for Thomas P. Hutchinson. It will be five stories high, 68 x 73 feet, and will contain three stores and sixteen apartments.

P. H. Carroll is having sketches prepared by Architect Joseph T. Smith for a five-story brick block to be erected on Meadow Street, opposite the railroad station. It is planned to have ten stores and forty apartments.

**WINSTED.**—Clifton Lodge, I. O. O. F., will erect a five-story brick block with an armory building on Main Street this spring. Architect has not been selected as yet; estimated cost \$75,000.

## GEORGIA

**ATHENS.**—Architects have been secured and preliminary arrangements have been completed for the construction of a sixteen-story office building at the corner of Marietta and Broad Streets, the building to be erected by John W. Grant, at an approximate cost of a half million dollars. The architects engaged by Mr. Grant are Morgan & Dillon, A. Ten Eyck Brown, of Atlanta, and W. T. Downing, of Chattanooga.

**ATLANTA.**—Plans have been perfected whereby the Piedmont Hotel is to be enlarged by the addition of a ten-story annex, which will face on Peachtree, adjoining the hotel, and run through the block to North Forsyth Street, where it will have a similar frontage, entailing a cost of \$200,000 for the addition and improvements to the present hotel. Architect A. Ten Eyck Brown has been instructed to prepare the plans at once, and the owners of the hotel plan to begin the actual work of construction for the annex on June 1.

From reports in the daily press, we learn that Architect M. H. Hubbard, of Utica, N. Y., has been commissioned to prepare plans for a church edifice to be erected here.

**MILLEDGEVILLE.**—The Methodists of Milledgeville have raised \$22,000 for the purpose of building a new church here. Rev. Ford McCree is pastor.

## ILLINOIS

CHICAGO.—M. H. Eichengreen & Co., commission merchants, are said to have acquired property at the southeast corner of South Water and La Salle Streets, with a view to improving the site with a six-story structure.

The Auditorium Hotel is to be remodeled, according to an announcement made by R. Floyd Clinch, president of the Chicago Auditorium Association. Two or more stories will be added.

A skyscraper will be erected on the southwest corner of La Salle and Madison Streets within the next two years. Holabird & Roche are preparing plans for the structure, which is to be a modern 20-story office building.

A concrete building is to be erected in the downtown district for the Moser Paper Company by F. M. Gray, of Niles, Mich., on the east side of Plymouth Court, 175 feet south of Harrison Street.

Meyer H. Eichengreen and Moses Uhlmann have leased from Clarence I. and Ferdinand Peck the southeast corner of South Water and LaSalle Streets, on which they plan to construct a modern mercantile building at a cost of \$300,000.

GALESBURG.—A deal has been consummated whereby the law firm of Hardy, Welsh & Hardy has purchased property on South Cherry Street, near Simmons Street. It is reported that an office building will be erected there as soon as the weather permits.

PEORIA.—A crowd of men closely connected with the Central National Bank and for the most part directors of that institution have leased the Rouse property, at Main and Adams Streets, for a period of ninety-nine years. The purpose of the lease is the erection of a magnificent modern fireproof office building approximately ten stories in height.

QUINCY.—The members of the Quincy Motor Boat Club are taking steps looking toward the erection of a proposed club building this coming season.

## INDIANA

EVANSVILLE.—Plans have been announced for the construction by the Schelosky Table Company of a new \$40,000 brick factory building and plant at First Avenue and the Belt Railroad. The present factory is at Harriet and Virginia Streets.

INDIANAPOLIS.—It is said that Dr. John M. Kitchen will begin the erection of a building on his property at Pennsylvania and New York streets, opposite the Federal Building, after the leases expire, April 1. Plans for the new Kitchen building have been drawn by D. A. Bohlen & on. It will be a four-story-office building of brick and steel construction.

At the annual dinner of Mu Chapter of the Phi Chi Fraternity, composed of physicians and students at the Indiana University School of Medicine, steps were taken to organize a movement to erect a clubhouse for the chapter. It is proposed to raise a stock subscription of \$15,000 among fraternity members with which to build the clubhouse. Dr. Charles D. Heimes is interested.

SEYMOUR.—At a public meeting held here recently, a committee of ten representative citizens was selected to formulate plans for raising \$15,000 for a new city hospital and for accepting the gift of Mrs. Louis Schueck of \$5,000 toward that amount.

SOUTH BEND.—Tentative plans for the new Odd Fellows' Temple to be erected on the Main-Washington Street corner, were discussed at a recent meeting of the lodge's building committee.

## IOWA

COUNCIL BLUFFS.—The question of erecting a grade school at this place at an approximate expenditure of \$20,000 is under consideration, we understand. J. J. Hughes is secretary of the Board of Education.

DAVENPORT.—The half block on Brady Street, of the St. Anthony's Church square, will be greatly improved during the coming year, according to plans of the owners of the buildings. The old frame structures at the rear of the buildings will be torn down and brick additions will be erected in their place.

DES MOINES.—Messrs. Fleming Bros. & Frankel Bros. have secured property from the O'Callahan estate, and it is rumored that they are engineering a deal for the erection of a mammoth fireproof building on the site.

MARSHALLTOWN.—After a short campaign for stock subscriptions to the Elks' building fund, the lodge has announced that \$38,000 in cash has been subscribed, and bids for the new \$40,000 Elks' home will be advertised for soon. The contract will probably be let by April 1.

MASON CITY.—Harry Woods, of Eldon, has purchased a tract of land near the fair grounds here, and will erect a large training and breeding stable, it is said. The land is purchased from F. N. Norris.

SIoux CITY.—It is currently reported that a building, two stories high, and to cost about \$25,000, is planned by the German-American societies of Sioux City.

## KANSAS

HUTCHINSON.—Captain George B. Seeds, of the Salvation Army, is completing arrangements for building new headquarters in Hutchinson. The local command has bought lot No. 32 West Sherman Avenue, immediately opposite the city hall. It is on this site that the army proposes to construct the new building. Estimated cost, \$10,000.

LEAVENWORTH.—According to current reports, the Lysle mill-plant at Sixth and Choctaw Streets proposes improvements that will require the expenditure of about \$35,000.

SHARON SPRINGS.—Arrangements have been completed whereby Sharon Springs is to have a new modern hotel block two stories, 75 x 150 feet, to be built at an estimated cost of \$13,000. H. W. Rust is back of the scheme. The building will be made of reinforced cement blocks, and will occupy the entire corner on Front and Main Streets.

## KENTUCKY

GLASGOW.—Glasgow is soon to have a new \$18,000 Methodist Church, it is said. The present edifice will be sold and a site bought on upper Depot Street.

LExINGTON.—From reports in the local press we learn that the congregation of the Christ Church Cathedral is contemplating extensive improvements.

LOUISVILLE.—According to the local press, Charles Buschmeyer is said to be planning a twenty-story office building for the southeast corner of Fourth Avenue and Market Street.

A modern hospital will be added to the present quarters of the Children's Free Hospital. The plan calls for the expenditure of \$55,000, and were prepared by Architects Murphy & Murphy.

A theater, music hall and business house costing in excess of \$1,000,000 is among the possibilities for Louisville within the next few months. Plans and specifications are being prepared. Louis Seelbach, Col. John T. Macauley and James B. Speed are the persons chiefly interested in the project.

Sealed proposals will be received by the Building Committee of the Louisville Free Public Library, Fourth Avenue and Library Place, until March 24. Plans and specifications may be seen at the office of Architect Arthur Loomis, Todd Building, and at the Building Contractors' Exchange, 900 Lincoln Savings Bank Building.

SOMERSET.—The official board of the Main Street Baptist church has announced that all plans and specifications have been completed for the erection of a new church. The new edifice will occupy the site of the present structure, but will be much larger. The cost will be about \$20,000.

WILLIAMSTOWN.—The Odd Fellows and Knights of Pythias of Williamstown have under consideration the erection this year of a three-story, commodious, brick building on their lots on Main Street. The cost of the proposed building has not yet been determined upon, but it will likely range from \$10,000 to \$15,000.

## MARYLAND

BALTIMORE.—The Brookline Land Company has sold to Mr. Louis J. Roth part of its tract of land in Forest Park. The land sold to Mr. Roth comprises seven acres, and borders on Garrison Avenue, Liberty Heights Avenue and Fourteenth Street. According to reports, Mr. Roth will erect residences on the site, to cost approximately \$6,000 each.

Architect E. Selckman is completing plans for the erection of a moving picture theater at Francis Street and Fulton Avenue for Messrs. Theodore Doukas and George Konstant. The proposed theater will be one story high and will have a frontage of 28 feet by a depth of 50 feet.

Mr. H. Clay Waldman, Jr., has purchased from the Lake View Realty Company a lot fronting 160 feet on the west side of Lake View Avenue, north of Whitelock Street, with a depth of 120 feet, which he will improve with ten three-story dwellings.

The trustees of the Times Savings Bank are said to be having plans prepared for extensive improvements to property recently acquired.

Plans and specifications for the new school building to be erected at Mulberry and Payson Streets have been prepared. According to the plans, the schoolhouse will be a three-story building, symmetrically constructed. The drawings were prepared by Architect Theodore Wells Dietsch.

To provide room for the increasing number of communicants, the members of St. Anthony's Catholic Church, at Gardenville, will make extensive improvements and additions to the church building. Architect Robert C. Ullrich has been commissioned to prepare the plans and specifications. Rev. A. Gamp is pastor of the church.

Twelve brick dwellings will be erected on the Reisterstown road near Shirley lane by Joseph T. Flaunt, who has commissioned Architect Jacob F. Gerwig to prepare the plans.

There is talk in theatrical circles of a new moving-picture theatre to be erected here by Lubin. It was said it would occupy the space now taken up by the two Lubin theatres, on East Baltimore Street, and will cost about \$100,000. Mr. Edward C. Earle is resident manager of the Lubin theatres.

FREDERICK.—At a large mass-meeting of farmers, preliminary plans were made for the building of a horticultural hall in this city to cost \$15,000. The meeting was under the auspices of the Farmers' Mid-Winter Exhibit Association, and was presided over by Louis F. Kefauver, of Middletown, president of the association.

#### MASSACHUSETTS

BOSTON.—According to current reports, the New England Deaconess Association has received a gift of \$30,000 to establish a home for aged women. The gift was announced at the recent annual meeting.

CAMBRIDGE.—Announcement of the gift of \$150,000 to Harvard University for the purpose of endowing a chapel to be known as the Edward Wigglesworth Memorial Chapel has been made at the university office; givers are James Norton Drew, Mary G. Pitcher, Henrietta G. Fitz and George Wigglesworth, all of Boston.

DORCHESTER.—Charlotte A. Powell has purchased property in Glenarm Street, with a view to improving same with two two-family houses, from plans prepared by F. G. Powell, architect. The houses will cost about \$10,000 each.

HAVERHILL.—Plans for an eight-story brick building to be erected at Granite and Essex streets by Horne & Stevens, the sole leather dealers, have been prepared, we understand. The proposed building will cost \$40,000. There are seven stories above the street with a high basement, making it practically an eight-story structure.

Another building that is contemplated will be erected on West street by H. C. Hess. It will be a three-story brick structure with cement block facing. The plans as yet are not complete, but it is planned to have the two upper stories made into bachelors' chambers.

HOLYOKE.—We understand that the Elks at this point are taking steps toward the erection of an assembly hall in the rear of the present home.

We understand that two new apartment blocks are to be built and extensive alterations made in the block at the corner of High and Division Streets in the immediate future from plans by George P. B. Alderman and Company, architects.

LAWRENCE.—The Brightwood Manufacturing Company, of North Andover, manufacturers of worsted dress goods, has had plans and specifications prepared for a new mill, to be erected on the Lawrence side of the Shawshin River, just over the boundary line. The structure will be of brick, about 250 feet long, 80 feet wide, two stories in height, and embracing the most modern equipment.

SALEM.—According to current reports in the local press the St. Joseph's French Catholic Society of Salem has made plans to build a new church on Lafayette Street.

#### MICHIGAN

BAY CITY.—Pratt & Koeppe, architects, have completed plans, it is said, for the remodeling of the building on the east side of Saginaw Street, between Center and Fifth Avenues, owned by M. J. O'Malley.

DETROIT.—The erection of a music hall in connection with the Detroit Conservatory of Music at 530 Woodward Avenue is a prospect that is taking definite shape. It is proposed to erect an addition to the present institution that will cost from \$15,000 to \$20,000.

#### MINNESOTA

DULUTH.—According to reports in the local press it is said that five additional stories will be erected on the Wolvin Building this year.

J. J. Wagenstein is taking bids for the \$25,000 residence of Dr. J. J. Eklund, which will be erected on the corner of Twenty-fourth Avenue, East, and Third Street. Mr. Wagenstein is now preparing plans for two brick terraces, of four houses each, to be erected on East Third Street. They will cost about \$35,000. Plans are also being prepared by the same architect for two large brick residences to be erected in the East End.

MINNEAPOLIS.—The congregation of the Hennepin Avenue Methodist Church is said to be discussing the erection of a \$200,000 building on the site of the present structure.

#### MISSISSIPPI

HATTIESBURG.—The Yaryan Naval Stores Company, which has been financed by Toledo capital and which expects to place plants throughout the North and South for the manufacture of resin and turpentine from pine stumps, is making arrangements to start a factory at Hattiesburg. The company has a capital of \$2,500,000. Jay K. Secor, of Toledo, is interested in the company.

MERIDIAN.—The congregation of the 15th Avenue Baptist Church is said to be taking active steps toward the erection of a new church building to cost \$14,000.

The Alden Knitting Mills, New Orleans, will build a large branch plant at Meridian, it is stated. This company has secured a site and will arrange for beginning the erection of the necessary buildings in the near future.

#### NEBRASKA

HASTINGS.—Rev. Hiram B. Harrison, pastor of the First Congregational Church of this city, has announced that it is his intention to have a roller skating rink established in the basement of the proposed new church edifice, which is to cost \$20,000.

#### NEVADA

CARLIN.—Carlin Aerie of Eagles own two lots here, and are making arrangements to build a large hall two stories high, the upper floor to be exclusive for lodge work and the lower floor will be an opera house. The building will cost several thousand dollars.

#### NEW HAMPSHIRE

CLAREMONT.—The question regarding the remodeling of the Stevens High School is being considered at this point, and the appropriating of \$50,000 for this purpose.

#### NEW JERSEY

ASBURY PARK.—Henry Welsh Rogers, senior partner of the coal firm of Rogers, Holloway & Company, of No. 1 Broadway, New York, is about to erect a \$65,000 summer residence in Spring Lake. The building will occupy the center of a block of fourteen lots, purchased from E. V. Patterson last spring, and will face in Ocean Avenue.

ATLANTIC CITY.—J. C. Jefferies, of Philadelphia, is planning two apartment houses and a garage, to be built at Atlantic City for Henry Weiberholt.

Plans are being completed for a new million and a half dollar hotel to be erected on the old Hippodrome site, Arkansas Avenue and the beach. Captain John L. Young, associated with a number of New York and Philadelphia capitalists, will finance the new venture.

Architects Seymour Davis, 3d, and Paul A. Davis, 3d, of Philadelphia, are about to ask bids on the First Presbyterian Church and the Marine Trust Building, in Atlantic City.



**CAMDEN.**—Architects Ballinger & Periot, of Philadelphia, are planning a large addition to the plant of the Victor Talking Machine Company, in Camden, it is said.

**COLLINGSWOOD.**—We understand from current reports that Clyde S. Adams, of Philadelphia, is finishing plans for a high school to be built in Collingswood.

**JERSEY CITY.**—The Fairmount Company, of Jersey City, is about to build an apartment hotel, at a cost of \$50,000, at the southwest corner of Fairmount Avenue and Hudson County Boulevard.

**NEWARK.**—School Architect Ernest F. Guilbert has completed the designs and plans for the proposed addition to Lafayette Street School and for the Barringer High School "gym," it is reported.

**PERTH AMBOY.**—Architect C. Howard Smith has completed plans for a three-story brick building to be erected at State and Lynde Streets by S. Moretko.

**PRINCETON.**—Property at Witherspoon and Spring Streets is to be improved into a three-story structure, to cost approximately \$50,000. E. P. Branch is the owner.

**SOMERS POINT.**—Mr. Louis Steuber, of Atlantic City, is said to have acquired property here, with a view to improving same with a modern hotel structure.

### NEW YORK

**BUFFALO.**—James N. Byers has bought property, with 68 feet frontage on Main Street, and, according to reports, will tear down the buildings to make room for a brick and steel store building.

John J. Albright has purchased 19 acres of land to the north of Delaware Park, facing the park and running back on Colvin Street to the Belt Line tracks. In the near future an institution is to be erected on the property for use as a school to prepare young men for the large universities. The new school building will represent an investment of about \$200,000. S. H. Knox is said to be interested in the plan.

Plans are being prepared for a club house for the C. Y. M. A., in connection with St. Mary's Church on Broadway. The building will adjoin the church. It will be a three-story brick structure, costing about \$50,000.

**LILTON.**—Architect M. H. Hubbard, of Utica, is said to have prepared plans for the proposed new structure to be erected here by the Odd Fellows, at an approximate expenditure of \$30,000.

**NEWARK.**—Architect J. Mills Platt, of Rochester, is said to have prepared plans for the new government building to be erected on Union Street.

**NEW YORK.**—Meyer Sacks will build two six-story flat houses on the north side of 130th Street, west of Lexington Avenue, at a cost of \$80,000. The structures will be 50 x 86 each. Architect A. Berres prepared the plans.

The Highwood Realty Company, of which Julius Weinstein is president, will build six-story apartments, 108 x 78, on the south side of 111th Street, west of Amsterdam Avenue, from plans by Architect S. A. Goldstone. The cost is figured at \$200,000.

It is said that Henry D. Winans & May have sold to David H. Morris 28 feet on the north side of 70th Street, west of Madison Avenue, on which he will erect at once a residence.

The Art Students' Inn Corporation has bought a plot 130 x 102 feet on the south side of 79th Street, 100 feet east of Riverside Drive, as the site for a studio apartment and club site. The cost of the new building is estimated at about \$700,000. Walter Russell is interested in the enterprise, and will superintend the work of construction.

M. & L. Hess have sold to the Realty Holding Company 119 to 131 West 27th Street, old buildings on plot 150 x 98. A 12-story loft structure will be erected on the site as soon as the old buildings are razed.

Property one block south of the Vanderbilt mansions on Fifth Avenue is to be improved with an imposing private banking house, which will be built by Henry S. Redmond, of Redmond & Company, bankers.

James S. Maher is preparing plans for a three-story cold

storage building to be erected at the southwest corner of Brook Avenue and 153d Street by the Conron Brothers Company.

Sealed proposals will be received at the office of the Supervising Architect, Washington, D. C., until the 3d day of April, for the construction of foundation to the extension and remodeling of the United States Assay Office Building, New York, in accordance with drawings and specifications, copies of which may be had at the office of the Superintendent of Construction of the U. S. Custom House, at New York, N. Y., or at the office of the Supervising Architect, James Knox Taylor.

Strohmeyer & Arpe Co. will build a ten-story warehouse, 52 x 101, at Nos. 139 and 141 Franklin Street, to cost \$125,000. We understand that plans have been completed by Architects Maynicke & Franke.

Near the Cathedral of St. John the Divine, S. D. Davis will build six-story apartments, 108 x 78, on the south side of 111th Street, west of Amsterdam Avenue. Plans were drawn by Architects Bernstein & Bernstein, who place the cost at \$150,000.

William J. Casey has sold to Anthony Schwoerer, Jr., the plot, 50 x 100, on the north side of 115th Street, east of Riverside Drive. The buyer, it is reported, will build eight-story apartments.

William C. Reid bought a plot on the east side of East Fifth Street, 100 feet north of Avenue F, Kensington Park, Brooklyn, and will build at once five high-grade, detached, two-family dwellings, to cost \$6,000 each.

William F. Havemeyer has sold to the Stockton Realty Company, Nos. 5, 7 and 9 East Thirty-first Street and Nos. 6, 8 and 10 East Thirty-second Street, a plot of about 13,000 square feet, with a frontage of about 66 feet on either street. The purchasing company, of which Anderson Price is president, will get possession of the plot on May 1, when the present buildings will be torn down and a fifteen-story office and loft building erected.

George F. Johnson is said to have acquired property at the northwest corner of 113th Street and Broadway, and according to current reports contemplates extensive improvements.

Plans have been drawn for a ten-story and basement apartment house to be built for the West Side Construction Company, as owner, at the southeast corner of Riverside Drive and Ninety-ninth street. It is to be of the Italian Renaissance design from drawings by G. F. Pelham, architect, with façade of brick, with limestone trimmings. It will cost approximately \$300,000.

Plans have been completed for a twelve-story commercial building to be erected for the Marmac Construction Company, at Nos. 102 to 106 West Twenty-seventh street. It will have a frontage of 60 feet and a depth of 90 feet, the façade being finished in brick, terra cotta and copper trimmings. It is to cost \$225,000, according to the estimate of the architect, Frederick C. Browne.

Kuhn & Lawson have bought the plot, 70 x 90, on the north side of 177th Street, east of Broadway, and according to reports will immediately improve the site with a five-story apartment house.

The Advance Realty Company is said to be having plans prepared for a six-story elevator apartment house, 100 x 100, to be erected on the north side of 112th Street, east of Broadway. George and Edward Blum are the architects.

Casey & Irwin and Otto Kindler have sold to a builder the northeast corner of Westchester and Hoe Avenues, a plot 48 x 192. According to reports Architect Harry T. Howell is preparing plans for three five-story apartment houses to be erected on this property by the Henry F. A. Wolf Company, at a cost of \$110,000.

According to a report in the daily press Nathaniel Wise was not the purchaser of the John C. Rodgers property at 206th Street and the Harlem River, but a client of the office of Hall J. How & Co., who will improve the site.

Jacob Leitner has sold to the Winnie Realty Construction Company the southwest corner of Intervale Avenue and Fox Street, a plot 115 x 100 and irregular, which will be improved immediately with four four-story double flats.

It is said that on the Ancient Order of Hibernians' property, northeast corner at Fifth Avenue and 116th Street, will be built three-story lodge rooms and offices, 110 x 100.

On the northwest corner of 34th Street and Eighth Avenue the West Side Bank will build a classic home structure in marble. It will be of the Italian type, designed by Architect Thomas J. Duff. The cost is estimated at \$125,000.

The Grand Street Realty Company, which has bought through Hallock & Company, Nos. 253 to 257 Division Street, will build seven-story stores and lofts on the site, it is said. The plot is 60 x 75.

George Backer will build a three-story dwelling, 25 x 93, on the east side of Hamilton Terrace, south of 144th Street, from designs drawn by Schwartz & Gross, architects. It is to be of Colonial style. It is to cost approximately \$15,000.

Architect Lorenz F. J. Weiber is preparing plans for seven six-story apartment houses, each 40 x 87 x 100, to be erected by Mary Ehrmann, on the north side of 136th Street, east of Brook Avenue, and for seven similar houses to be erected on the abutting lots on the south side of 137th Street. The estimated cost of the structures is \$700,000.

According to the daily press, extensive alterations are planned to the Wallabout Market, Brooklyn. About sixty-one new buildings are planned.

Henry D. Winans & May have sold the lot on the north side of Seventieth Street, west of Madison Avenue. The buyer will improve the site immediately with a dwelling for his own occupancy.

Michael Coleman has sold Nos. 52 and 54 West Thirty-eighth Street, two four-story dwellings, on plot 42 x 98.9. According to reports the buyer will erect a twelve-story building on the site.

Stockton Realty Co. has bought Nos. 5 to 9 East Thirty-first Street, through to Nos. 6 to 10 East Thirty-second Street, 66 x 197.8. The new owners say they will build fifteen-story offices, lofts and stores.

John C. Rodgers has sold the plot on the north side of 206th Street, east of Tenth Avenue, with a frontage of 150 feet, and extending to the Harlem River, where it has a frontage of 100 feet. The buyer is Nathaniel Wise, who intends to bulkhead the water front and establish a large building material yard on the property.

Plans have been drawn for converting the five-story dwelling at No. 158 Madison Avenue into a store and office building. The alterations are to be made at a cost of \$15,000 for Caroline X. McLanahan, as owner, from plans by Kafka & Lindenmeyr.

SYRACUSE.—City Engineer Henry C. Allen is said to have been commissioned to appoint an architect to prepare plans for remodeling the City Hall, at a probable expenditure of \$60,000.

## OHIO

BARBERTON.—A three-story building, 25 x 100, to cost \$12,000, from plans by Architects Harpster & Bliss, Central Savings Bank Building, Akron, is to be erected for the Barberton Savings Bank, at Barberton; plans in progress.

BUCYRUS.—The question of improving property on Sandusky Avenue with a three-story brick business block is being considered we understand. H. M. Oberlander, B. B. Myers and H. F. Miller are interested.

CLEVELAND.—The Otis Elevator Company, Oliver Gardner, manager, 702-704 Penobscot Building, is said to be looking for site upon which it purposes to erect a building for itself.

Coshocton; plans will be ready for figures about April 1. erected in Coshocton, according to plans by Architect W. S. Epperson, Courtland Building, Canton. Owner, H. W. Bachert, Coshocton; plans will be ready for figures about April 1.

Architect Franz C. Warner, Citizens' Building, has prepared plans and is receiving bids for a \$6,000 brick house for Harry Abels to be erected on East 107th Street, near Wade Park Avenue, N. E.

Architect Edward E. Smith has prepared plans for a new apartment building to be erected on East 77th Street, near Euclid Avenue, for Nathan E. Warwick. The new structure will be four stories in height and 99 x 98 feet.

MANFIELD.—Architect Vernon Redding, Bird Building, is said to be preparing plans for a new church and parsonage for the congregation of the First M. E., Rev. L. C. Sparks, pastor; bids will be received later. Church to be built of limestone, with Bedford stone trimmings.

TOLEDO.—Through the Close Realty Company the vacant lot on Monroe street at the head of Twentieth street has been sold to Clara Allion, who is to improve the property at once by

the erection of a two-story store building, 40x100 feet in size.

## OKLAHOMA

EL RENO.—Frank Swaggart has purchased the property at the corner of Hayes and Bickford avenue and will at once, according to current reports, begin the erection of a modern four-story structure.

HOBART.—It is stated that Mrs. Joseph Clyne, of Tampico, Ill., owner of the Dixie store building, which burned recently, will erect a new building, to be a modern brick structure and to cost about \$30,000, on the site.

PENDLETON.—The local lodge of Elks has taken steps to secure a permanent building of its own. It is proposed to have a club room and a hall combined.

PORTLAND.—Rose City Park and Rossmere are to have a new Presbyterian Church, as a result of a meeting of citizens of those suburbs. A quarter block at the corner of Tillamook and East 45th Streets will probably be purchased for the site. Rev. Mr. Griswold, representing the Home Missionary Board of the Portland Presbytery, is interested. The following officers were elected: President L. E. Cartin; secretary, O. F. Cady; treasurer, A. V. Beesley.

Negotiations are being closed by the Portland Railway, Light & Power Company for the erection of a 10-story office building at the northeast corner of Seventh and Alder Streets. The skyscraper will be of steel construction, and will cost in the neighborhood of \$250,000.

## PENNSYLVANIA

ARDMORE.—Lower Merion Township proposes building a high school at Ardmore, costing about \$150,000. Information can be obtained from Supt. H. J. Wightman, Ardmore.

BUTLER.—The Standard Steel Car Company has completed the purchase of a three and one-half-acre plot on the Kohler farm on Pierce avenue, and reports have it that on the plot the company will erect a new office building to take the place of the old buildings the company has on the west side of their property.

FRANKFORD.—Architects Naschold & Knutzer, of Philadelphia, are preparing plans for alterations to the Empire Theater, in Frankford, it is reported.

KNOXVILLE.—At a meeting in the Knoxville Presbyterian Church recently a movement to raise \$50,000 for a Y. M. C. A. building on the Hilltop was launched. Fred Sankey is chairman of a special finance committee having the project in charge.

MONONGAHELA CITY.—Architect F. P. Keller, of Monongahela City, is receiving bids on the putting up of a \$75,000 school building to be located at Ninth and Lincoln Streets.

PHILADELPHIA.—J. Paul Emrey is about to erect four houses in the colonial and old English styles of architecture at North Wynnefield. They have been designed by Philip H. Johnson, and will cost from \$17,000 to \$40,000.

The Board of Education, City Hall, will receive bids until March 8, on various alterations and additions to be made to school structures throughout the city. William Dick is secretary.

We understand that the erection of a central building for Catholic societies, with features of the clubhouse, gymnasium, night school and library combined, is being discussed by the members of the Catholic Young Men's Archdiocesan Union.

Architect Rowland W. Boyle has revised plans in preparation for the chapel wing of the Apostolic College, Cornwells. It will be one story, of stone, and cost about \$50,000.

Two plots, each 495 x 137 feet, at the northwest corner of Seventh and the northeast corner of Eighth and Butler Streets have been sold by Frank H. Moss to Robert F. Garrett. A large operation of dwellings will be started there shortly.

A big ice manufacturing company is being formed that will purchase the McCann Brothers' storage house, at the southeast corner of Twelfth Street and Washington Avenue, and erect a \$50,000 plant on the plot, which measures 80 x 200 feet.

PITTSBURG.—The W. G. Wilkins Company is preparing plans of a brick residence for T. Chalmers Darsie. The house will be built on the Bughman lot, at Fifth Avenue and Woodland Road.



Several old buildings at 905-07 Fifth Avenue are soon to be torn down to make way for a \$75,000 mercantile building. Plans now being drawn call for a six-story fire-proof structure, with terra cotta front, to cover 48x116 feet. The building will be built by Goorin, Shapira & Co., wholesale hatters.

An eight-story and basement building, designed by Charles Bickel, architect, for B. White, is to be erected at the corner of Ohio and Sandusky Streets, North Side, Pittsburg. The building will be of steel skeleton construction, strictly fireproof and arranged for an addition of four more stories.

Upon his return from California Walter P. Fraser will begin work on a modern store and warehouse on his property on Liberty Avenue, near 16th Street. The building will cover 50 x 100 feet, and is to be six stories high, although two additional stories may be decided upon.

Plans are being drawn by D. A. Dyche, architect, for a third three-story building for H. G. Hugus, to be located on Penn Avenue, near Fairmount Avenue, East End. Proposed structure will cost about \$40,000.

SCRANTON.—The Scranton Canoe Club propose to build a three-story clubhouse on the shores of Lake Winona in the early part of this spring. The plans have been made by Architect Percival Morris.

VERONA.—The Masons of Verona will have a temple built in that town, at a cost of \$30,000. H. A. Lord, of Oakmont, is designing the building.

#### RHODE ISLAND

PROVIDENCE.—Plans are now being made by the Hope Congregational Church of East Providence for the erection of a new church, and it is hoped that operations will be begun this spring.

#### SOUTH CAROLINA

FAIRFAX.—Architects Preacher & Hohman, Augusta, Ga., are preparing plans for a residence to be erected here for J. B. Brunson.

MARION.—Recently Northern capitalists made the citizens of Marion a proposition to erect a \$225,000 mill there if they would subscribe \$75,000 of the stock. This stock has been subscribed, and the promoters of the enterprise say that the company will be formally organized and work begun on the plant at an early date.

#### SOUTH DAKOTA

ABERDEEN.—It has just become a certainty that the Citizens' Bank Company will, during the coming season, erect a six-story and basement structure at a cost of between \$150,000 and \$200,000. This immense edifice is to be located on the corner of Main Street and Second Avenue, West. Architect F. H. Ellerby, of St. Paul, will submit the sketches for this structure.

#### TENNESSEE

BRISTOL.—Hotel St. Lawrence is soon to have a 45-room, three-story brick annex, fronting on Cumberland Street, according to Col. J. M. Parker, who owns the land on which the new annex is to be built.

KNOXVILLE.—The W. W. Woodruff Hardware Company has purchased a lot on the corner of Jackson Avenue and Humes Street, extending back to the Southern railway. It is said that the company will at once erect a warehouse upon this lot.

MEMPHIS.—It is rumored in real estate circles that the Isele Brothers had about concluded arrangements to build a twelve-story hotel, beginning early next fall. It is said that the hotel might be constructed at Beale and Main Street.

Herman Kahn, president of the Marion Hotel Company, is said to be contemplating the expending of \$200,000 in the erection of an annex to be built in the spring.

#### TEXAS

BAIRD.—Plans are now being made by the School Board to commence the erection of a \$20,000 central school building, to be completed, if possible, by September 1, this year.

CUERO.—The Cuero Commercial Club has received assurance from G. P. Taft, superintendent of the Wells-Fargo Express Company, that a new building will be erected at the Sap depot here.

DALLAS.—Work on the erection of two flats for D. W. Shanks, to be built on Ervay and Beaumont, will begin within

two weeks. The plans for these buildings are being drawn by H. A. Overbeck.

Within three weeks work on a \$20,000 brick office and store building on the corner of Akard Street and Pacific Avenue will begin. Plans for this structure are being made by C. D. Hill & Company. The building will be two stories high. The structure is being erected by Rhodes Baker.

FORT WORTH.—At a meeting of the official board of the Christian Tabernacle it was decided to build the new house of worship at the corner of Magnolia and Alston Avenue.

Sealed bids will be received at the office of M. L. Waller, architect, until March 12, for the erection of an eight-room addition to the Sixth Ward school. Plans and specifications are on file at the above office.

HOUSTON.—Announcement has been made of plans for the erection of a large apartment house on Main Street near Pease Avenue. The property has been acquired by Mr. J. E. McAshan. It is said that he contemplates the erection of a thoroughly modern and up-to-date structure.

PORT ARTHUR.—Proposals for the construction of a three-story business brick building are desired until March 15. For plans and specifications apply to C. A. Logan, architect, Port Arthur.

SAN ANTONIO.—Property at the northwest corner of West Commerce and Flores Street has been bought by Samuel and Solomon Dalkowitz. The property will be improved by Messrs. Dalkowitz with the construction of a four-story building, involving an expenditure of between \$50,000 and \$60,000.

STAMFORD.—Bids will be received for the erection of a three-story brick building, 75 x 165 feet, with basement, to be built in Stamford for Penick-Hughes Company hardware store. Said bids will be opened on March 20 at S. B. Elliott's (architect) office.

VAN ALSTYNE.—The City Council has ordered an election for the purpose of deciding whether this independent school district shall issue bonds for the purpose of building a \$25,000 school building.

#### VIRGINIA

NORFOLK.—L. Berkley has plans drawn for the erection of five houses in Walnut Street, corner Westmoreland, to occupy the property on which the old Berkley homestead stood. The buildings are to be frame, and modern in every respect.

The members of the Berkley Avenue Church are said to be considering the erection of an addition to the present church edifice.

#### WASHINGTON

SPOKANE.—The Odd Fellows of Spokane have had plans drawn for a 20-story skyscraper on its lot at Main Avenue and Wall Street—a lot 70 x 142 feet in size. The huge building, which will cost upward of \$1,200,000, will be called the Railway Exchange.

TACOMA.—It is reported that Architect William Farrell has just finished plans for two modern cottages to be erected on North Junett street in the Badgerow addition.

The Carstens Packing Company is contemplating the expenditure of over \$50,000 in improvements to its big packing plant, including a four-story addition to the main building on the south side, estimated to cost in the neighborhood of \$50,000.

#### WISCONSIN

ANTIGO.—It is stated that plans are being prepared for an addition to the Hoffman house, the addition to increase the guest rooms of the building about 20.

BELOIT.—It is currently reported that Beloit will soon have the sum of \$55,000 available for the erection of the Federal Building.

GREEN BAY.—Fred B. Warren is said to be interested in a scheme to erect a hotel structure in this city. About \$200,000 will be spent for this purpose.

Edward Irmiger, of East Walnut, has closed a deal for the purchase of one lot at the corner of Adams and Doty Streets with George G. Greene, and it is his intention to eventually erect a modern building on the site.

RACINE.—According to current reports, a new English Lutheran Church is to be established here at Quincy and Wright Avenues. The committee appointed on plans are: Arthur Larson, Amandus Markussen, Chas. Knudsen and Andrew Hansen.



# CURRENT NEWS

## SOCIETIES

The Washington Architectural Club had a royal good time on the evening of Tuesday, Feb. 23, when The Thumb Tack Theatrical Troupe presented "Her Future Husband," a cereal comedy in two helpings, supplemented by the hair-raising melodrama, "Handsome Jack: or, the Misery of the Sierras." Quite aside from the plots of the plays—which called for no great brain-work on the part of the audience—the incidental songs, skits and gentle knocks were given a local color in thick, vivid splashes.

"Her Future Husband" was named in the programme as "A Ridiculous Comedy with the Following Ridiculous Cast":

|                                                 |                         |               |
|-------------------------------------------------|-------------------------|---------------|
| Olmstein,                                       | { Associate Architects. | H. C. Meyer   |
| Weissenpimpfel,                                 |                         | J. F. Mathieu |
| Charette, Beaux-Arts Man.....                   |                         | W. P. Rider   |
| Commissioner East, of the District of Columbia, |                         |               |

|                                       |                    |
|---------------------------------------|--------------------|
|                                       | J. C. Wheeler, Jr. |
| Chas. E. Hughes, Gov. of New York.... | R. M. Powers       |
| Hon. John Brown, Client.....          | R. M. Powers       |
| Ben, Porter.....                      | C. E. Parker       |
| Pingle, a Christian Scientist.....    | Ed. H. Brown       |
| Lizette, Stenographer.....            | E. B. Morris       |
| Helen Augusta Wind, Millionairess.... | H. S. McAllister   |

According to the programme the "Plaster Cast" of the hair-raising melodrama was:

|                                      |              |
|--------------------------------------|--------------|
| Rudolpho, Mexican Greaser.....       | R. M. Powers |
| Jack Dalton, a Real Hero.....        | W. P. Rider  |
| Grace Fortesque, a Thoroughbred..... | E. B. Morris |

To Mr. Edwin Bateman Morris belongs the credit for the authorship of both plays, and the lyrics were by him and R. H. Atkinson, H. C. Meyer and F. P. Sullivan.

On the managerial staff were the following: Chairman of building fund committee, George Oakley Totten, Jr.; treasurer, Charles S. Salin; business manager, Leo J. Weissenborn; stage manager, producer of storms, tornadoes, sun rising, etc., D. J. E. Lix; scenic artist, H. C. "Billiken" Meyer; wardrobe mistress, Merwin.

## COMPETITIVE DESIGNS FOR AUTOMOBILE TROPHY

A trophy valued at \$2,000 will be given to the winner of the automobile race from New York City to the Alaska-Yukon-Pacific Exposition in Seattle and a prize of \$250 will be awarded for the best design submitted for this trophy. The trophy is to be of silver. No restrictions are imposed as to character of the design.

All designs are to be submitted to Welford Beaton, care of the Alaska-Yukon-Pacific Exposition, Seattle. They must be in his hands by March 31 and should be accompanied by return postage. The designs submitted will be passed upon by a committee, which will be appointed by the president of the exposition corporation, which committee will award the prize and assure the return of such designs as are accompanied by the necessary postage.

## MUNICIPAL BUILDERS' ASSOCIATION OF NEW YORK OPPOSE THE BILL FOR A CITY ARCHITECT

The Municipal Builders' Association has declared its opposition to the measure before the Legislature providing for a municipal architectural department in New York City. The letter addressed by the association to Mr. Hoey, who introduced the bill, is as follows:

James J. Hoey, Assembly Chamber, Albany, N. Y.:

Dear Sir—The Municipal Builders' Association of Greater New York, after careful consideration of the bill, No. 326, introduced by you, providing for a municipal architectural department in the City of New York, has determined to oppose by all means in its power the enactment of the bill into law, which bill would be very detrimental to the interests of the City of New York. There are reasons which we can sufficiently establish at the proper time before the legislative committee, and we request that a hearing be given us on this bill, providing you do not see your way clear to withdraw it at once.

## PERSONAL

Messrs. A. Van Brunt & Bro. announce that on March 1, 1909, Mr. Ben J. Lubschez became a member of the firm, and that the practice of architecture will be continued at 200 Reliance Building, Kansas City, Mo., under the firm name of A. Van Brunt & Co.

Mr. J. Adam Fichter, architect, informs us that he has opened an office in the Savings & Loan Building, Akron, Ohio, for the practice of his profession. He desires catalogues and samples.

## BOOK NOTE

LAW AND BUSINESS OF ENGINEERING AND CONTRACTING, with numerous forms and blanks for practical use. By Charles Evan Fowler, C. E. 162 pp., 6 x 9 inches, full cloth. Price, \$3.00. New York: The McGraw Publishing Co., 231 W. Thirty-ninth street.

The opening chapter in this book deals with the much discussed question, that of the relation between the engineer and the contractor. A careful reading of these pages will, we feel sure, tend to a better appreciation on the part of both parties to the discussion, and insure a better feeling, as they may come together on contract work, which is a consummation devoutly to be wished.

The remaining chapters are an elaboration of a series of lectures delivered to the engineering students of the University of Washington. They treat of ordinary forms of contracts and specifications, special forms, the inspection and bidding of engineering work, with a concluding chapter on the organization of contract work.

The volume is one of greatest help to the engineering

students, and much will be found in the book that will prove useful to the practicing engineer.

The forms of contracts, specifications and blank business forms are in themselves worth the price of the book.

## INDUSTRIAL

### AMERICAN ART MARBLE

It is a credit to American ingenuity that a manufactured marble has been produced that, in color, texture and artistic effect, so imitates the genuine as to permit their use side by side. The colored veinings, the luster and the depth, and, what is more, the *feeling* of the genuine, appear to have been secured in this manufactured article.

Its application is claimed to be possible, when the weight of genuine marble would prevent its use, instances being cited in its use for columns, pilasters, wainscotings, cornices, ceiling beams and panels, and other forms. Even the most delicate mouldings and enrichments are said to be possible with this manufactured marble.

An instance is given of a column thirty feet high, four feet in diameter, where this material was built around a structural iron column, and, as it had no unsightly seams and joints that would appear in natural marble, presented the appearance of having been turned from a solid block.

The American Art Marble Co., of Philadelphia, manufacturers of this material, have issued a handsomely illustrated pamphlet which shows in actual colors five varieties of marble in most common use, together with many illustrations of State, municipal, business and private buildings of much importance, where this marble has been extensively used.

This catalogue may be had on application.

### ELECTRIC LIGHTING CONTROL

In the extensive increase in the use of electrical appliances, the architects and the contractor, in the construction of the modern building, are often obliged to spend much time and thought in determining the best method for the distribution and control of the electric light and power service.

The Pettingill-Andrews Co., of Boston, Mass., in addition to an extensive line of electrical machinery already referred to in these columns, are makers of the P. & M. Remote Control Switch, which is intended to simplify wiring systems.

The advantages claimed for this switch are set forth in a pamphlet describing with many illustrations its possibilities and application, not only to business buildings, but theaters, churches and residences.

The catalogue may be had for the asking.

### TO PROTECT CONCRETE EDGES

The protection of exposed corners of concrete edges, where by reason of traffic or carelessness they are liable to become broken, has been the subject of much inventive skill.

A very efficient method, and one that would seem to fill the requirements of adaptability, is the Wainwright

system, made by the Steel Protected Concrete Co., Real Estate Trust Building, Philadelphia, Pa.

This system is made of galvanized steel Tee bars, with dovetailed webb. The bars are made in two sizes; No. 1 for curb work and heavier uses; No. 2 for steps of narrow tread, light traffic and the corners of small columns.

The Steel Protected Concrete Co. invite correspondence regarding the use of this corner bar, of which a large stock is carried to insure prompt delivery.

### SOME REQUISITES MADE OF STEEL

Messrs. J. B. Prescott & Son, of Webster, Mass., are manufacturers of an interesting line of goods made of steel.

There is the Ruty steel wall plug, a most desirable form of nailing base for interior finish in brick and concrete construction, and the Ruty steel non-furring plug, a most ingenious way of securing metal lath, obviating the necessity for furring.

The Morse steel wall ties, veneer ties and steel anchors, are all requisites in efficient modern construction, while the Prescott steel corner bead places at the disposal of the builder a sure method of protection for plaster corners.

This line is shown by many illustrations in a pamphlet issued by J. B. Prescott & Son, which will be sent on application.

### HARD PLASTER

The United States Gypsum Co., whose offices are located in New York, Boston, Chicago, Cleveland, Minneapolis and San Francisco, have issued from the Information Bureau much interesting and instructive literature describing the several well known brands of hard plaster made by them.

They invite correspondence from builders and others interested, as they feel sure with technical knowledge, based on much experience, they can help the prospective user to select the best plaster to secure specific results.

### ELEVATORS FOR PASSENGERS AND FREIGHT

It has been many times interestingly demonstrated that the problems involved in handling the elevator traffic of a large office building are as many and varied as those that beset the management of the surface lines before the days of electricity.

Safety and speed are the first requisites of modern elevator service. To these must be added capacity. These questions of efficiency have engaged the attention of elevator manufacturers and commanded the skill of the best engineers.

The result of this experience is interestingly shown in an illustrated catalogue, issued by Kaestner & Co., 241 Jefferson Street, Chicago. This firm are builders of a full line of electric elevators, including the traction and double-worm and spur-gear tandem type. They also build vertical, horizontal and plunger types of hydraulic elevators, all of speeds and capacities as desired.

The catalogue referred to illustrates many special installations and can be had upon request.

# BUILDING NEWS

## ALABAMA

**DOTHAN.**—Proposals will be received by Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., April 5, 3 P. M., for the construction, including plumbing, gas piping, heating apparatus, electric conduits and wiring, of the U. S. postoffice building.

## ARKANSAS

**LITTLE ROCK.**—The Exchange National Bank, of which C. A. Pratt is president, will erect an 11-story bank and office building on the old Fones property, which was recently purchased for that purpose. John Gaisford, of Memphis, will be the architect.

The Citizens' Bank will soon award a contract for the erection of a six-story office building; structure will be erected at Second Avenue and Pine Street, and will cost \$200,000.

## CALIFORNIA

**AUBURN (Placer County).**—Funds are being collected by the Catholic congregation for the erection of a \$30,000 church; plans call for an all-stone building of Gothic architecture. Rev. Richard Vereter is Rector.

**FORT MASON.**—A site for an Army Department headquarters building has been selected by Major-General J. F. Weston. Structure will be three stories, and cost \$100,000.

**FERNDALE.**—Bids will be received until April 1, noon, by the board of trustees of the Town of Ferndale for constructing a reinforced concrete library building. Warren Skillings, 404 F Street, Ferndale, is the architect; G. W. Dungan, clerk.

**SAN FRANCISCO.**—The California Promotion Committee and the Merchants' Association are urging the need of a municipal auditorium; cost, \$750,000 to \$1,000,000. Rufus Jennings, chairman, Promotion Committee.

E. A. Blangure has purchased a site at the corner of Clay and Taylor Streets and will expend \$30,000 in the erection of a high-class apartment house.

## CONNECTICUT

**BRIDGEPORT.**—Vincent Bros., coal dealers, have purchased property at the corner of State Street and Bassick Avenue, and will erect a handsome business block on the site this spring; architect has not yet been selected.

Architect Ernest G. Southey has been commissioned to prepare plans for a handsome residence for Judge John S. Pullman, to be built in the Brooklawn district.

**HARTFORD.**—A. A. Welch, T. S. Weaver, T. F. Kane, A. W. Gilbert and F. L. Ford, a special committee on technical high schools, have recommended the erection of the entire building as a unit and the adoption of plans by Architects Davis & Brooks, of Hartford, which were selected in competition; total cost, \$790,000.

**WATERBURY.**—Architects Freney & Jackson are drawing plans for a new brick block to be erected on Brook Street for Thomas H. Hayes. Block will furnish accommodations for two stores on the first floor, a large storehouse on the second floor, and six tenements above.

## DISTRICT OF COLUMBIA

**WASHINGTON.**—To provide for a building in Washington for the Geological Survey and the Reclamation Service, a provision for which was stricken out of the sundry civil bill on a point of order, Representative Batholdt, of Missouri, has introduced a bill appropriating \$1,500,000 and authorizing the immediate expenditure of \$100,000 for preparing plans.

Proposals will be received by H. L. Pettus, Construction Quartermaster, Takoma, March 31, for the construction of one garage and wagon shed at the Walter Reed Army General Hospital.

The Ashbury A. M. E. Church is considering plans for the erection of a new church, at a cost of \$60,000. Rev. E. S. Williams, district superintendent.

Andrew Carnegie has just authorized Justice Job Barnard, President of the Board of Trustees of Howard University,

to draw on him for \$50,000 as his part of the construction fund for the new library at the university. The library is a structure badly needed by the university, and construction will be begun as soon as possible. A committee, of which Chief Justice Peelle was chairman, employed the firm of Whitfield & King, of New York, as architects; preliminary drawings have just been submitted.

## FLORIDA

**TAMPA.**—Council has passed a resolution requesting the Board of Public Works to ascertain the cost of erecting a City Hall in order that the amount may be embodied in a bond issue.

## GEORGIA

**ATHENS.**—Plans are being drawn by Charles Peabody, of New York, for the Alumni Y. M. C. A. building, to be erected on the campus of the University of Georgia, at a cost of about \$100,000. Messrs. J. W. Barnett and E. J. Boudmant comprise the building committee.

**FORT OGLETHORPE.**—Bids will be received by John M. Morgan, Constructing Quartermaster, April 8, for construction of one field officers' quarters and one double set of lieutenants' quarters.

## IDAHO

**KOOSKIA.**—C. A. Day, of Chicago, and W. J. Bell, of Newaygo, Mich., will build a \$1,000,000 pulp and paper mill on the upper Clearwater River. The site has been purchased and large tracts of timber acquired; they will dam the Clearwater River to get power for the big plant.

## ILLINOIS

**NORTH CHICAGO.**—Bids will be received April 26, noon, by J. E. Pillsbury, chairman of Bureau of Navigation, Navy Dept., Washington, D. C., for the construction of a Commandant's house and six houses for officers' quarters at the Naval Training Station.

**STREATOR.**—Contracts will be let very soon for the erection of three new buildings at the Streator Motor Car Company's plant, improvement will aggregate a \$10,000 expenditure.

## INDIANA

**ELKHART.**—The St. Joe Ice Company will erect a \$35,000 artificial ice plant very soon. W. H. Russell is prime mover.

**FORT WAYNE.**—The English Lutheran Church of the Redeemer has appointed Wm. F. Vergeus, Thomas Baxter and W. S. Lindberg a committee to take charge of the erection of a new church edifice; total cost, \$35,000.

**INDIANAPOLIS.**—The Board of Public Works will erect a \$45,000 engine house on a site on South New Jersey Street and a \$15,000 to \$18,000 one on the North Side.

**MISHAWAKA.**—Funds have been secured for the proposed new hospital which will be erected by the Sisters of the Poor Maids from St. Agnes' Convent. Work will begin about May 1; cost, \$40,000.

**OXFORD.**—The Town Board will erect a \$30,000 schoolhouse this summer.

**SOUTH BEND.**—Mrs. Minerva J. Good has set aside 36 acres for the founding of an Old Ladies' Home; a building will be erected and equipped at a cost of \$100,000.

## IOWA

**DAVENPORT.**—Architects G. A. Hanssen and D. J. Harfat are preparing plans for a new storage warehouse for the Mueller Lumber Company.

## KANSAS

**GREAT BEND.**—Hickman and Wilson, of the Berlin Theatre, will be the managers of the proposed new theatre, which will be erected at a cost of \$20,000.

## KENTUCKY

**LOUISVILLE.**—Plans for the construction of a stag apartment house at Second and Guthrie Streets are being prepared for George W. Cuscaden, president of the Cuscaden Ice Cream



Company; building is to be three stories high, and will have a number of suites of two rooms and bath.

An office building to cost \$20,000 will be built by the C. C. Mengel Box Company this spring; plans are now being prepared, and the work of construction will soon begin; building will be located at Twelfth and Dumesnil Streets.

#### LOUISIANA

NEW ORLEANS.—The Frisco & Southern Railway will petition Council for a franchise to allow them to replace their present terminal passenger station by a mammoth affair covering a block and with skyscraping office buildings attached; terminal company desires to build a union station which will extend from the lake side of Basin Street to North Rampart Street, with a depth of probably 1,000 feet. It would be of skyscraper design, ten or twelve stories in height, and the upper floors would afford office facilities for the railways using the terminals.

#### MARYLAND

BALTIMORE.—Plans for the new skyscraper to be erected by the Fidelity and Deposit Company of Maryland at Charles and Lexington Streets, have almost been completed by Baldwin & Pennington, architects, and work on the proposed structure will begin in the early spring; new building will be one of the largest and finest office buildings south of Philadelphia and is expected to be finished within a year and a half; cost \$500,000.

The Architectural Commission has approved plans for No. 14 Truckhouse, to be erected on Gorsuch Avenue. Charles M. Anderson is the architect. Bids for the building will be asked for.

Building Inspector Preston has been authorized to prepare plans for the new fireboat quarters, to be erected on the end of Pier No. 7; building will cost \$15,000.

The Supervisors of City Charities have approved plans for group of hospital buildings to be erected at Bayview Asylum; group will consist of four structures; first will be erected this year, at cost of about \$100,000, and will accommodate about 100 patients; at least a total of \$500,000 will be expended.

#### MASSACHUSETTS

BOSTON.—Faculty, undergraduates and alumni of Wesleyan are considering the advisability of establishing a woman's college in the near future; at least \$250,000 will be expended on new buildings. Dr. J. M. Buckley is chairman of the committee having the project in hand.

FITCHBURG.—The City Property Committee is considering a substantial remodeling of the city hall building.

GLOUCESTER.—Plans are being prepared for an up-to-date hotel which will be erected on the site of the Colonial Arms Hotel, which was destroyed by fire; twenty or thirty cottages will also be erected in the immediate vicinity of the building. G. O. Stacey, proprietor of the Hawthorne Inn, is the moving spirit in this enterprise.

HOLYOKE.—The Union Club has purchased a site at the corner of Sargeant and Commercial Streets, and will erect a three-story clubhouse. John Reid, Jr., is president.

NEW HAMPTON.—A. F. Keusman, Secretary Library Board, will receive bids March 25, noon, for the erection of a library building, on plans by O. A. Hougland, architect, of Chariton.

WESTFIELD.—Dr. H. D. Chadwick, of Pittsfield, Vt., is directing the designing of the new State Tuberculosis Hospital; work will begin about April 1; \$94,000 is available for the erection and equipment.

#### MICHIGAN

CADILLAC.—The Special Building Committee of the Swedish Lutheran Society has adopted the plans and specifications submitted by Architect J. C. Peterson, of Traverse, for the proposed new house of worship; cost, \$12,000.

SAGINAW.—Proposals will be received by the State Military Board, at office of adjutant general, Lansing, March 29, 1 P. M., for the erection of an armory building; plans may be obtained from W. T. Cooper and Sons. Jas. N. Cox, secretary.

#### MINNESOTA

MINNEAPOLIS.—The Hennepin Methodist Episcopal congregation, Rev. A. Gillies, pastor, has not yet selected an architect to plan its \$200,000 church.

ST. PAUL.—The West End Commercial Club will erect a \$25,000 club house; architect not yet selected.

#### MISSISSIPPI

LONG BEACH.—The Long Beach Methodist Church has passed a resolution authorizing the sale of the present church and lots, and a building committee has been appointed to devise ways and means and plans for the erection of a \$15,000 church on the beach lot, which has been purchased. Rev. L. E. Alford, pastor.

PONTOTOC.—R. H. Hunt, Chattanooga, Tenn., has prepared plans for \$25,000 school building. W. E. Whiteside, Mayor.

STARKVILLE.—A first-class three-story up-to-date hotel will soon adorn the city. It will be built of brick and complete in every appointment; cost, \$25,000. Mayor H. A. Beattie, promoter.

VICKSBURG.—A \$14,000 amphitheater and annex to the State Charity Hospital will be built at once to accommodate the University of Mississippi medical students, who will begin their studies here in September.

#### MISSOURI

FORSYTH.—Ozark College will erect a \$10,000 two and one-half-story president's residence; architect not yet selected.

KANSAS CITY.—The Columbia Amusement Company has not yet selected an architect for its proposed \$150,000 theatre.

#### NEW JERSEY

BERNARDSVILLE.—Citizens are considering the problem of bonding the township to erect a \$40,000 high school building.

HACKENSACK.—Jas. Ruly Gorden, architect, 402 Fifth Ave., Manhattan, has completed working plans for the Bergen County Court House; bids will soon be advertised.

HARRISON.—The West Hudson County Trust Company is soon to have a classic and artistic banking house in place of the present corner which it has temporarily occupied since it was started some years ago; new building will be located on Harrison Avenue. Plans are now being prepared by Architects Mowbray & Uffinger, of No. 92 Liberty Street, Manhattan.

JERSEY CITY.—Bids will be received March 25, 9 p. m., for all the labor and materials required for the enlargement and improvement of School No. 15, Dwight Street; also for School No. 33, Clendenen Avenue. John T. Rowland, Jr., 15 Exchange Place, architect. Fred Ege is secretary of the Board of Education.

The Duncan Realty Company will erect a four-story casino on Summit Avenue at a cost of \$50,000. Jos. H. Rudiger, No. 880 Summit Avenue, is president of the company.

MILLVILLE.—The Board of Education is considering final plans for the erection of the new 16-room Grammar School for which Council has appropriated \$48,000.

NEWARK.—The Young Men's Christian Association will erect a six-story addition at the rear of present building. J. Harry Bachellor, E. R. Denny and H. H. Dawson have been appointed as a building committee.

The American Concrete Steel Company has designed a five-story building of concrete and steel construction that will be erected on the property at Halsey and Court Streets, recently purchased by R. W. Littell; approximate cost is \$35,000.

The Mutual Distributing Company is planning to erect a six-story brick fireproof warehouse and rectifying building in Lafayette Street, near Broad, the approximate cost being \$25,000.

PALMYRA.—The Board of Education has not yet selected an architect for its proposed \$25,000 two-story school building. F. S. Day, secretary.

PERTH AMBOY.—J. S. Hanson, 54 Brunswick Avenue, is considering the erection of a seven-story building on Madison Avenue; cost \$150,000.

Architect J. K. Jensen has plans under way for a big varnish producing plant for the New Jersey Wood Finishing Company, in the western part of the city.

SPRING LAKE BEACH.—Henry Welsh Rogers, of Rogers, Holloway & Co., 1 Broadway, New York, will erect a \$65,000 summer residence in Spring Lake; building will occupy the center of a block of 14 lots, and will face on Ocean Avenue.

TRENTON.—The Legislature has passed a bill authorizing the Board of Freeholders of Mercer County to build an addition to the County Workhouse; bonds will be issued.

Plans are being prepared by Messrs. Klemann and Fowler for a 2½-story stone and brick residence to be erected on Perdicas Avenue; structure will cost \$10,000.

### NEW YORK

**CENTRAL ISLIP.**—Bids will be received by the State Commission in Lunacy March 24, 3 p. m., for construction of Nurses' (Attendants') Home, including heating, plumbing and electric work, and for glass enclosures for verandahs, at the Central Islip State Hospital. F. B. Ware is State Architect. T. E. McGarr is secretary.

**JOHNSTOWN.**—Bids will be received by Henry Veghte, chairman of the School Board, April 6, 2 p. m., for furnishing the necessary labor and materials required for the construction and completion of a high school building; work will be divided as follows: Mason, structural iron, ornamental iron, carpenter, painting and glazing, roofing, electric, plumbing and heating work; bids will be received separately for each of above branches, or one bid for entire work may be submitted. Fuller & Pitcher, 95 State Street, Albany, are architects.

**NEW YORK.**—Max Zipkes is preparing plans for two six-story brick flats to be erected on 173d Street for Jas. E. Eldon, at a cost of \$60,000.

Meville & Bagge, architects, have prepared plans for a four-story flat to be erected on Trumby Avenue for Ernest W. Mungnaro; cost, \$25,000.

Henry Korn has purchased a site on West Thirty-seventh Street and will erect twelve-story offices and stores.

E. De Forest Simmons is forming a syndicate to build a 12-story co-operative apartment house to replace the old Lorimer and Boston houses, West 59th Street; operation involves \$1,000,000.

Plans have been filed by McKim, Mead & White for enlarging the new Tiffany Building on Thirty-seventh Street, at a cost of \$100,000.

City will expend \$17,000 on remodeling the pergola in De Witt Clinton Park, from the designs of Architect T. C. Videto.

Proposals will be received by Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., April 3, 3 p. m., for the construction of foundation to the extension and remodeling of the United States Assay Office building, New York City.

A. Van Horne Stuyvesant will enlarge the two-story private stable, No. 146 West 57th Street, into a garage, adding a new third story. Improvements are to cost \$15,000 from designs by Albert Morton Gray, architect.

Supreme Court Justice Fitzgerald has granted permission for the minister, elders and deacons of the Reformed Dutch Church in Garden Street, now of 38th Street and Madison Avenue, to sell the corner of 83d Street and Park Avenue; proceeds will be used to acquire a larger plot at the corner of 85th Street and Park Avenue, as the site for a new church, rectory and parish house.

Trowbridge and Livingston, architects, have prepared plans for a two-story brick laundry to be erected on Riker's Island, cost, \$20,000.

Society Chel Torah will enlarge its school, 802 Sixth Street, by adding the adjoining three-story house and building an ornamental façade for the united buildings. Gross & Kleinberger, architects.

Four-story lofts will be built at 406 West Twenty-fourth Street for Mrs. Amalia Giol de Commons, of Jersey City, at a cost of \$18,000. A. G. Rechlin, the architect, has filed plans.

The Standard Lithograph Company, O. J. Schwarzler, president, will erect a three-story brick factory on Brook Avenue, at a cost of \$30,000. A. J. Schwarzler is the architect.

Architect H. J. Feiger has prepared plans for six-story flats and stores to be erected for J. Tannenbaum on Grand Street at a cost of \$23,000.

St. Joseph R. C. Church will build a four-story brick school on Washington Avenue from the plans of Architect J. E. Kirby; structure will cost \$60,000. Rev. Peter Farrell, Rector.

Tremont Temple Congregation, Gates of Mercy, has received plans from Architect J. E. Kirby for a one-story brick synagogue to be erected near Burnside Avenue at a cost of \$30,000.

**NIAGARA FALLS.**—A new vaudeville theater is to be erected on North Main Street by the North End Amusement Company; structure will cost between \$25,000 and \$30,000 and the plans

for it are about completed. The North End Amusement Company.—The Postoffice Department has selected a site on Main Street for the proposed \$50,000 postoffice building.

**POUGHKEEPSIE.**—The Campbell Hall Presbyterian congregation, Rev. Wm. B. Johnson, pastor, will erect a one-story and basement church; architect not selected.

**ROCHESTER.**—Architect A. B. Headley is preparing plans for a first-class apartment house to cost \$75,000. It will be erected at 123 North Street by B. S. Meyer, of the German-American Realty Company.

**SCHENECTADY.**—The plans for the proposed county building to be erected in State Street, opposite Crescent Park, have been placed before the Board of Supervisors. W. L. Stoddart, of New York City, is the architect; cubical contents of the new design is 800,000 cubic feet. The old design had a cubical contents of 1,450,000 cubic feet. The cost of the present proposed building is not to exceed \$400,000, which includes the

The First Congregational Church will begin work in the spring on a new \$40,000 church building which will be erected at Rugby Road and Parkwood Boulevard.

### NORTH CAROLINA

**GREENSBORO.**—The St. Andrew's congregation has purchased a lot and will erect a church in the near future. Architects are requested to submit sketches or plans for the proposed structure. Rev. Samuel R. Guignard, rector.

### OHIO

**COLUMBUS.**—W. K. Williams, secretary of the Mercy Hospital Association, will soon invite bids, according to present plans, on the new \$25,000 addition to the Mercy Hospital at Southwood and High Streets. Architect Dauben has prepared the plans; building will be four stories high, of brick and stone, and contain all modern appliances.

Another addition to the factory of the Columbus Oil Cloth Company will be built in the spring. The plans have not yet been prepared.

A big factory building, 90 by 300 feet, of brick and steel construction, will be erected as an addition to the plant of the Kinnear Manufacturing Co., located at the Big Four tracks, near Fifth Avenue. Architects Richards, McCarty & Bulford have completed the plans and work will commence as soon as the company decides exactly on the plans, so that bids may be received.

**CONSHOCTON.**—Architects Marriott & Allen have been selected by the Board of Education to draw plans for an eight-room modern school building.

**MARION.**—Proposals will be received by Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., April 7, 3 P. M., for the construction, including plumbing, gas piping, heating apparatus, electric conduits and wiring, of the U. S. post office building.

**TOLEDO.**—Zehner Brothers Packing Company will expend \$100,000 in the erection of a five-story building for cold storage and a three-story tank house.

### OKLAHOMA

**OKLAHOMA CITY.**—The American National Bank will erect a \$350,000 building on the corner of Main and Robinson Streets; contracts for seven floors will be awarded after April 1.

**PAWHUSKA.**—Bids will be received April 6 by the Commissioner of Indian Affairs, Department of the Interior, Washington, D. C., for furnishing material and erecting a dormitory at the Osage Indian School.

### PENNSYLVANIA

**CORRY.**—The United States Brake Shoe & Foundry Company is considering the erection of a foundry building, but has not yet selected an architect.

**HARRISBURG.**—Chairman Garland has informed the School Board that the Special Committee on High Schools has practically decided that a new building is needed on the ground about the Technical High School and that sketches of this building are being drawn by the school instructors.

**PHILADELPHIA.**—The City Hall, which cost more than \$24,000,000 to build, and which has 634 rooms, is already inadequate for the city's needs, and the joint committee of councils which was appointed to consider the matter has prepared a report recommending that a temple of justice, to cost \$5,000,000, be erected to relieve the congestion.



Mcllvain & Roberts, architects, have plans about finished for a three-story stone house to be built in Ardmore for Rollin Norris; structure will be of Colonial style and will cost about \$15,000.

Charles L. Hoffman, architect, of this city, has finished plans for a three-story and basement hotel to be built in Sea Side Park, for the Sea Side Park Hotel Company; plans provide for a structure 125 x 150 feet in dimensions, to cost about \$80,000; only a portion of it will be erected this season.

Rankin, Kellogg & Crane, No. 1012 Walnut Street, are preparing plans for a large addition to the Second Regiment Armory on Broad Street; extension will give additional space, 100 x 160 feet to the drill floor.

Horace W. Sellers has finished plans for a \$20,000 house to be built in Villanova for E. F. Saxman.

The Henry Phipps Institute for the Treatment of Tuberculosis has purchased a number of properties at Seventh and Lombard Streets as a site for a proposed new building which will be erected at a cost of \$300,000.

Architect Henry L. Reinhold is preparing plans for a three-story library building to be erected on the campus of the Academy of the new church at Bryn Mawr; cost, \$60,000.

PITTSBURG.—The Apple Avenue Presbyterian congregation has purchased a site on Lincoln Avenue and will begin the erection of a \$25,000 church in April. Rev. D. P. MacQuarrie is Pastor.

SCRANTON.—Architect John A. Duckworth is preparing plans and specifications for a double store building to be erected by P. P. Jordan & Company, candy manufacturers, on North Main Avenue; building will cost about \$5,000.

The old Penn Avenue Baptist Church will start work in the spring on the erection of a new church for Jefferson Avenue; cost, \$125,000. Rev. W. M. Walker, D.D., pastor.

VERONA.—H. A. Lord, of Oakmont, is designing plans for a \$30,000 temple for the Masons of this city.

WILLIAMSPORT.—Charles Goodbrod, proprietor of the Eagle Hotel, will erect a \$12,000 boarding stable in the vicinity of the City Hall; building will be substantially constructed along attractive lines.

#### RHODE ISLAND

PROVIDENCE.—The Metacomet Golf Club has decided to issue \$25,000 bonds for the entire remodeling and enlargement of the clubhouse and improvement of the grounds.

#### TENNESSEE

KNOXVILLE.—The plans of Gredey & Lynn, architects, for the new McMillen school building, have been accepted by the School Board Committee of Council; contract, representing an outlay of \$10,000, will be let in a short while.

MEMPHIS.—The Legislative Council has passed an ordinance authorizing the issue by the Board of Education of \$500,000 bonds for the providing of two school buildings for the city.

#### TEXAS

CLARENDON.—The M. E. Church, South, Rev. O. P. Kiker, pastor, will receive competitive designs for a church, to cost not more than about \$35,000 nor less than \$30,000; building will be of Colonial design and built of brick; main auditorium will seat 750. W. D. Van Eaton, chairman Building Committee.

The Trustees of Clarendon College desire plans for a three-story dormitory for girls; cost, \$30,000. C. N. N. Ferguson, Box 63.

DALLAS.—The congregation of the First Presbyterian Church is considering the sale of the present house of worship and the erection of a larger and more modern structure; cost, about \$100,000.

Bids will be received March 29, 9 A.M., by Hon. K. K. Leggett, president Board of Directors of the A. and M. College, for furnishing labor and material necessary to erect an experimental station. F. E. Giesecke, architect.

Funds have been provided for the \$50,000 building which the Southern Methodist Church will erect on forty acres of land already purchased in Oak Cliff.

FORT WORTH.—Plans for St. Andrews Episcopal Church, to be constructed at the corner of Jackson and Lamar Streets, at a cost of \$65,000, have been accepted, and work will begin as soon as practicable.

GAINESVILLE.—The Presbyterian Church, of this city, of which Dr. R. L. Irving is pastor, will begin in a short time to erect a handsome new brick church to cost upward of \$20,000. The old Cumberland Church on South Denton Street will be torn down and the new building will be erected on the site.

GALVESTON.—Bids will be received March 25, noon, for the erection of a fire engine house. V. E. Austin is commissioner of streets and public property.

ORANGE.—Work will begin on the addition to the Orange Yellow Pine Paper Mill early in May; plans call for an expenditure of \$200,000.

SAN ANGELO.—Two lots on Chadbourne Street have been sold to O. F. Flowers and J. B. Stewart, late of Eagle Lake, who contemplates the erection of a two-story steel structure to cost \$20,000.

SAN BENITO.—Edw. E. Cox, secretary of the San Benito Sugar Company, has announced that the construction of a \$500,000 sugar mill will be begun here in a few weeks.

#### UTAH

SALT LAKE CITY.—Patrick Gibbons has purchased a site on Third and South Streets and will at once erect stores and apartments on the grounds.

Bids will be received by the Commercial Club, April 15, for the erection of a six-story, fireproof clubhouse. Ware & Treganza, No. 610 Utah Savings Building, architects; Fisher Harris is secretary.

#### VIRGINIA

DANVILLE.—The State Corporation Commission has authorized the Dan River Power & Manufacturing Company to increase its capital stock to \$3,500,000; money derived from stock issue will be used to enlarge model plant at Schoolfield.

NORFOLK.—If the present plans of the Navy Department are carried forward to a conclusion, additional improvements which will entail an outlay of \$75,000, are to be made to the Naval Hospital; improvements include two new wings.

PORTSMOUTH.—Calvary Baptist Church, Scottsville, has decided to erect a new house of worship which will cost \$25,000.

#### WASHINGTON

BREMERTON.—The site on which the city hall now stands has been sold to McElroy & Straub, retail grocers, who will immediately erect a \$25,000 building.

SEATTLE.—Studebaker Bros. Company, Northwest, has purchased a site and will at once erect a two-story brick structure to be used as an automobile repository, salesroom and warehouse.

John M. Moran has purchased a site on the Seattle Tidelands and will erect a four-story reinforced concrete building at a cost of \$50,000.

Plans are being prepared by Architect J. O. Taft for a six-story building to be erected on First Avenue for J. H. Steele; structure when completed will cost \$135,000.

TACOMA.—If plans which have been started materialize, the Tacoma Commercial Club will have for its permanent home a magnificent 12-story office building to be erected at a cost of \$500,000; first step in getting for Tacoma a modern, steel construction. Local business men are to raise \$200,000 to purchase a site for the Gillies Imperial Building, which is to be 24 stories high.

The Nickerson-McFarlane Machinery Company will erect a modern machinery and foundry building at a cost of \$10,000.

Heath & Twichell are at work on the plans for the National Realty Company's proposed sixteen-story office building, which will be erected on the site of the Kansas block on Pacific Avenue, near Twelfth Street. Ground will be broken for this building about June 1.

#### WISCONSIN

MILWAUKEE.—The Odd Fellows' Realty Company has purchased a site on 12th Street for the erection of a three-story \$50,000 temple for the Independent Order of Odd Fellows.

#### WEST VIRGINIA

WHEELING.—The Commercial Bank, No. 1330 Main Street, is having plans prepared for very extensive improvements, including the remodeling of the building.



## CURRENT NEWS

### WHERE WE GET OUR MAHOGANY

For refined expression in the manufacture of furniture and all other forms of interior decoration, mahogany is undoubtedly the peer of the hardwoods. No wood is so universally used to-day for this purpose in every city and country of the world; no wood is so freely and successfully imitated.

America's architects and men of the furniture and cabinet-making industries draw heavily upon the markets of the world in the struggle to supply an ever-increasing demand for genuine mahogany. Hundreds of tons of logs annually are imported into this country and worked into beautiful forms to grace fine homes or dignify the interior of public buildings, large hotels or railway cars.

A few years ago mahogany was regarded as a very precious wood, and was employed only in the interior of the finest houses and in the manufacture of the most expensive furniture. During the past few years, however, there has been a wonderful development in mahogany importation and use.

The total quantity of mahogany imported last year was nearly 42,000,000 board feet. Of this large amount North America supplied 65.6 per cent. and Europe 18 per cent.

Though Europe supplied only a little more than one-fourth as much mahogany as there was imported from North America its average value per thousand feet was more than twice as much, due to finer quality. The remainder of the imports came from Africa, South America, and Asia.

Mexico furnished 46.2 per cent. of the mahogany coming from North America, Nicaragua followed with 10.2 per cent., British Honduras with 15.5 per cent., Cuba with 8 per cent., and Honduras with 7.4 per cent. Other Central American countries furnished the small remaining percentage.

### LARGE DECORATIVE PAINTING FOR A NEW YORK CHURCH

One of the largest paintings ever made in the United States, on a single stretcher, is a mural painting by W. L. Harris. The subject is the Crucifixion and the canvas measures fifty-five feet by twenty-five feet. The canvas, woven in one piece, was made in Holland. This painting is for the Church of St. Paul the Apostle, at Columbus Avenue and Sixtieth Street.

Mr. Harris has been working on his sketches for three years and is doing all the work with his own hands, even to filling in the background. He has given attention to every detail, for the painting is to be placed just back of the great gallery over the entrance to the church.

### MASSACHUSETTS INSTITUTE OF TECHNOLOGY SUMMER COURSES, 1909

The Massachusetts Institute of Technology offers summer instruction during the months of June and

July, supplementing the work of the regular school year. The requirements for admission, and in general the work performed and the final examinations are expected to correspond with those of the regular school year, and similar records and reports will be given. In case such a final record is based on an examination, no student taking the examination for the purpose of making up a condition will be entitled to admission to the September examination in the same subject.

Bulletin No. 2, Volume 44, issued by the institute, and which may be had on application, gives schedule and full particulars of this course in architecture and other subjects.

### THE DANGER OF FIRE IN EARTHQUAKE ZONES

It now seems certain that the dirge of the newspaper correspondents—"Messina is no more; Messina is blotted out and will never rise again"—was a little premature; for the inhabitants and the Italian Government have other ideas, and despite the treacherous nature of the soil on which they live, are determined that Messina *shall* rise again. Already the task of excavating the ruins is begun; this work and the removal of the many bodies which, alas! are still lying under the debris, must occupy a considerable amount of time. Plans for the rebuilding of the city are being discussed; commissions are being appointed to consider the most suitable form of structure for the troubled area, and the experience of other countries subject to earthquake shocks will doubtless be considered in formulating a decision. But in most of the discussions that have ensued, as a consequence of the recent terrible disaster in Calabria and Sicily, small attention appears to us to have been bestowed upon the important question of fire, which invariably follows in the track of severe and destructive earthquakes, and which, in the case of San Francisco, created greater havoc than the seismological disturbance.—*The Builder* (London).

## SOCIETIES

### INDIANAPOLIS ARCHITECTS ORGANIZE

After many unsuccessful attempts the architects of Indianapolis have at last perfected an organization. It is hoped in time to complete a State organization, of which the present society will form the nucleus.

The officers of the newly-formed association are: Arthur Bohn, president; Clarence Martindale, vice-president; Henry Dupont, secretary and treasurer; Wilson B. Parker and Anton Sherrer, directors. The other members are Hermann Sherrer, Adolph Sherrer, R. P. Daggett, James B. Lizius, D. A. Bohlen, W. Scott Moore, Henry C. Brubaker, Philip N. Stern, Elmer E. Dunlap, Charles G. Mueller, Herbert L. Bass, Herbert Foltz, G. A. F. Rigg, Charles A. Wallingford and Charles H. Byfield.

## BOOK NOTE

THE PORTLAND CEMENT INDUSTRY FROM A FINANCIAL STANDPOINT. By Edwin C. Eckel. Cloth, 6x9 inches, 95 pp. New York: Moody's Magazine.

As its name would indicate, this work is addressed more to the prospective investor in cement securities than to the architect or builder. At the same time, the progressive man who desires to become thoroughly informed will find in Mr. Eckel's book much of interest.

As stated in the preface, the object of the work is to enable either banker or investor to differentiate between securities offered against successful existing plants or sound projects, with reasonable prospects of success, and those issued against foolishly planned or fraudulently promoted propositions.

The importance of the cement industry is now so thoroughly recognized that, like all successful enterprises, it affords an opportunity for unscrupulous promoters to snare into investment parties not thoroughly conversant with the exact state of the subject. We believe that familiarity with the facts as set down by Mr. Eckel will enable the investor to intelligently regard every proposition presented, and for this reason, if for no other, believe the work is timely and valuable.

## INDUSTRIAL

## WIRE CLOTH FOR REINFORCEMENT

The National Wire Cloth Co., of Sandusky, O., are manufacturers of a wire reinforcement for concrete construction. By a method, which it is stated is practiced only by this company, the wire at intersections is fastened without kinking, bending or welding. In this way, it is claimed that the strength of the fabric is conserved, and the reinforcement has every requirement of strength and stability.

## A DAMP PROOF PREPARATION

Dexter Bros. Co., of Boston, Mass., issue a little book describing "Petrifax," a damp proof composition, which they recommend for use for undercoats on cement, brick, plaster, stone and wood.

This preparation is white in color, and is said to dry perfectly flat in about an hour. Messrs. Dexter Bros. & Co. are manufacturers of long experience and their products are always worthy of careful consideration. They invite correspondence and will send this booklet on request.

## "SNOW WHITE" PORTLAND CEMENT

The Berkshire White Portland Cement Co. are manufacturers of a grade of cement under the trademark of "snow white." This cement is manufactured at Clayton, Mass., from pure white materials, which, it is claimed, contain all the elements necessary for the manufacture of a high-grade, true Portland cement.

The materials used are pure white calcite and pure white clay, containing silica and alumina in uniform and correct proportions. The process is identical to that employed by manufacturers of the highest standard,

the only exception being that the rotary kiln is heated by an oil flame, instead of using coal, which would stain the raw material.

A booklet explaining the various uses for this form of cement may be had on application to George W. de Smet, Distributor, Chicago, Ill.

## SLATE ROOFS

The many advantages claimed for slate roofs are interestingly set forth in a novel line of advertising cards and booklets issued by the Matthews Slate Co., Sears Building, Boston, Mass. Probably the most valuable of these to the prospective user is the pamphlet of specification forms, size tables and prices. This booklet contains much information and answers in a thorough way all possible questions or objections to this form of roofing. This old-established house has built up a large business by reason of the reliability of its product. It invites correspondence from architects and builders.

Its advertising matter can be had on application.

## STEEL GLASS REFRIGERATORS

Steel and glass, used in the manufacture of refrigerators, appear to solve the question of perfect sanitary qualities, durability and attractiveness. While in most cases the location of the refrigerator is such that it is only seen by those who have occasion to use it, the florist, the fruiterer, and the small dealer find a refrigerator that will serve the double purpose of an ice-box and display case a desirable fixture.

The steel glass refrigerators made by the Fort Wayne Refrigerator Co., Fort Wayne, Ind., appear to meet the requirements of modern usage, together with the features referred to, and the attractive catalogue, fully describing the advantages claimed for these refrigerators, may be had on application.

## GAS ENGINES

The Dubois Iron Works, of Dubois, Pa., have been builders, since 1877, of single cylinder gas engines, both tandem and twin types, arranged to operate on natural, illuminating and producer gas.

Their long experience and successful installation of various types of gas engines, varying in importance from the smaller types to the larger and complicated municipal plant, would seem to guarantee the reliability of their manufacture.

An interesting illustrated pamphlet, showing the complete line made by this company, may be had on application.

## SANDUSKY PORTLAND CEMENT

The Sandusky Portland Cement Co., of Sandusky, Ohio, have issued a booklet of twenty-five pages which readily slips into the vest pocket, entitled "Many Everyday Uses, Suggestions and Application," which in its contents fulfills the promises of its title.

It is one of the most useful little books the everyday cement worker can have in his pocket for handy reference. It may be had on application.

# BUILDING NEWS

## ALABAMA

**BIRMINGHAM.**—The Sixteenth Street Colored Baptist Church, at Sixth Avenue and Sixteenth Street, has been condemned. The congregation will at once erect on the site a \$40,000 edifice.

**TUSCALOOSA.**—S. F. Alston has purchased the old court-house corner; building will be torn down and a four-story fireproof office building will be erected.

## ARKANSAS

**LEACHVILLE.**—The Methodist Church is considering plans for the erection of a new church building. Rev. R. E. Jones is interested.

## CALIFORNIA

**ALAMEDA.**—The Alameda Elks' Club has decided to erect additions to their clubhouse; completed plans call for a large banquet hall and billiard rooms; cost about \$50,000.

**GRIDLEY, BUTTE COUNTY.**—Funds have been raised by the Mormon people of this vicinity and a \$12,000 church will be erected opposite the High School Building.

**PASADENA.**—A Chicago architect has prepared plans for an up-to-date school which Miss Housel, principal of Huntington Hall, Los Angeles, is to build just south of Oneonta Park.

**POMONA.**—Citizens have voted \$30,000 bonds for the erection of a new City Hall.

**REDLANDS.**—The First Baptist Church will erect a new parsonage in the near future. About \$11,000 will be expended on this and other improvements.

**SACRAMENTO.**—Sites for the three large buildings to be erected at Agricultural Park have been selected by the members of the State Board of Agriculture. The \$40,000 Agricultural Pavilion will be located at the head of the main drive, facing the entrance with an imposing arch. To the right of the main drive will be the Manufacturing Building, equipped with pumps and reservoirs and erected at a cost of not less than \$30,000. Directly opposite will be Machinery Hall, a building of the same cost and similar type. Plans are being prepared by the State Engineer.

**SAN BERNARDINO.**—The Santa Ana lodge of Elks has purchased a site for the erection of a \$25,000 building to be used exclusively for lodge purposes.

Architect Griggs is preparing plans for a modern brick flat to be erected on Court Street.

**SAN FRANCISCO.**—A lot at the corner of Bush Street and Chelsea Place has been sold to a corporation organized to erect a five-story studio building upon the land; estimated cost is \$75,000. Plans have been completed. Among the artists named as those interested in the building are John Stanton, Del Mue, Latimer, Keith, Neuhaus, McComas, Wores, Porter, Breuer, Sparks, Perzonnii, Patigian, Deakin, Gamble, Mrs. Chittenden, Mrs. Lee, Miss Perine and several other ladies.

The Order of Eagles has purchased a site on Golden Gate Avenue for the erection of a new hall; plans have been submitted.

The Police Commissioners have recommended the plans and specifications for the Hall of Justice and County Jail prepared by City Architect Newton J. Tharp, which have been completed and are ready for use; contract will be awarded at once.

## CONNECTICUT

**NEW BRITAIN.**—F. W. Seibert, secretary of the Land Development Company, is having plans prepared by a Hartford architect for a hotel building to be erected on the land on Arch street recently acquired by the company. Building will be a six-story brick structure, and will cost in the neighborhood of \$60,000.

**NEW HAVEN.**—Funds are being secured for the erection of a \$75,000 boathouse at Yale University. Julian W. Curtiss, Yale '79, has general charge.

**WATERBURY.**—Architects Freney and Jackson have prepared plans for a new apartment block to be erected for Miss A. A. Healey on Baldwin Street.

## DISTRICT OF COLUMBIA

**WASHINGTON.**—The Washington Country Club has selected plans for a \$12,000 clubhouse which will be erected near Jewell. Dr. J. Tabor Johnson president.

The general plans of the new \$2,000,000 building for the Bureau of Engraving and Printing have been completed and the Supervising Architect of the Treasury and the Director of the Bureau are now going over the details of the interior plans with a view to completing all the preliminary arrangements in the near future. Ground will be broken late in the coming summer.

The church of the Holy Comforter, Rev. C. E. Wheeler, pastor, has purchased seven lots with the object of building a larger edifice to replace the present church.

## FLORIDA

**PENSACOLA.**—The Board of County Commissioners is considering the enlargement of the county jail. Commissioners Brown and McQuarrie have been appointed to take the matter in charge.

## GEORGIA

**ALBANY.**—Bids will be received about April 10 for the erection of the City Hall from plans of Robinson & Reidy, of St. Augustine, Fla. Cost \$30,000.

**SAVANNAH.**—Mrs. W. T. Bull has announced that she will erect a hospital as a memorial to her late husband.

## ILLINOIS

**CHICAGO.**—The Inter Ocean Building, at the corner of Dearborn and Madison Streets, will be remodelled into a hotel at a cost of \$75,000. R. L. Grout will be the proprietor.

**DECATUR.**—The Illinois Traction System has authorized the erection of a wood-working shop at the Decatur shops. About \$100,000 will be expended for the building and machinery. General Manager Chubbuck has the matter in charge.

**MONMOUTH.**—Bids will be called for in April for the erection of a \$100,000 High School. Architect has not yet been selected. O. S. French is Secretary of the Board of Education.

## INDIANA

**ANDERSON.**—The Board of School Trustees will sell a \$125,000 bond issue for the erection of a high school building and an addition to one of the grade schools.

**INDIANAPOLIS.**—Jesse M. Tindall and J. R. Messick will erect four apartment houses in the Fall Creek boulevard territory; cost, \$50,000.

**LAFAYETTE.**—Perdue University will expend \$170,000 on the erection of a new building for the shops, drawing rooms and laboratories for the engineering department and \$50,000 for two new buildings for the school of agriculture.

**MUNCIE.**—The Blue River Valley Creamery Company will establish a large plant here.

**NORTH VINCENNES.**—A committee of seven composed of Messrs. Cauble, Snooks, Johnson, Schmeiderskamp, Hurst, Pennington and Van Meter, has been selected to procure plans and consider ways and means of erecting the new Knight of Pythias building to be erected this Spring in North Vincennes by the Cornerstone Lodge No. 526 K. of P.

## IOWA

**BURLINGTON.**—Bids will be received by James Knox Taylor, supervising architect, Treasury Department, Washington, D. C., until March 30, for improvements at the local post-office.

**DAVENPORT.**—An office building, eight stories and basement, will be erected at the corner of Second and Main Streets. Plans have been completed for the Putnam Estate by D. H. Burnham & Co., Chicago architects; specifications will be ready in about three weeks.

**MARSHALLTOWN.**—The First Baptist Church has selected a



Minneapolis architect to prepare plans for improvements which will be made to the church; \$15,000 will be expended.

### KANSAS

GOODLAND.—The Library Board, consisting of G. L. Calvert, Thomas P. Leonard, R. A. Kent, William Walker, Mrs. H. S. Brown, Mrs. Eva Murphy, Mrs. F. H. Smith, Mrs. E. W. Sullivan, Miss Maude Williams, Anthony Shaw and Albert Reed, has selected the site for the new library building which will be erected with \$10,000 given by Andrew Carnegie.

HAZLETON.—Bids will be received until April 1 by B. L. Drake, Clerk of School District No. 37, for erecting a new two-story brick school on site of old school. Fred G. McCune, Architect, Wichita.

PITTSBURG.—Bids will be received until 3 P.M. April 14, by James Knox Taylor, Supervising Architect, Washington, D. C., for the complete construction of the post-office.

SALINA.—A lot has been donated to the local Y. M. C. A. as a site for a \$25,000 building. The Commercial Club is behind the plan.

### KENTUCKY

LEXINGTON.—Architects Richards, McCarty & Bulford are preparing plans for the erection of a combination hotel and theater building to be erected by the Phoenix Hotel Company.

The Highland Baptist Church is considering plans for the erection of a larger church edifice. Rev. Leonard Doolan is pastor.

Plans are being prepared for the erection of a \$25,000 apartment house for Mrs. M. A. Smith, on Ormsby Avenue.

The Crescent Hill Improvement Club is considering plans for a handsome clubhouse to be built on Cherokee Road.

### MASSACHUSETTS

BOSTON.—G. T. Tilden, of Boston, has drawn plans for a \$100,000 gymnasium which Bowdoin College undergraduates propose to erect in the near future.

NORTH ATTLEBORO.—Taxpayers have voted \$30,000 bonds for the erection of a school building.

QUINCY.—Council has appropriated \$6,000 for the erection of the proposed Sea Street, Hough Neck, school building.

SALEM.—The Naumkeag Steam Cotton Company will immediately erect a new weaving shed at a cost of about \$100,000.

### MINNESOTA

DULUTH.—The United States Steel Corporation is considering plans for the erection of another great steel plant which will be erected at a cost of \$30,000,000.

### MISSISSIPPI

GREENVILLE.—The Greenville Savings Bank and Trust Company has purchased a site on Washington Avenue. A handsome bank and office building will be erected.

### MONTANA

GREAT FALLS.—The trustees of School District No. 1 ask for bids, on April 8, for two new school buildings, to be erected in this city. One building is a six-room building to cost about \$25,000, for which W. E. Donovan is the architect. The other building will be a ten-room building to cost about \$50,000, for which Kent & Shanley, of Butte, are the architects.

The general plans for the Great Falls Federal Building, which is to cost \$225,000, are completed and the detailed plans are being prepared. Contract for this building will be let about June 1.

The Great Northern Railway will build a new passenger station at this city the coming Summer. Plans are being prepared in St. Paul and when approved will be submitted to bidders.

### NEBRASKA

HASTINGS.—Architect Way has prepared plans for the new \$20,000 structure which the Odd Fellows will erect at the corner of Second street and Hastings avenue. Work will begin immediately.

### NEW HAMPSHIRE

CONCORD.—The Buffum bill, providing for a \$400,000 bond issue for the remodeling and enlargement of the present State House, will be favorably reported by the appropriations committee.

### NEW JERSEY

HOBOKEN.—C. M. Bartberger & Son, architects, of Pittsburg, are preparing plans for a concrete bakery to be erected for J. Schmolz Son's Company in place of the one destroyed by fire. Cost, \$200,000.

NEWARK.—Dodd Marsh has completed plans and specifications for the proposed headquarters of the Association of Exempt Firemen, which will be erected on Springfield Avenue; contracts will be let soon. Chas. E. McCraith is president of the local exempts.

ORANGE.—J. J. & I. T. Marsh, architects, have been selected by Council to draw plans for the erection of an almshouse, at a cost of not more than \$15,000.

PASSAIC.—The Felician Sisters, Order of St. Francis, have purchased the old Van Dusen farm, and will erect a \$25,000 convent.

PATERSON.—St. Stephen's parish will erect a building for church and school purposes on Bond Street at an estimated cost of \$35,000; plans have been prepared and contract will be let about April 1. Rev. Father Knappek is pastor.

PERTH AMBOY.—Architect J. H. Dayton is preparing plans for a \$30,000 building for George Kuzusko, to be erected at Hall Avenue and Catharine Street; the same architect has completed plans and specifications for a \$16,000 apartment house for Guiseppi Guiffre, to be erected in upper Washington street. He is also planning a handsome parsonage for the Hungarian Reformed Church, to be erected in Kirkland Place. It will be three stories high and will cost, approximately, \$5,000.

ROSELAND.—The School Board has voted to build an \$8,000 school on site of present school.

TRENTON.—Henry J. Blauvelt, of Philadelphia, has prepared plans for an office and lodge building which the Junior Order of United American Mechanics will erect on East State Street.

### NEW YORK

CORINTH.—The Delaware and Hudson Railroad will erect a large and commodious station at this place. The matter has the backing of the Corinth Business Men's Association.

ELMIRA.—The Hygeia Refrigerating Company will build another large storehouse. Plans are now being prepared by Manager Floyd M. Shoemaker.

FT. NIAGARA.—Bids will be received by the Constructing Quartermaster, U. S. A., until April 9, for constructing, plumbing, heating and wiring two double sets lieutenants' quarters at this post.

GENEVA.—The Ontario County Supervisors and the County Medical societies are considering sites for the proposed tuberculosis hospital; \$15,000 has been appropriated.

NEWBURGH.—The Newburgh Silk Company is considering the erection of a new mill building. Site has not yet been selected.

The contract for the \$65,000 station to be erected for the West Shore Railroad Company will be let in May. Miles Bronson is the division superintendent.

NEW YORK.—Whitehouse & Porter have sold a four-story dwelling, between Thirty-seventh and Thirty-eighth Streets, to Henry Welsh Rogers, who will erect an American basement dwelling.

George M. McCabe, as architect for the estate of Hamilton Fish, has filed plans for making over the old Fish mansion, at the corner of Irving Place and Gramercy Park, into a studio and office building. Improvements will cost \$35,000.

D. H. Burnham & Company, architects, of Chicago, have drawn plans for the ten-story fireproof structure to be erected for Gimble Bros., Philadelphia, on Greeley Square, between Thirty-second and Thirty-third Streets. Estimated cost is about \$4,000,000. Site has been purchased.

To enlarge St. Luke's Hospital on Morningside Heights, the nine-story Travers Pavilion will be built as an east wing adjoining the administration building. It is to be fireproof, of brick

with marble trimmings, from designs by Ernest Flagg, architect. There will be a solarium on the eighth story and a roof garden; building will cost \$200,000.

The Benevolent and Protective Order of Elks has secured funds for the erection of a lodge hall and theater on West Forty-third Street. \$450,000 is available.

S. B. Eckerson will build six-story apartments, to house thirty-nine families, on the corner of St. Nicholas Avenue and 179th Street, from designs by Schwartz & Gross, architects. Cost, \$175,000.

Clairburne Woodhouse, Jr., will erect three two-and-one-half-story dwellings on Andrews Avenue; cost \$24,000. Charles S. Clark is the architect.

St. Brandaris R. C. Church will build a one-story brick edifice on the corner at Perry Avenue and 207th Street, from plans filed by Architects Clermont & Jackson. Cost is placed at \$27,000. Rev. D. O'Donovan is rector.

Esther B. Goldman will build five-story flats with six apartments at No. 137 East Thirty-ninth Street, to cost \$25,000. Plans have been filed by Architects Schwatz & Gross.

Bids will be readvertised at once for the erection of the city's \$8,000,000 skyscraper, which is to be built just north of the Brooklyn Bridge. Plans have been changed and legal obstacles removed. McKim, Mead & White are the architects.

Sali Ajid, a vaudeville manager, will build a five-story hall and store from designs by Thomas W. Lamb, architect, at Nos. 58 to 62 Clinton street. The building will be erected for the Custer estate as owner at a cost of \$80,000.

D. D. Bailey, of White Plains, will build five-story lofts, with store, on Crosby Street; plans have been filed by Architect C. M. Straub; cost, \$30,000.

The Cohooton Realty Company will build ten-story lofts on Thirty-second Street from plans filed by Architect P. C. Hunter; cost is placed at \$75,000.

George Doctor Company has purchased the corner of St. Nicholas Avenue and 157th Street; elevator apartments will be erected.

John S. Downey will build six-story loft with ground floor for stores at No. 329 Fifth avenue, from designs by Clarence L. Sefert, as architect. The cost will be \$25,000.

Architect B. Ebeling has prepared plans for four two-story dwellings to be erected for Peter McBride on Valentine avenue; cost, \$32,000.

G. F. Johnson, Jr., and Frederick Johnson have purchased a site on the corner of Thirty-eighth Street and Madison Avenue. A large apartment house is being considered for the property.

Charles E. Rector has leased the corner of Broadway and Forty-fourth Street. J. R. Pope is drawing plans for a fourteen-story transient hotel, restaurant and café.

ROCHESTER.—The East Side Presbyterian Church will soon erect a \$16,000 edifice on a site purchased at Parsells Avenue and Denver Street. Rev. A. D. D. Fraser is pastor.

SAG HARBOR.—Architect Augustus Allen has prepared plans for a \$75,000 library which Mrs. Russell Sage will give to her townspeople; building is to be completed by Nov. 1.

SYRACUSE.—The total appropriation for the New York State Fair to be made by the present Legislature will be practically \$837,000, of this amount \$278,000 is available for the erection of a new State Grange Building and a 400-stall racing stable; \$30,000 for a live stock building; \$20,000 for an annex to the present carriage building, and \$30,000 for a poultry building. Lieutenant-Governor Horace White is President of the State Fair Commission.

The Beebe Electric Railroad interests have engaged Sheaff & Jaastad, architects and engineers, of Boston, to prepare plans for an immense car barn to be used by the Lakeshore & Northern Railroad Company.

#### NORTH CAROLINA

FAYETTEVILLE.—Bids will be received until 3 P.M. April 15, by James Knox Taylor, Supervising Architect, Washington, D. C., for the construction of the U. S. post-office.

#### OHIO

CLEVELAND.—If Council approves the agreement reached between the museum committee on building and the Park Engi-

neer's Department, work will begin at once on the proposed Cleveland Museum of Art, in Wade Park. The building committee will prepare drawing and specifications within thirty days from the deeding of the necessary ground by the city. L. F. Holden, H. C. Ranney and H. A. Kelley are the committee.

Citizens will vote April 20 on the issuing of \$200,000 bonds for the erection of a tuberculosis sanitarium at Warrensville. Dr. T. H. Lowman, president of the Anti-Tuberculosis League, has the matter in charge.

COLUMBUS.—Architects Stribling & Lum are preparing plans for a three-story brick building to be erected on West Broad Street at a cost of \$14,000.

Plans for the large addition to be erected on the grounds of the Kinnear Manufacturing Company, near Fifth Avenue, will soon be ready by the architects, Richards, McCarty & Bulford. The building will cost \$50,000.

GREENVILLE.—The Board of Education is considering the erection of the \$100,000 St. Clair Memorial on the west school grounds. A committee has been appointed to look over plans.

MARION.—Plans and specifications for the new \$70,000 post office building have been received at the headquarters of the Builders' and Traders' Exchange.

TOLEDO.—Youdota Lodge, Knights of Pythias, has decided to erect a \$225,000 structure. Site has not yet been selected. Clyde Long is secretary of the Building Committee.

The General Electric Company will erect a \$100,000 addition to its plant at Mulberry and Champlain Streets.

Col. S. C. Reynolds has announced that the lot on the corner of Summit and Adams Streets will be improved by the erection of a six-story and basement building to cost \$200,000.

#### OKLAHOMA

MUSKOGEE.—Bids will be received until noon, April 1, by Architects Ashby, Radford & Niemann, No. 206 Estes Building, for the construction of a five-story business block for Graham-Sykes & Company.

OKLAHOMA CITY.—Work on the \$250,000 Federal building will begin July 1. Plans have been prepared and submitted to the Cabinet.

STIGLER.—Citizens have decided to issue \$20,000 bonds for the erection of a city high school. Work will begin as soon as practicable.

#### PENNSYLVANIA

CHESTER.—The congregations of the Temple Baptist Church and the Calvary Baptist Church, both colored, of this city, have joined forces, and a new \$25,000 brick and stone church will be erected on West Third Street. Rev. A. R. Robinson is pastor.

GETTYSBURG.—Sealed proposals will be received by the Gettysburg Battlefield Memorial Commission, Gen. St. C. A. Mulholland, Post-Office Building, Philadelphia, chairman, April 17, noon, for the complete construction of Pennsylvania's memorial; proposals will cover excavation, foundations and the complete iron and granite work, omitting the cost of the models for the four granite bas-reliefs, the cost of the bronze crowning piece, the two portrait figures and the bronze inscription tablets. H. S. Huidekofer and C. F. McKenna are the other members of the Executive Committee. W. L. Cottrell, East Twenty-third Street, New York, is the architect.

HUNTINGDON.—A site has been secured at Warm Springs Avenue and 12th Street by the J. C. Blair Memorial Hospital Association for the erection of hospital; cost, \$50,000. E. M. C. Africa, President.

LEBANON.—The Dime Savings Deposit and Discount Bank will be organized as soon as a site can be secured and a building erected; about \$100,000 will be expended.

PHILADELPHIA.—Architects Ballinger & Perrot have completed plans for a \$300,000 plant for the Grape Products Company at Northeast.

C. E. Schermerhorn, architect, 430 Walnut street, has completed drawings and specifications for a residence to be erected in Germantown for Edw. Behrend. Bids will be received March 31. Separate bids will be taken on a hot water system later. Plans call for two stories with laundry in basement.

The American Catholic Union has purchased property with a view of erecting in the near future a building suitable for its needs.

G. E. Savage has finished plans for the new Westminster Greenway Presbyterian Church to be erected at Fifty-eighth Street and Chester Avenue. Cost, about \$60,000.

Herbert H. Downsborough is preparing to build twelve four-story houses from plans by W. Frisbey Smith, on Forty-sixth above Pine Street. They will be of brick and will cost about \$144,000. Owner is taking estimates from subcontractors.

Architect A. A. Ritcher, Lebanon, Pa., has been selected in competition to prepare plans for the M. E. Church, at Frankfort Avenue and Foulrod Street, Frankford, Philadelphia, one story and basement store; cost not to exceed \$50,000 complete. Rev. W. E. P. Haas, pastor.

Senator McNichol, of the State Legislature, has introduced a bill appropriating to the Academy of Natural Sciences \$250,000, of which \$150,000 is for erecting fireproof buildings and altering the old structure.

Plans are being prepared for the erection of a new wing, containing a large library and gymnasium, which will be added to the buildings of the Catholic Theological Seminary of St. Charles Borromee at Overbrook.

PITTSBURG.—Architects have about finished plans for the new \$100,000 newsboys' home, which will be erected at the corner of Stevenson and Locust Streets.

Bellquist & See are at work on plans of a \$17,000 brick residence to be erected on Center Avenue, Schenley Farms, for Dr. C. A. Stillwagon.

READING.—The consistory of St. James Reformed Church, West Reading, Rev. George W. Gerhard, pastor, has adopted the drawings of Architects Stetler & Mengel, of Wyomissing, for a \$30,000 edifice at the corner of Penn Avenue and Seventh Street.

The St. James' Reformed congregation, of West Reading, will build a \$30,000 brownstone church.

SCOTSDALE.—Bids will be received until March 29 by the Board of Education for furnishing material and erecting a high school. A separate bid will be received for a ventilating and heating system; probable cost, \$60,000. Allison & Allison, Westinghouse Building, Pittsburg, architects. O. I. Hess, Secretary.

SHARON.—Bids will be received until March 29 by the School Board for erecting an eight-room school at Jefferson Avenue and Linden Street; also bids for heating and plumbing same. W. W. Whitehead, Secretary.

WASHINGTON.—Citizens will vote April 14 on \$150,000 bonds, for the erection and furnishing of a new high school building.

WEST CHESTER.—The Chester County Homeopathic Medical Society is considering the erection of another hospital.

WILKES-BARRE.—Bishop Hoban, of the Scranton Diocese, has selected a site at Dalton for the proposed Catholic Boys' Industrial Home.

#### RHODE ISLAND

PROVIDENCE.—Plans and specifications have been completed for the remodeling and renovating of the Narragansett Hotel at a cost of about \$150,000; work will be undertaken at as early a date as practicable.

#### SOUTH CAROLINA

CHARLESTON.—Local architects and builders will soon have a chance of furnishing plans and bidding on the building of the Fire Department station which the city will erect on Huger Street, at a cost of \$7,500.

#### SOUTH DAKOTA

ABERDEEN.—The Citizens Bank Company will erect \$150,000 six-story bank building on Main Street and Second Avenue. F. H. Ellerby, of St. Paul, Minn., is preparing the plans.

LEAD.—Architect Morthland is preparing plans for the Lawrence County Infirmary to be erected by the County Commissioners; bids will be advertised for about April 6.

#### TENNESSEE

JACKSON.—Architects Hearn & Dickey have submitted plans for the proposed new church for the congregation of the First

Baptist Church. J. A. Thompson is chairman of the Building Committee.

#### TEXAS

ABILENE.—J. F. Cowden will erect a commodious home on a site just purchased on College Heights addition.

DALLAS.—Plans have been completed by S. P. Brinkley and Son for a three-story brick building which will be erected at once; cost, \$35,000.

DUBLIN.—The Baptist Church has decided to erect a new church at a cost of \$40,000.

FORT WORTH.—Winfield Scott has purchased a site on the Katy Road and will at once erect an oil mill, refinery, soap factory and compound card factory; cost, \$150,000.

Plans have been accepted for the new First Ward school building which will be erected at a cost of \$35,000; bids will be advertised for at once.

HOUSTON.—Sanguinet & Staats, architects, have about finished plans for the new \$150,000 Shearn church building. Work will begin May 1. Dr. Wray is chairman of the Building Committee.

Plans have been prepared for the magnificent bank to be erected by the South Texas National Bank on the site of the present bank building.

SAN ANTONIO.—The G. A. Stowers Furniture Company, 701 Main street, Houston, will receive bids March 29 for the erection of a store in this city.

Council No. 786, Knights of Columbus, is planning the erection of a home for the order, and will spend \$40,000 on the project. No site for the structure has been selected as yet.

SNYDER.—Lang and Mitchell, Dallas architects, will soon let contract for a \$60,000 court house.

#### VIRGINIA

ALEXANDRIA.—Armour and Company are considering the erection of a large packing house on the square bounded by Cameron, Queen, Henry and Fayette Streets.

#### WASHINGTON

ABERDEEN.—Plans for a high school have been drawn. They call for a building to cost \$25,000, but before work can be started bonds must be voted and a special election has been called.

OLYMPIA.—Work on the State Historical Building to be erected in this city will begin early in the Summer and rushed to completion. The building will cost \$25,000.

SEATTLE.—Architect E. W. Houghton has about finished plans for a new four-story theater, to be erected for John W. Considine; work will commence about April 1; cost between \$150,000 and \$175,000.

SPOKANE.—Henry C. Merriam will erect a six-story office building on First avenue, to cost \$600,000.

TACOMA.—Potter & Merrill, architects, have completed plans for the erection of a four-story brick apartment house overlooking Wright Park. The estimated cost is \$25,000.

The Jackson estate will erect an apartment house on the west side of Eighth Avenue, between Pike and Pine Streets, at a cost of \$60,000, after plans prepared by Architect W. D. Van Sicken.

WALLA WALLA.—A new conservatory, cost \$50,000, will be erected this summer at the New Whitman. Dean A. W. Hendrick has the matter in charge.

#### WISCONSIN

EAU CLAIRE.—City has not yet selected an architect for its proposed new \$30,000 City Hall.

MILWAUKEE.—Architects Betts & Hosmer have prepared plans for the new \$50,000 administration of Wayland Academy, Beaver Dam.

A new home will be erected for J. E. Cameron at Newberry Boulevard and Summit Avenue from the plans of Architect H. W. Buemming; cost \$30,000.

Architect F. W. Andree has finished plans for a \$10,000 residence to be erected for Philip Schmidt.



## CURRENT NEWS

### THE CEMENT SHOW AT MINNEAPOLIS

One hundred and thirty-five separate exhibits were to be seen at the recent Cement Show given by the Northwestern Cement Products Association in the armory at Minneapolis. In connection with the show the association held its convention, and that the whole subject of cement and its uses was rather fully threshed out is indicated in the titles of papers that were read in the course of the three-days session. These were as follows: "Overcoated Houses," Ernest McCullough, Chicago; "Concrete Silos and Building Blocks," Edward E. Smith, Barron, Wis.; "Small Concrete Houses," C. D. Warner, Chicago; "Real Concrete," E. P. McManus, Keokuk, Iowa; "What Can Be Done to Popularize Cement Products?" C. W. Boynton, Chicago; "Sidewalks and the Curing of Cement Blocks," Lee Stover, Watertown, S. D.; "The Concrete Highway Bridge and Its Advantages," J. A. Anderson, Ortonville, Minn.; "Forms for Concrete Highway Bridges," F. A. B. Patterson, Fairmont, Minn.; "Good Roads and How to Get Them," H. H. Gross, Chicago; "Fireproof Construction vs. Fire Losses," J. C. Burch, Des Moines, Ia.; "Reinforced Concrete," illustrated, C. A. P. Turner, Minneapolis, Minn.; "General Talk on Concrete and Cement Products," Richard L. Humphrey, Philadelphia; "Concrete and Common Sense," Capt. Freeman, St. Paul, Minn.; "Cement Street Paving in Bozeman," C. M. Thorpe, City Engineer, Bozeman, Mont.; "Cement Silos and Cement Sidewalks," Henry E. Murphy, Manitowoc, Wis.; "Cement Building Blocks," A. H. Laughlin, Lisbon, N. D.; "The Possibilities of Concrete," George C. Walters, Atlanta, Ga.

At the end of the session the Association held a joint meeting with the Interstate Cement Tile Manufacturers.

### DESCRIPTION OF THE WHITE PLAINS ARMORY

The new White Plains Armory will be what is known as a one-company armory, providing accommodations for a company of one hundred enlisted men and commissioned officers. The exterior of the building is designed in the architecture of the Tudor period. Large wall surfaces pierced by windows and surmounted by battlemented parapets are shown with turrets at the corners and over the entrance. In the center of the building, set back from the front, is the tower, rising to a height of 110 feet, and surmounted by a dignified battlement.

The first floor of the building will be located with reference to the higher level of the site and the ground in front of the armory will be terraced. A wide stone stairway forms the approach and the main entrance will be through a series of brick arches sprung from the flanking bays.

A wide central hallway leads from the entrance direct to the drill shed. On the right of this hallway, on the first floor, are located the armorer's room and company reading-room, and on the left the non-commissioned officers' room, quartermaster's room and clerks' office.

On either side of the main entrance hall are the side corridors containing the stairs to the basement, and to the second story and gallery entrance. In the main entrance hall a monumental staircase will be carried to the second floor and from it the officers' gallery in the drill shed is reached.

The drill shed is 100 feet wide and 130 feet long, with galleries on both sides, one for spectators and one for the company's locker room.

On the second floor are the captain's room, officers' parlor and company parlor.

The band room will be located in the first floor of the tower.

In the basement, under the drill shed, are located the boiler room, a fully equipped rifle range, and mess hall, with space to spare for installing bowling alleys in the future.

The kitchen, pantries, shower baths apparatus, etc., are located in the basement under the administration building.

The building will be built of light, buff-colored brick with red sandstone trimmings, and will cost, when completed, about \$85,000.

The building was designed by Franklin B. Ware, State Architect.

### PERSONAL

Messrs. McLoughlin & Siebert, architects, announce that they have opened an office at Pittsfield, Mass., and desire samples and catalogues.

L. M. Weathers Co., architects, Memphis, Tenn., inform us that they have removed to their new offices, 420 Scimitar Building, Memphis, Tenn.

### BOOK NOTE

GRAMMAR OF LETTERING.—A handbook of alphabets systematically arranged for the use of art students, architects, decorators, signwriters and all classes of craftsmen, by Andrew Lyons; 109 pages text, with 93 pages of illustrative plates, full cloth, 6x9 inches, price \$2.50 net. Philadelphia: J. B. Lippincott Co.; London: Maclaren & Co.

This book presents in a practical way the formation of various letters and numerals. It shows their construction, spacing and the method followed by best practice in brushwork. Careful study of its pages should enable the draughtsman to construct the best forms of lettering, and it will stimulate a creation of character and form.

The work, while called the "Grammar of Lettering," might with equal truthfulness be styled the anatomy of letters, as it clearly demonstrates the fixed relative proportions, thus making it possible for the student to embellish and improve his style of lettering. The work is to be commended.

## INDUSTRIAL

### PLANS FOR CONCRETE RESIDENCES

Under the above title the Universal Portland Cement Co., of Chicago and Pittsburg, has issued an illustrated pamphlet of 65 pages, 6x9 inches, showing the prize-winning and other designs submitted in a recent competition held by this company, under the auspices of the Chicago Architectural Club.

This is a valuable and interesting publication. The houses illustrated were all designed to cost \$8,000. The variety of design and planning affords an opportunity to study the possibilities and advantages of cement construction for the country and suburban house.

The illustration of each house is accompanied by a description of the design and estimate of cost.

We are advised that this book can be had by the architect or builder upon request.

### RETAINING WALL CONSTRUCTION

The Ferro Concrete Co., West End Trust Building, Philadelphia, Pa., are the New York and Pennsylvania agents of the Concrete-Steel Retaining Wall Co., whose office is in the Traction Building, Cincinnati, O.

They have issued an interesting illustrated pamphlet, setting forth the many advantages claimed for the Bone system of retaining wall construction.

It is stated that by this system of construction many stresses overcome in a plain concrete wall by mass of material are, by the Bone wall, taken by the steel reinforcement. The wall under these conditions would therefore be thinner and correspondingly more economical.

It is claimed that a broad base with uniform pressure is obtained by this system, and that the earth pressure can be distributed over the foundation to suit the conditions.

A detailed description of this system will be found of much interest to the engineers. The Ferro Concrete Co. invite correspondence from interested parties, and will send their pamphlet upon request.

### THE KEWANEE SYSTEM OF WATER SUPPLY

Pneumatic systems of water supply are proving their adaptability to the varying conditions of the climate in this country in a manner to warrant the claims of their manufacturers. The condition of the water delivered for consumption, both as to its purity and temperature is of greatest importance. To this must be added the certainty of an adequate supply.

The Kewanee Water Supply Co., of Kewanee, Ill., have issued a pamphlet of seventy pages, 8x10 inches, which is a fine example of the printer's and engraver's work.

It shows, with many illustrations, every phase of the question of water supply, whether to the small isolated country house, or to the plant for the factory or town. Every side of the subject is intelligently covered and to those in search of the latest information on the important question of a pure and sufficient water supply, this pamphlet will provide a fund of valuable information.

It may be had on request.

### THE NEW FACTORY FOR THE AMERICAN LUXFER PRISM CO.

A novel system of concrete construction is being employed in the erection of the new \$75,000 factory for the American Luxfer Prism Company at Thirty-seventh and Morgan streets, Chicago. This is to be made a model "daylighted" plant through the installation of an extensive application of the Luxfer system. The building is to be 170 feet by 200 feet, two stories in height, and of fireproof construction, embodying the Mahler concrete T-beam floor and roof system.

This system is one in which the members are previously cast and cured, and are handled on the work in a manner similar to the handling of steel members. In the Luxfer Prism factory only one form of beam is involved, this being laid on a steel cage frame as a floor beam.

In the building of the Luxfer Prism Company the Mahler beams are placed side by side on a fireproof steel frame so as to form a solid floor and roof. For the surfacing of the floor, maple flooring is laid on 2x4 inch sleepers laid on the concrete. The roof is to have a cinder covering. The floors are designed for a live load of 125 pounds per sq. ft. and the beams have a 16-ft. span. There will be about 2,000 of these beams, which are being cast in about 200 molds in the beam shops on the south side of Chicago.

The engineering experts of this company have applied to its factory building every necessary application of the Luxfer System to make the structure perfectly "daylight" throughout, creating a plant where the workmen may do their work under the most favorable conditions of natural illumination.

### OVERCOATED HOUSES

In an illustrated pamphlet bearing the above title, the Northwestern Expanded Metal Co., of Chicago, have endeavored to show how easy it would be to effect a transformation in a frame house by an exterior application of cement mortar.

Some of the buildings illustrated are shown by two photographs, one before, the other after treatment.

For this class of work the Northwestern Expanded Metal Co. recommend their Kno-Burn Steel Plastering Lath.

The pamphlet above referred to can be had on application.

### SIDEWALK LIGHTS

Albert Graner & Co., Pittsburg, Pa., are the manufacturers of sidewalk lights, constructed under the Bruner system of reinforced concrete.

The points claimed for this form of sidewalk light are that they are constructed entirely of reinforced concrete and glass, there being no iron nor concrete beams. Spans up to sixteen feet are said to be possible, and they are guaranteed for a period of three years as permanent and absolutely waterproof.

The pamphlet issued by this company illustrates many novel and difficult problems in sidewalk construction, and may be had for the asking.

# BUILDING NEWS

## ALABAMA

**BIRMINGHAM.**—Citizens will vote on a bond issue, probably \$200,000, for the erection of a larger and more modern jail.

City will begin at once to prepare for the erection of a High School. \$140,000 is available.

**FOLEY.**—A modern steam-heated reinforced concrete hotel of from 200 rooms upward, to cost in the neighborhood of \$90,000, and to be erected on Chicago Beach is part of the plans of the Chicago Gulf Beach Company. H. B. Hamm is president.

**FORT MORGAN.**—Bids will be received until 1:30 P.M. April 20 by Capt. H. B. Chamberlin, Q. M., U. S. A., Fort Morgan, for the construction, plumbing, heating and electric wiring at Fort Morgan, of one barrack, one field officers' quarters, four single sets of company officers' quarters, one mess hall, one lavatory, one double set firemen's quarters, one wagon shed, alteration and addition to of porches on buildings Nos. 3, 24, 34 and 35, and for moving Administration building and two sets N. C. O. quarters.

## CALIFORNIA

**SAN FRANCISCO.**—The members of the Pacific Union Club have decided to proceed with the erection of a club-house on the Flood property at Mason and California Streets, and also to construct a building on the old club site at the northeast corner of Post and Stockton Streets. The directors have been authorized to incur a bonded indebtedness of \$900,000; \$150,000 will be used for the improvement of the Post and Stockton Streets corner, and \$500,000 to buy the Flood lot and erect a club-house on it.

The Chutes Amusement Company has leased the block bounded by Turner, Fillmore, Eddy and Webster Streets and will spend \$250,000 in erecting a theatre and ballroom.

O. B. Baldwin is having plans prepared for a tall building to be erected at the corner of Grand Avenue and Harlan Place.

The Order of the Eastern Star has purchased a lot on the corner of Franklin and Olive Avenues as a site for a club house. Jas. E. Gordon is president.

Competitive plans for a \$4,000,000 City Hall will be received by City Architect Newton J. Tharp.

The Mechanics' Institute is now assured of its plans for an imposing office building on the site of the old library, the south side of Post Street, between Kearny and Montgomery Streets, where the new library and offices of the Institute will be permanently established; the plans for this building have been accepted and a loan of \$300,000 obtained.

## CONNECTICUT

**BRIDGEPORT.**—Architect Jos. W. Northrop has been commissioned to draw plans for the proposed addition to the Summerfield school house; cost \$25,000.

The committee in charge of the proposed improvements to the Black Rock school house has recommended the erection of an eight-room addition and Architect C. T. Beardsley, Jr., has been commissioned to draw the plans. The improvements will cost about \$30,000.

Architect Joseph W. Northrop has been commissioned to prepare plans for the proposed store and tenement building to be erected on Main Street. The plans will be ready to figure about April 1.

**EAST HARTFORD.**—Orient Lodge, A. F. and A. M., has decided to develop plans for the erection of a Masonic Temple on Hartford Avenue. H. E. Bidwell is chairman of the Building Committee.

**NEW HAVEN.**—The Orelton Court Apartment & Realty Company, W. J. Garland, president, will erect an apartment house on the corner of Edgewood Avenue and Park Street, at a cost of \$45,000.

**WILLIMANTIC.**—Bids will be received by James Knox Taylor, supervising architect, Treasury Department, Washington, D. C., until 3 P. M. April 22, for the construction (including plumbing, gas piping, heating apparatus, electric wiring and conduits) of the U. S. post-office.

## DISTRICT OF COLUMBIA

**WASHINGTON.**—The Sundry Civil Act, signed by the President, makes appropriations as follows for work at various public buildings: Atlanta, Ga., \$550,000; Beloit, Wis., \$55,000; Bluefield, W. Va., \$50,000; Boise, Ida., \$85,000; Bowling Green, Ky., \$60,000; Charleston, W. Va., \$50,000; Cleburne, Tex., \$50,000; Cleveland, O., \$1,025,000; Colorado Springs, Col., \$65,000; Wilmington, N. D., \$100,000; Wilmington, Del., \$80,000; Toledo, O., \$150,000; Spokane, Wash., \$75,000; Sioux Falls, S. D., \$80,000; Shreveport, La., \$75,000; San Antonio, Tex., \$75,000; Oklahoma City, Okla., \$75,000; Minneapolis, Minn., \$150,000; Los Angeles, Cal., \$137,000; Fort Dodge, Ia., \$105,000; Houston, Tex., \$200,000; Jersey City, N. J., \$150,000; Denver, Col., \$200,000; Des Moines, Ia., \$225,000; Detroit, Mich., \$125,000, and Devils Lake, N. D., \$75,000.

Plans for a \$25,000 substation to be located at Seventh and C Streets, Southwest, by the Pennsylvania Railroad Company have been submitted to the Commissioners for their approval. The contract for the work will be let within a few days after the District heads have agreed on the specifications.

## FLORIDA

**MONTICELLO.**—Jefferson County Board of Commissioners is considering the erection of \$10,000 jail building to replace structure recently burned; tentative sealed bids are invited according to plans and specifications on file in office of County Clerk R. C. Parkhill, Monticello, after April 21. Bids will be opened May 5 by J. T. Budd, Chairman.

## GEORGIA

**FITZGERALD.**—Ben Hill County will award contract April 20 for erection of court-house; two stories and basement; tower; fireproof; steam heat; electric lighting; cost, \$50,000. H. H. Huggins, Roanoke, Va., architect.

**GRIFFIN.**—Commissioners of Roads and Revenues, Masonic Temple, Griffin, Spalding County, will open bids April 10 for erection of stockade and hospital for convicts. W. E. H. Searcy, Jr., Clerk.

## IDAHO

**ST. ANTHONY.**—Proposals will be received by I. N. Corey, Clerk, Board of Commissioners of Fremont County, until 2:30 P. M., April 19, for the construction of a brick, stone and concrete Court House, separate bids on heating and plumbing. Wayland & Fennell, Architects, Sona Building, Boise, Idaho.

## ILLINOIS

**EAST ST. LOUIS.**—The East St. Louis & Suburban Railway Company has leased property at the corner of Broadway and Third Street. J. J. Wies, owner, will remodel the building into offices at a cost of \$20,000. Work will begin at once.

## INDIANA

**BLOOMINGTON.**—The trustees of each of the following church congregations are planning to ask for bids for the erection of church buildings: The Holy Trinity Church, Kirkwood Avenue and Grant Street, cost \$25,000; Morton Street Christ Church, \$30,000, and the Eighth Street M. E. Church, \$40,000.

**FORT WAYNE.**—Engineer and Architect Ralph M. Snyder is preparing plans and specifications for a large fireproof business block to be erected at the corner of Clay and Columbia Streets for Fischer Bros.

**INDIANAPOLIS.**—Architects Rubush & Hunter are preparing plans for improvements at the County Poor Farm; \$25,000 is available.

The Indiana Tuberculosis Commission, which received \$130,000 from the Legislature with which to construct a tuberculosis hospital on the site purchased near Rockville, is considering the preliminary work. The architect has not been selected.

**MICHIGAN CITY.**—The School Board is giving notice that it intends to issue \$95,000 bonds for the purpose of erecting the proposed new high school building and making other improvements to the city school property.



**PORTLAND.**—The Redkey Lodge, Knights of Pythias, has appointed a committee with power to confer with architects and let the contract for plans and specifications of a new lodge home. The lodge expects to spend about \$10,000 the coming summer in the construction of a modern and commodious brick building.

#### IOWA

**CLINTON.**—Competitive plans and approximate estimates will be received for an up-to-date store and office building, with 75-ft. frontage, 130 to 140 ft. deep. Cost approximately \$30,000 to \$35,000. G. E. Wilson, Jr., has the matter in charge.

**CRESTON.**—The Federated Ladies' Clubs has not yet selected an architect for the proposed library building.

**ORANGE CITY.**—Separate bids will be received until 2 P. M., April 7, for the construction of a jail and sheriff's residence, from plans by Geo. Pass, architect, Mankato, Minn. Herman Te Paske is County Auditor.

#### KANSAS

**PROTECTION.**—Bids will be received by W. R. Backman, Clerk, School Board of School District No. 15, until noon, April 5, for the erection of a school house. Laura M. Rodgers, Treas.

**TOPEKA.**—Work on the erection of the proposed Grace Cathedral of the Episcopal Church will be commenced early in the fall. The edifice will be erected at the corner of Eighth and Polk Streets at an estimated cost of \$90,000. Dean Kaye is pastor.

#### MAINE

**PORTLAND.**—The City Hall Commission will soon ask bids for the stone and steel work in connection with the erection of a City Hall. J. C. Stevens, Portland, and Carrere & Hastings, New York, architects.

#### MARYLAND

**BALTIMORE.**—Plans have been completed by Architect Francis E. Tormey for improvements, to cost about half a million dollars, to the new Mercy Hospital at Calvert, Saratoga and Cortland Streets, formerly known as the City Hospital.

A new six-story warehouse will be erected on the lots in the rear of the building at the corner of Pratt and Light Streets and having a frontage on both streets. It will be an L-shaped structure. The plans were prepared by Robert C. Ullrich, architect.

Architects Wyatt & Nolting are preparing plans for the Harriet Lane Hospital for Children to be erected on the grounds of the Johns Hopkins Hospital. Building will be four stories high and will have a roof garden for tuberculous children.

#### MICHIGAN

**DETROIT.**—Health Officer Kiefer has recommended the erection of an addition to the contagious disease hospital on Hamilton Boulevard; cost \$150,000.

**GRAND RAPIDS.**—Bids will be received by Thos. D. Perry, Secretary, Board of Education, until May 1, for additions to the Union High School, on Fourth Street. Robinson & Campau, Architects.

**KALAMAZOO.**—Citizens are considering the issuing of \$35,000 bonds for the completion of the East Avenue school.

**MANISTEE.**—Proposals will be received by Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., until 3 P. M., April 21, for the construction complete of the United States Post Office Building.

#### MISSISSIPPI

**LAUREL.**—Plans for the new church for the Main Street Methodist congregation of this city, as prepared by Architect Gordon Shaw, of Meridian, have been adopted by the Building Committee. The site has been selected and work will begin at once. The building will cost in the neighborhood of \$20,000.

**MERIDIAN.**—Mrs. E. H. Hart will soon let contracts for the construction of a \$7,000 building made of concrete block, to be known as the Meridian School of Music. The building will be located at the corner of Twenty-eighth Avenue and Ninth Street.

#### MINNESOTA

**ST. PAUL.**—Bids are being received by C. H. Johnston, architect, Manhattan Building, on the construction of a pressed brick

and cut stone, two-story gymnasium for Hamline University, St. Paul. G. H. Bridgman, president.

#### MONTANA

**GREAT FALLS.**—Bids will be received until 3 P. M., April 8, for the erection of the Hawthorne School on plans by W. E. Donovan, Architect, Great Falls; also for the Washington School, on plans by Kent & Shanley, Architects, Butte. A. E. Cary, Clerk, District No. 1.

#### NEBRASKA

**FORT CROOK.**—Bids will be received until 11 A. M., April 12, by Capt. Joseph F. Gohn, Constructing Quartermaster, for construction of a brick addition to the Post Hospital and for installing plumbing and electric wiring in the additions.

**PLAINVIEW.**—Bids will be received until April 6 by A. G. Cole, secretary, Board Education, for erecting a brick and stone school. Eisentraut Company, architects, 713 Scarritt Building, Kansas City, Mo.

#### NEW JERSEY

**ASBURY PARK.**—Citizens will vote on \$150,000 beach bonds. The largest and most important improvement planned is the construction of hot and cold sea water baths. Competitive plans on a \$75,000 building will be asked by the Beach Commission.

**EAST ORANGE.**—C. A. Morel plans to line the south side of Park Avenue, between North Clinton and Prospect Streets, and facing the Ashland School, with a row of two-family houses.

**EAST ORANGE.**—Ludlow & Peabody, New York architects, have been commissioned to draw plans and specifications for a church building for the Elmwood Presbyterian congregation.

**FT. HANCOCK.**—Proposals will be received by First Lieut. W. J. Hawkins, Construction Quartermaster, U. S. A., until 2 P. M., April 14, for repairs to floors and stairways in barracks Nos. 22, 23, 24 and 25.

**LONG BRANCH.**—Dr. E. Fahnestock has purchased the Stillwell farm at Shrewsbury and will shortly erect a \$40,000 residence on the property.

**MONTCLAIR.**—Work will be commenced shortly on a large new school building for the Montclair Academy.

**OCEAN CITY.**—H. F. Stanton, a local real estate broker, is about to erect an office building at the corner of Eighth Street and Ocean Avenue.

**PRINCETON.**—Plans for the new dormitory, for which Mrs. Russell Sage has given Princeton University \$250,000, are now completed and bids are to be called for early in April, so that work can be started on the building this spring or early in the summer.

**RAHWAY.**—Council has passed an ordinance calling for the issuing of \$75,000 worth of school bonds. A site has been purchased on Campbell Street and a modern building will be erected.

**WESTFIELD.**—Town is considering the erection of a \$75,000 Town Hall at Elm and Orchard Streets.

#### NEVADA

**LOVELOCK.**—Bids will be received until 2 P. M., April 21, by the Commissioner of Indian Affairs, Washington, D. C., for the construction of employees' quarters, a schoolhouse and a well at new day school to be established at Lovelock. Calvin S. Asbury, superintendent Indian School, Stewart.

#### NEW YORK

**BAYSIDE.**—The Oakland Golf Club is preparing to build a new club house on their grounds. R. A. C. Smith, 100 Broadway, is Chairman of the Building Committee.

**BINGHAMPTON.**—Competitive plans will be received at once by Architect H. S. Gardner, 508 Ackerman Building, for a \$17,800 addition to the Laurel Avenue School. Bids will be received in about 20 days.

**BROOKLYN.**—Oscar Hammerstein has decided to build an opera house in this city. About \$1,500,000 will be expended.

**BUFFALO.**—J. D. Larkin has purchased property on the corner of Pearl and West Genesee Streets as a site for an eight-story, fireproof men's hotel to be conducted by the Y. M. C. A. A company, organized to build it, will issue \$175,000 in bonds. Work will begin in the summer.

Spencer Kellogg, Jr., has bought a lot on Lincoln Parkway on which he intends to build himself a \$40,000 home. Plans are now being prepared by the architects and ground will be broken soon.

The Barcalo Manufacturing Company has purchased property on Tecumseh Street and will expend \$10,000 in remodeling the building.

The G. J. Meyer Malting Company has plans for the erection of a \$25,000 four-story brick malthouse.

The C. Klinck Packing Company will start work immediately on a one-story brick addition to its present large plant on Depot Street. The building will cost about \$6,000.

**COHOES.**—Boswel and Davidson have not yet selected an architect for the two-story warehouse which will be erected on Canvass Street in the spring.

**DUNKIRK.**—The American Locomotive Company has decided to erect a new boiler shop at the Brooks plant; \$300,000 will be expended on this building and \$100,000 on other improvements.

**EAST HAMPTON, L. I.**—St. Luke's Church, Rev. O. F. R. Treder, pastor, has secured funds for the erection of a new \$35,000 edifice.

**JAMESTOWN.**—The Board of Public Works has recommended that the city erect a municipal hospital on Jones Hill, a tract of ten acres of land given to the city by the provisions of E. O. Jones's will. The Board estimates that the cost of erection and equipment of such an institution would be \$50,000 and recommends that the amount be raised by a bond issue.

**NEW YORK.**—Proposals will be received by the Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 A. M., April 17, for remodeling contagious annex for female nurses' quarters at the Naval Hospital, New York. R. C. Hollyday, Chief of Bureau.

Architect N. Serracino has been commissioned by the Rev. Father Cherubinus to prepare plans and specifications for a new St. Anthony's School at Nos. 60-62 Macdougall Street. It will be fireproof, with five stories and basement, to accommodate 1,500 children.

Mrs. Augusta Morris de Peyster has sold the block bounded by Clay and Teller Avenues, 167th and 168th Streets. The purchaser will improve it with apartments.

Mrs. F. F. Thompson will make over the four-story and basement high-stoop dwelling, Nos. 281-283 Madison Avenue, into an American basement house, with new elevator and remodeled interior. The improvements are to cost \$15,000, from designs by Crow, Lewis & Wickenhoefer, architects.

Gustave Heubach will build a \$35,000 Italian villa on Euclid Avenue at once.

Charles E. Blaney is planning to erect a new theatre in Lincoln Square. Contracts will be let during April.

George G. Segal has effected a lease to the Lures Hotel Company for a long term of years of the premises 223½ and 225 Bowery. The owner will erect a ten-story fireproof lodging house on the site.

Ernest Wenigmann will build five-story flats on the corner of 165th Street and Clay Avenue, from plans filed by Architects Neville & Bagge. They place the cost at \$55,000.

Samuel Weil will build a six-story warehouse, of brick with limestone trimmings, on the corner of Greenwich and Franklin Streets. Architects Buchman & Fox place the cost at \$30,000.

Col. John Jacob Astor will build two-story lofts, for George F. Fish, at Nos. 405 to 409 West Thirteenth Street. The cost is placed at \$20,000, by James S. Maher, architect, who filed the plans.

**ROCHESTER.**—The American Laundry Machinery Company will erect the largest laundry machinery plant in the United States. The plant will cover several acres and cost \$400,000. Work will begin as soon as plans are prepared.

**SCHENECTADY.**—Bids will be received by the Board of Supervisors until April 26, for the general construction of the Schenectady County Court House. W. L. Stoddard, 31 Union Square, New York, N. Y., architect. J. H. Peters, clerk.

**SYRACUSE.**—Architect B. W. Morris, of New York, is preparing plans for the reconstruction of the block at South Warren and East Jefferson Streets, opposite the site for the new Onondaga Hotel, for Arthur R. Peck. The work will be done during the spring and early summer at a cost of between \$15,000 and \$20,000.

City Engineer Henry C. Allen has designated architects and mechanical engineers who are to be employed for the remodeling of the City Hall and for the building and remodeling of three school houses. Charles E. Colton has been assigned to the proposed remodeling of the City Hall, Gaggin and Gaggin as architects to design and help supervise the construction of the new Vine Street school, M. D. Makepeace as the architect to plan and help supervise the building of an eight-room addition to Sumner School and Merrick & Randall to plan and aid in the supervision of the repairs and the four-room addition to Croton School.

The Property Board of the Salvation Army, with headquarters in New York, has under consideration the erection of a modern block at Nos. 341 and 343 East Genesee Street. Cost, \$20,000. Adjutant Samuel J. Young is in charge of the Salvation Army work in this city.

#### NORTH DAKOTA

**GRAFTON.**—Bids will be received until noon, April 7, by Dr. H. A. Lamoure, superintendent, for the erection of a hospital at the institution for Feeble Minded. Hancock Bros., Fargo, N. D., are the architects.

**MAYVILLE.**—Bids will be received until 10 A. M., April 13, for the completion of the dormitory, except heating, plumbing and wiring, and for a boiler house complete, except boilers and piping. Separate bids will be taken for the heating and plumbing of the dormitory, and for the boilers of the boiler house and changing the entire heating apparatus of the main building to a vacuum system.

#### OHIO

**CLEVELAND.**—Architects are preparing tentative plans for the large Andrews Institute for Girls to be built just this side of Willoughby; work will not begin until late in the spring. V. P. Kline, attorney for trustees.

**COLUMBUS BARRACKS.**—Jas. Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., has forwarded plans to Capt. H. J. Hirsch, Construction Quartermaster, Columbus Barracks, for a two-story fire engine house; cost \$25,000.

**NORWALK.**—Felix Kugel, of the Troy Laundry, will soon commence the erection of a one-story building adjoining the Troy Laundry.

**TOLEDO.**—The proposition of making a \$100,000 addition to the Toledo Lamp Works in return for the vacation of a dead end of Mulberry Street, to be covered by the improvement, has been made to the Council Committee on Public Improvements.

#### OKLAHOMA

**OKLAHOMA CITY.**—The College Board of the State Baptist Convention has selected a site for the location of a university, which John D. Rockefeller has promised to give \$500,000. It will be one of the largest denominational colleges in the Southwest and will cost probably \$1,000,000.

For the purpose of making a general plan for the campus and future buildings to be added on the Epworth University site, J. P. Jameson, representing the architectural firm of Cope & Stevenson, of Philadelphia, has been retained by the Board of Trustees of the University and is now inspecting the university grounds. The first building to be built will be the girls' dormitory.

**TULSA.**—The Elks' Lodge of this city has incorporated a building company for the purpose of building a club house, which will be located at Third and Boulder Avenues. It will cost \$40,000.

#### OREGON

**PORTLAND.**—Mrs. C. A. Wells is having plans drawn for a modern apartment of twenty rooms, on the East Side. The site is at the corner of East Glisan and East Twenty-eighth Streets, and the structure will cost \$25,000.

**PORTLAND.**—R. L. Glisan has purchased a site at the corner of Twentieth and Wilson Streets, and will erect a five-story apartment house during the summer.

#### PENNSYLVANIA

**ALTOONA.**—Plans and specifications have been prepared by Architects Shollar & Hersh for the proposed annex to the Adams school building. Bids will be advertised in a week.

**HARRISBURG.**—The Building Committee of the School Board,

G. E. Kraber, chairman, will recommend that a new building be erected to replace the present Hamilton school.

**JOHNSTOWN.**—Contracts will be let soon for the erection of a handsome addition to the First National Bank on Franklin Street. Plans have been drawn by Architect W. R. Myton.

**PHILADELPHIA.**—W. Percival Johnson will build ten two-story houses on Media Street, east of Sixtieth; stores and dwellings at the northeast corner of Sixtieth and Media Streets and northwest corner of Media and Redfield Streets; two houses on Sixtieth Street, north of Media, and two on Redfield Street, north of Media. The total cost will be \$33,700.

Architect E. Allen Wilson is preparing plans for a four-story flat-house at Fortieth and Spring Garden Streets. It will contain four apartments, and will cost \$10,000.

Frank E. Aubel will build eight two-story houses on Wagner Avenue at a cost of \$24,000.

Bids will be received at the office of the Constructing Quartermaster, Twenty-sixth Street and Gray's Ferry Road, until 11 A. M., April 20, for the construction of a fireproof storehouse. Lt.-Col. F. G. Hodgson, Constructing Quartermaster.

The Globe Amusement Company has purchased a site at Fifty-ninth and Market Streets for the erection of a large moving-picture and vaudeville theatre, to cost \$50,000.

A. B. and C. F. Millett will build seven three-story houses on North Broad Street, at a cost of \$38,450.

A \$41,000 building will be erected on Allegheny Avenue for C. Kiely.

S. J. Cairns will erect five two-story houses on Erie Avenue; cost \$16,500.

Edw. W. Diehl has purchased a site at King of Prussia Road and Gypsy Lane and will improve the same by the erection of a \$50,000 residence.

E. Allen Wilson is preparing plans for a \$30,000 store and flat building at Sixty-third Street and Lansdowne Avenue, for Daniel Crawford, Jr., and plans for ten dwellings, costing from \$5,000 to \$15,000 each, at Wynnewood, for Samuel Shoemaker.

Arrangements have been completed for the erection of new institutional buildings at Green Lane and Spencer Street, in the Forty-second Ward, for the Home for Hebrew Orphans. Competitive plans for the new home by Magaziner & Potter have been selected, and bids will be asked shortly.

William C. Benkert has sold property on Marshall Street to a purchaser who will erect on the site a factory at a cost of about \$25,000.

**PITTSBURG.**—G. H. Shickler has purchased the old St. James' Protestant Episcopal Church property at Penn Avenue and Sixteenth Street. Site will be improved with six four-story brick buildings to cost \$120,000. Architect James T. Steen has prepared plans.

**SCRANTON.**—Architects Hartman & Dady have prepared plans for a double frame dwelling to be erected for E. A. Strohl on Taylor Avenue. Cost, \$7,000. Plans have also been prepared by the same architects for a double frame dwelling to be erected for John Coar, at a cost of \$8,500, and one for Edward Evans at a cost of \$5,000.

## SOUTH DAKOTA

**PIERRE.**—Architect William Hoover will receive bids until April 2, for a two-story hotel and residence building for E. L. Brown, of Ft. Pierre.

**WATERTOWN.**—Bids will be received until 7 P. M., April 23, for the construction, exclusive of the heating, plumbing and ventilating, of the central high school. H. D. Rice, Clerk, Board of Education.

## TENNESSEE

**BRISTOL.**—A \$25,000 building, to be used as a boarding hall, will be erected at King College at once.

**HUNTINGDON.**—Plans are well under way by the Methodists for the erection of a new and modern church at the corner of Nashville and Church Streets. Architect Hugh McGee, of Jackson, is preparing plans. Cost \$7,000.

**NASHVILLE.**—Plans are being considered for the remodeling of the County Court House. Another story will be added. T. L. Herbert, chairman of Building Committee.

**SHELBYVILLE.**—United States Treasury officials have selected a site on Martin Street for the proposed \$50,000 Federal building. Bids will be opened at an early date.

## TEXAS

**HANDLEY.**—Citizens will vote April 24 on \$20,000 bonds for the erection of a new school building.

**WACO.**—Plans have been accepted by the Congregation Rodef Sholom for the erection of a new synagogue, which, when completed and furnished, will cost \$25,000. The specifications were prepared by Scott & Lane, of this city. Bids will soon be asked for construction.

**WICHITA FALLS.**—United States District Attorney W. H. Atwell has purchased a site for the proposed Federal Building. Work will begin soon.

## UTAH

**AMERICAN FORK.**—The Directors of the Dickerson Automatic Governor Company have decided to increase their plant for the manufacture of their governors. The building will be enlarged and the capacity of the shops increased by the addition of new machinery. They expect to spend \$10,000.

**MANTI.**—The stockholders of the proposed new Opera House have selected a site on Main Street for the erection of a \$20,000 building. W. C. Snow is secretary of the company.

**MURRAY CITY.**—City has accepted the offer of \$5,000 from Andrew Carnegie for the erection of a public library.

**SALT LAKE CITY.**—The State Senate has passed a bill authorizing the State Armory Board to erect a new State Armory on the Capitol grounds; \$85,000 will be expended on the erection of the building.

## VERMONT

**BARRE.**—Bids will be received until 3 P. M. April 26 by James Knox Taylor, Supervising Architect, Treasury Department, Washington, D. C., for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring) of the U. S. post-office.

## VIRGINIA

**FORTRESS MONROE.**—Bids will be received by Ernest R. Tilton, Captain and Construction Master, for the construction, heating, plumbing and electric lighting for addition to post exchange until April 9.

## WASHINGTON

**BREMERTON.**—Bids will be received by R. C. Hollyday, chairman of Bureau of Yards and Docks, Navy Department, Washington, D. C., until 11 A. M. April 24, for constructing three buildings and their connecting passages for the Naval Hospital at the U. S. Navy Yard, Puget Sound, Washington.

**SEATTLE.**—Seattle and King County public schools will have a building at the A.-Y.-P. Exposition for demonstration and exhibition purposes, and plans are now under preparation by Saunders & Lawton, architects. The estimated cost of the educational building is \$8,000 and it will be completed by May 1.

## WEST VIRGINIA

**ELKINS.**—The Odd Fellows will expend \$150,000 on the grounds and buildings for the proposed Odd Fellows' Home.

## WISCONSIN

**CUMBERLAND.**—Citizens have voted a \$25,000 bond issue to erect a City Hall. Plans and specifications will be prepared at once.

**GREEN BAY.**—The trustees of Washington Lodge No. 21, F. S. A. M., have been authorized to receive bids for the erection of the proposed \$45,000 temple.

Sketches and specifications for the proposed Agricultural and Teachers' Training School submitted by Architects Foeller & Schober have been accepted by the Special School Committee of the County Board. Cost, \$45,000.

**JANESVILLE.**—Between \$20,000 and \$25,000 will be expended in an addition to the plant of the Wisconsin Carriage Company should the Council grant the petition for an overhead tramway by means of which the carriage company propose to connect the new addition with the old buildings.

**OSHKOSH.**—The First Presbyterian Church, A. M. Ayers, pastor, has not yet selected an architect for the proposed gymnasium.



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2

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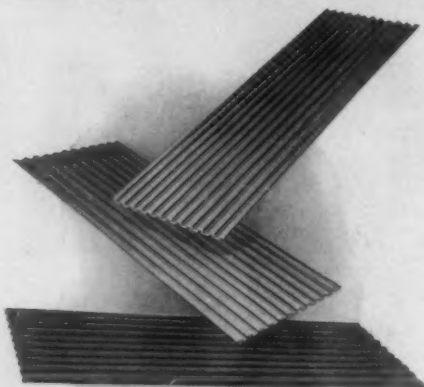


Figure 1—THE MATERIAL

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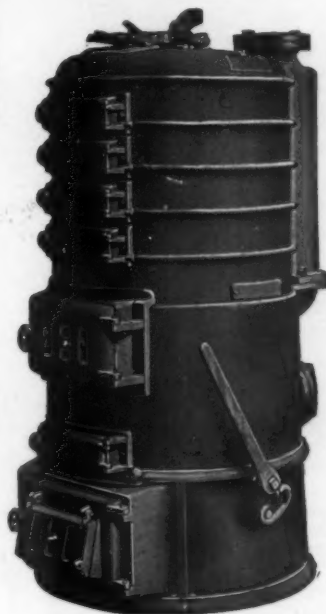
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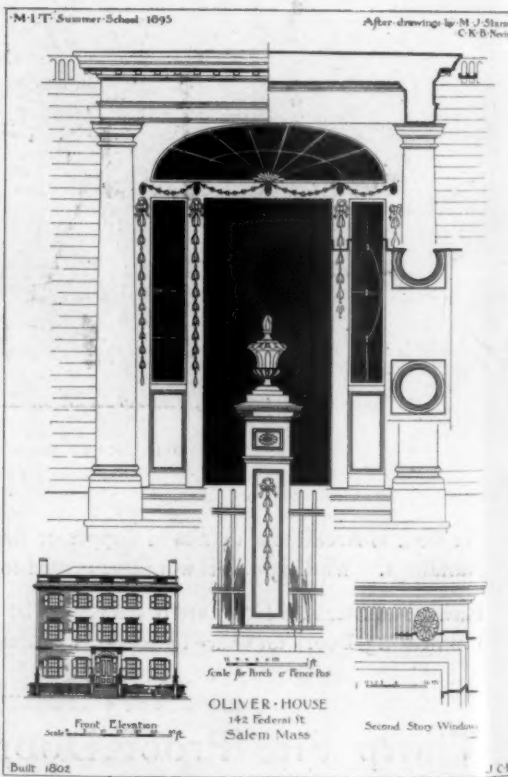
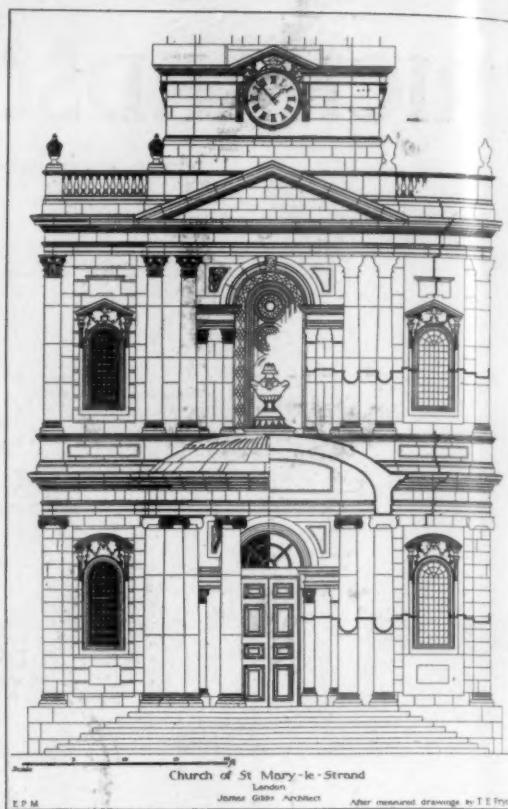
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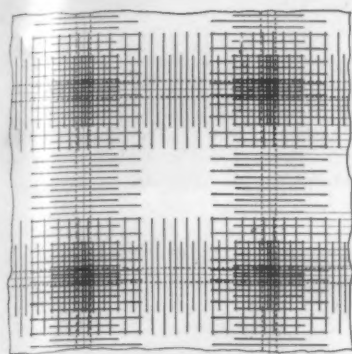
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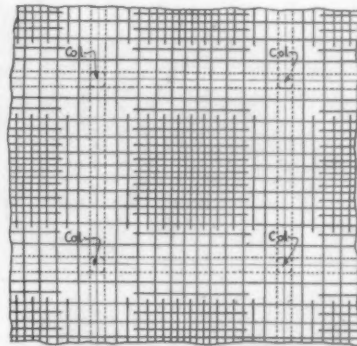
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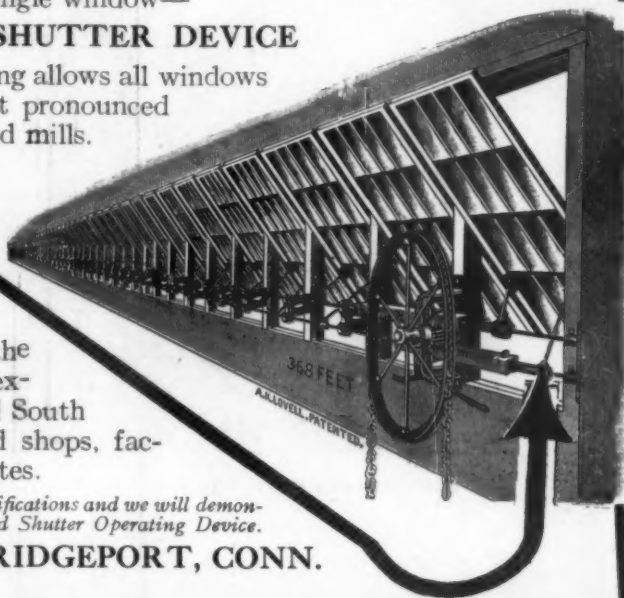
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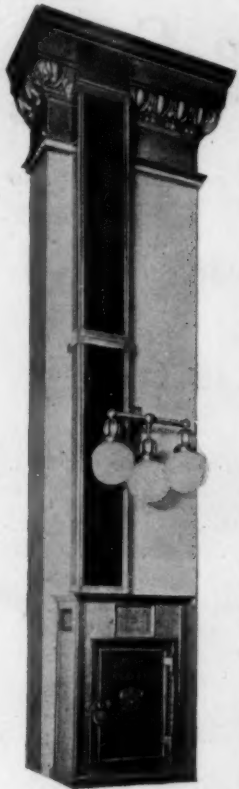
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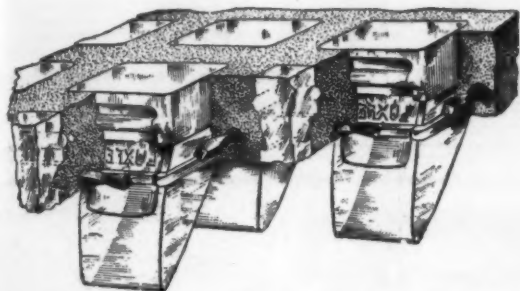
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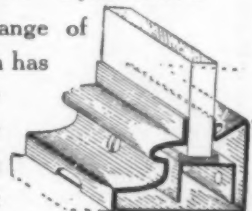
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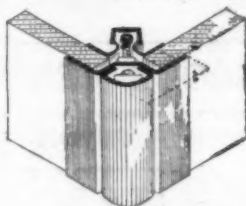
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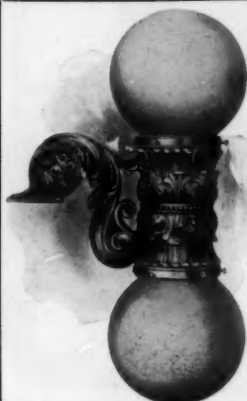
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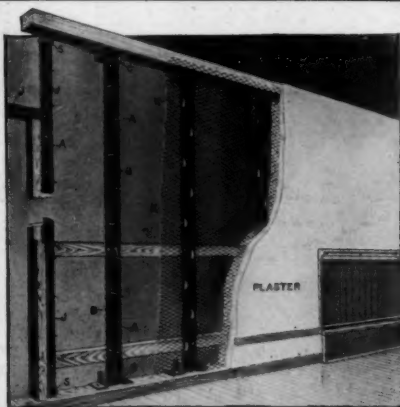
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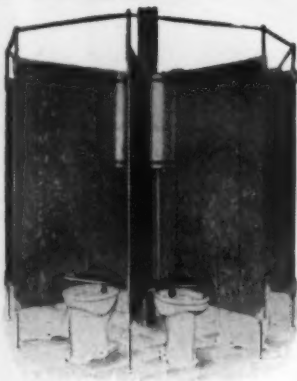
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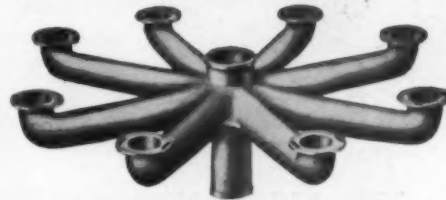


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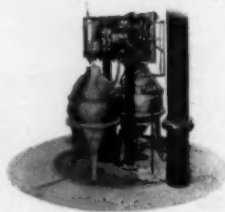
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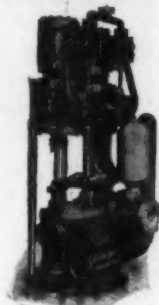
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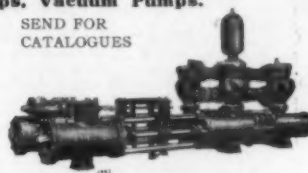
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p.m. on the 1st day of February, 1909, and then opened, for the construction (complete) of the U. S. Post Office at Fayetteville, Ark., in strict accordance with the drawings and specification, copies of which may be had at this office or at the office of the Postmaster at Fayetteville, Ark., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1723-24)

Treasury Department, Office of the Supervising Architect, Washington, D. C., December 24, 1908.—Sealed proposals will be received at this office until 3 o'clock p.m. on the 4th day of February, 1909, and then opened, for the construction (complete) of the extension to the U. S. Post Office and Court House at San Antonio, Texas, in accordance with the drawings and specification, copies of which may be had at this office, or at the office of the Custodian at San Antonio, Texas, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1723-24)

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Proposals shall be accompanied by a certified check in the sum of 5 per cent. of the amount of the proposal, and the contractor to whom the award is made will be required to furnish surety company's bond in the sum of 50 per cent. of the amount of contract. The right is reserved to reject any and all bids.

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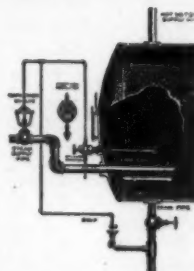
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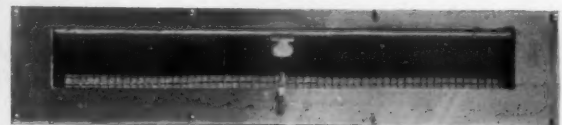
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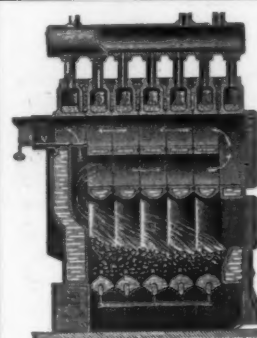


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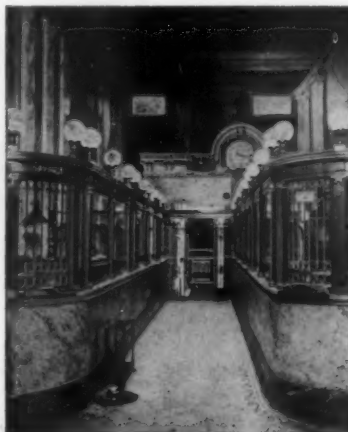
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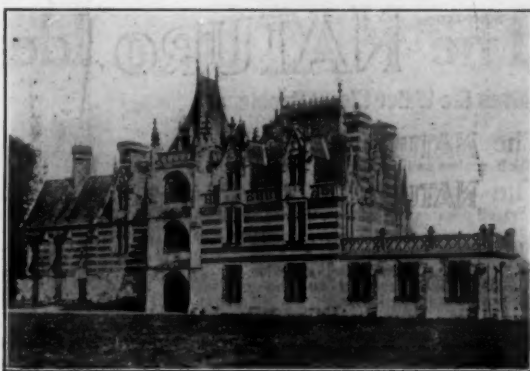
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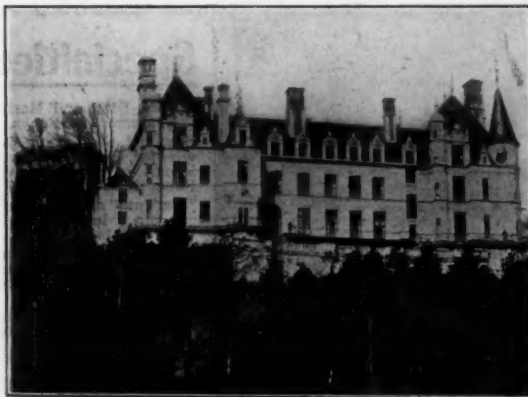
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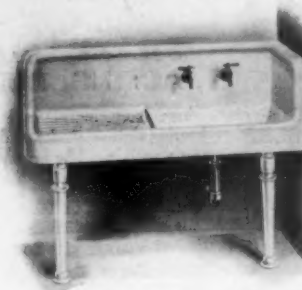


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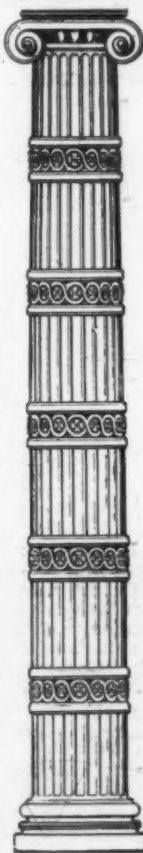
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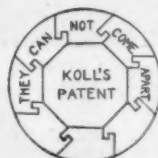
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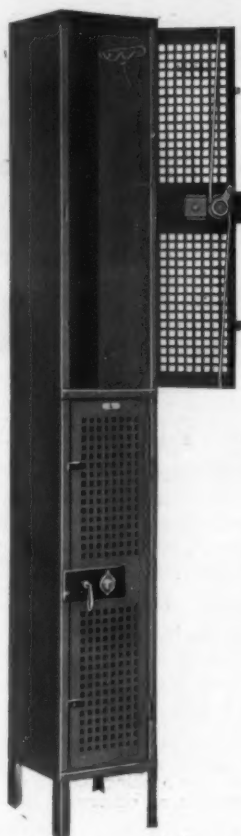
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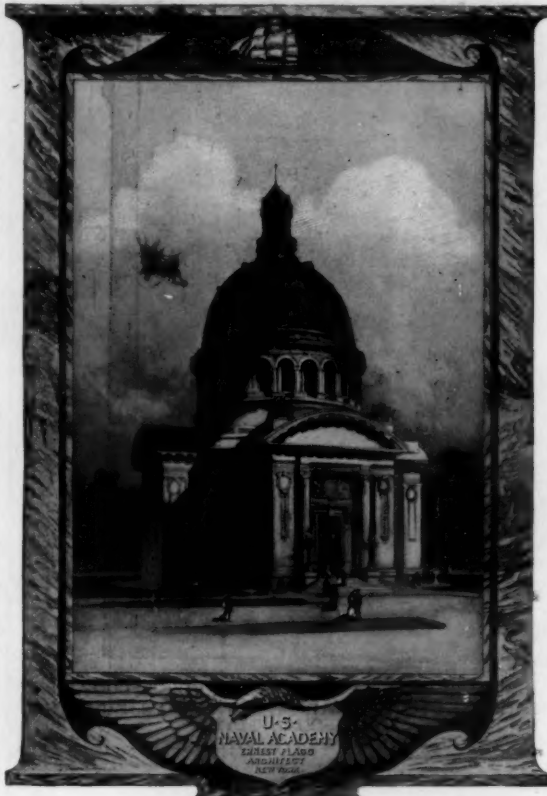
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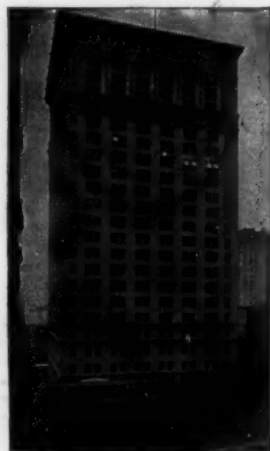
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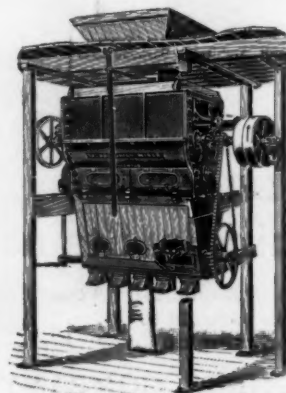
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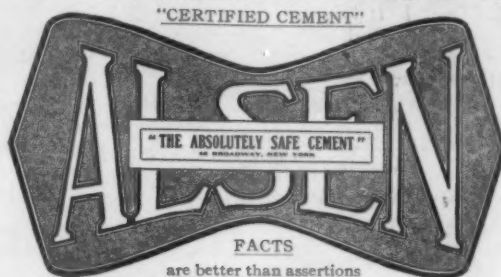
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VOLUME  
XCV

JANUARY 13, 1909

NUMBER  
1725

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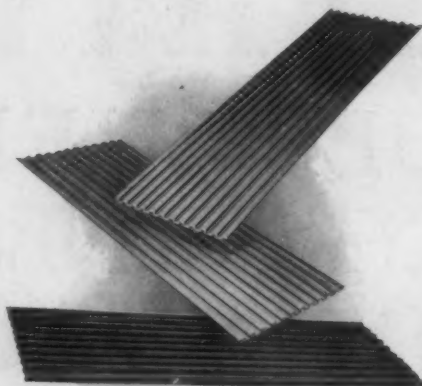
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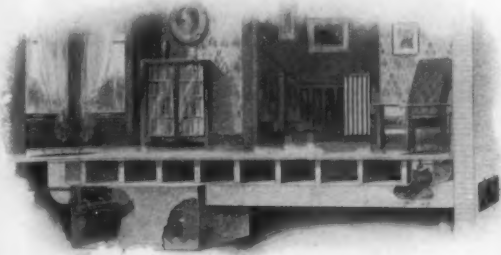
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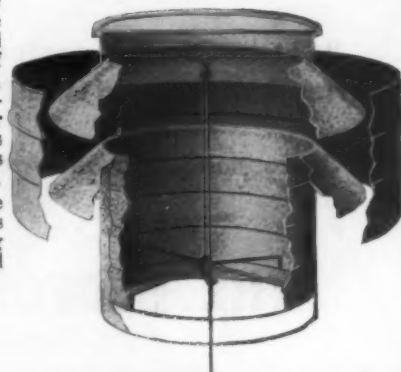
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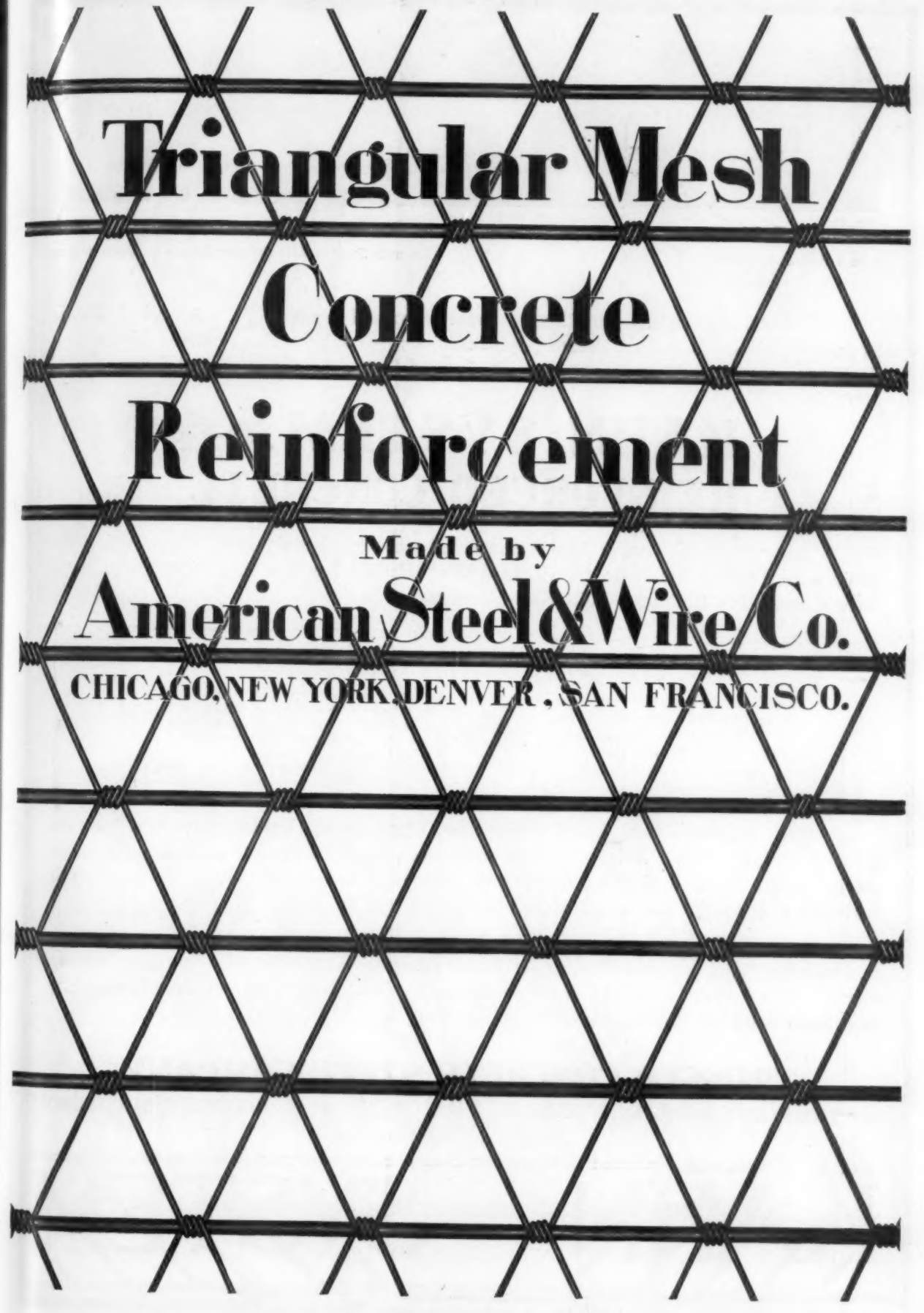
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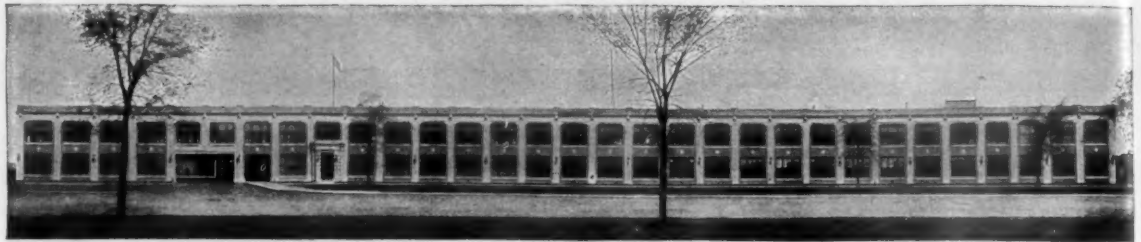


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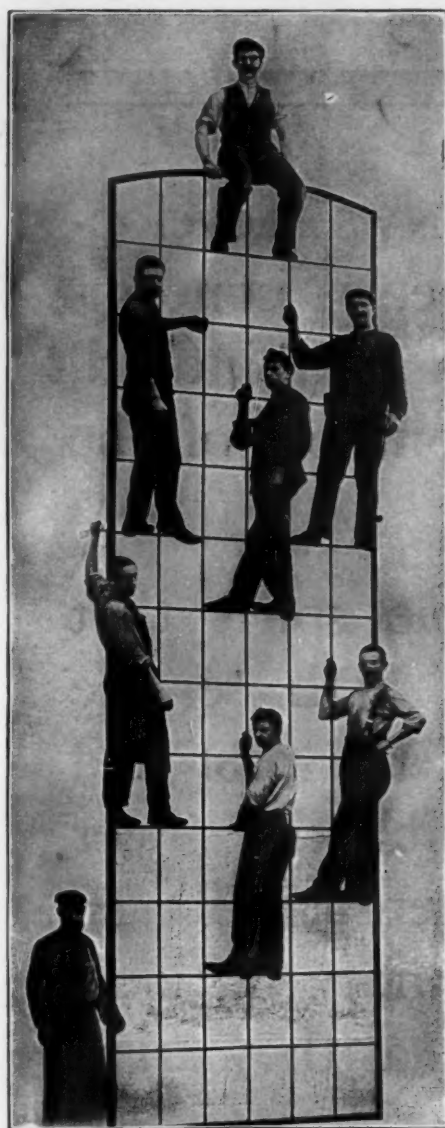
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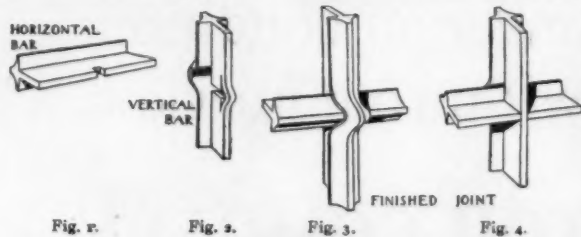


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

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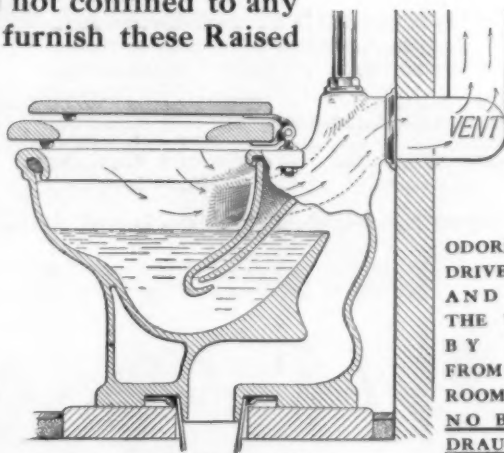
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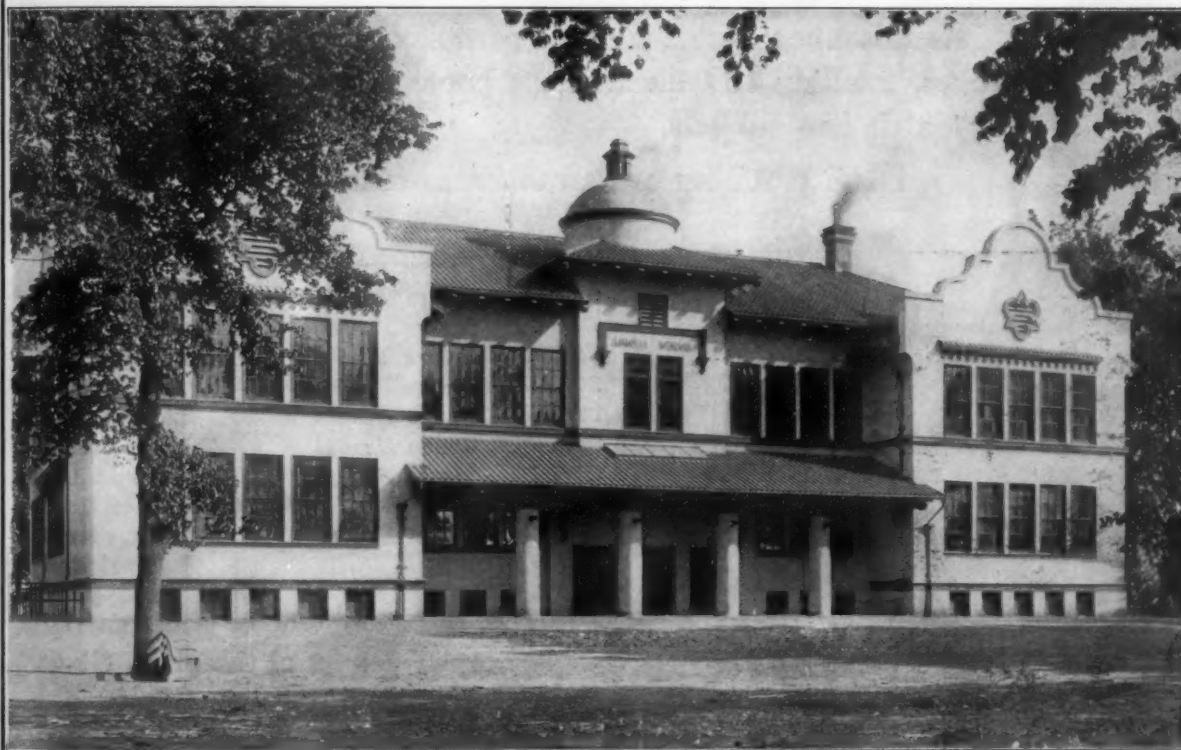
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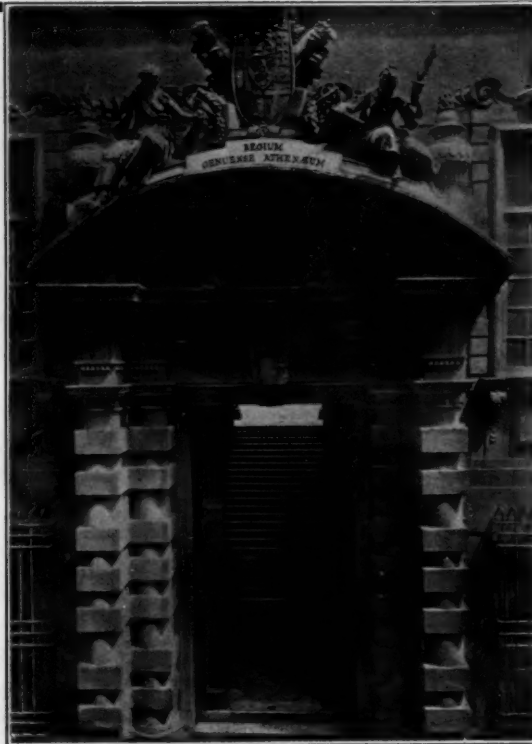
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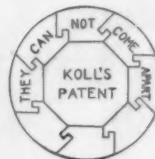
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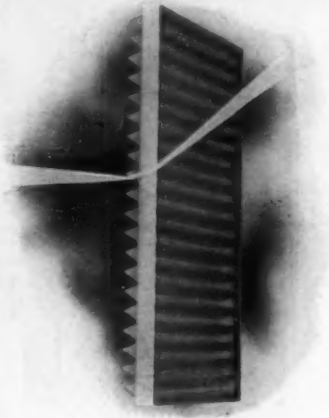
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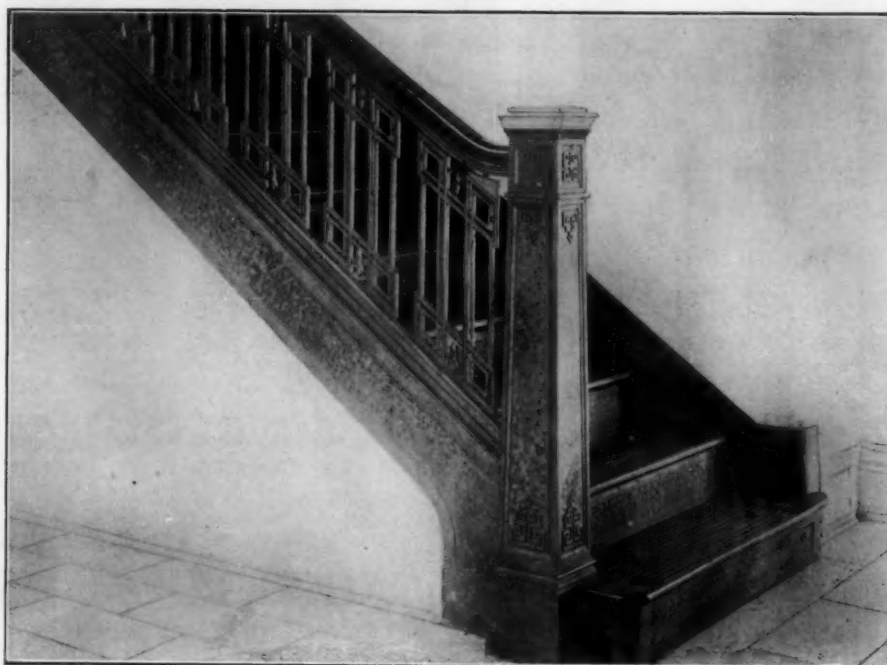
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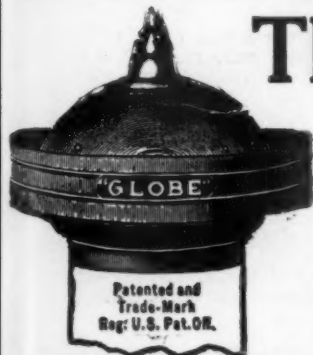
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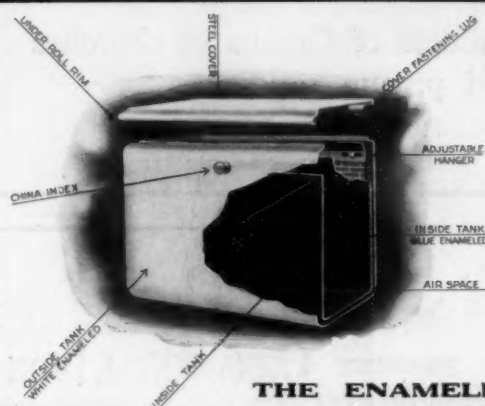
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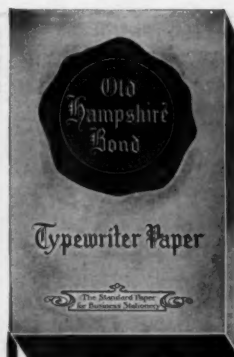
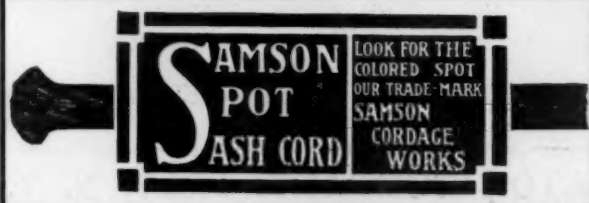
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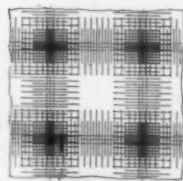
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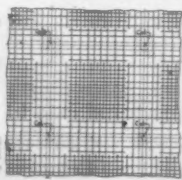
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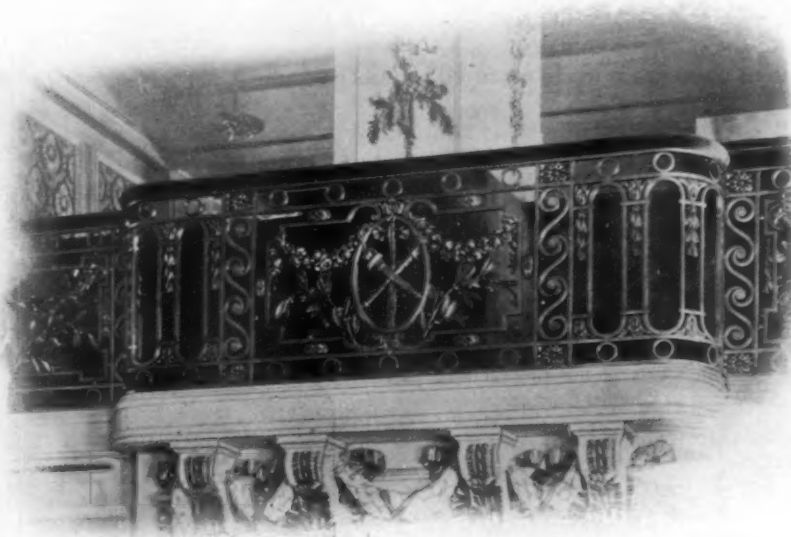
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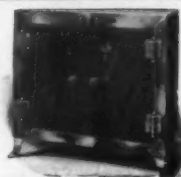
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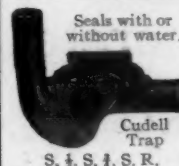
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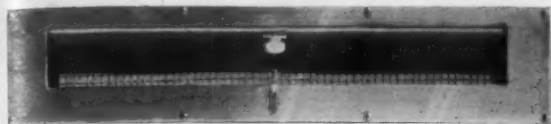
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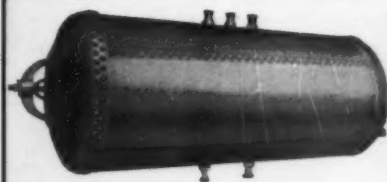
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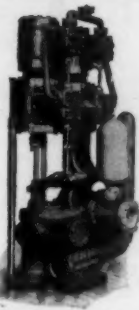
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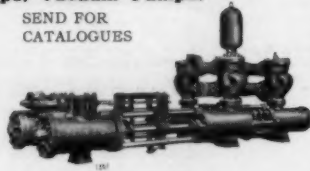


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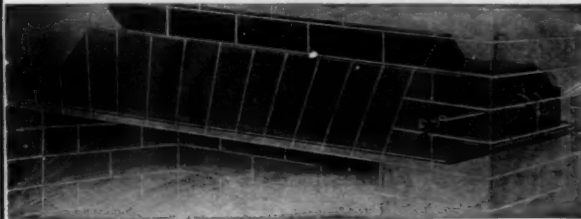
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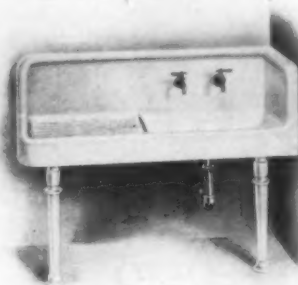


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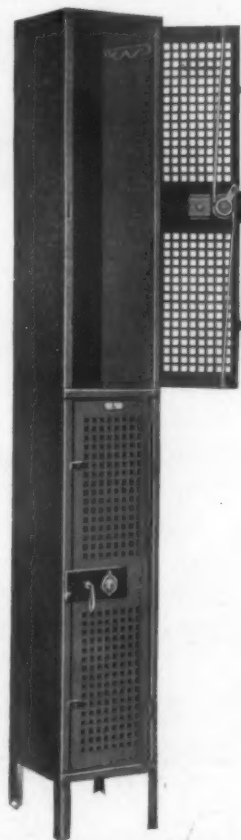
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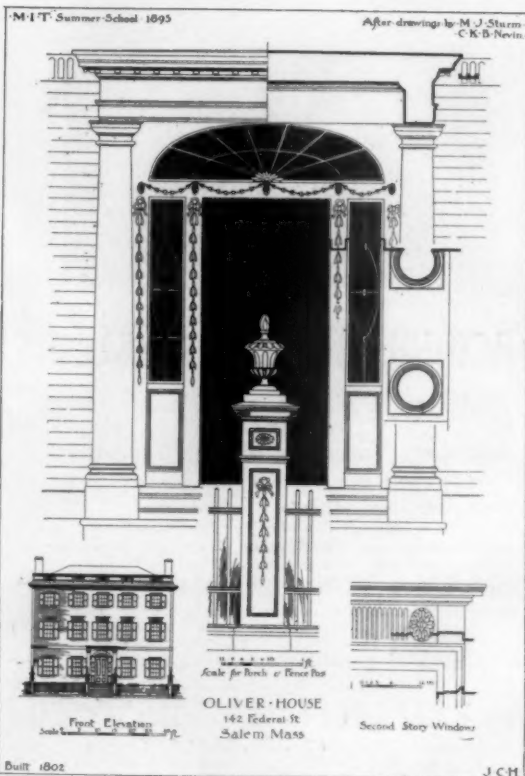
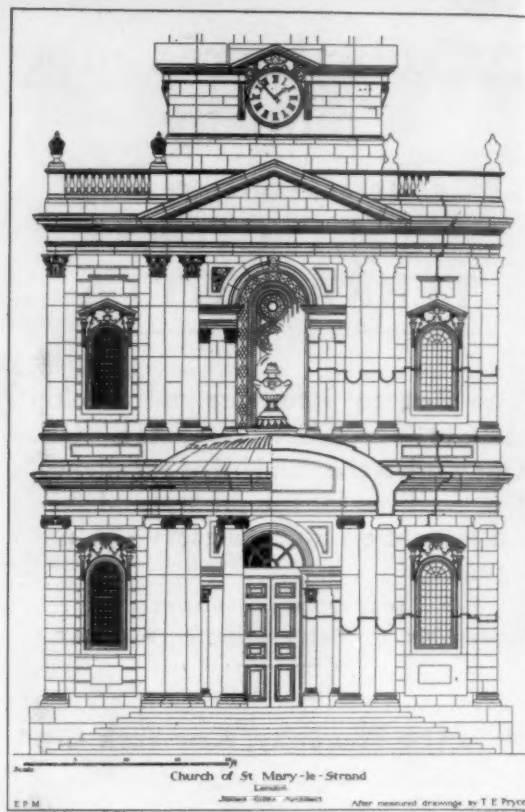
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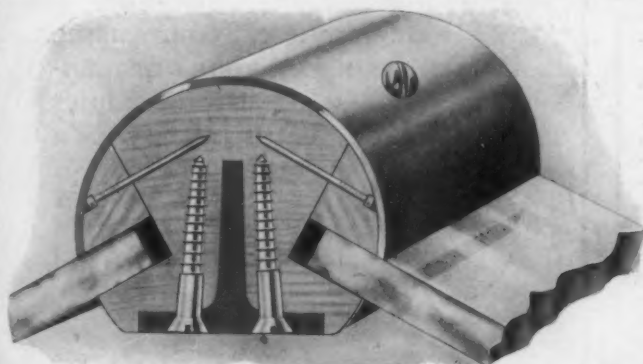
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JANUARY 20, 1909

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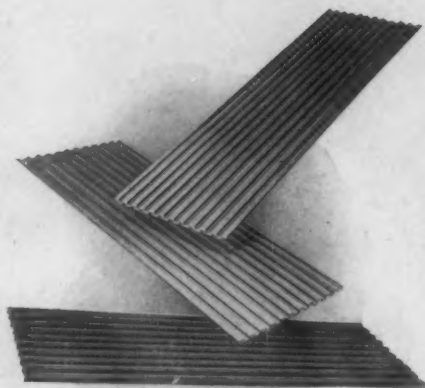


FIGURE 1—Showing Material.

building walls, ceilings, floors, roofs, arches, stairways, cornices, or other surfaces.

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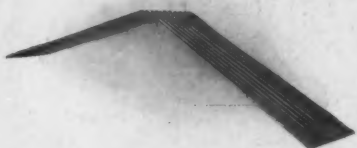


FIGURE 2—Showing Ease in Making Angle.

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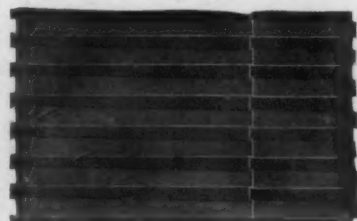


FIGURE 3—Showing Method of dovetailing together.

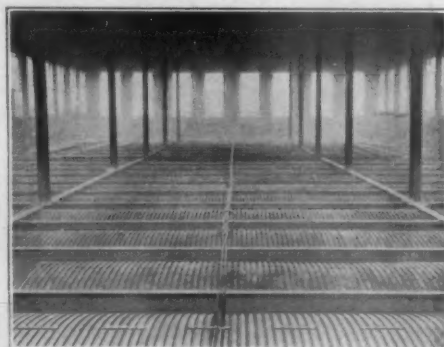


FIGURE 4—Showing use in Segmental Arched Floor Work.

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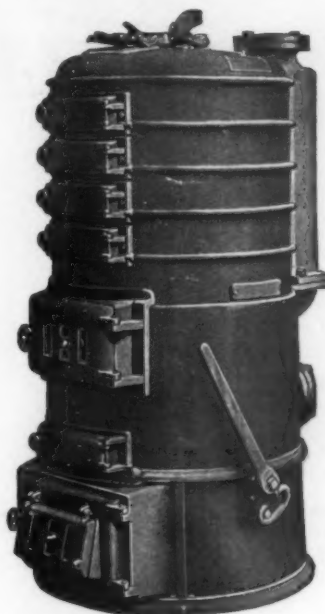
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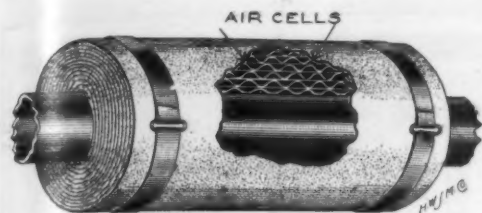
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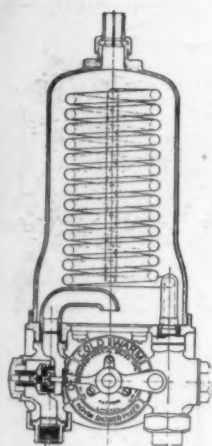


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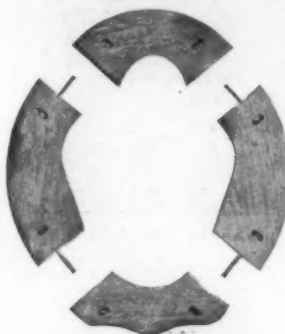
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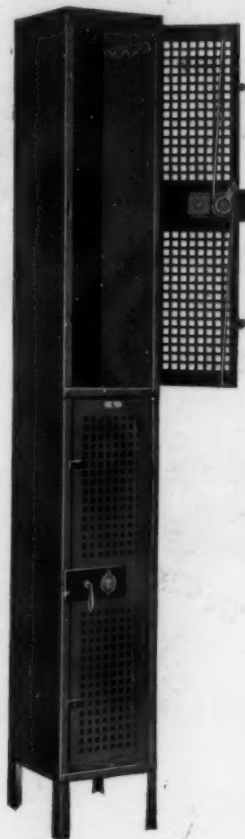
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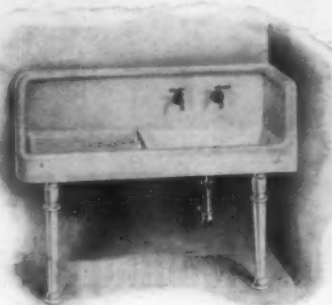


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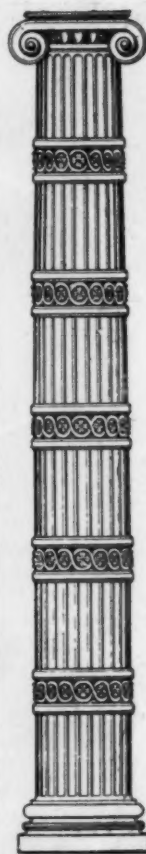
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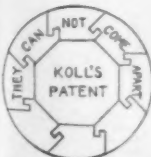
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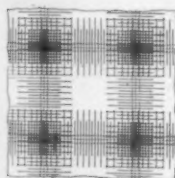
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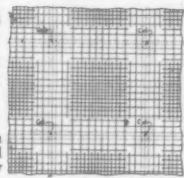
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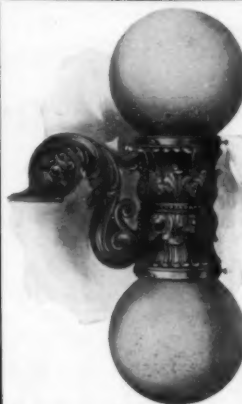


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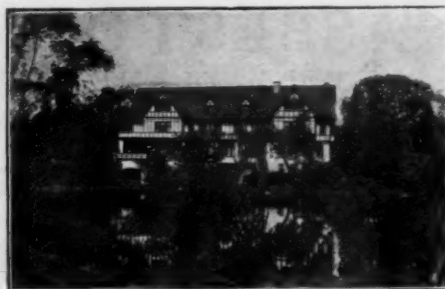
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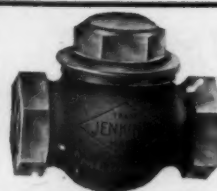
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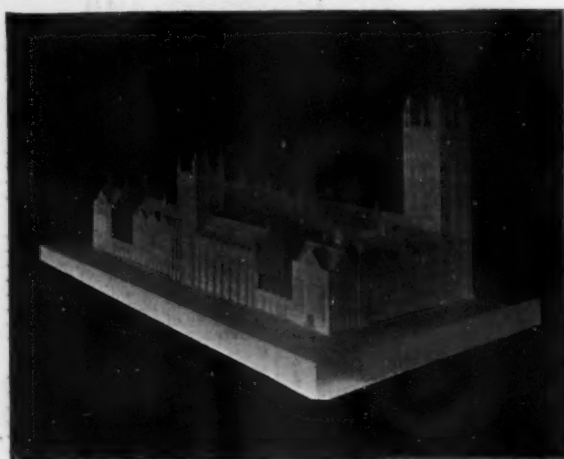


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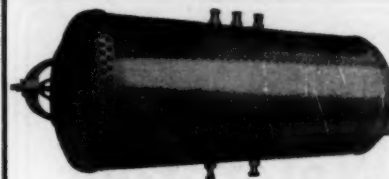
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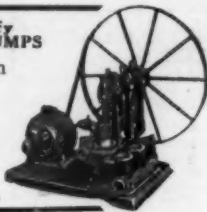


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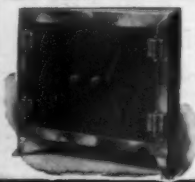


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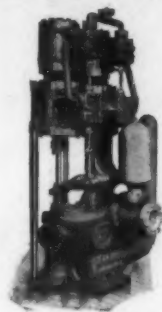
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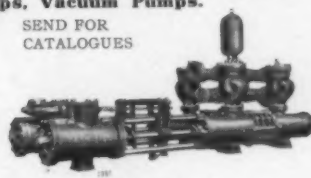


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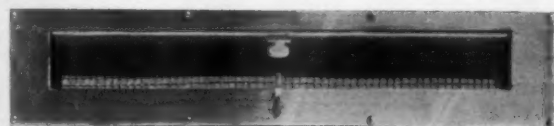
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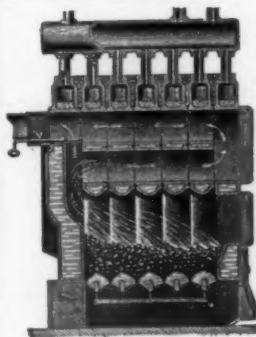


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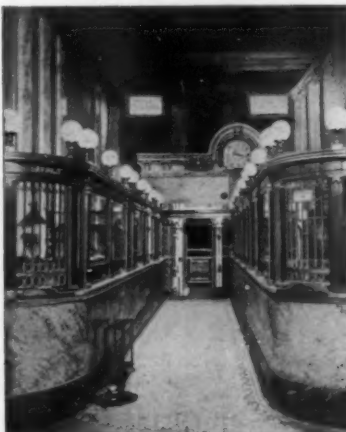
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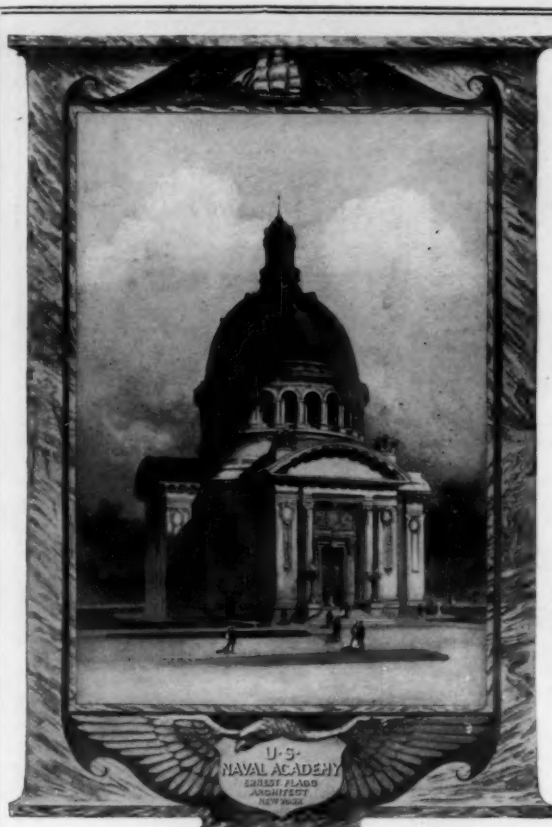
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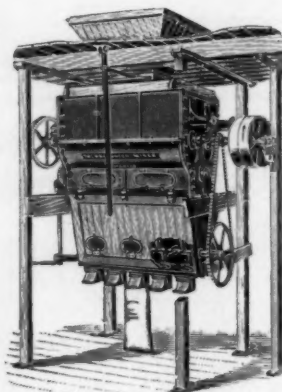
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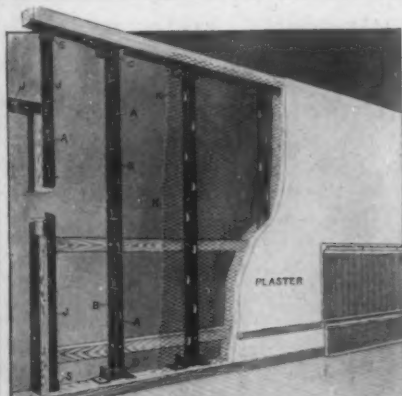
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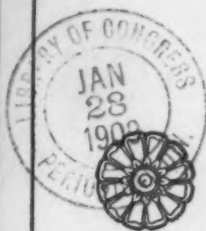


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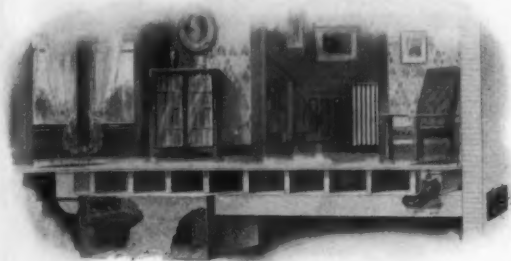
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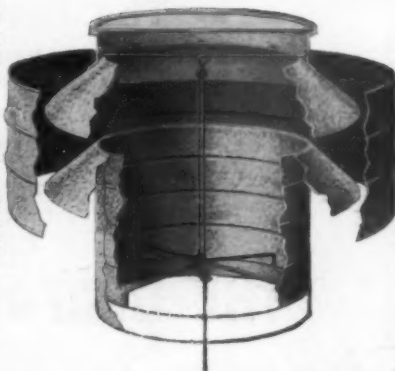
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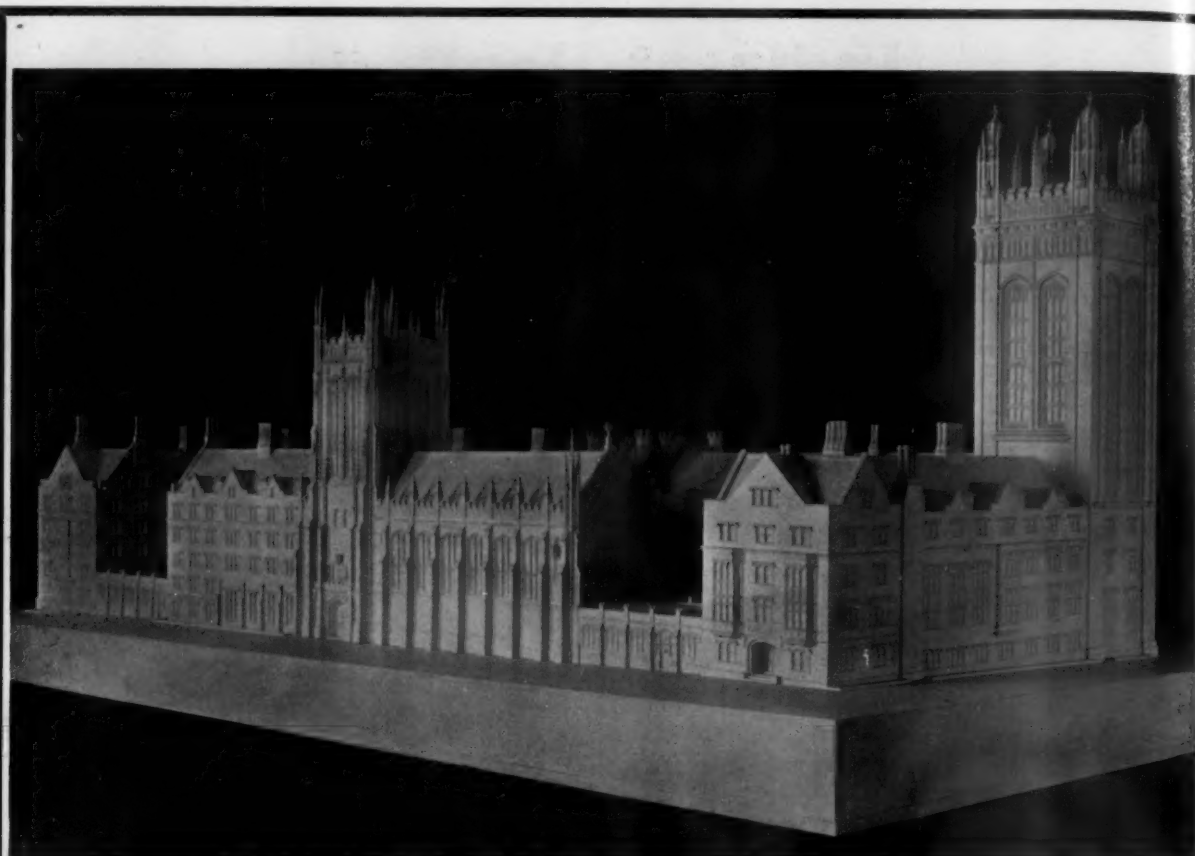
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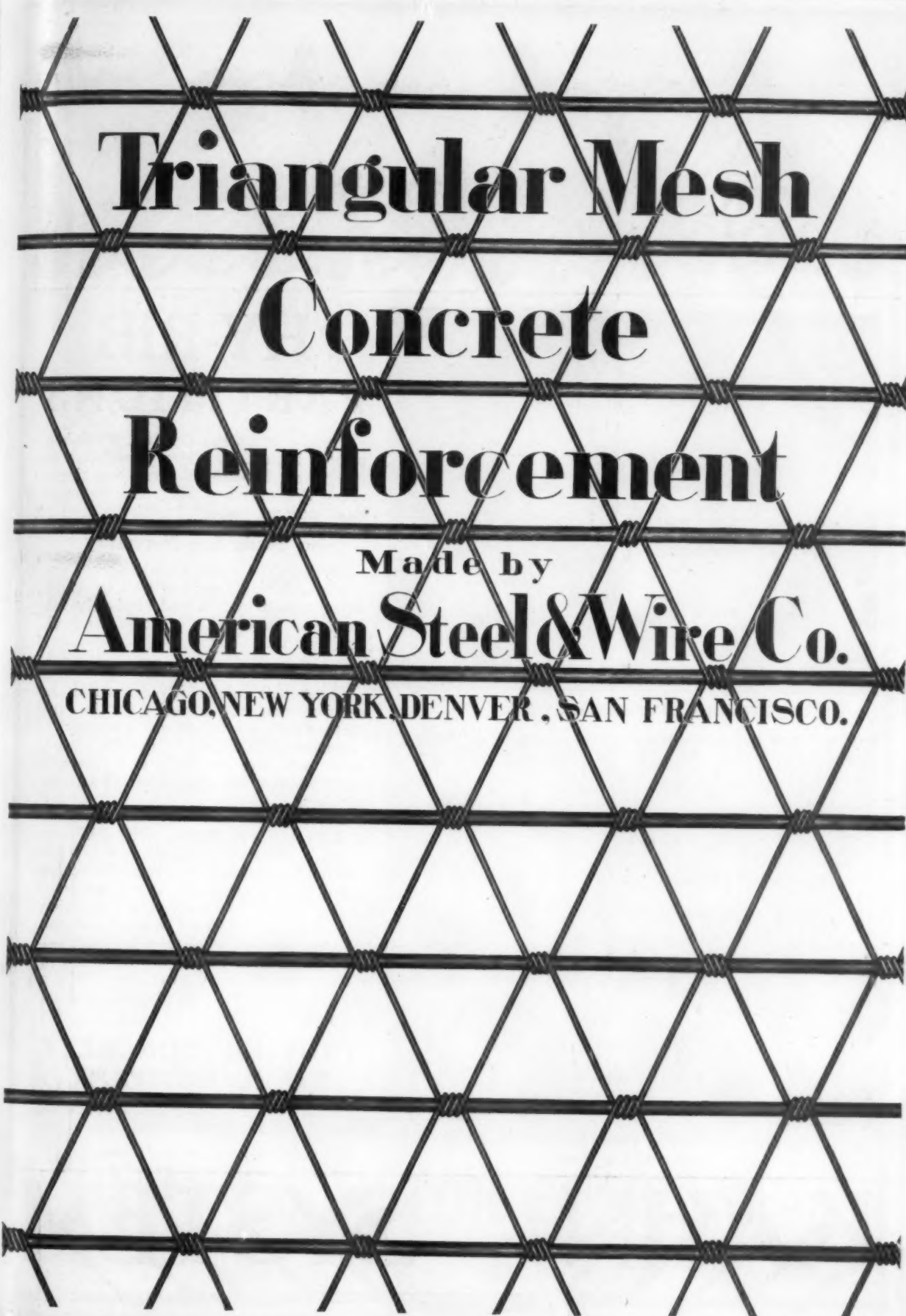
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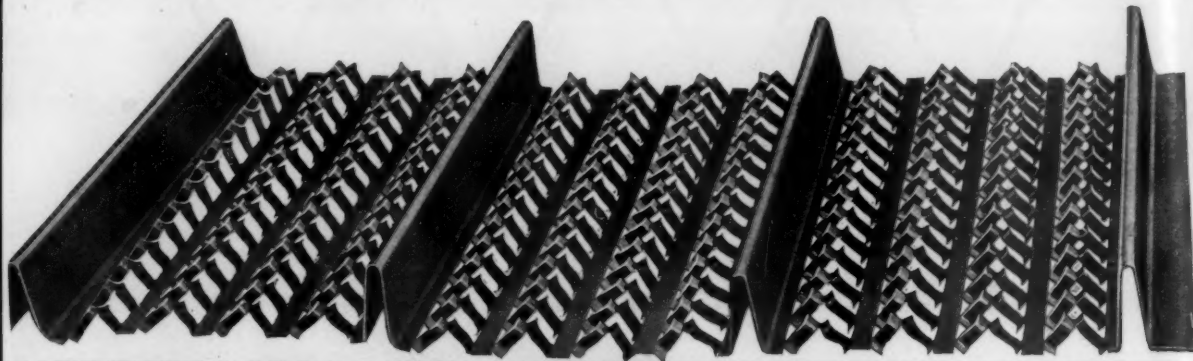
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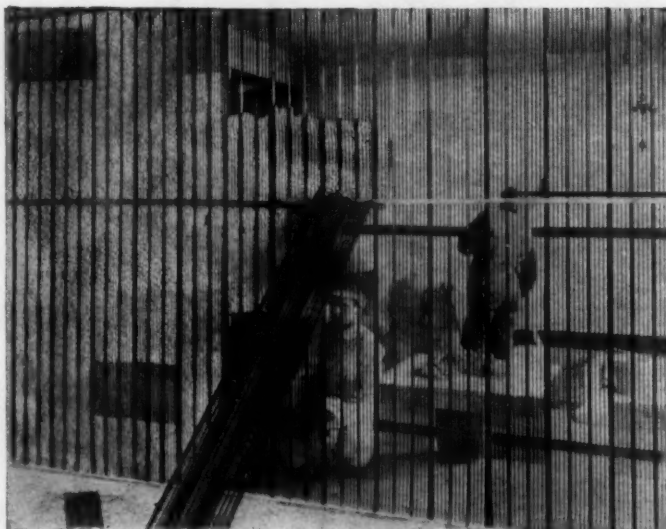


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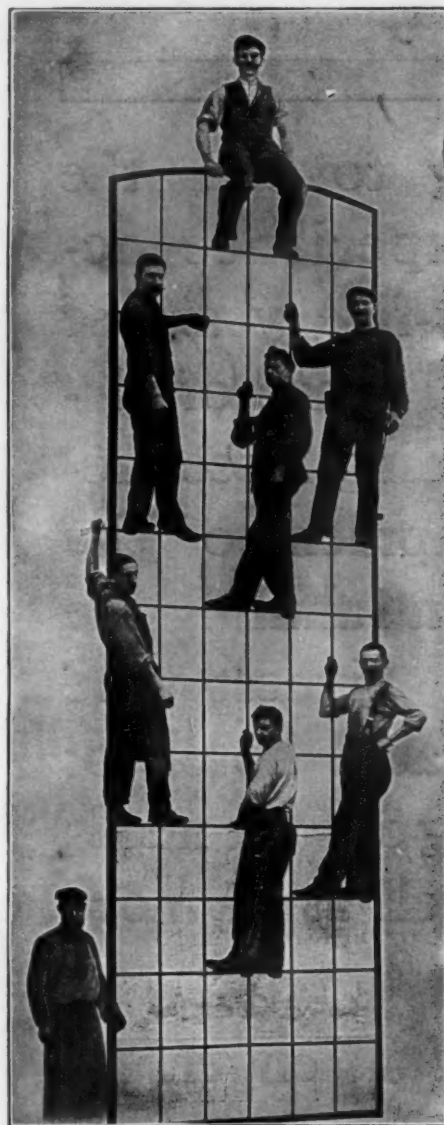
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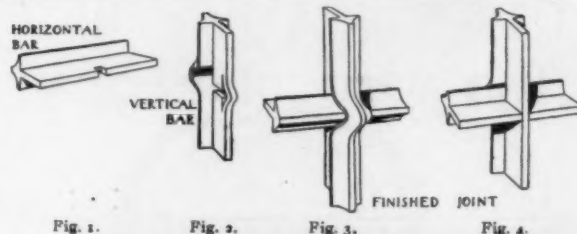


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

## THE "FENESTRA" JOINT

In the "Fenestra" joint, as can be seen above, a small cross slot is made in one of the bars (Fig. 2), only sufficiently large to allow the flange of the other bar (Fig. 1) to pass through it. The moulded portion of the bar (Fig. 2) is then hydraulically pressed out far enough to allow of the moulded portion of the other bar (Fig. 1) to pass between it and its flange.

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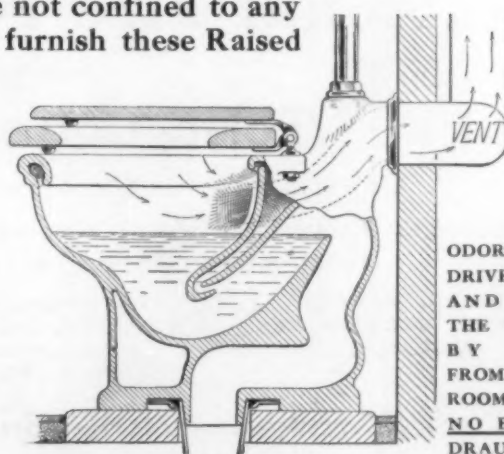
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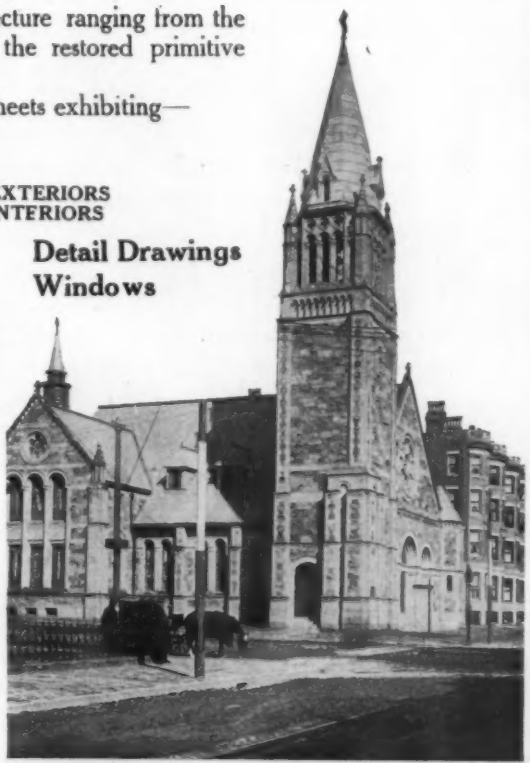
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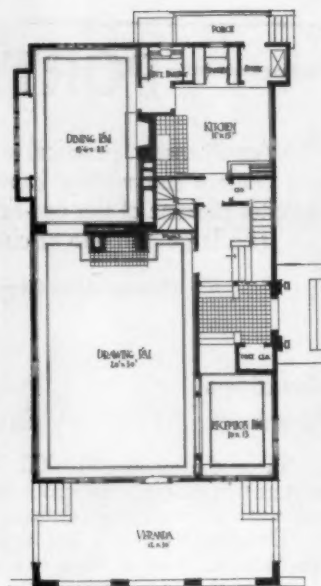
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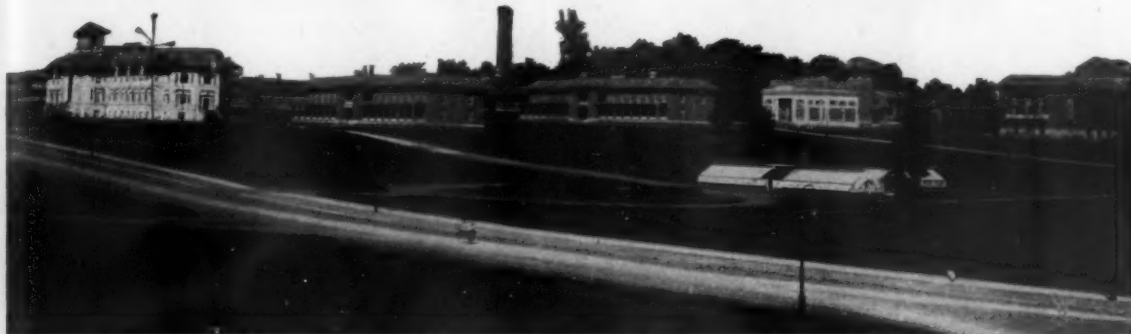


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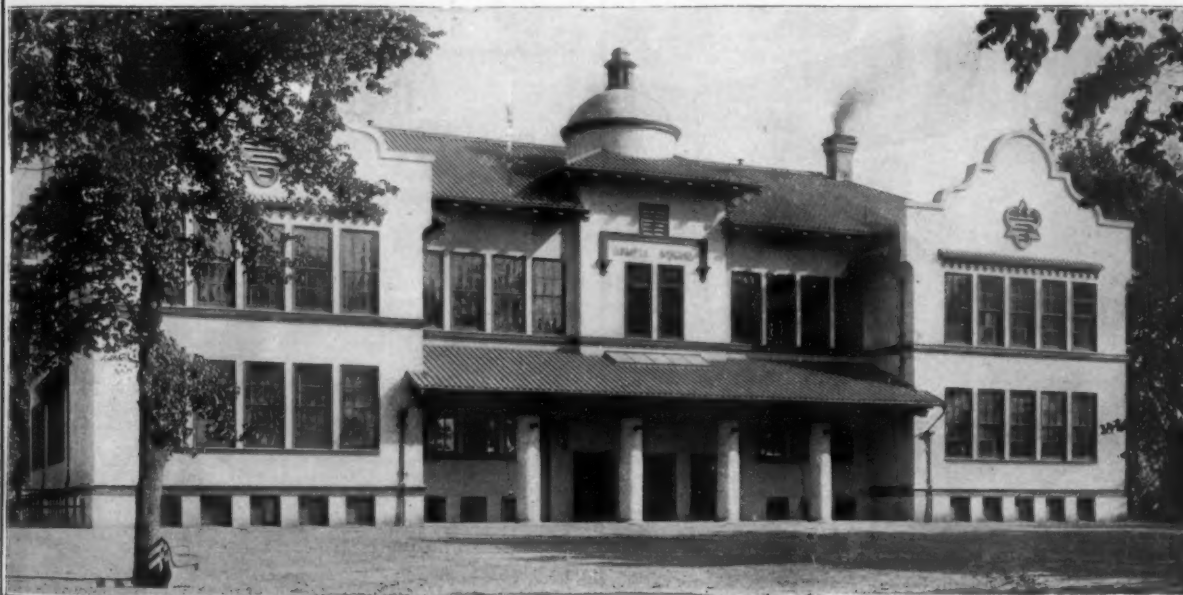


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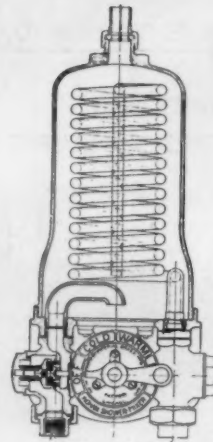
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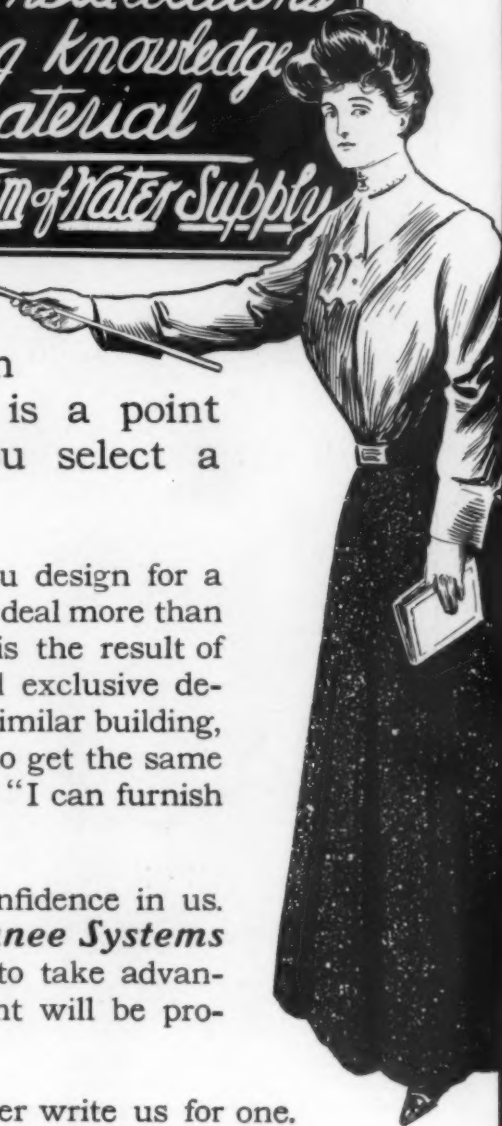
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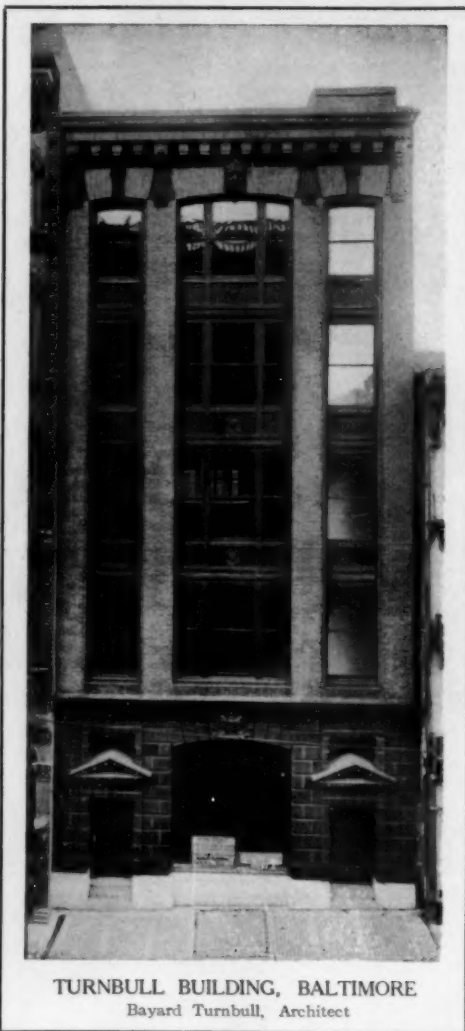
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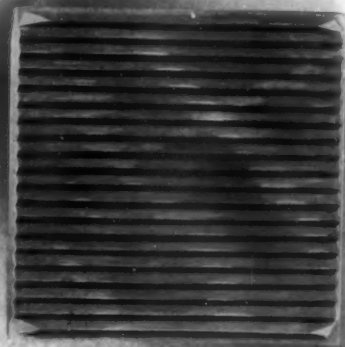
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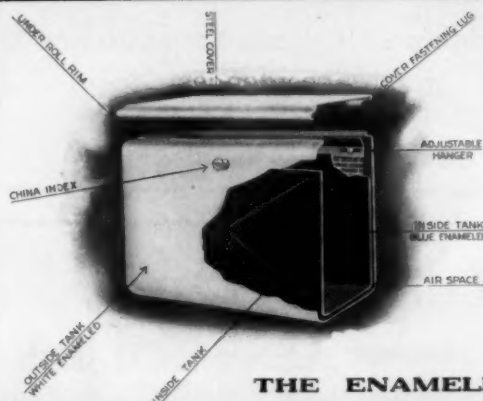


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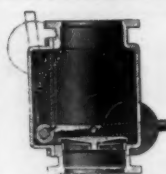
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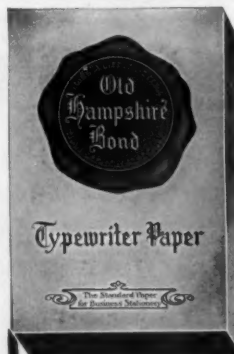
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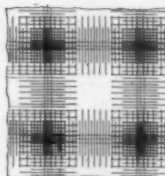
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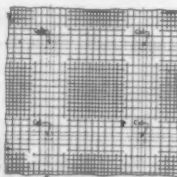
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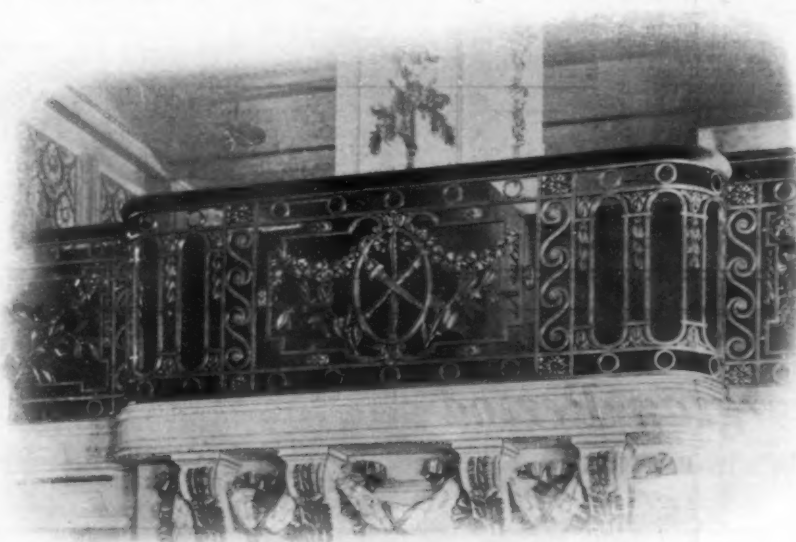
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Sealed proposals in duplicate for the furnishing of all labor and materials necessary for the construction of the Capitol Building of Porto Rico, estimated in the approved project at two hundred and seventy-five thousand dollars (\$275,000), will be received

at this Office until 10 A. M., March 8th, 1909, and then publicly opened.

All necessary information, blank forms of proposals and instructions to bidders will be furnished on application to this Office or to the Office of Mr. Frank E. Perkins, Architect, 1133 Broadway, New York City. Contractors wishing to take copies of the plans and specifications from the office may do so by leaving a deposit of \$100, at either of the above offices, for the safe return of the plans.

The right is reserved to reject any or all bids.

LAURENCE H. GRAHAME,  
Commissioner of the Interior.

(1726-7-8)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 18, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 23d day of February, 1909, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office and Court House at Roanoke, Virginia, in accordance with drawings and specifications, copies of which may be obtained from the Custodian at Roanoke, Va., or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1727-28)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 20, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 3rd day of March, 1909, and then opened, for the construction complete (except elevator) of an extension to the U. S. Post Office, Court House, etc., at Augusta, Georgia, in accordance with the drawing and specifications, copies of which may be had at this office or at the office of the postmaster at Augusta, Ga., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1727-28)

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Proposals shall be accompanied by a certified check in the sum named in the specification, and the contractor to whom the award is made will be required to furnish surety company's bond in the sum named in the specification. The right is reserved to reject any and all bids.

Drawings and specifications may be consulted and blank forms of proposals obtained at the New York State Agricultural and Industrial School, Industry, N. Y., or at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y.

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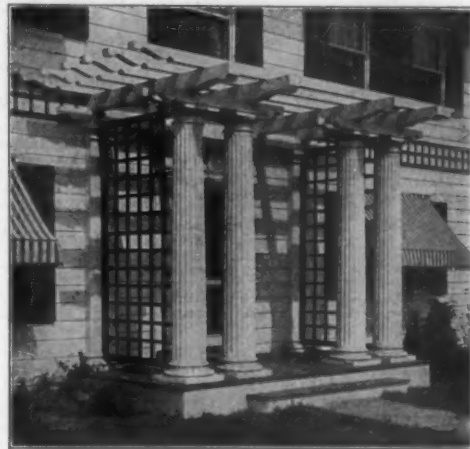
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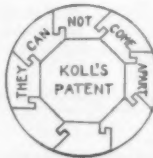
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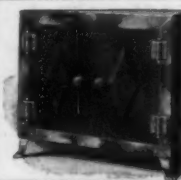
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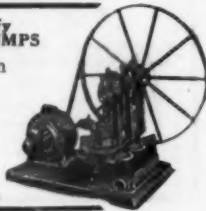
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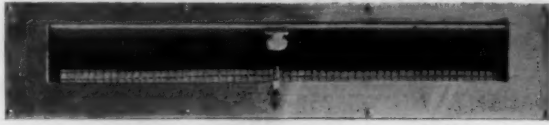
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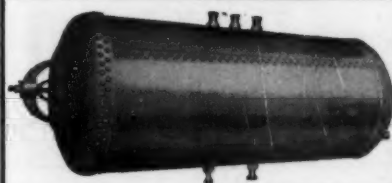
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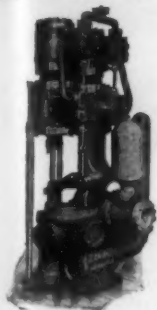
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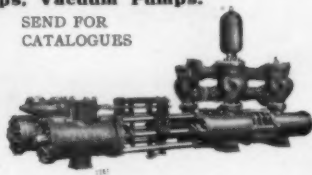
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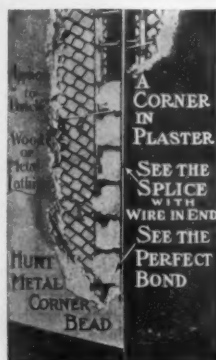
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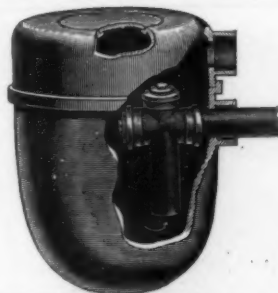
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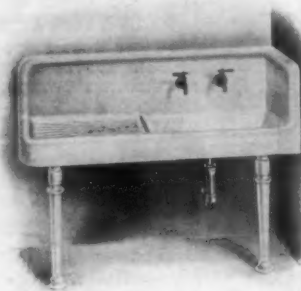


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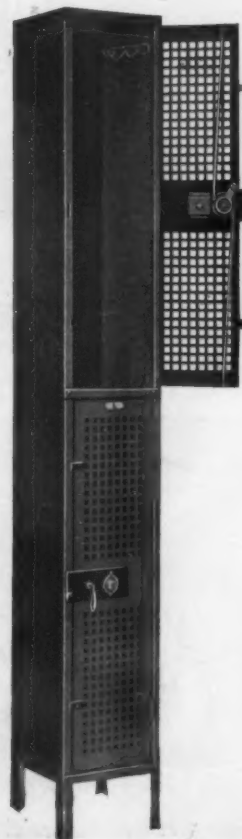
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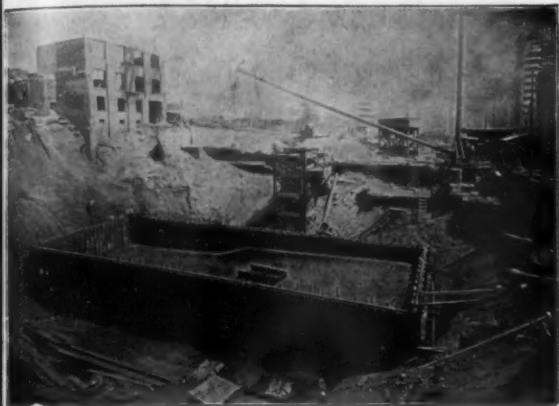




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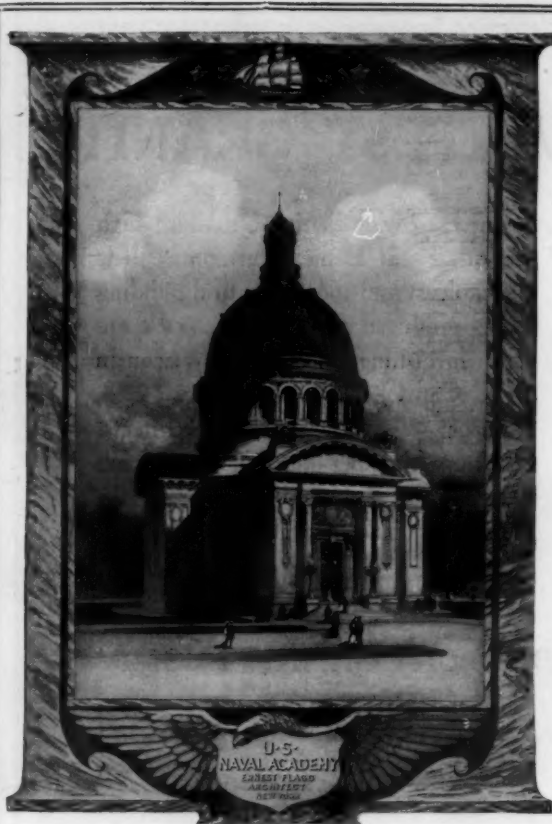
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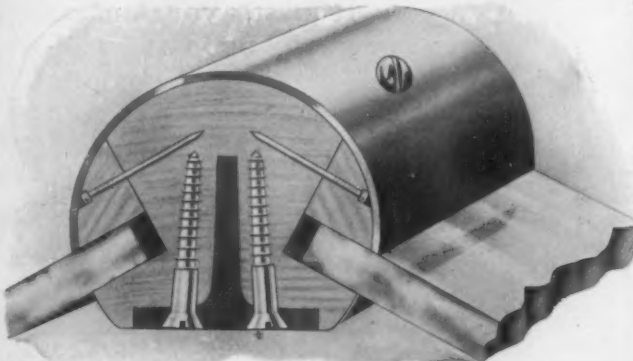
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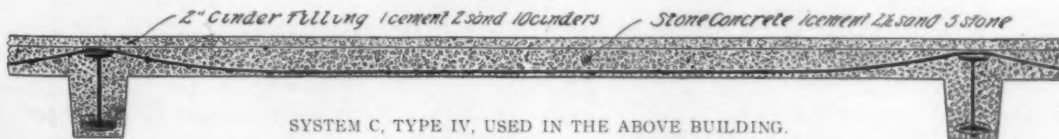


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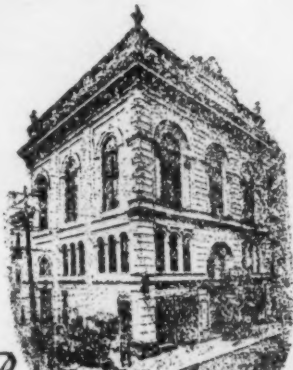
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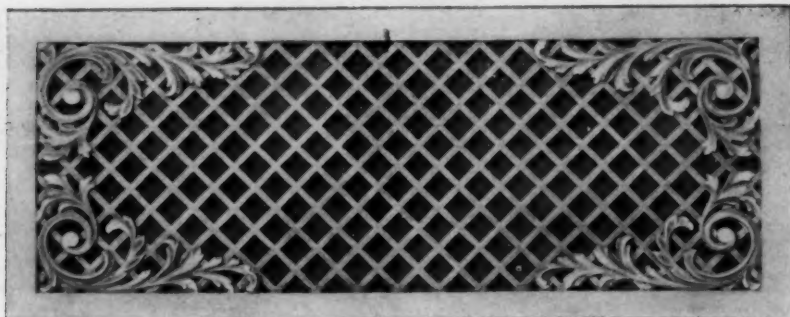
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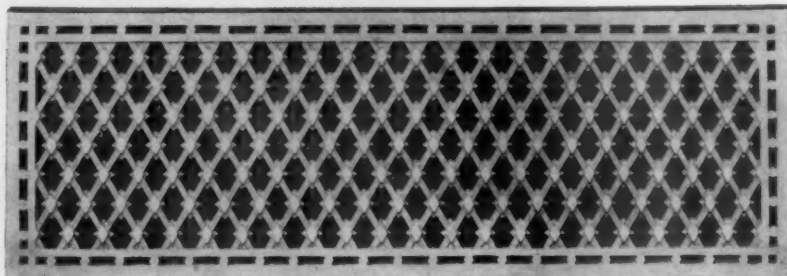
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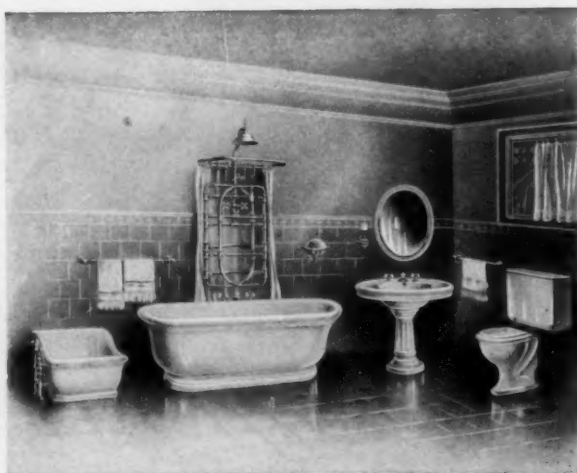
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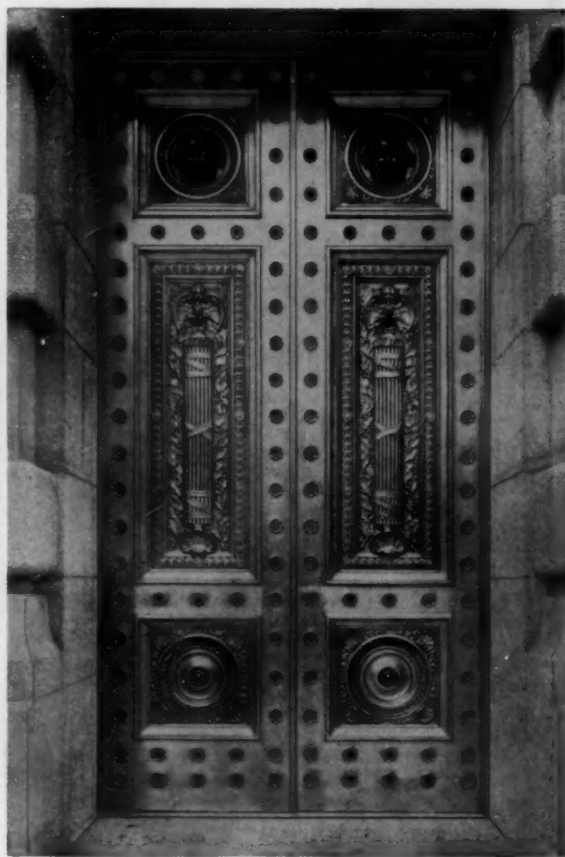
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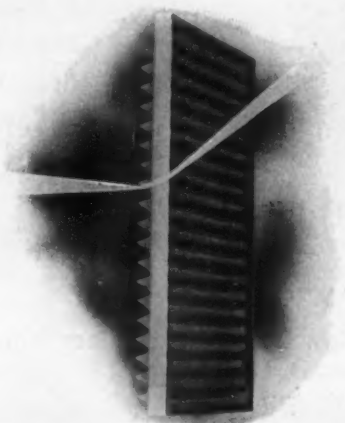
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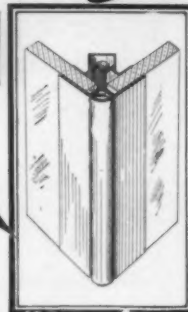
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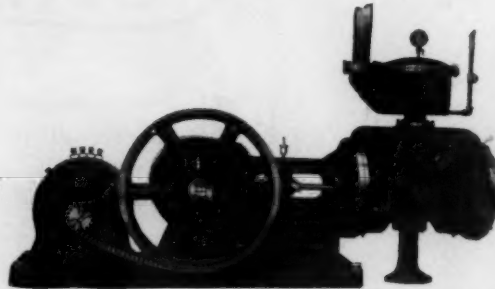
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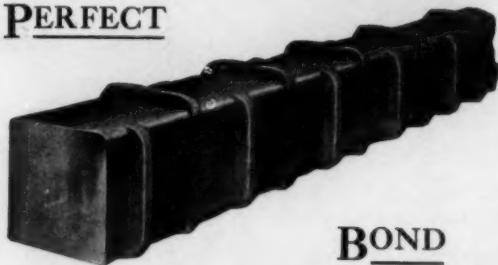
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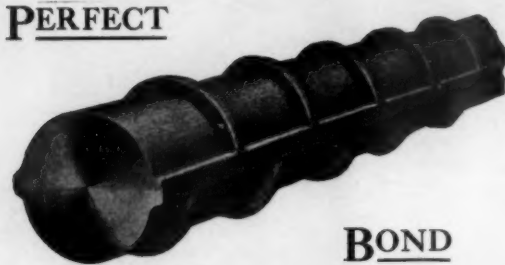
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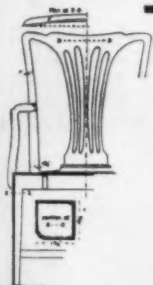
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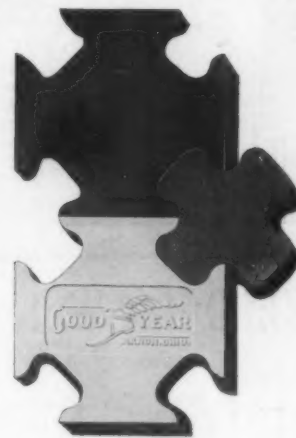
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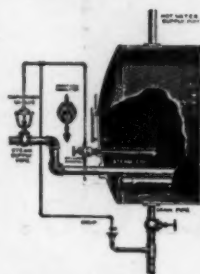


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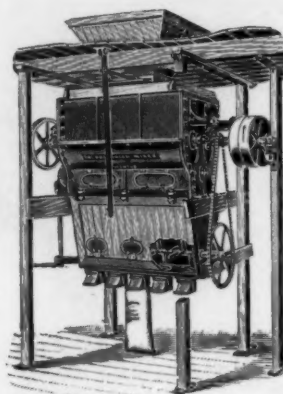
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(1726-7-8)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 18, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 23d day of February, 1909, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring), of the U. S. Post Office and Court House at Roanoke, Virginia, in accordance with drawings and specifications, copies of which may be obtained from the Custodian at Roanoke, Va., or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1727-28)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 20, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 3rd day of March, 1909, and then opened, for the construction complete (except elevator) of an extension to the U. S. Post Office, Court House, etc., at Augusta, Georgia, in accordance with the drawing and specifications, copies of which may be had at this office or at the office of the postmaster at Augusta, Ga., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1727-28)

PROPOSALS.  
OFFICE OF THE COMMISSIONERS OF  
PLYMOUTH COUNTY, PLYMOUTH,  
MASS.

Sealed proposals will be received at the office of the Commissioners of Plymouth County, Plymouth, Mass., until 3 P. M., on the fifteenth day of February nineteen hundred and nine (Feb. 15, 1909), and then opened, for the electrical work, plumbing, heating, roofing, windows and doors and the iron work, for the new Plymouth County

Jail and House of Correction, Plymouth, Mass.

Plans and specifications for each of these pieces of work may be seen at the office of J. Williams Beal, Architect, 58-62 Summer Street, Boston, Mass., on and after the twenty-eighth day of January nineteen hundred and nine (Jan. 28, 1909).

The Commissioners reserve the right to reject any and all bids submitted.

WALTER H. FAUNCE,  
LYMAN P. THOMAS,  
JERE B. HOWARD,

Commissioners of Plymouth County.  
(1728)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 26, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 8th day of March, 1909, and then opened for the installation of the low pressure steam heating and ventilating apparatus, etc., for the U. S. Post Office, Court House, etc., building at Atlanta, Georgia, in accordance with the drawings and specifications therefor, copies of which may be had at this office or at the office of the Superintendent of Construction at Atlanta, Ga., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1728-29)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 25, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 2d day of March, 1909, and then opened, for the installation of a conduit and electric wiring system for the U. S. Post Office and Court House building at Atlanta, Georgia, in accordance with drawings and specifications, copies of which may be had at this office or at the office of the Superintendent of Construction, Atlanta, Ga., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1728-29)

Treasury Department, Office of the Supervising Architect, Washington, D. C., January 23, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 1st day of March, 1909, and then opened, for the construction (complete) of the U. S. Post Office at Gadsden, Alabama, in accordance with the drawings and specifications, copies of which may be had at this office or at the office of the Postmaster at Gadsden, Ala., at this discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1728-29)

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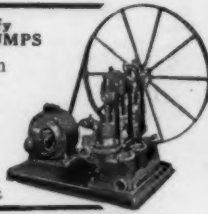
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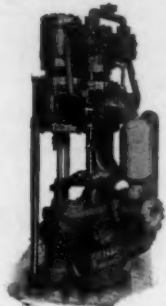
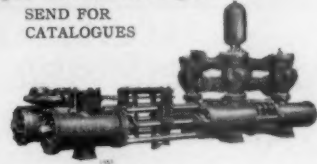
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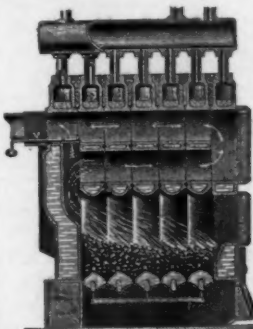
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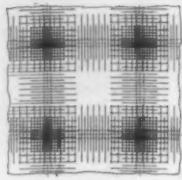
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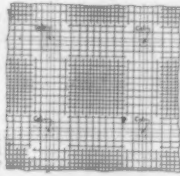
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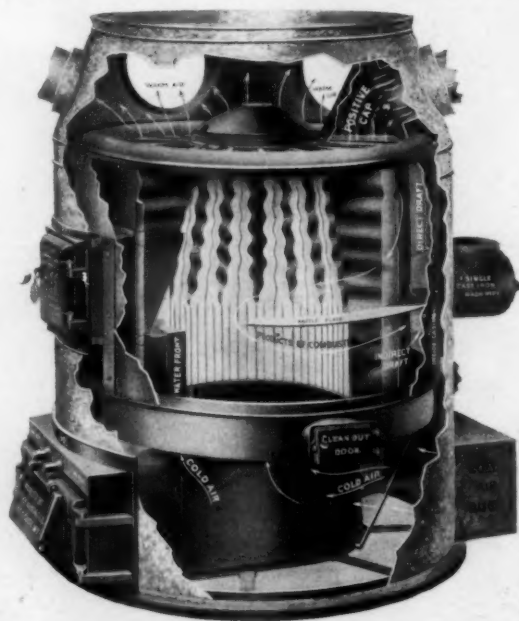
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## IF YOU WANT SATISFACTION

Four things affect results in painting. They are:

- First —the surface.
- Second —the weather.
- Third —the painter.
- Fourth —the PAINT.

To insure satisfactory results each of these conditions has to be considered in its relation to the others.

Take the surface—it may be poplar or redwood, yellow pine or spruce; may be green or seasoned, dry or damp, receptive or repellent, rough or smooth, hard or absorbent. It may have had a previous coat or not.

Now, these different surfaces call for thoughtful treatment in every case, no matter how favorable the weather conditions, or how good your painter, or how high grade the paint.

To go about it scientifically, even when the work is done by contract, you must learn just what the surface conditions are, and then learn what to do in that particular case.

But your knowledge of surfaces—while it helps some—will not make up for disregard of other conditions or for using unworthy paint. Then suppose you take into consideration the surface and the weather conditions and hire a poor painter to do the job. You cannot even then expect the best results because so much depends on the painter's care in spreading the right paint properly, applying it evenly, rubbing it out and rubbing it into the wood, allowing sufficient time between coats and in all around experience.

Now, then, granted you have the best of painters who has taken into account the weather conditions and the surface and knows the needs of your particular case, you might still lack the most important essential of all—a reliable paint.

If you use Lowe Brothers "High Standard" Paint you will not only have a reliable paint, but you will have the proper paint for any reasonable surface. Every dealer who handles Lowe Brothers "High Standard" Paint can give you definite help towards securing best results.

"High Standard" Paint is the result of forty years of study of paints and scientific experiment in using them, and when instructions are carefully followed, it must prove satisfactory. Always remember that behind this knowledge is the spirit of the makers—doing the day's work, according to the best there is in them, with a loyal, honest, earnest working personnel, guiding and guarding the perfection of the product as though the whole future success hung on the quality of every drop.

That is the underneath "something" which supplies the true reason why "High Standard" Paint, used with proper consideration of conditions, gives best results.

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will wear longer, looking "prosperous" all the time, will cost less in the long run, and will leave a better surface for repainting than any "mixed by hand" or cheap ready-mixed paint. It follows that in Lowe Brothers "High Standard" Paint the finest materials must be combined by most-up-to-date machines under the supervision of foremost paint experts. Is it strange that such paint

"makes good?"

Just as dependable as "High Standard" Paint are Lowe Brothers Linduro and other Enamels, Household Finishes—like Vernicol—for floors, woodwork and furniture, Hard Drying Floor Paint, Oil Stain for beautiful stain effects—and "Little Blue Flag" Varnishes for every purpose.

The Little Blue Flag on the can is your protection. "High Standard" Agents are usually the leading paint dealers, who believe in quality, and who are building their reputation thereon.

Ask them for practical information and for your requirements.

Write us for Booklet, "The Owner's Responsibility," and let us supply suggestions for your color combinations, both exterior and interior.



## THE LOWE BROTHERS COMPANY

Paintmakers—Varnishmakers

DAYTON, O. BOSTON NEW YORK CHICAGO KANSAS CITY

# PITCAIRN

## AGED

# VARNISHES



### BETTER THAN GOOD

**T**HERE can be no such thing as a general purpose varnish—one that may be used with satisfaction anywhere and everywhere.

Knowing that to be true, varnish makers strive to produce varnishes to meet particular requirements, and good varnishes are not so scarce as some people believe.

Good materials and proper manufacturing methods must produce good varnishes, but however good the varnishes may be, their quality is improved by age.

Aging varnish ties up money for a considerable period. Few varnish manufacturers have the capital and fewer still have the inclination to make the necessary investment. "Green" or immature (though not necessarily poor) varnishes are therefore the rule.

It is hardly fair to say that the "green" varnishes are responsible for most of the varnish troubles, but no one can question the statement that there would be fewer troubles were all varnishes properly aged.

No matter what may cause a varnish trouble, the annoyance, disappointment and disgust is just as great to the architect, painter and property owner.

While you cannot hope to remove all the causes of trouble, you can minimize them by specifying, insisting upon and using Pitcairn Aged Varnishes.

The makers of Pitcairn Aged Varnishes realize that good materials do not necessarily make good varnishes.

More, they realize that good materials, even with proper manipulation, do not necessarily make excellent varnishes.

They know there is absolutely nothing that will take the place of aging in the attainment of varnish perfection. Good materials and correct manipulation are necessary, of course, but complete aging gives improved quality.

Pitcairn Aged Varnishes are all that their name implies—they are well aged.

Plenty of time is allowed to permit the natural completion of the clarification process and no short-cut is attempted to rush Pitcairn Aged Varnishes on to the market.

In the making of Pitcairn Aged Varnishes, expert varnish makers have the assistance of the greatest of all varnish finishers—old Father Time himself.

Pitcairn Aged Varnishes are made for the architects, painters and house owners who demand more than ordinary varnish quality.

*Specify Pitcairn Aged Varnishes Next Time*

**PITCAIRN VARNISH CO.**  
214 OREGON ST.      MILWAUKEE, WIS.

## For the Carpenter Who Loves His Work



**N**OTHING can give the joy of keen edged tools that keep their temper under all conditions—and do their work.

"Do your work as well as you can and be kind"—is the advice of a modern philosopher. The Irwin Auger Bit does *its* work as well as it can be done and is kind—in this way—it never breaks at the joining of shank and twist. It never bends—it never fails to cut clean—it never clogs—it is not only the best known—best advertised bit in America, but it is the one bit based originally on scientific principles—tested for quality from raw steel to finished product and produced at a right price.

Drop-forged under a thousand pounds pressure, the metal in Irwin Auger Bits is solidified and strengthened, tempered in molten tin, oil and brine, a secret process exact in its results. Every Irwin Bit is lathe-turned by hand to the thousandth of an inch, heads and cutters are finished and sharpened by hand filing, polished from tip to tip. The Irwin Bit in every detail is perfect.

When each Irwin Bit has received the finishing touches from the polishers, it is tested for boring capacity in the hardest of highly seasoned woods, such as lignum-vitae—a wood that will ruin most wood-working tools. Then each bit passes into other hands for final testing which detects any defect in the slightest particular. If these expert inspectors find the slightest imperfection, the bit is condemned to the scrap pile.

But every bit that passes this final test is stamped with the name "Irwin." That is your guarantee of quality. Remember, that if the bit is not branded "Irwin" it is not the genuine Irwin Bit.

Sets sold in cases or rolls as you desire without extra charge. Cases are the handsomest, handiest bit cases ever made. Quarter-sawn hardwood, finely polished with folding lid and sliding drawer.

Each set of 20% quarters contains one each 4, 5, 6, 7, 8, 10, 12, 14 and 16 sixteenths Auger Bits and one 6-inch screwdriver bit.

Each set of 25% quarters contains one each 4, 5, 6, 7, 8, 9, 10, 11, 12, 14 and 16 sixteenths Auger Bits.

Each set of 32% quarters contains one each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16 sixteenths Auger Bits.



Irwin Bits are recognized everywhere as being the strongest, finest finished, most accurate—the fastest and easiest cutting and the least liable to choke of any bits made. They are of uniform strength. All old style bits are weakest where the twist and shank unite, and that is where they usually break. Irwin Bits are guaranteed not to break there or any other place.

Irwin quality is guaranteed. Price refunded if not satisfactory. If a bit is not stamped "Irwin" it is not the genuine Irwin Auger Bit.

If your dealer does not keep Irwin Bits, do not accept a substitute, but write us and we will tell you how to get them.

**THE IRWIN AUGER BIT COMPANY**

*Largest in the World*

Station B-2, Wilmington, Ohio





# The UNDERFEED } Burns Smoke Heating System } Saves Coal WARM AIR - STEAM - HOT WATER

IN THE PECK-WILLIAMSON COMPANY UNDERFEED SYSTEM OF HEATING—applied either to warm air furnaces, steam or hot water plants—two of the greatest problems of heating are solved. Unequalled economy in coal and consumption of smoke are happy results of the Underfeed plan. This means smaller coal bills and healthier, cleaner homes.

THE UNDERFEED stoking system applied in the Peck-Williamson line of heaters, has municipal indorsement in hundreds of cities. It is the solution of the smoke problem, officially approved. In the Underfeed, cheapest slack yields as much clean, even heat as highest priced anthracite. You save the big difference in cost.

## Peck-Williamson } FURNACES—Warm Air UNDERFEED } BOILERS—Steam and Water Save 1/2 to 2/3 on Coal Bills

With coal fed from below and *all fire on top*, smoke and gases must pass thru the flame and are consumed. Ashes are few and are removed by shaking the grate bar as in ordinary furnaces and boilers.

### An Invoice of Cheerful Testimony

Users everywhere voice praises of the Peck-Williamson Underfeed Heating System. Voluntary testimonials provide valued evidence of Underfeed worth. Here are four chosen at random.

**ECONOMY**  
George H. Perry, 124 Ninth Ave., Grand Rapids, Mich., writes:

"We heat eight rooms with the greatest satisfaction and are more than pleased with the Underfeed. As to cost, I am saving my home at the rate of about \$1 a month against \$14 to a month last winter. It makes no difference what the weather is. We can have heat just as we want it. We are heating stock and I can't express the satisfaction we are having. The furnace is all right."

**HEALTH—CLEANLINESS**  
Dr. E. L. Mosler, Chelsea, O., writes:

"The most valuable feature of the Underfeed to my mind, is the consumption of nearly all the smoke it does produce, making it the ideal furnace for city use and the only system that should be allowed to use coal as a heating substance where the smoke may be a nuisance or source of health. On that score alone it should replace all other furnaces—never in question its heating capacity, economy and superior durability."

**DURABILITY**

Ed Martin, of Franklin, Ind., writing to C. C. Tabor, of Watson, N. Y., declared:

"This will be my sixth season in the use of the Underfeed in the heating of my ten-room residence, and I can only wish that you would put the same kind into service in your home, in order that you may have the same satisfaction, comfort and happiness that we enjoy. How hard to conserve and utilize all the heat which is fuel is a problem long worked at, but never so successfully solved as in the Underfeed."

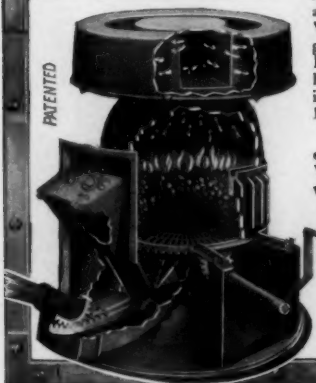
**SATISFACTION**

Rev. W. H. Pike, 214 West End Ave., Englewood, N. Y., writes:

"After using the Peck-Williamson UNDERFEED FURNACE for one season, I am pleased with it for four reasons. First—Because of its even heating, no room of heat where fresh coal is added. Second—Because there is no gas. Third—Because of the small quantity of coal consumed. Fourth—Because it burns. No rotating gears in operation. I gladly recommend it to others."

Cincinnati is waging a campaign for a cleaner city. In a TIMES-STAR interview, W. E. Rowland, engineer at the big Power Building, declared: "Not only does Underfeed stoking prevent smoke, but it saves us coal and money. To prevent smoke requires perfect combustion and perfect combustion means greatest heat. Smoke going up the stack means loss of heat and waste of coal. We have proved this by our experience. The saving is about \$5 a day."

Illustration shows furnace without casing, cut away to show how coal is forced up under fire, which burns on top



The same proportionate saving results are offered in the Peck-Williamson Underfeed Heating System for all classes of buildings, and more particularly, for residences. We've hundreds of testimonials from Underfeed users, giving figures which show that the Underfeed soon PAYS FOR ITSELF. We'd like to send a lot of fac-simile letters and our Underfeed Booklet for warm air heating, or our Special Catalog of Steam and Hot Water Underfeed Boilers.

Heating plans and services of our Engineering Department are yours—ALL FREE. Write to-day, giving name of local dealer with whom you prefer to deal.

**THE PECK-WILLIAMSON CO.**  
328 W. 5th Street CINCINNATI, O.

Our 1909 Selling Plans are Valuable to All Furnace and Hardware Men and Plumbers. Write for them.

This shows the steam and hot water Underfeed boiler



# "We lift the handkerchief, turn the faucet-- and presto! the hot water flows"



THIS was formerly possible only in a rich man's house. It is now possible in the home of every man of average means.

Hot water instantaneously—fresh hot water as good to drink as it is to bathe in—piping hot—

instantly at all hours—in unlimited quantity—and not a fire in the house.

Where does it come from?

No coal fires. Nothing to turn on and nothing to turn off **but the faucet.** No light to strike. Nothing to watch.

It is mystifying to the person who is not positively up to date—up to the very minute—in the swift progress of modern household conveniences.

Yet, **simple as the twist of the wrist!**

It is done by the unobtrusive, unobserved Ruud Automatic Gas

Water Heater, tucked away in a corner

of the cellar—no dirt, no noise, no odor—requiring absolutely no attention either from yourself or your servant.

The moment **before** you turn on the faucet the water is cold.

The moment you turn on any hot water faucet in the house the water pressure in the pipe is relieved. That automatically opens a valve which turns on and lights the gas in the Ruud heater in the cellar.

In a jiffy the steaming hot water is flowing. The action is positive—unfailing.

It heats the water instantly and keeps heating it as long **and only as long** as the faucet is open, whether you fill a shaving mug or a bath tub.

You turn off the faucet. The water pressure in the pipe is restored. This automatically closes the valve, down in the cellar, which shuts off the gas.

**Not a moment's waste.** Hot water the moment you want it—never a moment in any season that you can't get it.

That is the simple story of Ruud hot water luxury. Easily connected in any home. The man who builds or improves to-day **without** putting this heater in is overlooking one of the conveniences most treasured in the larger cities and their comfortable suburbs.

The leading gas companies carry the Ruud heater. Write for illustrated booklet giving full description.



THE RUUD HEATER

Connected in the basement to gas and water pipes, never in use—supplies hot water to all fixtures. Standard house size, 4 feet high, 16 inches in diameter. Price, delivered, east of Rocky Mountains, \$150. Price, delivered, west of Rocky Mountains and in Canada, \$175.

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London: British Ruud Mfg. Co.

BRANCHES, SALES OFFICES AND DISPLAY ROOMS:

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Portland  
St. Louis  
San Francisco  
and  
Toronto, Canada

Hamburg: Ruud Heisswasser Apparatebau

## Fresh Hot Water vs. Stagnant Hot Water

Water that is heated and kept hot all day or all night undergoes deterioration.

It stagnates—grows stale—much faster than cold water. Unless it is kept at the boiling point it becomes one of the best culture mediums for germs and bacteria.

Animalcules thrive in warm, or tepid, or hot water, until it reaches the boiling point—which only by accident it does in the ordinary water-tank or hot water reservoir.

It is like a pond in the summer time. This is what makes the ordinary kitchen water-tank or hot water reservoir undesirable from the viewpoint of sanitation and healthfulness.

It is one of the most unsanitary things about a household.

The water-tank is never quite emptied and the remaining old water communicates its impurities to the new water flowing in—and all of the contents are polluted again.

This feature alone should make a man who likes domestic sanitation and cleanliness investigate this system of instantaneous water heating that is being used in the best homes of America and Europe—from the cottage and the country chateau to the great estate houses.

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MAKE HAPPY CHILDHOOD

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There are as many conditions and degrees of responsibility entering into the "guaranteeing" of porcelain enameled iron plumbing fixtures as there are firms issuing "guarantee labels."

Architects of experience have decided that it is the name on a "guarantee label" that makes the guarantee worth specifying. A constantly increasing number of architects specify and insist that all enameled iron plumbing fixtures must bear the "WOLFF GUARANTEE LABEL."

Fifty-four years of quality and broad, liberal business policy are behind every "WOLFF GUARANTEE LABEL."

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NEW EDITION—JUST OFF THE PRESS!

# DETACHED DWELLINGS



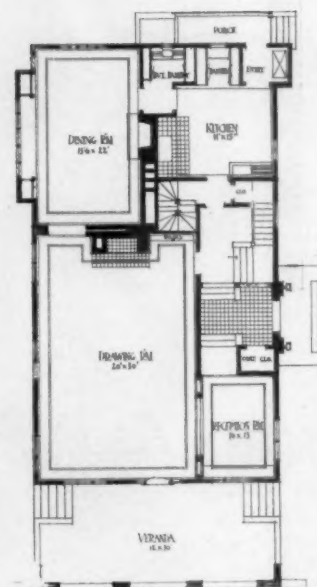
Reduced Illustration Showing the Practical Value of this Portfolio.  
Regular Size 9x12.

*Country  
and  
Suburban*

THE portfolio "Detached Dwellings," of which this page is the actual size, contains nearly one hundred examples of modern homes, each half-tone illustration accompanied by detailed drawings of floor plans, etc. In addition we present a number of pen-and-ink sketches in this portfolio, all exhibiting masterly treatment of the subjects under consideration.

This collection differs from all others of a similar nature, in that it represents the work of a large number of Architects who have made a specialty of "Detached Houses" and have achieved the greatest success in that line.

Interiors and doorways add to the value of the "Detached Dwellings" collection, and we earnestly recommend it to those interested as a well-rounded, comprehensive exhibit of the work of men who do things well. "Detached Dwellings" will be sent, carriage prepaid. In portfolio, or bound as desired.



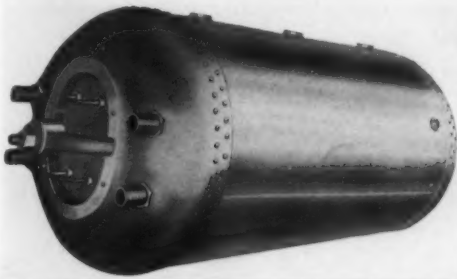
First Floor Plan.

*PRICE, \$5.00*

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IN THE FIRST PLACE, MR. ARCHITECT, you want to know that the Boiler you specify is right, right for yourself and right for your client.

## BOSTON COPPER BOILERS

Are right in every detail, and guaranteed to be the best made. We make four grades of tank and pressure boilers to stand any pressure up to 600 pounds, all sizes to order.

They have been placed in the leading buildings of the country by some of the best known architects; let us send you list and give you prices. You will be interested in our illustrated boiler circular, and price list, whether you are ready to specify now or later.

**DAHLQUIST MFG. CO.,** *Coppersmiths and Metal Workers*  
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Residence of Dr. H. M. Pollock, Superintendent Norwich State Hospital, Norwich, Conn., Cudworth & Woodworth, Architects.

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(Waterproof and Orderless)

THESE Shingle Stains contain no creosote and are absolutely free from all objectionable odor.

They create an impervious coating, causing the shingle to shed water like a duck's back, thereby keeping out dampness, the greatest enemy known to wood, and doubling the life of shingles.

Everything that enters into the make of *Art in Shingle Stains* is of the highest quality possible for man to produce; they are made in the most scientific manner. Colors of extreme tone and richness and of absolute purity, combined with pure linseed oil and our special Waterproof Protective Liquid.

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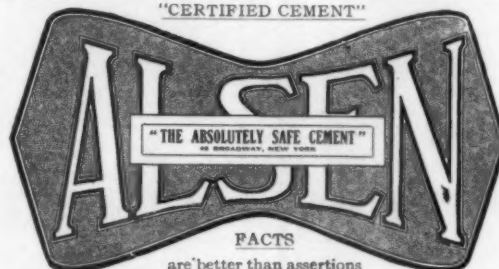
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SEE PAGE 132 IN "SWEET'S" FOR FULL PARTICULARS.



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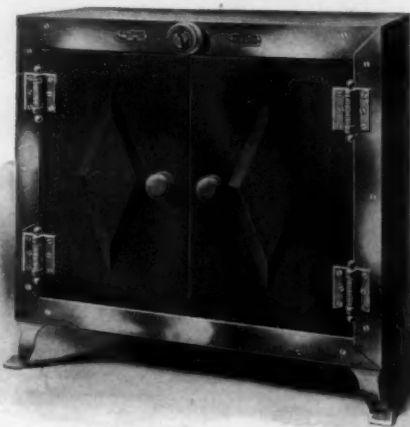
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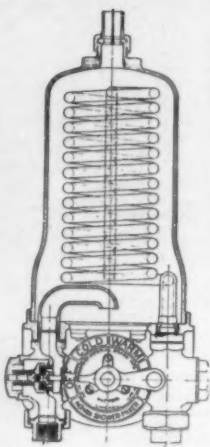
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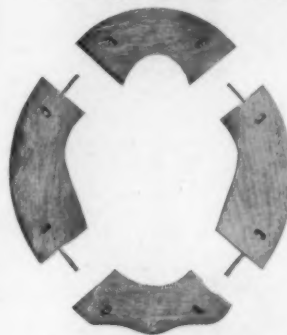
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That goes with every Never-Split Seat



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Seats are guaran-  
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Ideal for offices, libraries, churches, gymnasiums, schools, dormitories and other public buildings. Particularly adapted to concrete buildings, because it can be permanently cemented directly on the concrete—no wood flooring needed.

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*Corkolin* is superior to all cork carpets. It is made in solid colors and rolled in sheets  $\frac{3}{10}$  inch thick, 2 yards wide, 30 yards long.

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## Samson Spot Sash Cord



is made of extra quality stock, is carefully inspected, and is guaranteed to be free from all the imperfections of braid and finish which make common cords wear out so quickly.

Be sure that you get the cord marked with the colored spots. There is only one quality of Spot Cord, and this trade-mark is insurance for the architect, the builder and the owner.

Send for samples, tests and full information.

**Samson Cordage Works**

Boston, Mass.

THE LOWE BROTHERS COMPANY  
began by making

## Low Brothers High Standard Liquid Paint



better than any other made at that time—more than thirty years ago—so good that the "wise" manufacturers said there would be no market for it. The Lowe

Brothers Company has kept on making "High Standard" Paint good; better than "hand mixed," "strictly pure" paint or any others that have been modeled after it.

People in time found out that "High Standard" was better. It takes years to prove that the paint on a house is better, for the real test is one of wear. *Protection* is, after all, what people want, as well as prosperous appearance; "High Standard" wear shows it, and the "LITTLE BLUE FLAG" is the Sign of Protection

So more people have been buying "High Standard" Paint each year, and when they have need to repaint, they have bought "High Standard" again.

That is the best evidence of satisfaction, and there is abundant evidence regarding "High Standard."

And there is a Paint or Varnish for every need—outside or inside—and a way to make the entire house and grounds harmonious—having the beautiful effect of home—and they are all the best of their kind.

Samples and sample panels on request.

Consult Sweet's Index (1907-8) pages 1378 and 1379 and (1908-9) pages 1282 and 1283.

THE LOWE BROS. COMPANY, 450-452 E. Third St., Dayton, O.  
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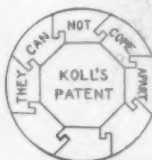
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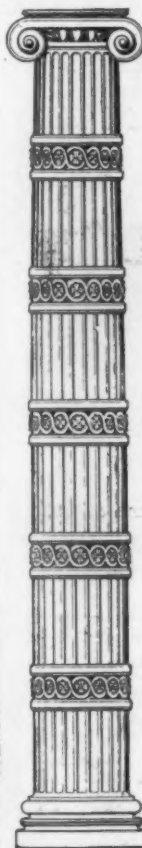
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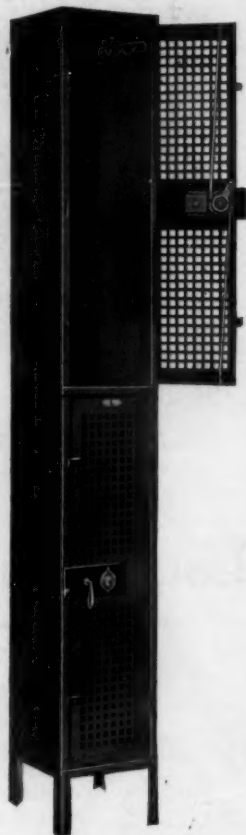
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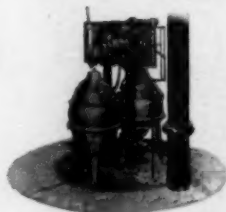
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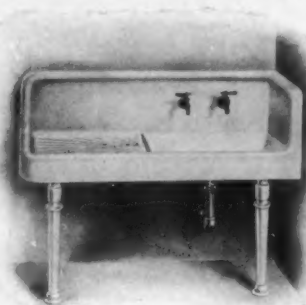


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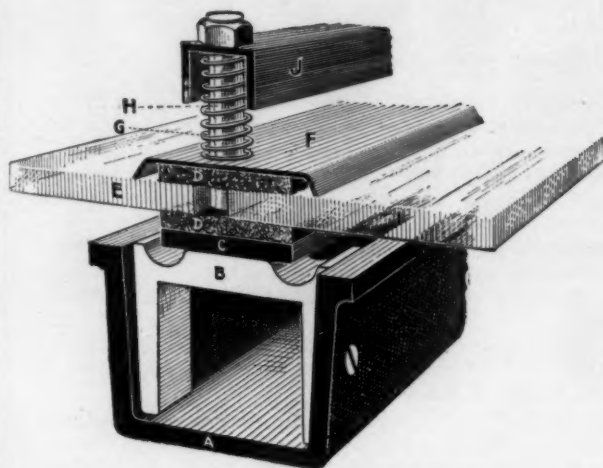
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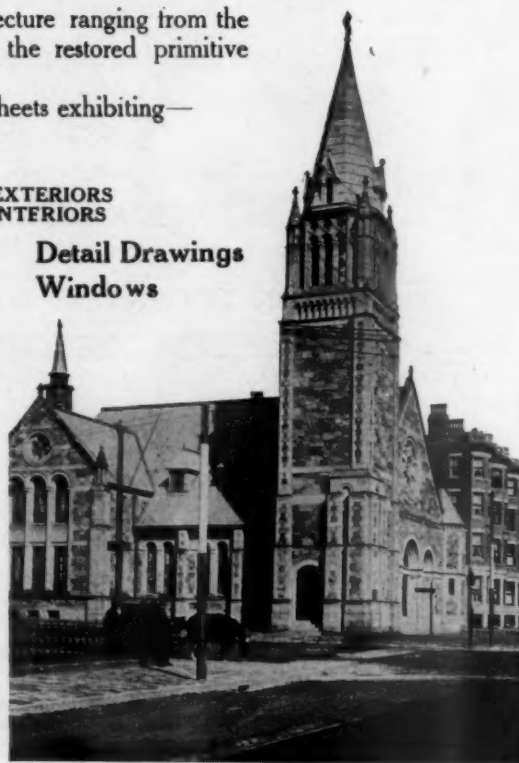
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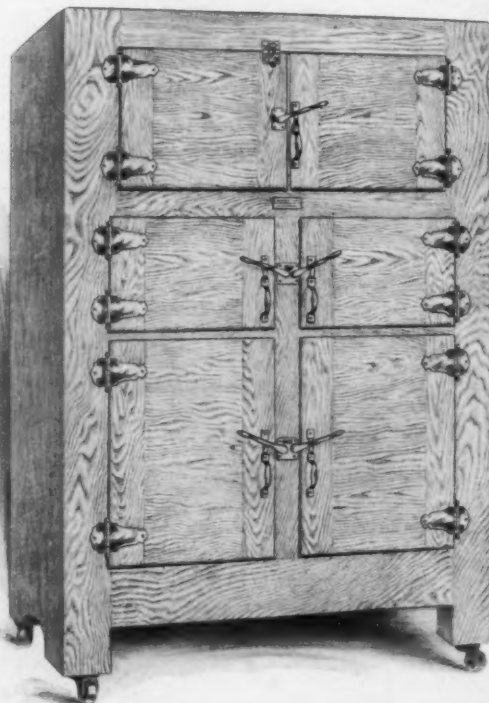
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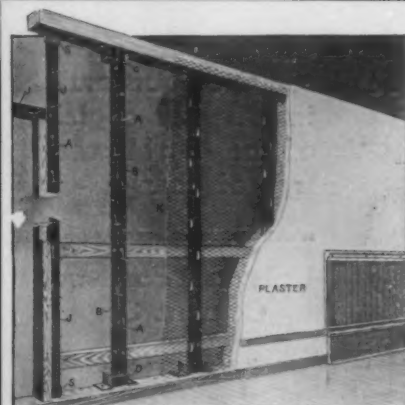
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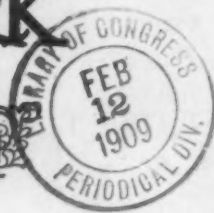
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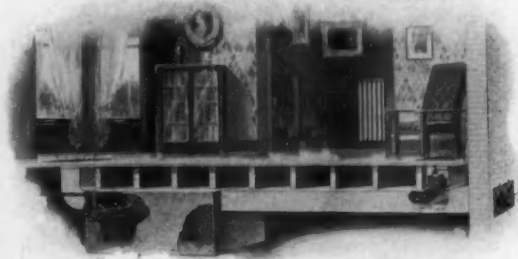
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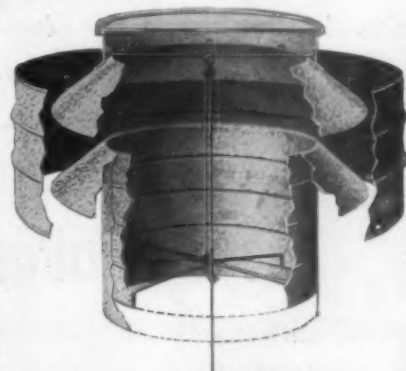
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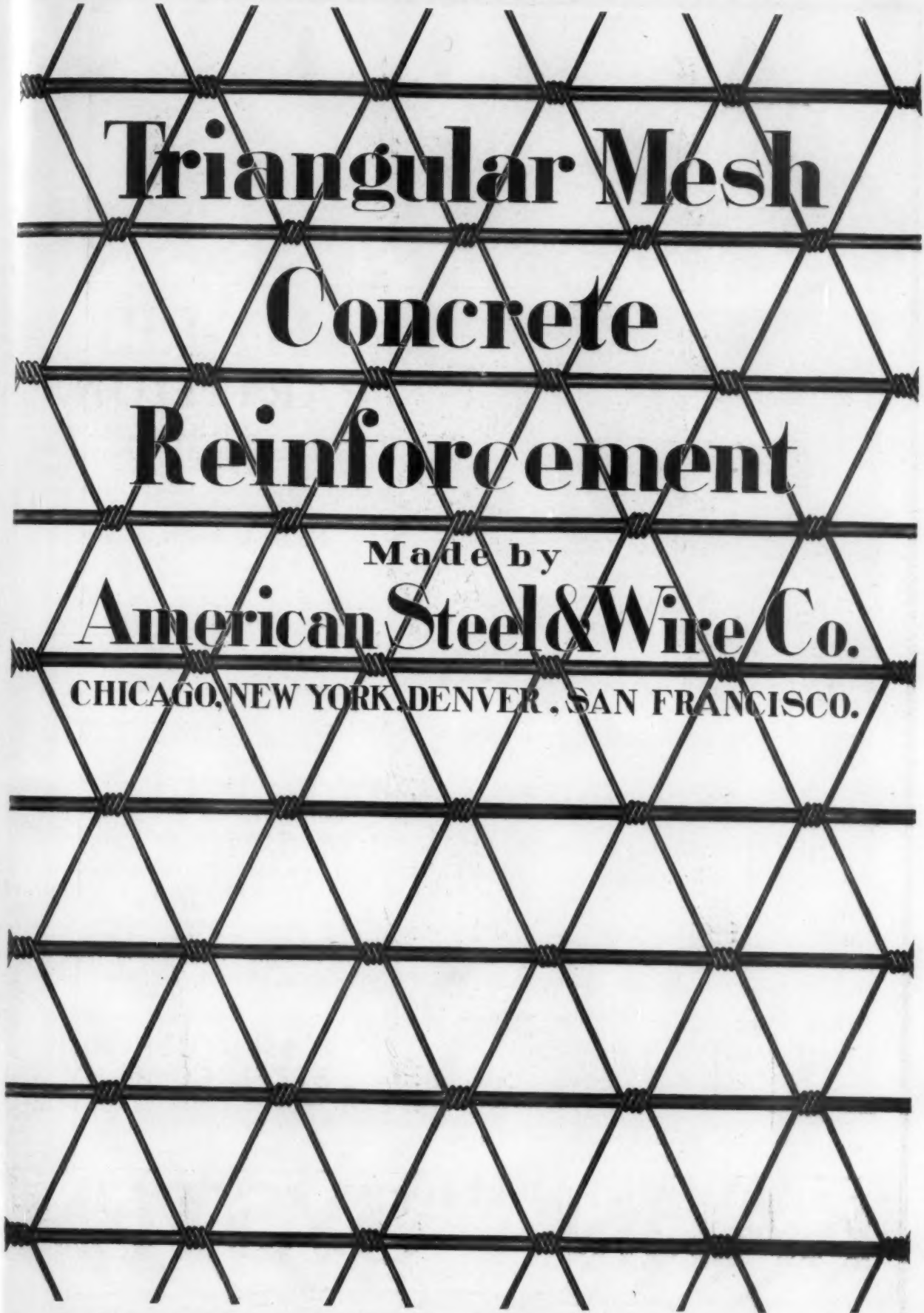
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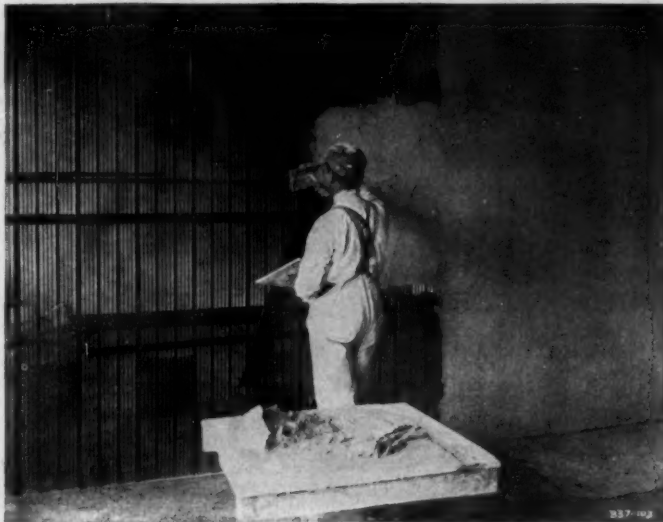
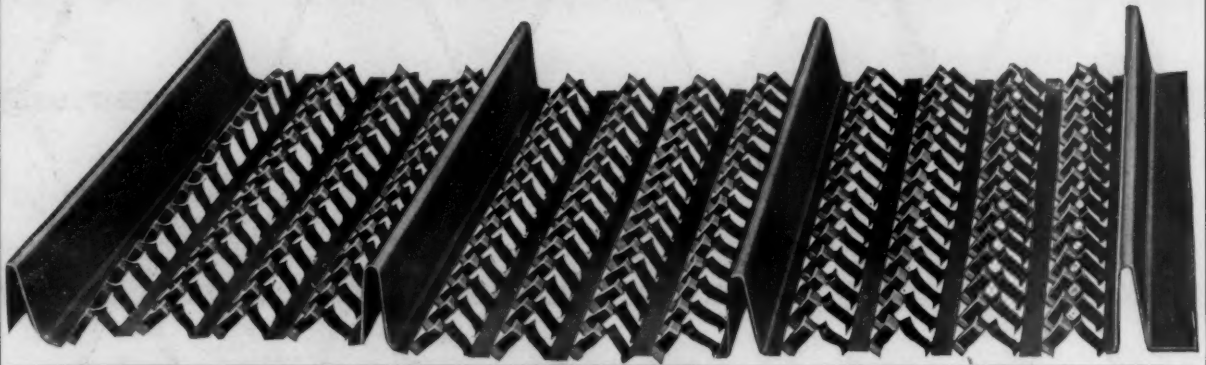
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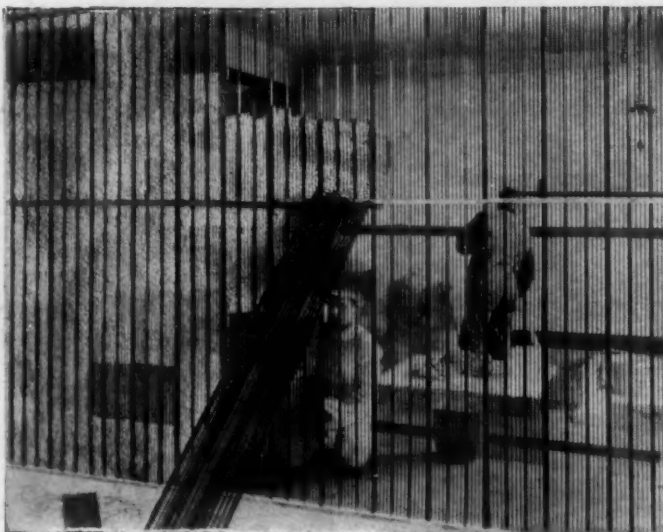


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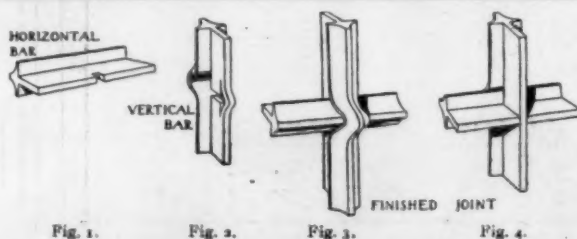


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

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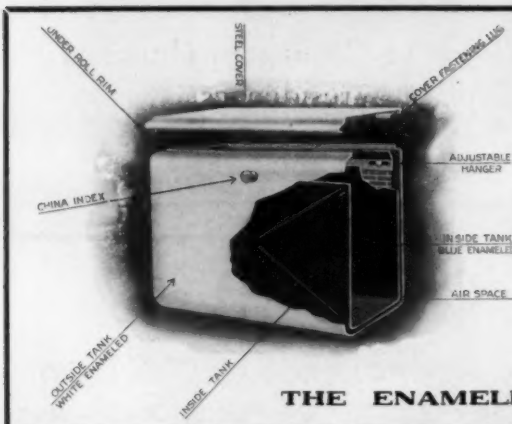


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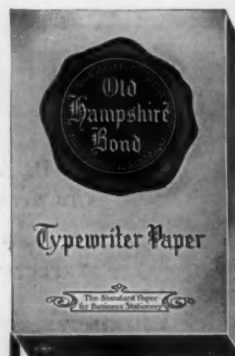
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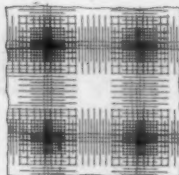
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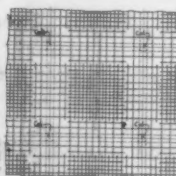


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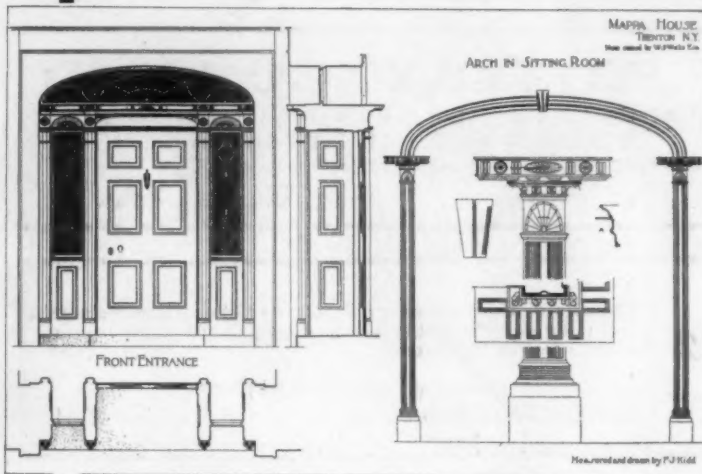
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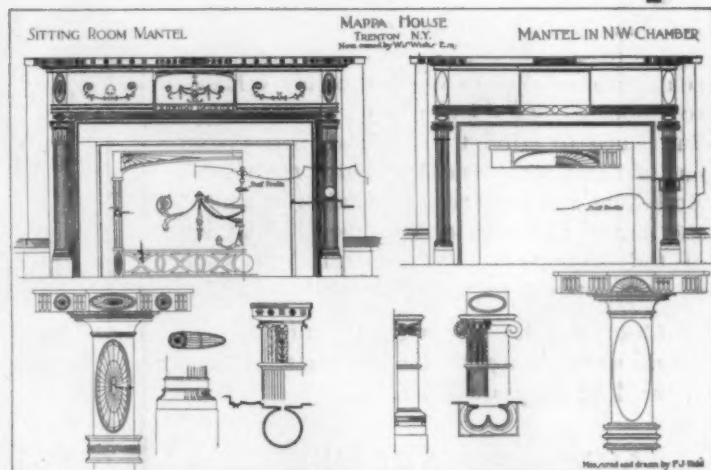
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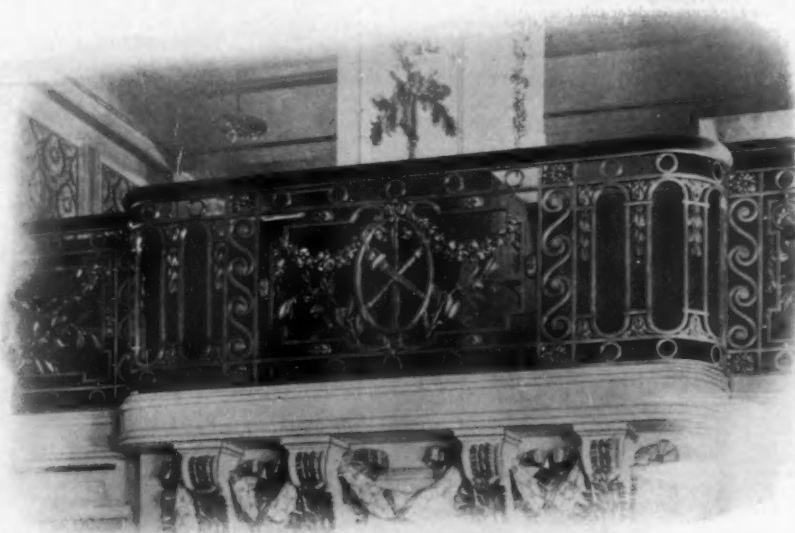
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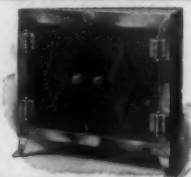
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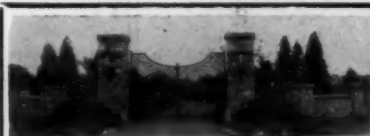
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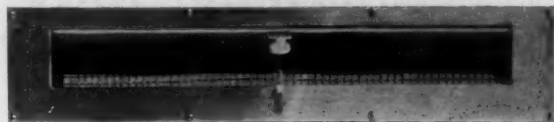
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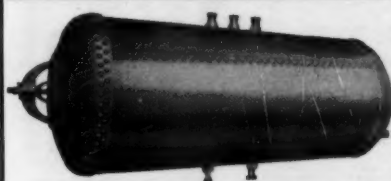
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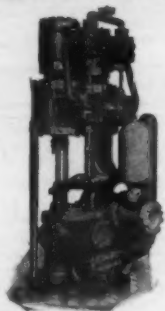
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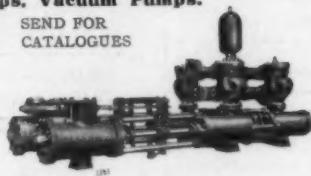
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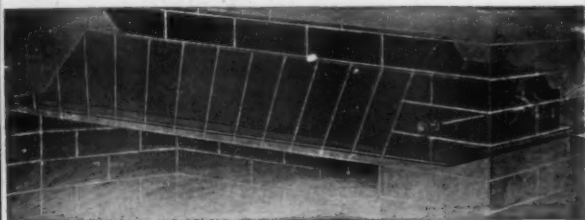
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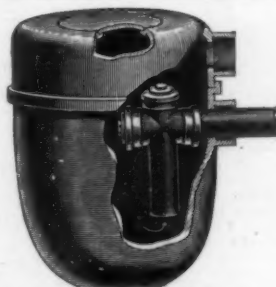


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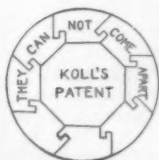
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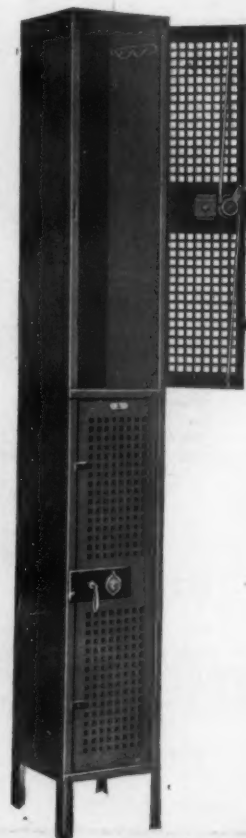
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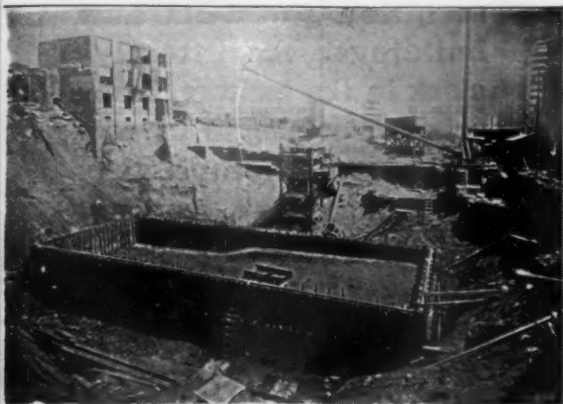
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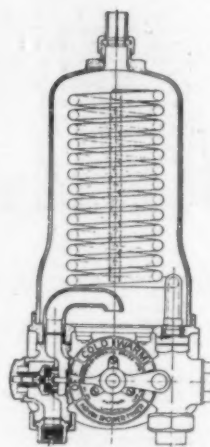
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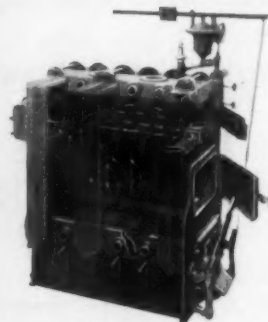


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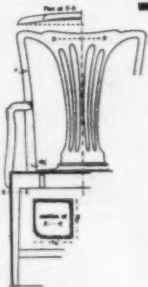
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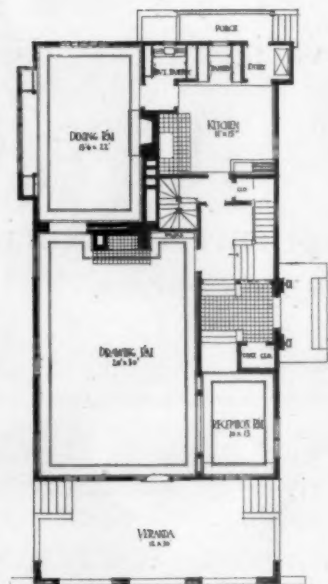
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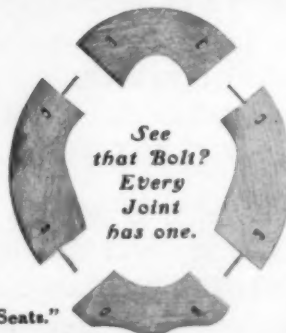
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At the present time the problem of building is a very grave one after one gets outside the suitable range of ordinary steel construction such as is employed in large city buildings. For all small structures there has been until recently the same old choice that has been available for 5,000 years: wood, brick and stone, alone or in suitable combination. The more slightly civilized people have generally used wood as nearest to the hand and easiest to work, and those of larger experience and powers have gone on to brick and stone. Here in America our civilization is still too crude and the country is too new to have gotten fairly beyond the timber stage. We are not so many generations yet past the log cabin, in spite of the fact that our material progress has taken on the outward form of orderliness and even complexity. This, however, seems really to be only skin deep when one judges it not as a Chauvinist, but as a man of affairs. It is not a civilization of great stability and depth that looks coolly at the casualty list of nearly a hundred thousand killed and wounded annually on the railroads and contemptuously figures the probable cost of safety appliances per victim. The same superficial quality still appears in our building. It would be hard to imagine a country better capable in skill and resources of fine permanent architecture, and it would be quite impossible to find one in which fine permanent architecture has been until quite recently a smaller proportion of the whole.

As a nation we build for to-morrow or next week and lay bets at rather small odds with the insurance companies that our structures will burn before they rot or tumble down. A large proportion of the buildings erected in some parts of this country are apparently of the flimsiest timber construction compatible with their holding together until they are sold, and in consequence the losses annually by fire rise to an amount that is simply appalling. Insurance with all its benefit to the individual in case of disaster cannot make up to the community as a whole the losses thus incurred. Somehow, in the long run, the losses

—Extract from Editorial in  
*Engineering Record*, Oct. 31, 1908.



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We illustrate in this issue the New Cadet Barracks recently completed at West Point, New York, and the type of Raised Rear Vent Water Closet used in this building.

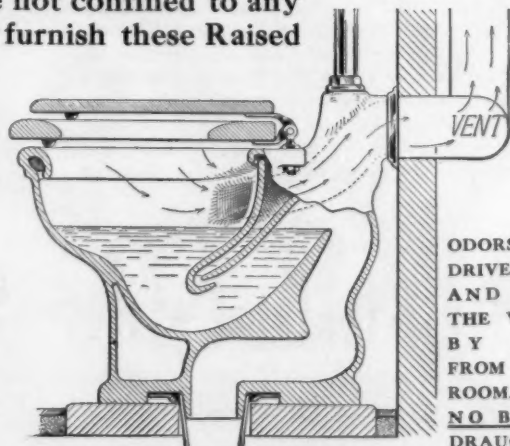
The Raised Rear Vent Water Closet ventilates perfectly the room in which it is placed. No germicide, disinfectant, or deodorizer is necessary to kill the odors, as there are no odors.

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BY AIR  
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ROOM.  
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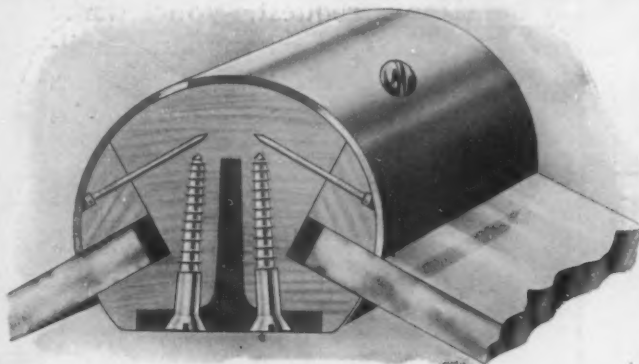
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XCV

FEBRUARY 17, 1909

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1730

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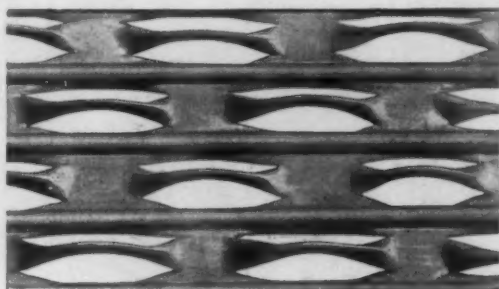
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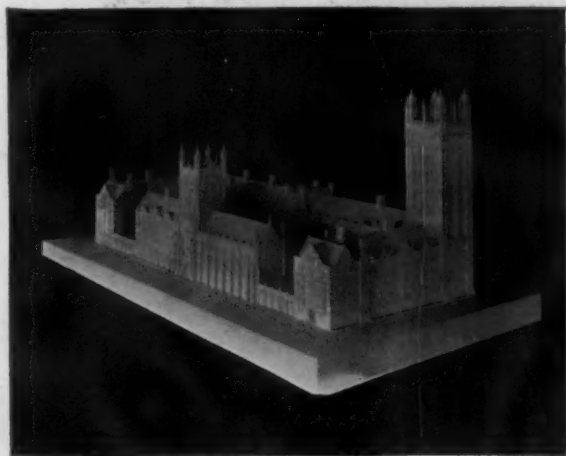
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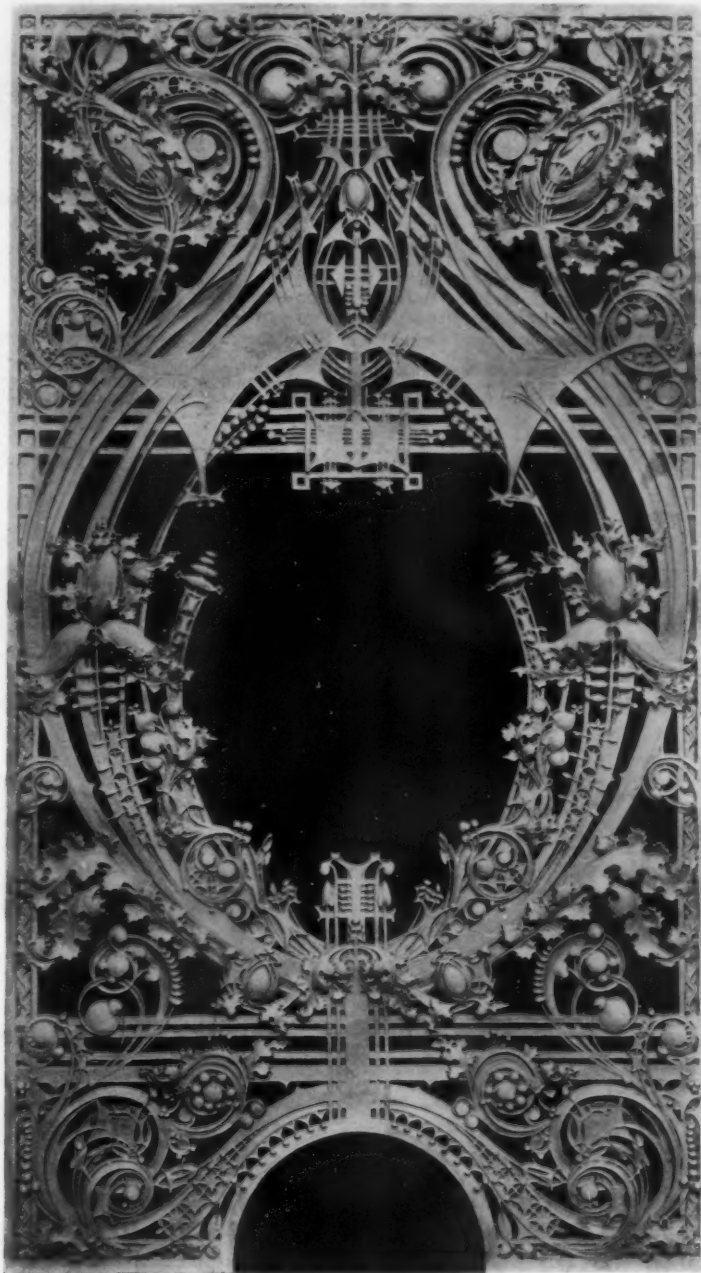
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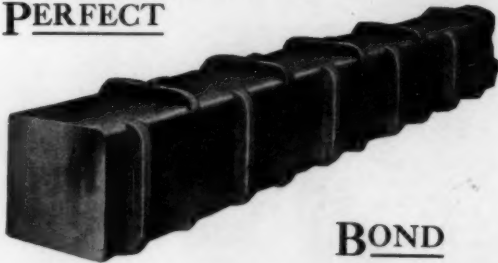
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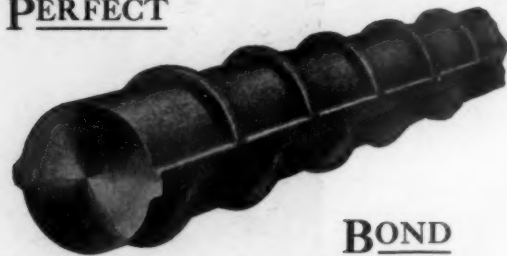
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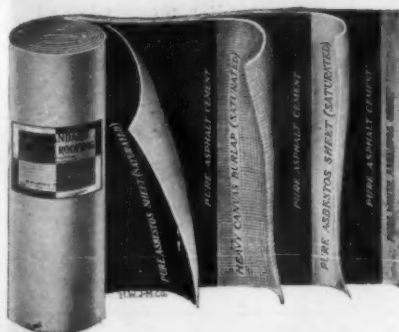
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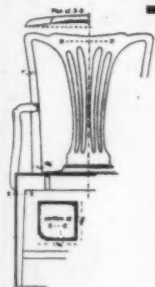
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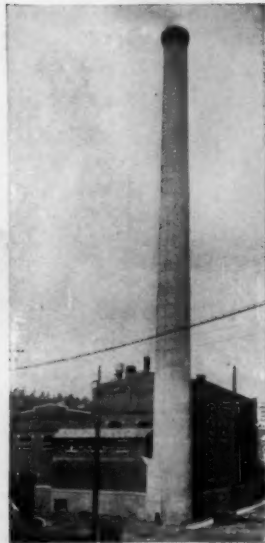
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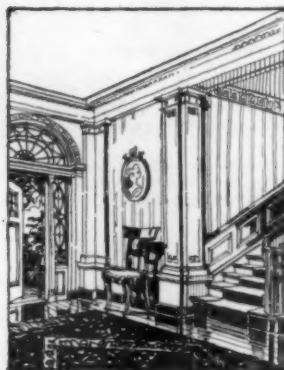
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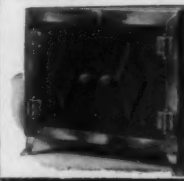
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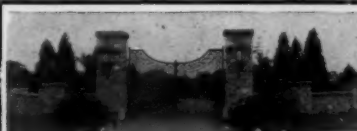
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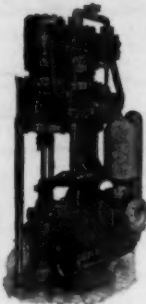
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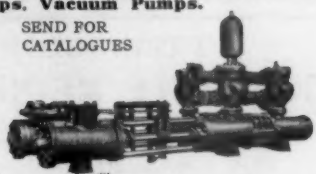
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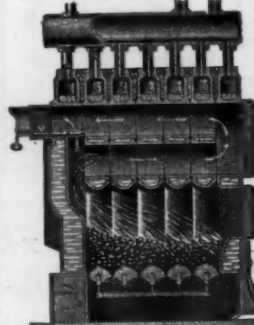
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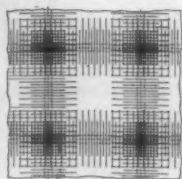
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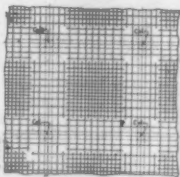
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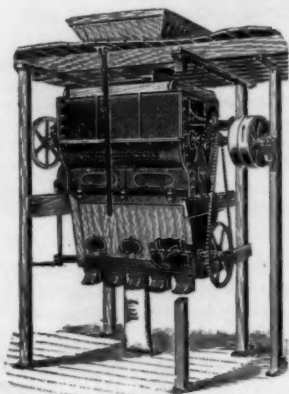
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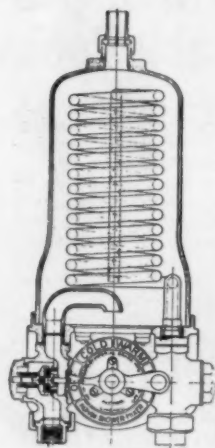
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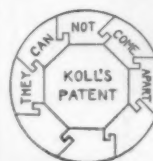
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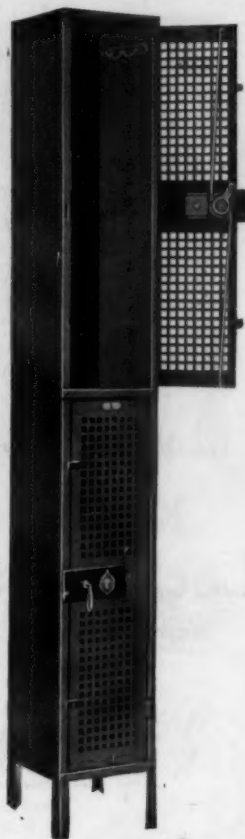
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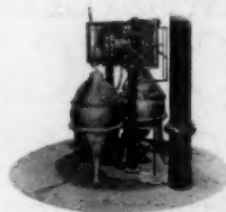
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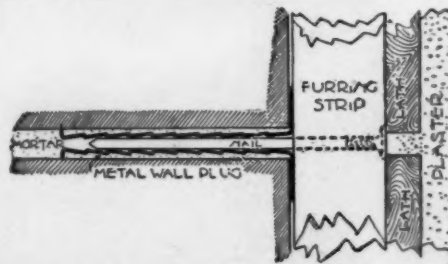
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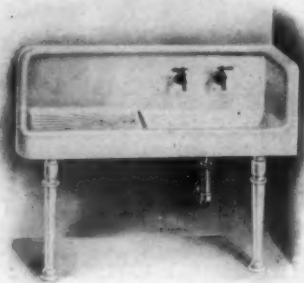


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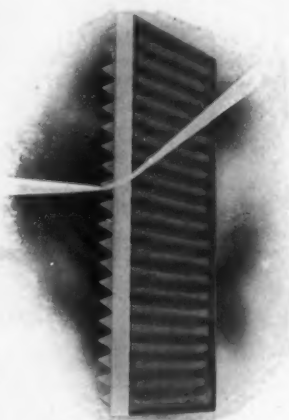


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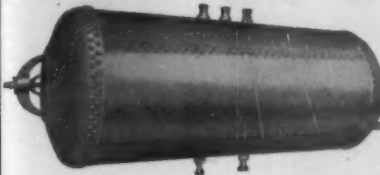
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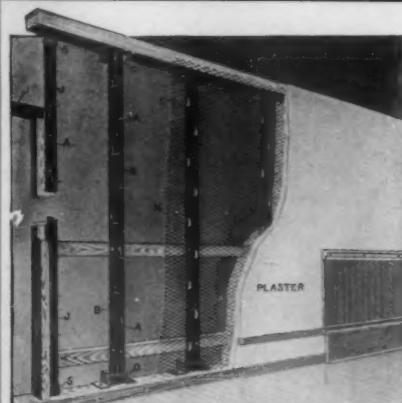
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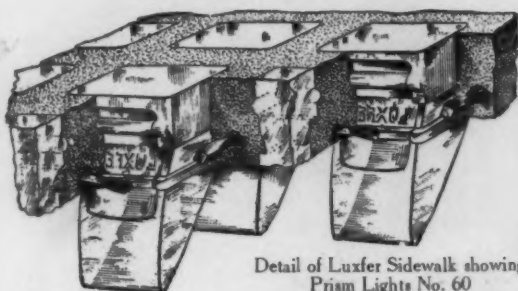
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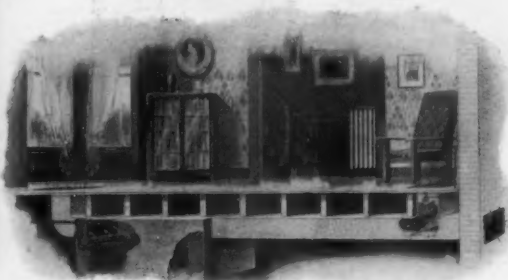
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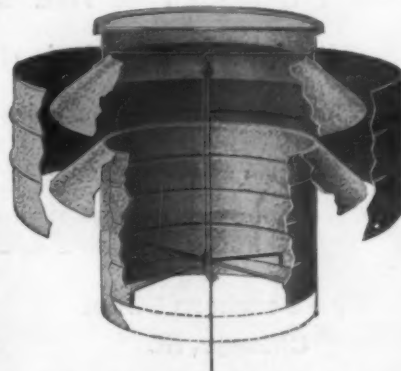
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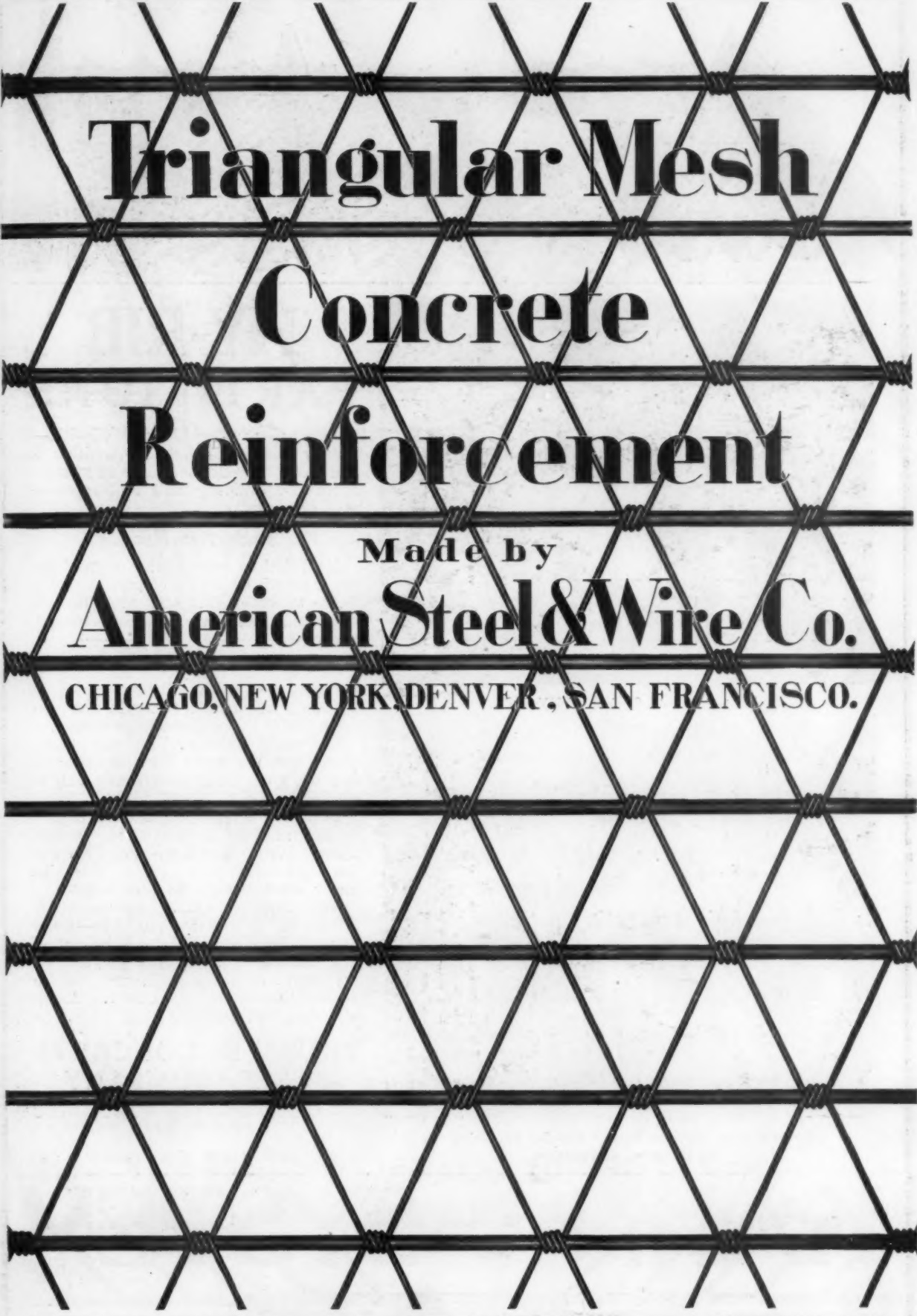
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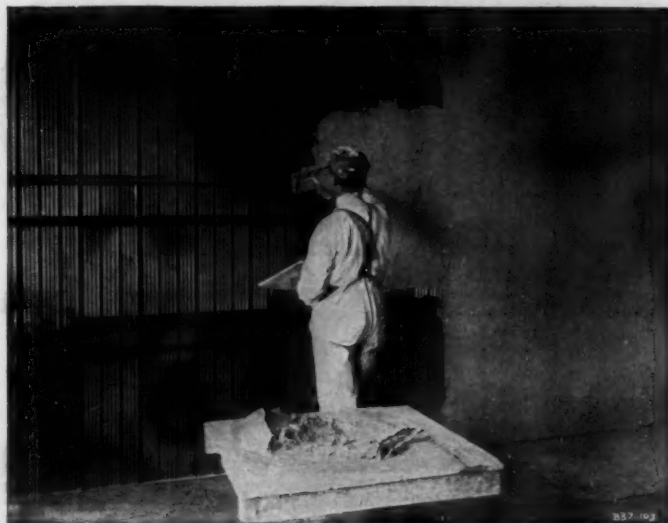
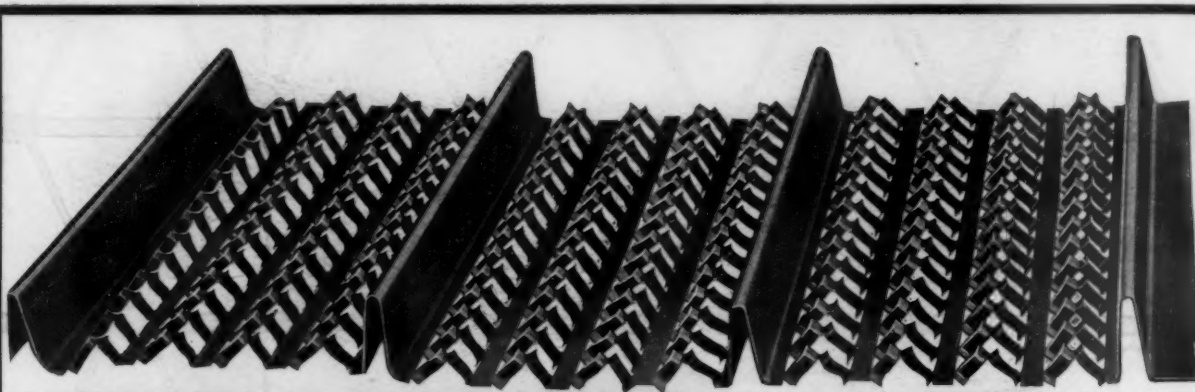
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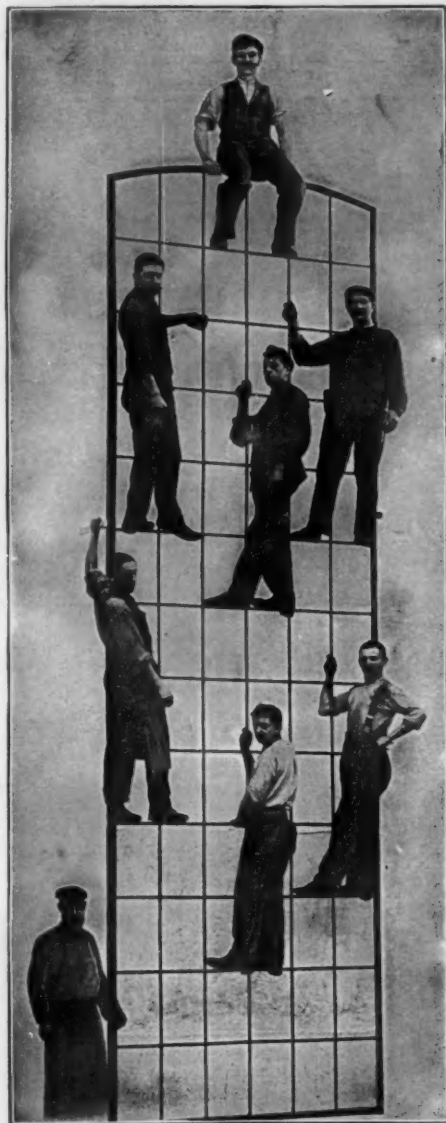
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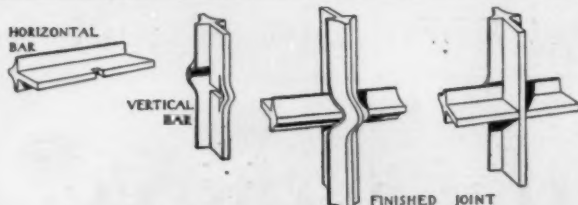


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

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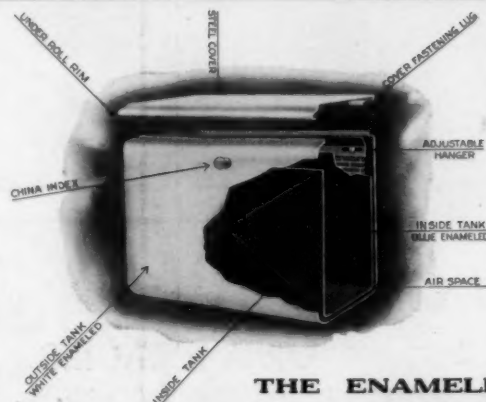
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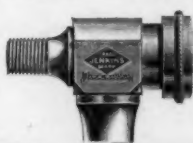
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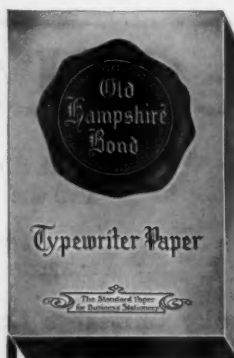
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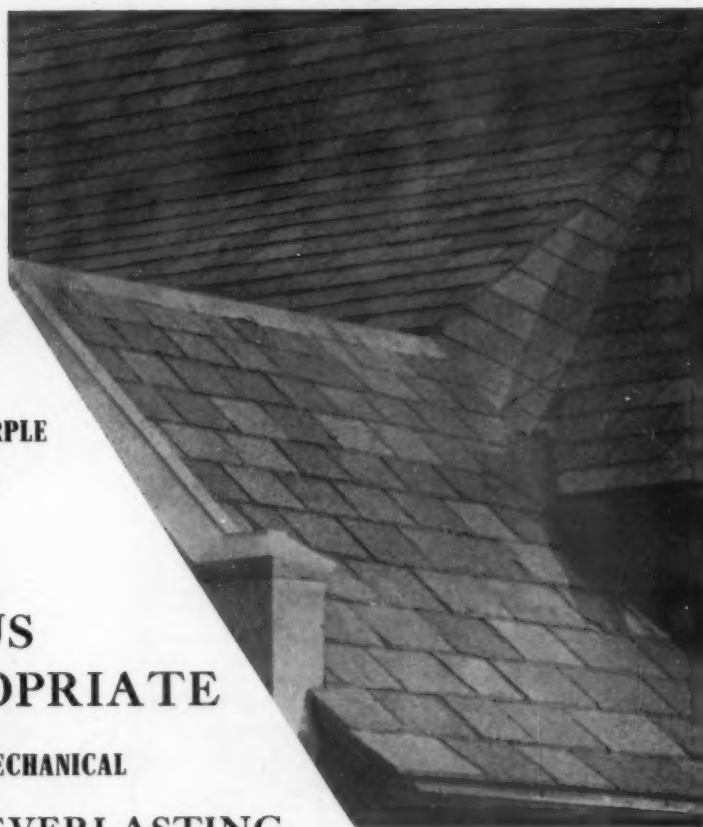
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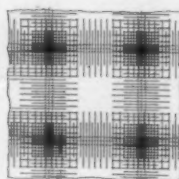
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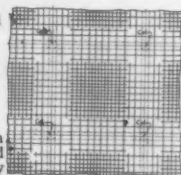


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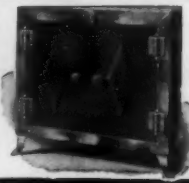
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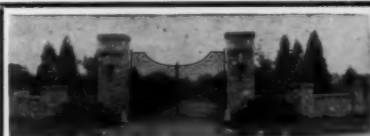
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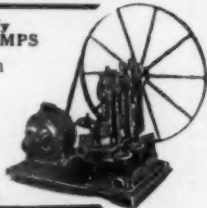
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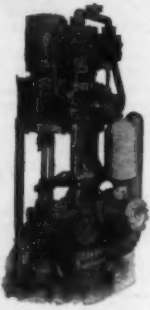
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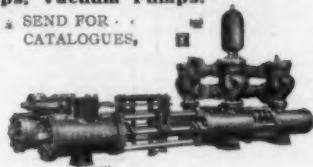


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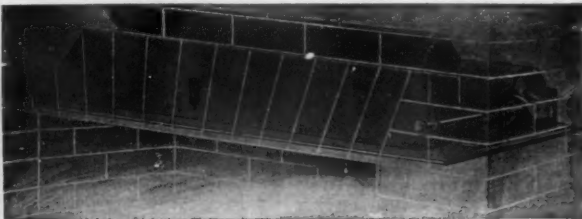
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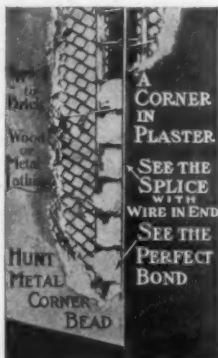
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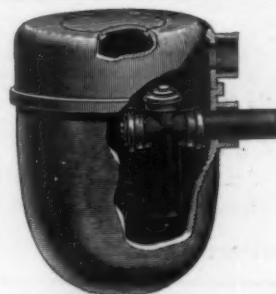


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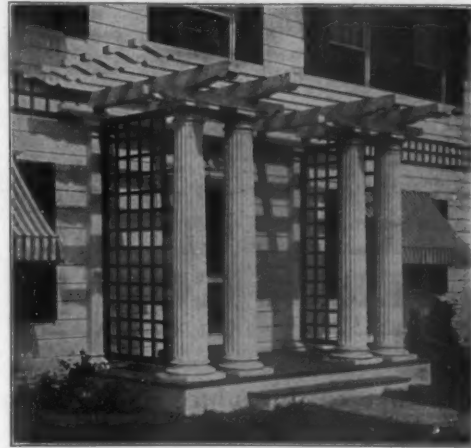
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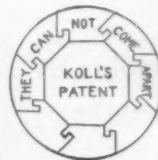
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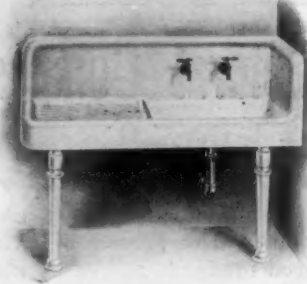


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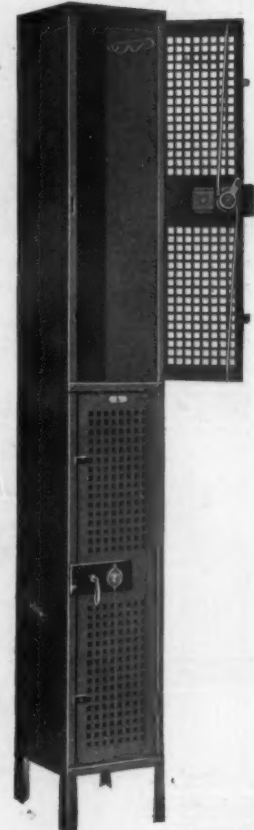
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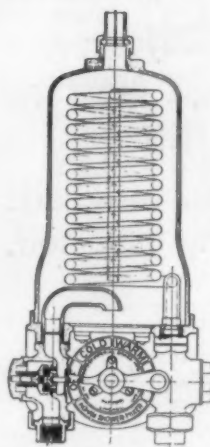
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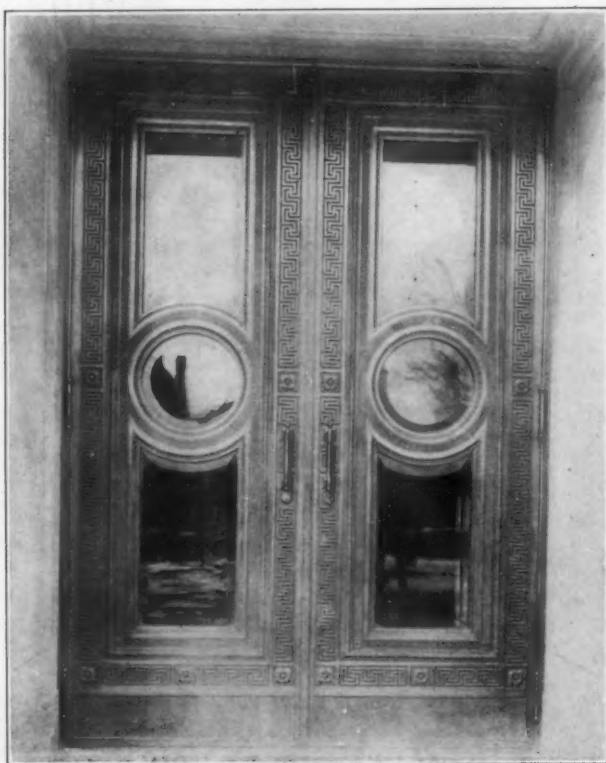
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|                                          |              |
|------------------------------------------|--------------|
| City Hall, New York, N. Y.               | Date 1803-12 |
| Old State House, Boston, Mass.           | " 1748       |
| Pennsylvania Hospital, Philadelphia, Pa. | " 1755       |
| Carpenters' Hall, Philadelphia, Pa.      | " 1770       |
| Independence Hall, Philadelphia, Pa.     | " 1729       |
| Faneuil Hall, Boston, Mass.              | " 1741       |

and others.

## CHURCHES

|                                                 |           |
|-------------------------------------------------|-----------|
| King's Chapel, Boston, Mass.                    | Date 1749 |
| Seventh-day Baptist Church, Newport, R. I.      | " 1729    |
| Christ Church, Alexandria, Va.                  | " 1767    |
| Christ Church, Philadelphia, Pa.                | " 1727    |
| St. Paul's Chapel, New York, N. Y.              | " 1764    |
| Old South Church, Boston, Mass.                 | " 1729    |
| First Church, Hingham, Mass.                    | " 1681    |
| St. John's Chapel, New York, N. Y.              | " 1803    |
| First Congregational Church, Canandaigua, N. Y. | " 1812    |
| St. Peter's P. E. Church, Philadelphia, Pa.     | " 1758    |
| Gloria Dei Church, Philadelphia, Pa.            | " 1700    |

and others.

## IMPORTANT HOUSES

|                                      |           |
|--------------------------------------|-----------|
| Fairbanks House, Dedham, Mass.       | Date 1636 |
| Royall Mansion, Dedham, Mass.        | " 1737    |
| Philipse Manor House, Yonkers, N. Y. | " 1745    |
| Tudor Place, Georgetown, D. C.       | " 179-    |
| Mappa House, Trenton, N. Y.          | " 1809    |
| Woodlawn, Va.                        | " 1799    |
| Mount Vernon, Va.                    | " 1743    |

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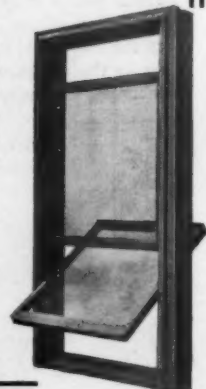
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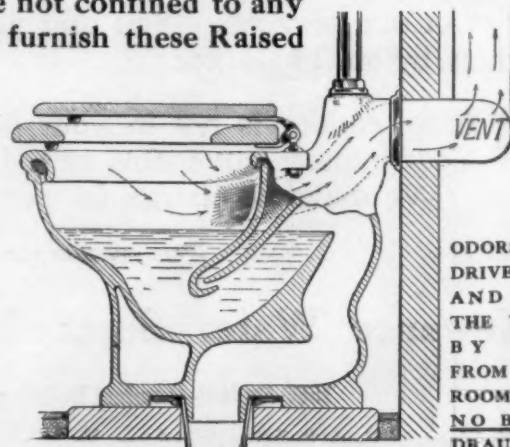
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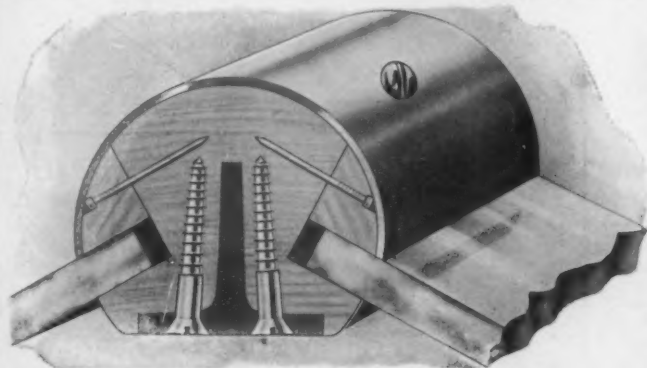
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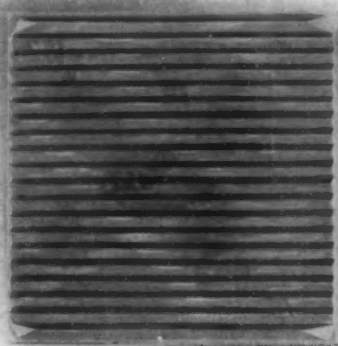
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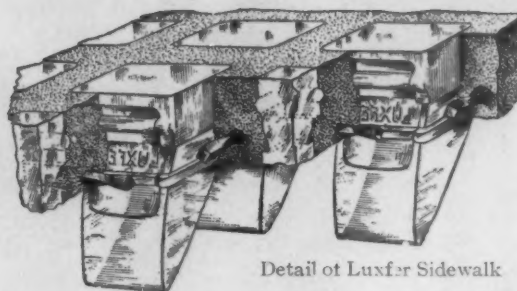
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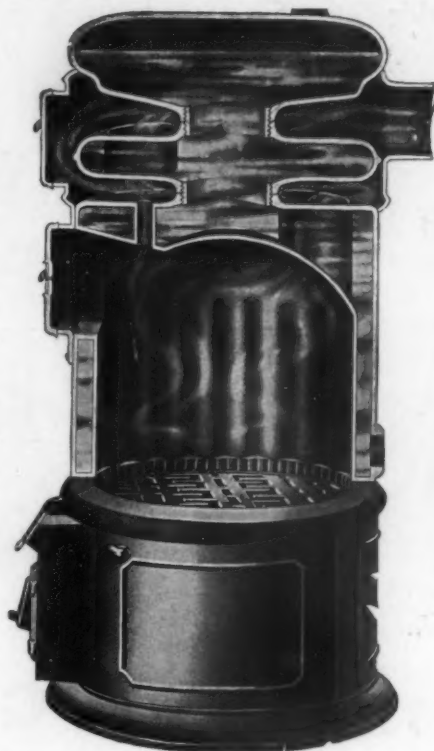


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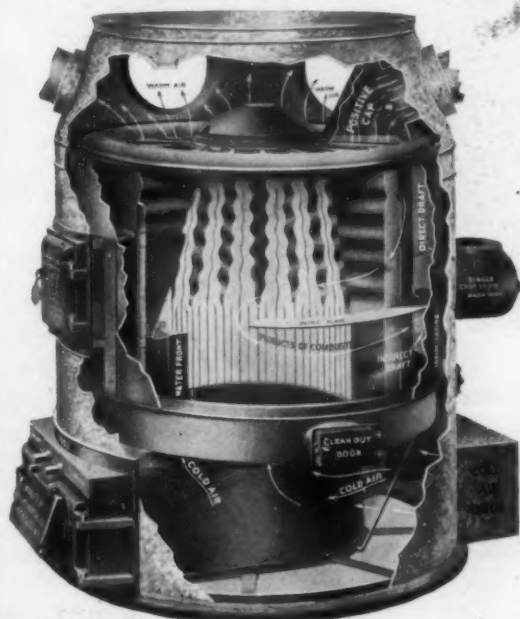
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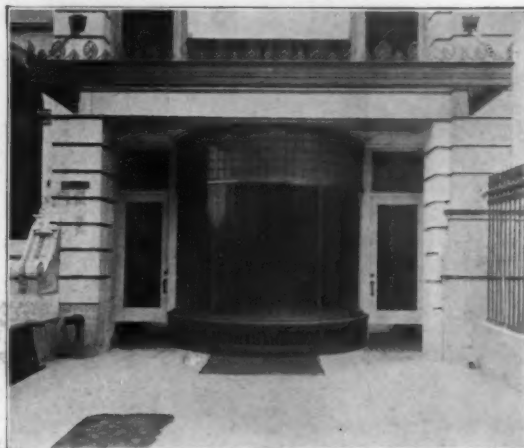
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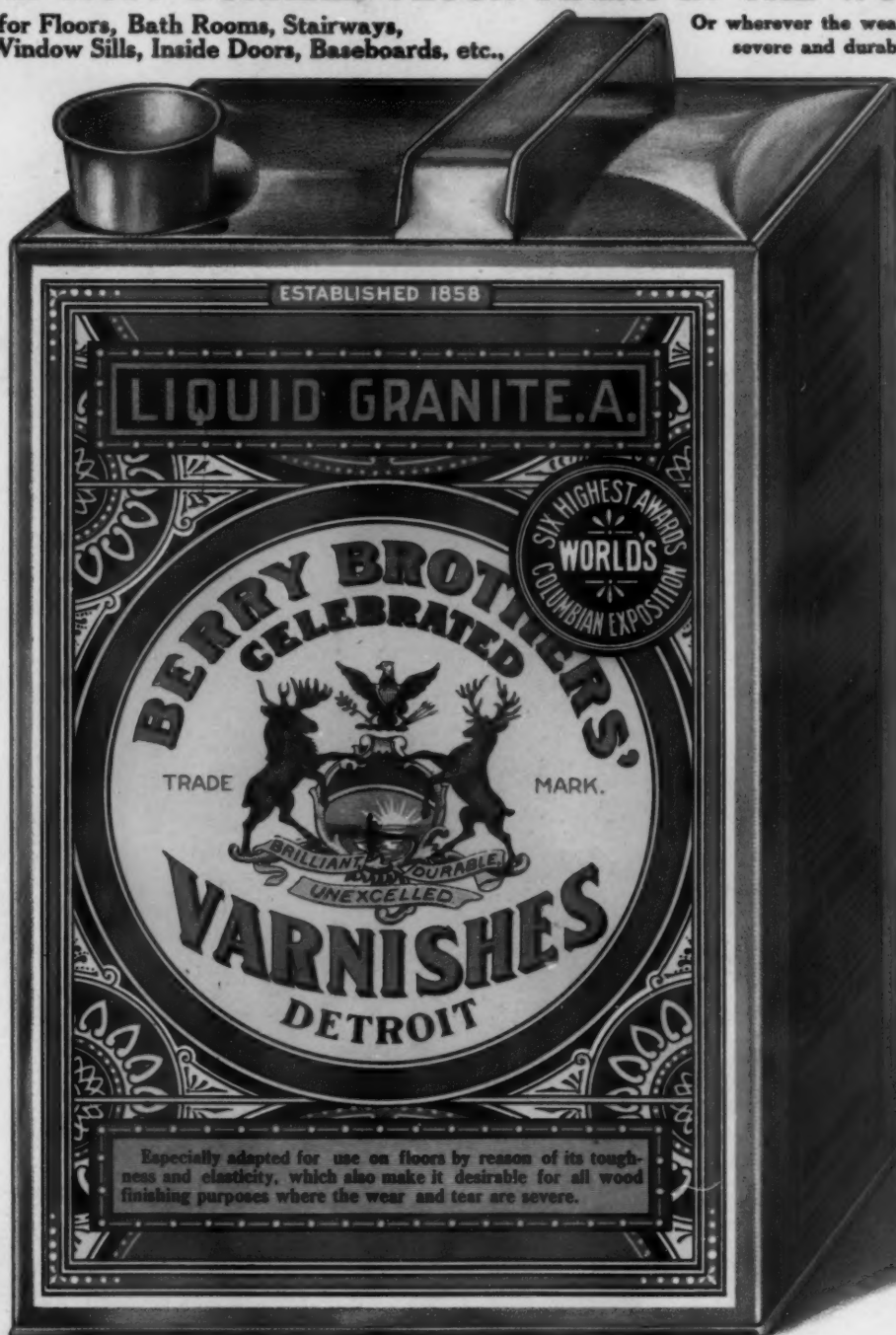
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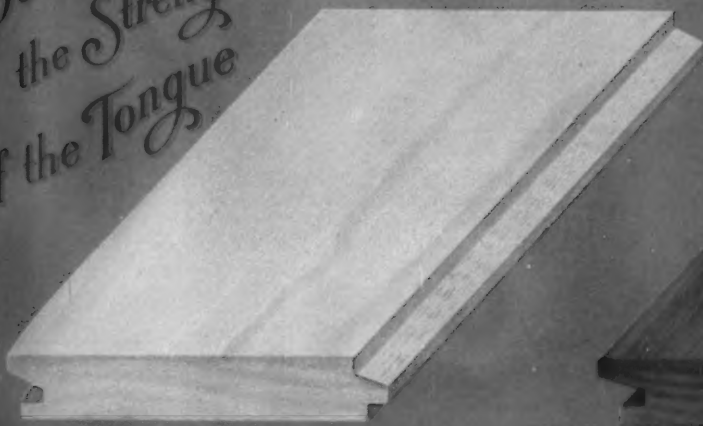
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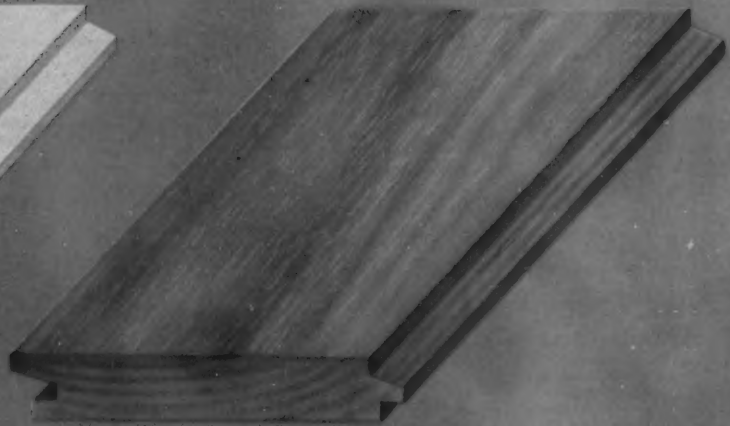


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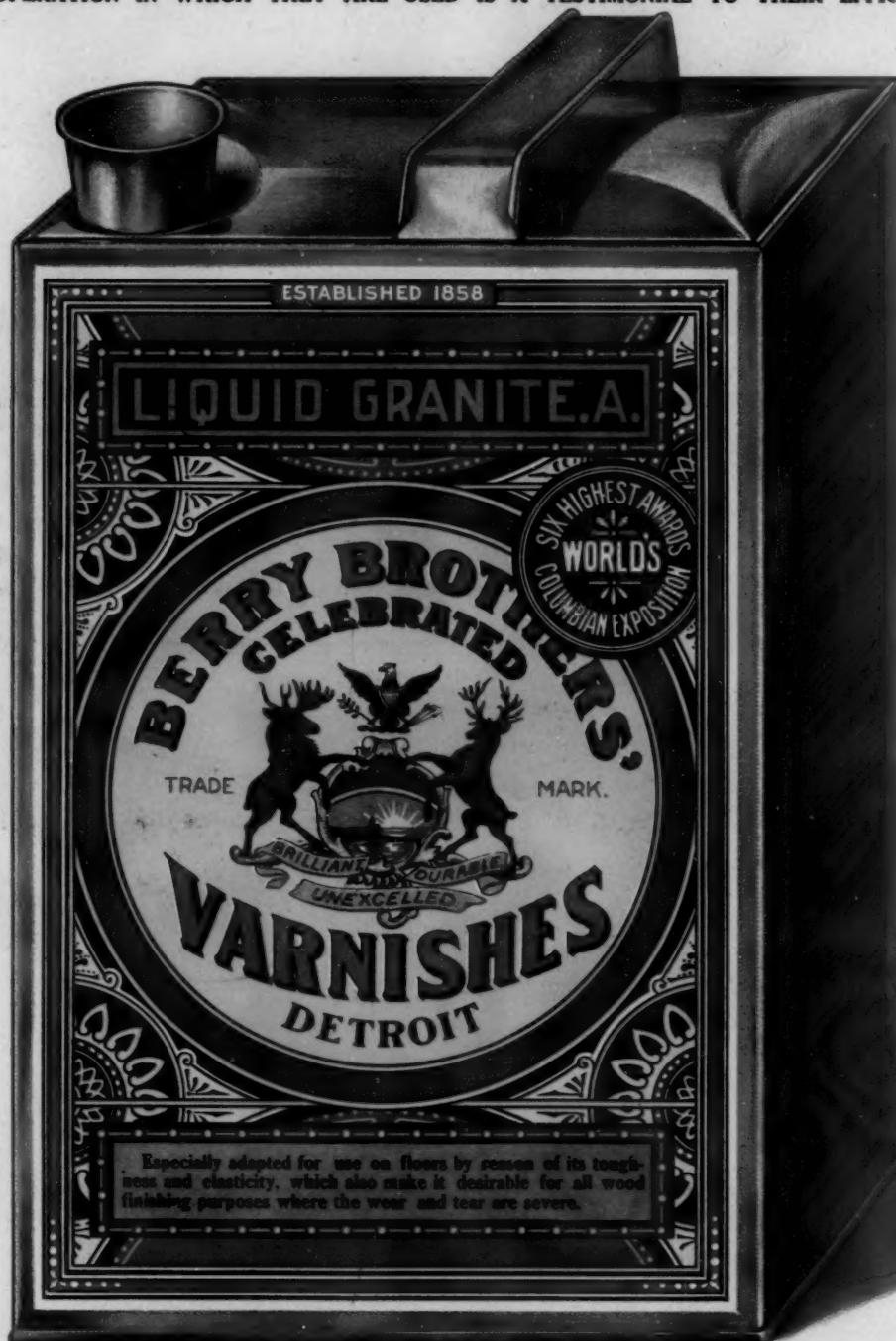
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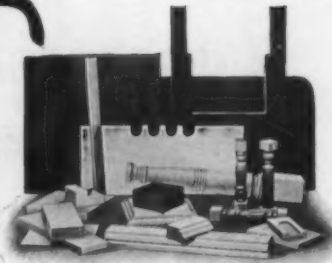
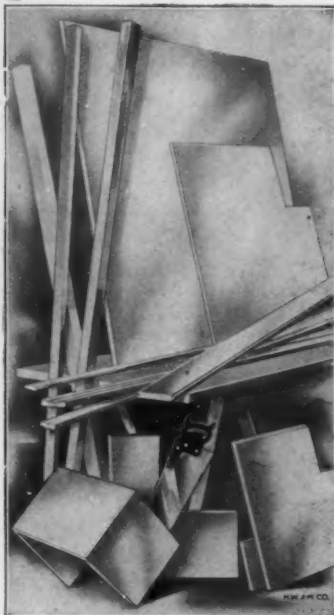
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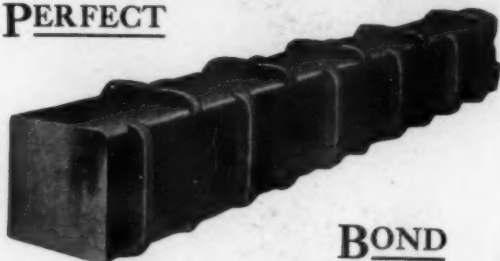
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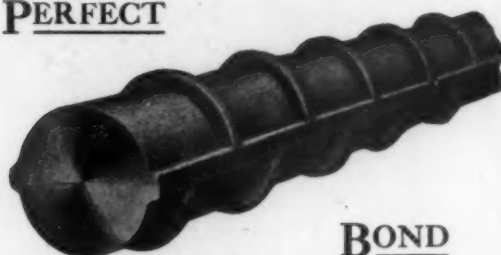


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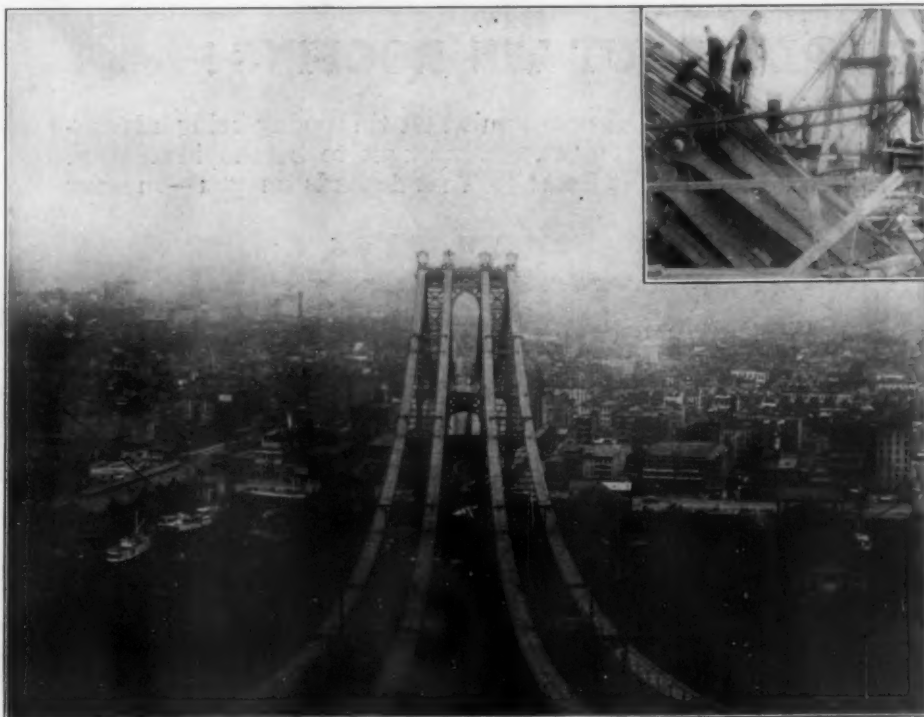
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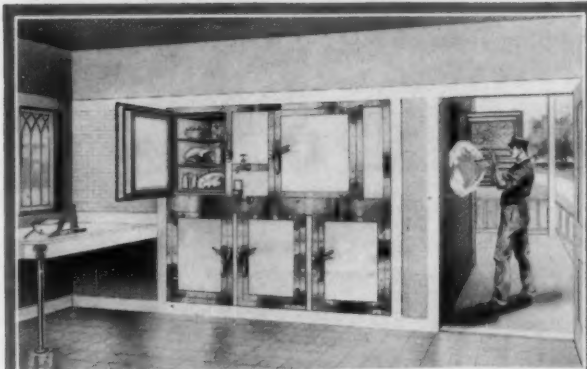
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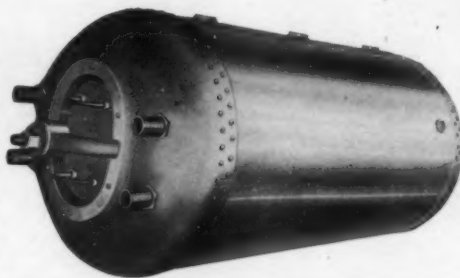
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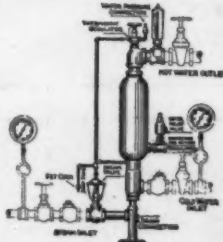
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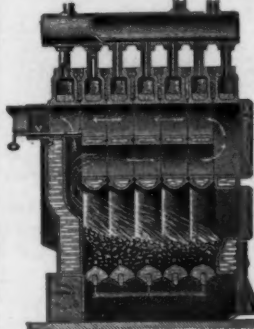

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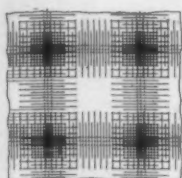


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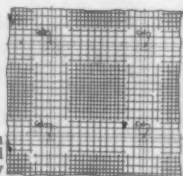
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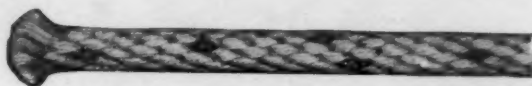
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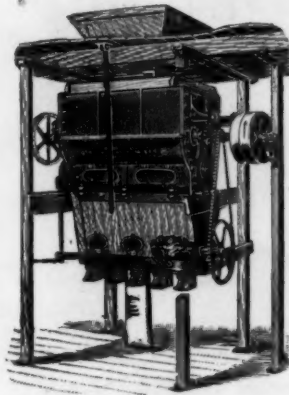
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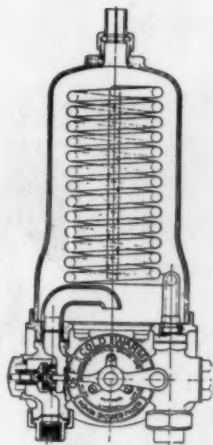
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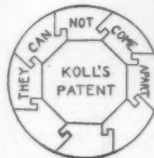
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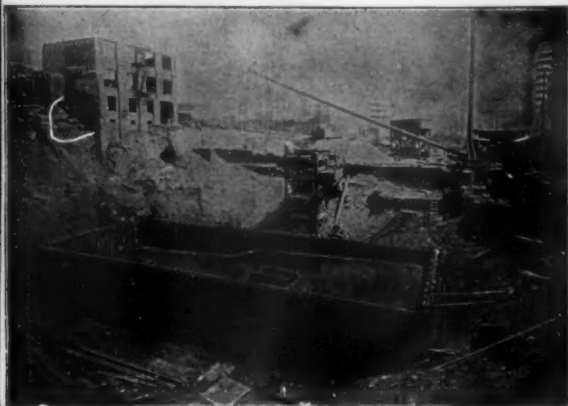
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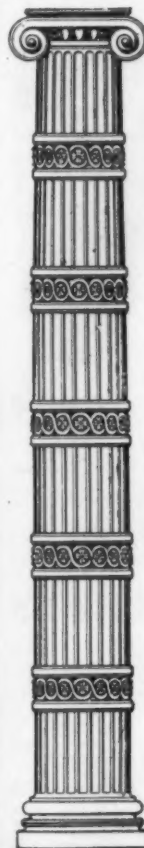
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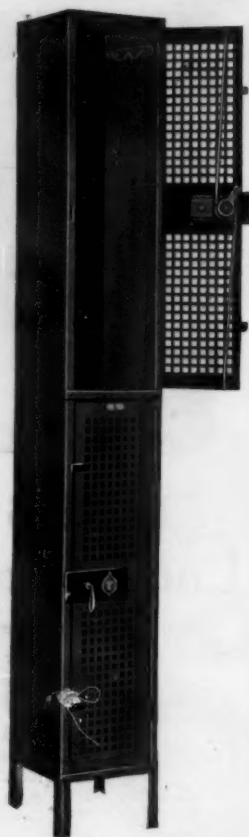
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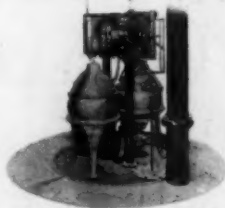
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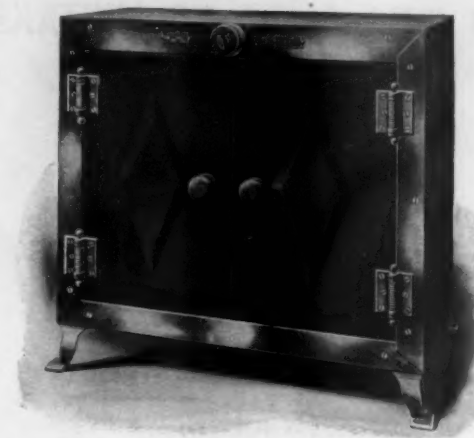
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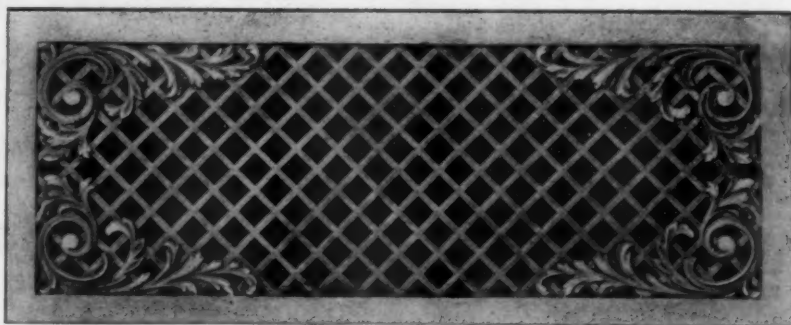
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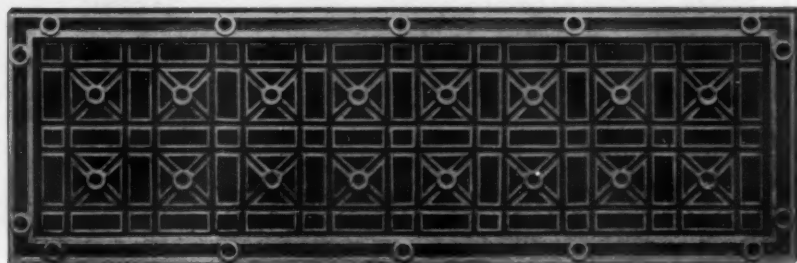
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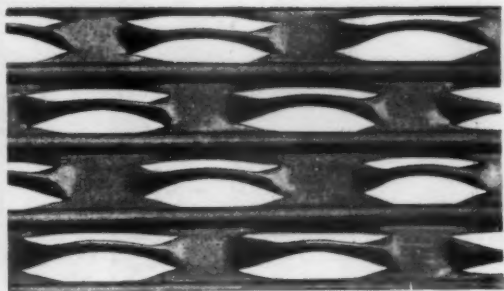
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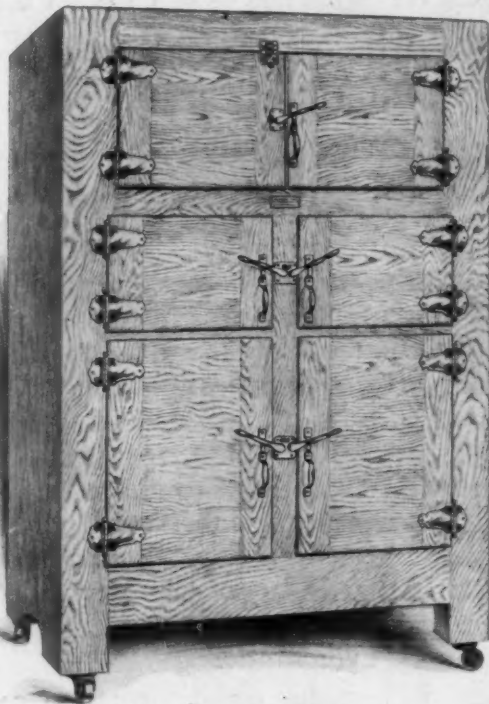
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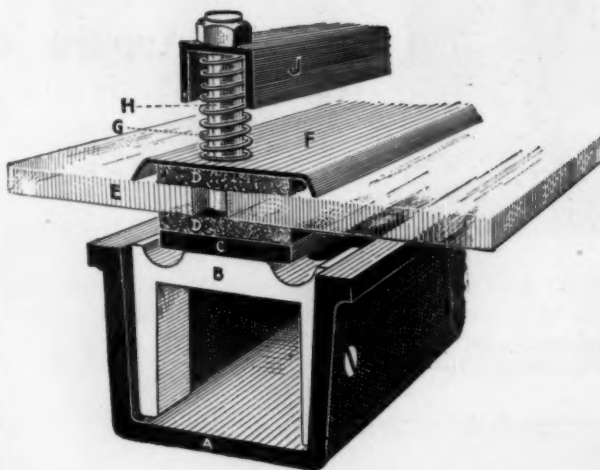
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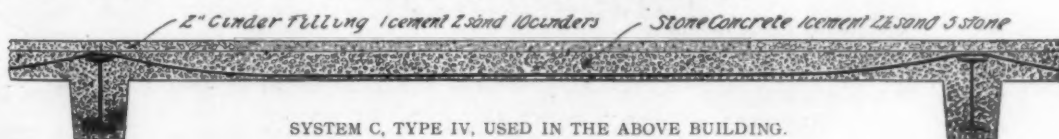
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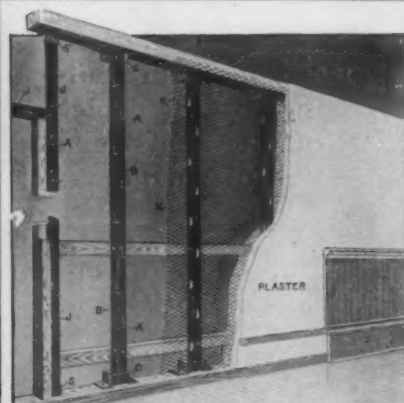
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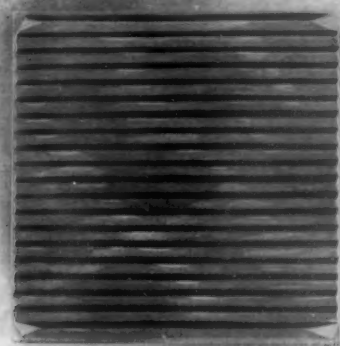
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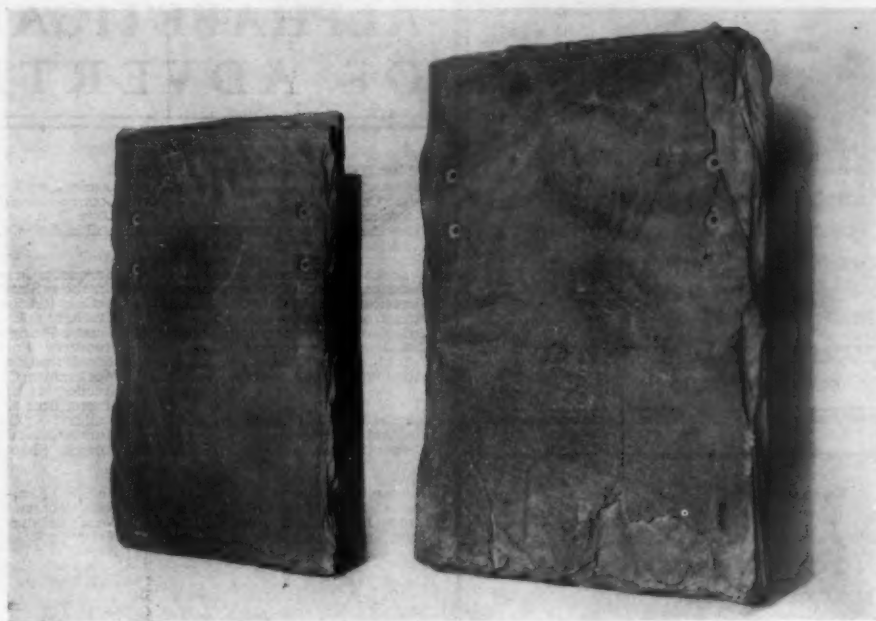
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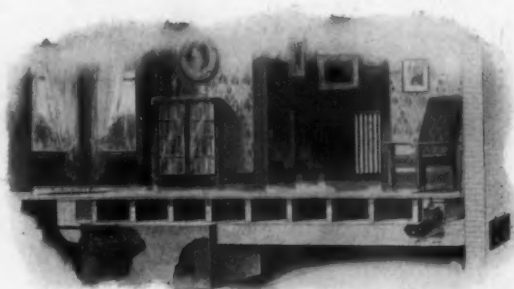
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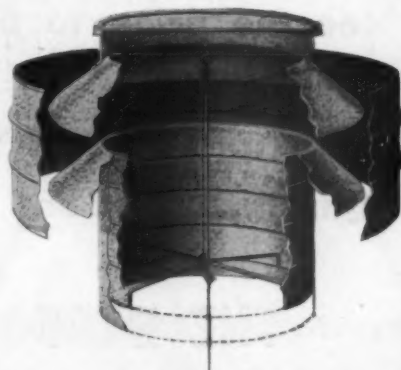
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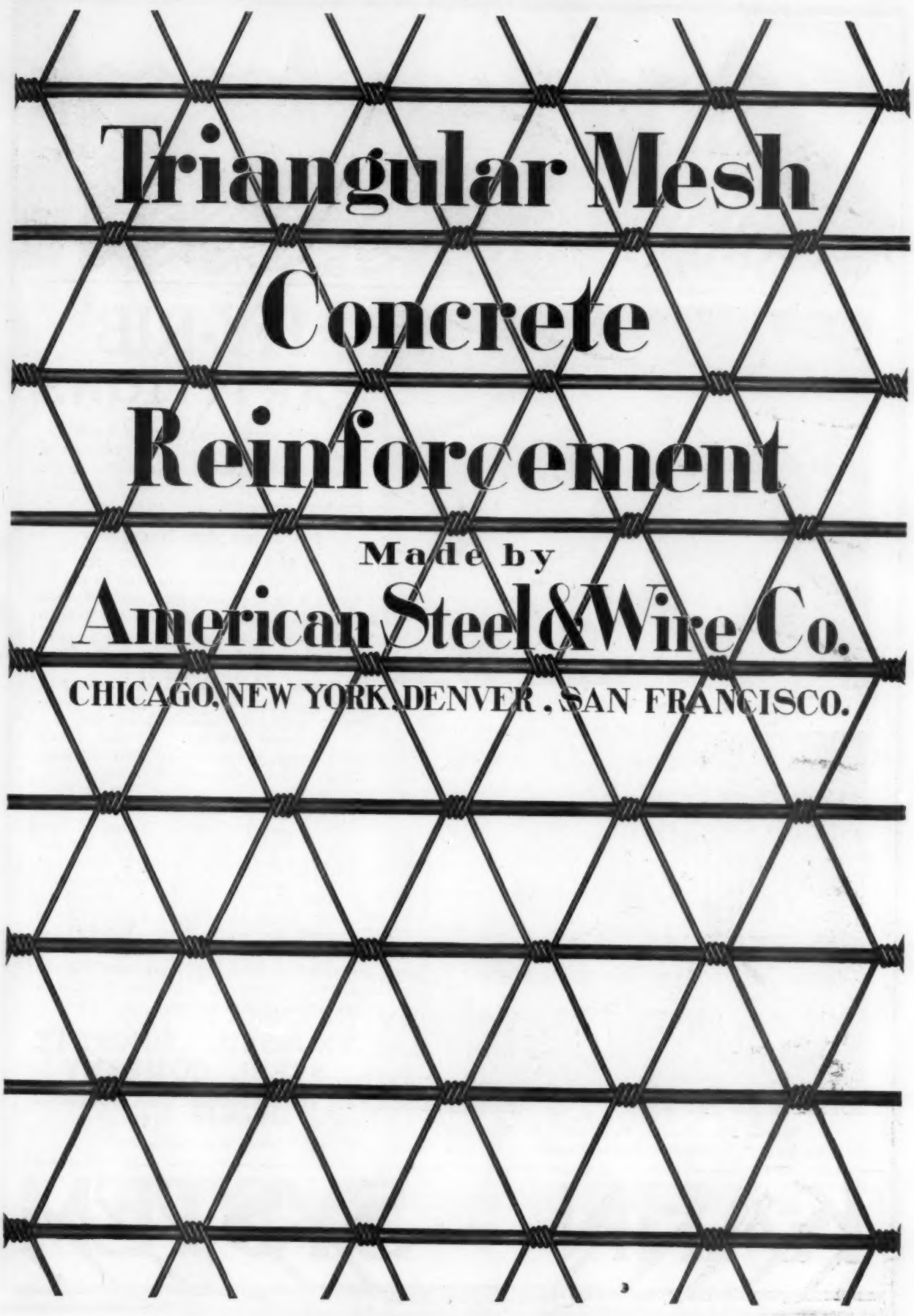
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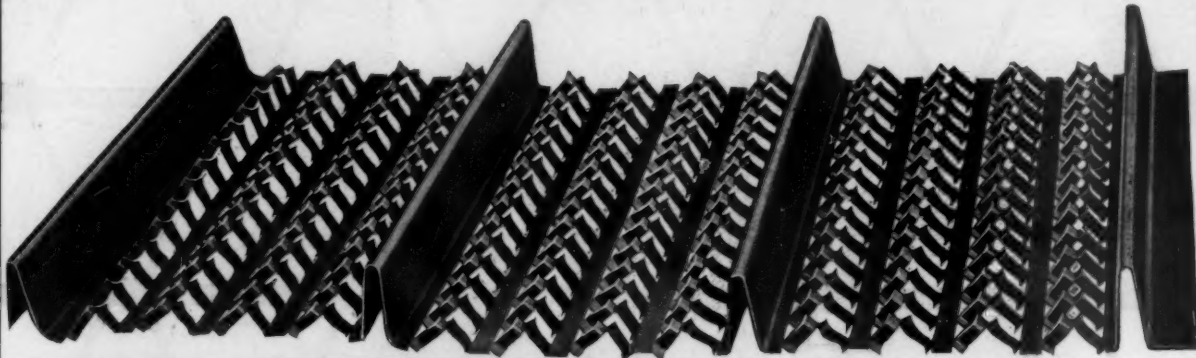


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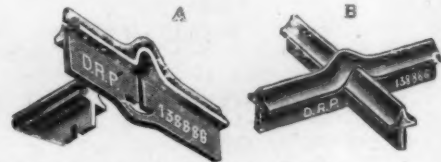
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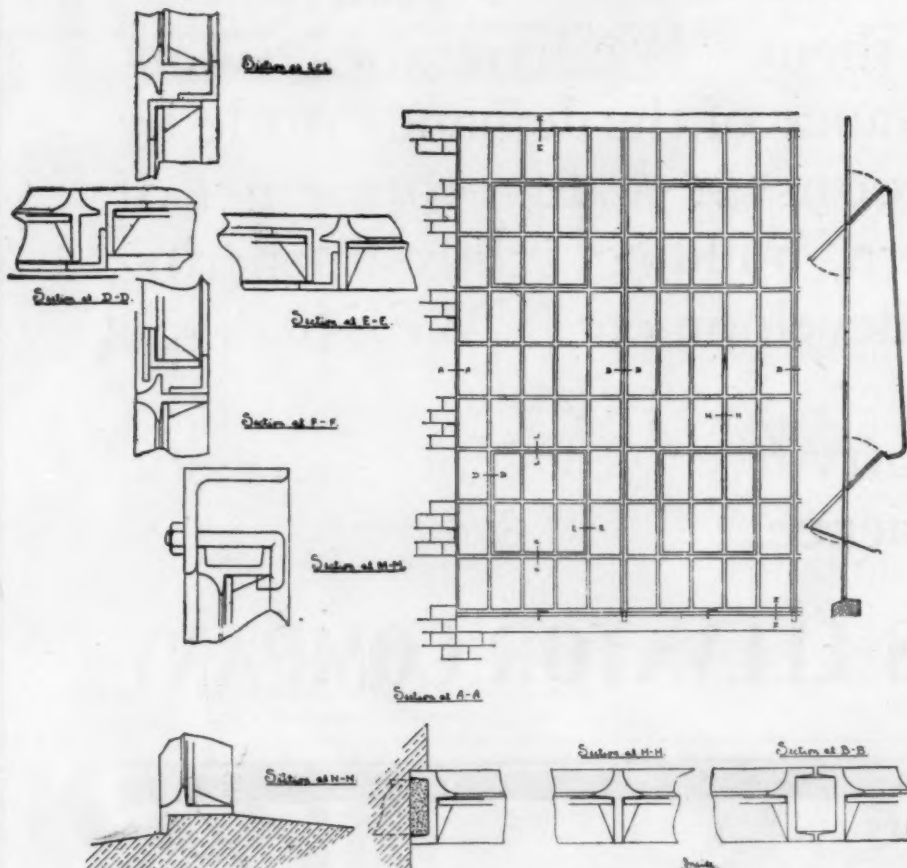
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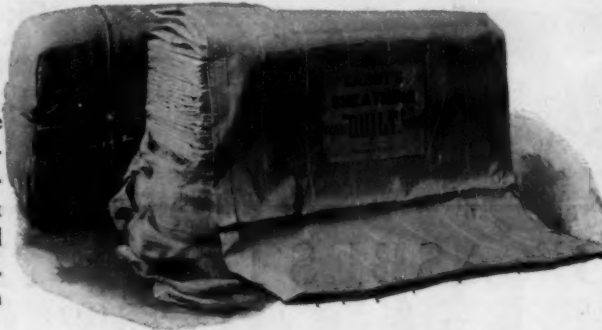
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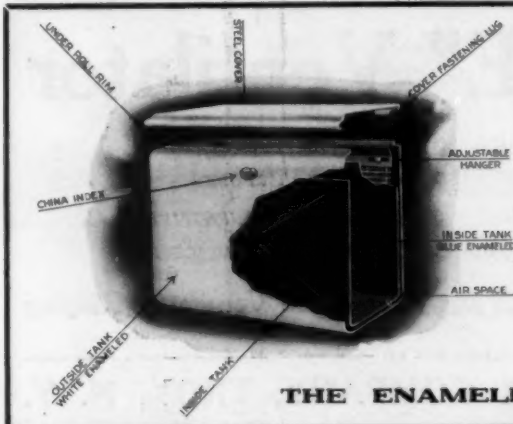


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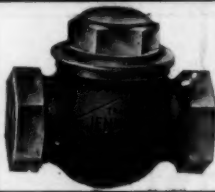
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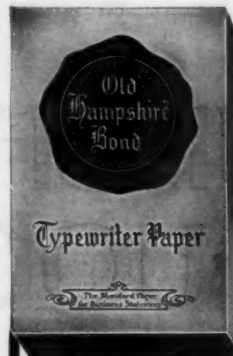
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### PROPOSALS

Treasury Department, Office of the Supervising Architect, Washington, D. C., February 23, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 1st day of April, 1909, and then opened, for the construction of the stack in connection with the extension, remodeling, etc., of the U. S. Assay Office Building, New York, N. Y., in accordance with drawing and specifications, copies of which can be obtained from the Superintendent of Construction, U. S. Custom House Building, New York, or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1732-33)

### NOTICE TO CONTRACTORS.

Sealed proposals for construction of Nurses' (Attendants) Home, including heating, plumbing and electric work; for two horizontal tubular boilers; for engine, generator and switchboard; and for glass inclosures for verandahs, at the Central Islip State Hospital, Central Islip, N. Y., will be received by the State Commission in Lunacy at the Capitol, Albany, N. Y., up to 3 o'clock P. M. on March 24th, 1909, when they will be opened and read publicly.

Proposals shall be accompanied by certified checks in the sum of \$5,000 for the Nurses' Home; \$250 for the two boilers; \$500 for the engine, generator and switchboard, and \$250 for the glass inclosures for verandahs, and the contractors to whom the awards are made will be required to furnish surety company's bond in the sum of \$50,000 for the Nurses' Home; \$2,500 for the two boilers; \$4,000 for the engine, generator and switchboard, and \$1,500 for the glass inclosures for verandahs. The right is reserved to reject any or all bids.

Drawings and specifications may be consulted and blank forms of proposals obtained at the Central Islip State Hospital, Central Islip, N. Y.; at the office of the State Commission in Lunacy, Room 5212, 1 Madison avenue, New York City, and at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y.

T. E. McGARR, Secretary,  
State Commission in Lunacy.  
Dated Feb. 26, 1909. (1733-34)

Treasury Department, Office of the Supervising Architect, Washington, D. C., February 26, 1909.—Sealed proposals will be received at this office until 3 P. M. on the 3d day of April, 1909, and then opened, for the construction of foundation to the extension and remodeling of the United States Assay Office Building, New York, in accordance with drawings and specifications, copies of which may be had at the office of the Superintendent of Construction of the U. S. Custom House at New York, N. Y., or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1732-33)

### NOTICE TO CONTRACTORS.

Sealed proposals for Power House, Coal Pocket, Trestle and Conduit, Construction including plumbing, also Conduit for Acute Hospital, Construction including steam piping, at the Hudson River State Hospital, Poughkeepsie, N. Y., will be received by the State Commission in Lunacy, at the Capitol, Albany, N. Y., up to 3 o'clock P. M., on March 24th, 1909, when they will be opened and read publicly.

Proposals shall be accompanied by certified check in the sum of \$2,000 for the Power House, Coal Pocket, Trestle and Conduit, and certified check in the sum of \$600 for the Conduit for Acute Hospital, and the contractors to whom the awards are made will be required to furnish surety company's bond in the sum of \$25,000 for the Power House, and \$3,000 for the Conduit for Acute Hospital. The right is reserved to reject any and all bids.

Drawings and specifications may be consulted and blank form of proposals obtained at the Hudson River State Hospital, Poughkeepsie, N. Y., and at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to, and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y.

Note: The work for the power house does not include boilers or other equipment.  
T. E. McGARR, Secretary,  
State Commission in Lunacy.

Albany, N. Y.,  
26th day of February, 1909. (1732-33-34)

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 1, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 7th day of April, 1909, and then opened for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring) of the U. S. Post Office at Marion, Ohio, in accordance with drawings and specifications, copies of which may be obtained from the Custodian of the site at Marion, Ohio, or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1733-34)

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 1, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 5th day of April, 1909, and then opened for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring) of the U. S. Post Office

at Dothan, Alabama, in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Dothan, Alabama, or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1733-34)

### NOTICE TO CONTRACTORS.

Sealed proposals for construction of Nurses' (Attendants) Home, including heating, plumbing and electric work; for two horizontal tubular boilers; for engine, generator and switchboard; and for glass inclosures for verandahs, at the Central Islip State Hospital, Central Islip, N. Y., will be received by the State Commission in Lunacy at the Capitol, Albany, N. Y., up to 3 o'clock P. M. on March 24th, 1909, when they will be opened and read publicly.

Proposals shall be accompanied by certified checks in the sum of \$5,000 for the Nurses' Home; \$250 for the two boilers; \$500 for the engine, generator and switchboard, and \$250 for the glass inclosures for verandahs, and the contractors to whom the awards are made will be required to furnish surety company's bond in the sum of \$50,000 for the Nurses' Home; \$2,500 for the two boilers; \$4,000 for the engine, generator and switchboard, and \$1,500 for the glass inclosures for verandahs. The right is reserved to reject any or all bids.

Drawings and specifications may be consulted and blank forms of proposals obtained at the Central Islip State Hospital, Central Islip, N. Y.; at the office of the State Commission in Lunacy, Room 5212, 1 Madison avenue, New York City, and at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y.

T. E. McGARR, Secretary,  
State Commission in Lunacy.  
Dated Feb. 26, 1909. (1733-34)

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 6, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 26th day of March, 1909, and then opened, for the installation of a vacuum-cleaning system for the U. S. Post Office and Court House at Atlanta, Ga., in accordance with drawings and specification, copies of which may be had at this office, or at the office of the superintendent, Atlanta, Ga., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1733-34)

### NOTICE TO CONTRACTORS.

Sealed proposals for Power House, Coal Pocket and Conduits construction, including plumbing and electric work, and for Laundry building, construction, including heating, plumbing and electric work, at the Kings Park State Hospital, Kings Park, N. Y., will be received by the State Commission in Lunacy at the Capitol, Albany, N. Y., up to 3 o'clock P. M., on March 24th, 1909, when they will be opened and read publicly.

Proposals shall be accompanied by certified check in the sum of \$2,000 each for the Power House, and Laundry, and the contractors to whom the awards are made will be required to furnish surety company's bond in the sum of \$25,000 for the Power House and \$25,000 for the Laundry. The right is reserved to reject any and all bids.

Drawings and specifications may be consulted and blank forms of proposals obtained at the Kings Park State Hospital, Kings Park, N. Y., at the office of the State Commission in Lunacy, Room 5212, 1 Madison avenue, New York City, and at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to, and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y.

NOTE: This work does not include boilers or other equipment in the Power House, or laundry machinery.

T. E. McGARR, Secretary,  
State Commission in Lunacy.  
Dated Feb. 26th, 1909. (1733-34)

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 6, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 12th day of April, 1909, and then opened, for the construction (including plumbing, water supply system, etc.) of the superstructure to the extension, remodeling, etc., of the United States Assay Office Building, New York, in accordance with drawings and specifications, copies of which may be had at the office of the Superintendent of Construction, U. S. Custom House, New York City, or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1733-34)



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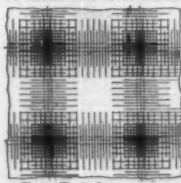
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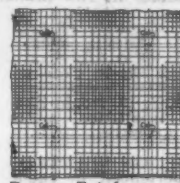
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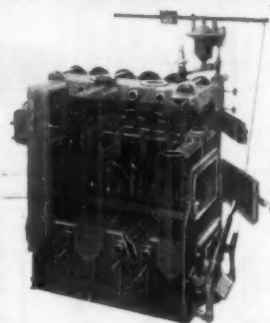


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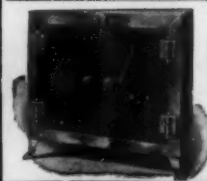
See Harper's Weekly, Oct. 3, 1908. Patent Serial No. 450,294—Aug. 2

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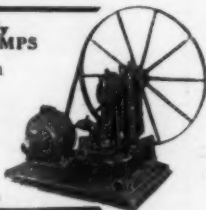
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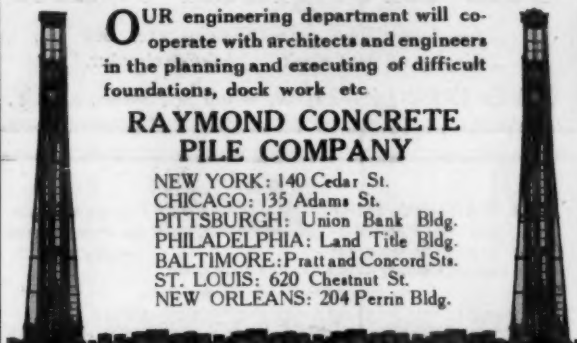
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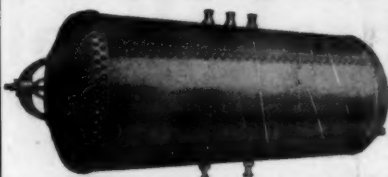
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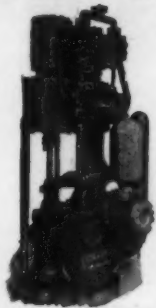
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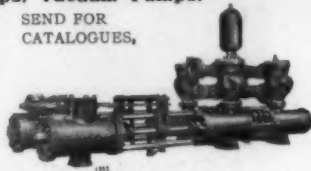
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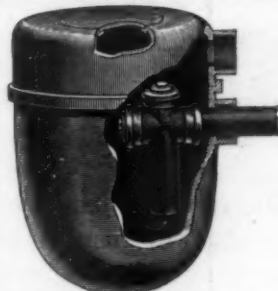


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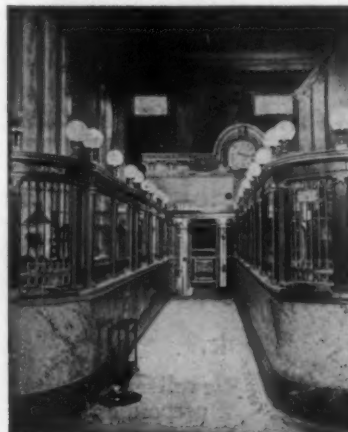
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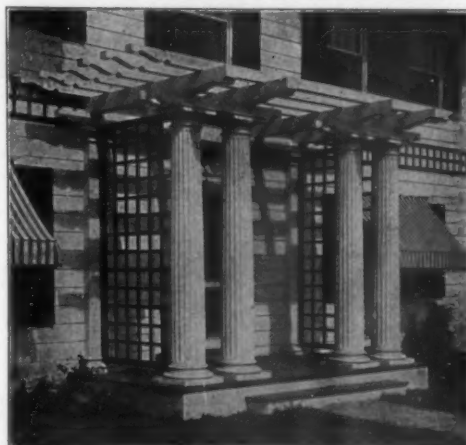
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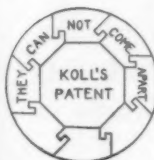
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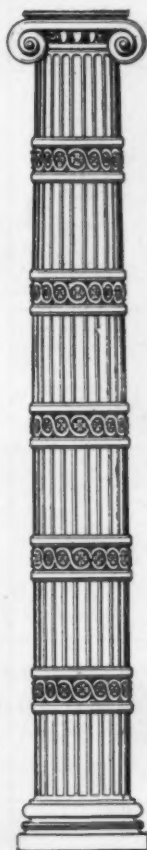
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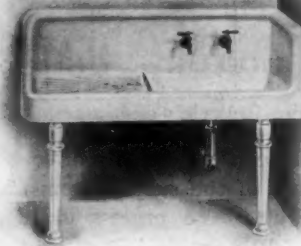


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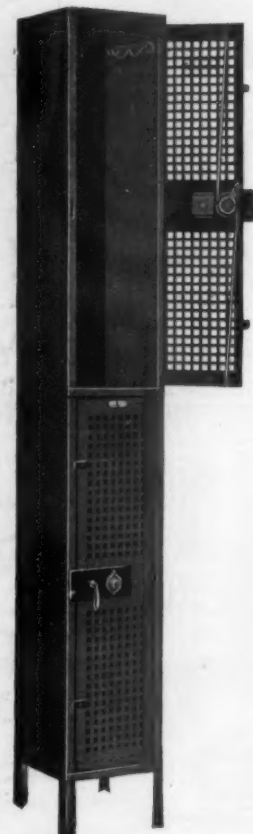
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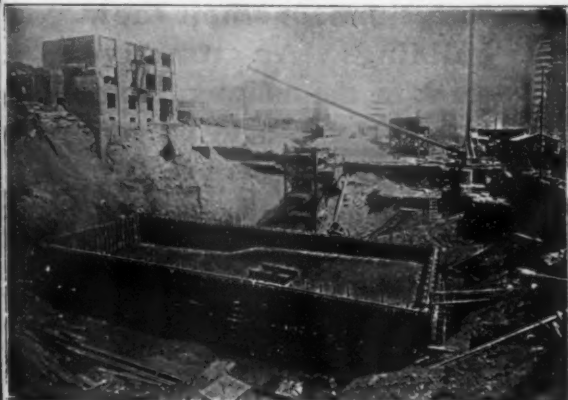






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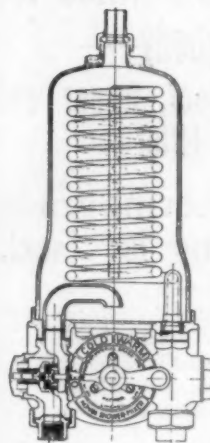
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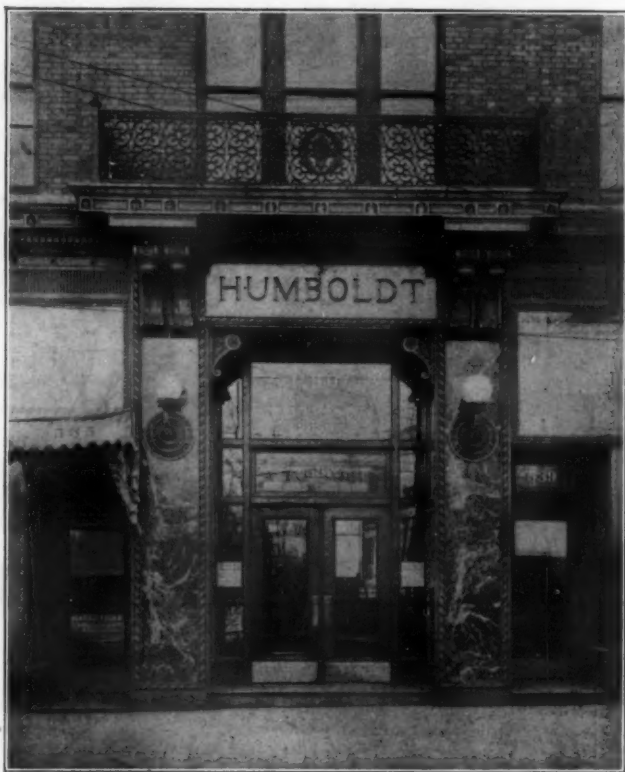


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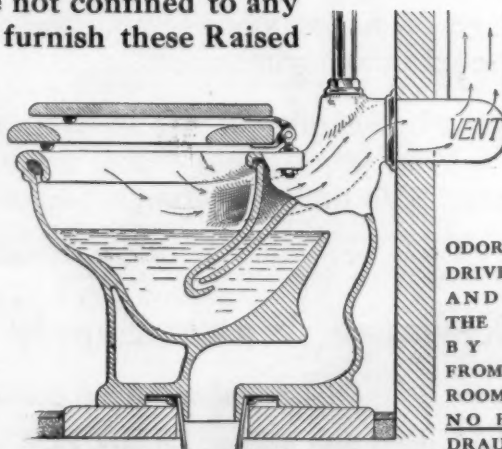
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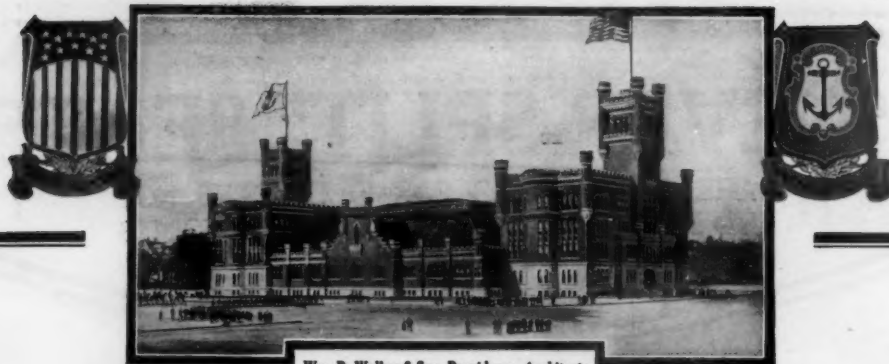
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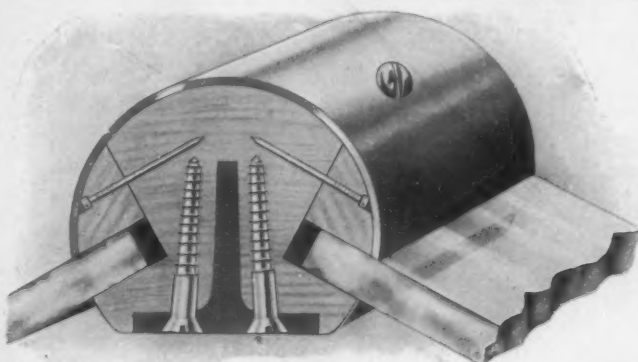
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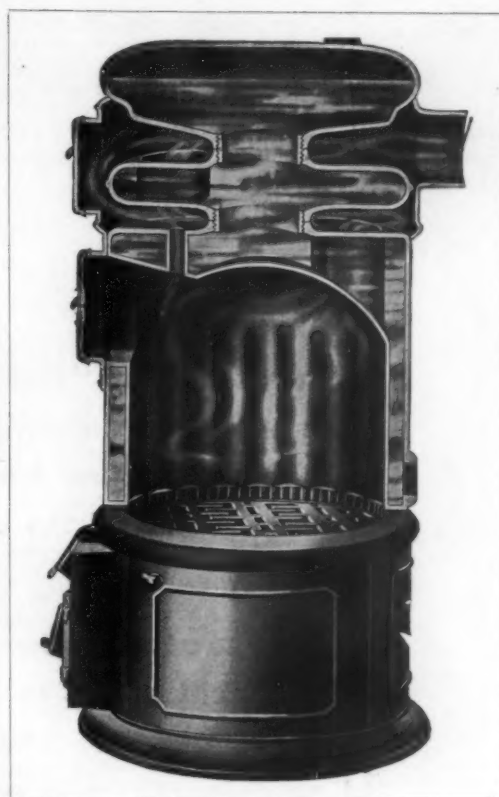


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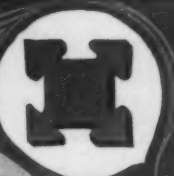
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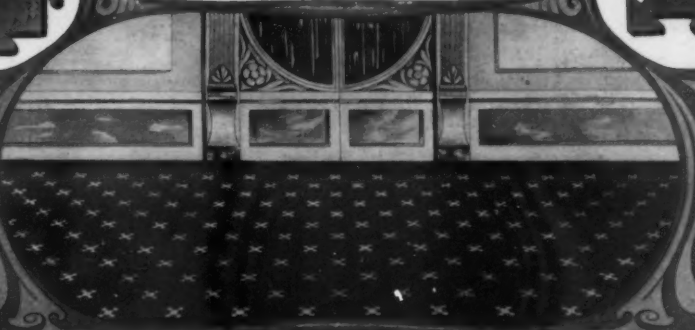
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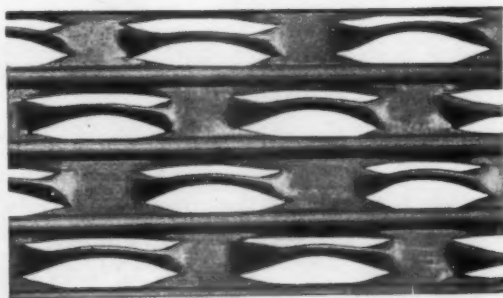


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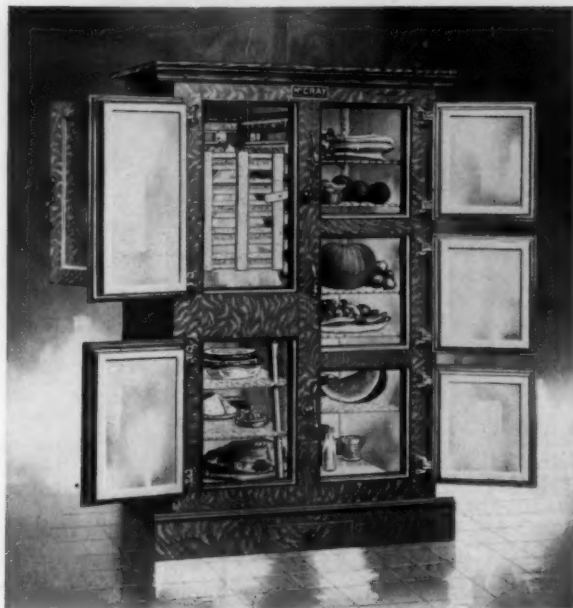
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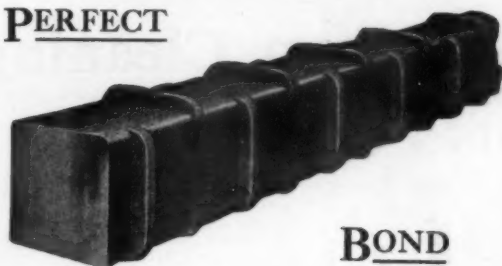
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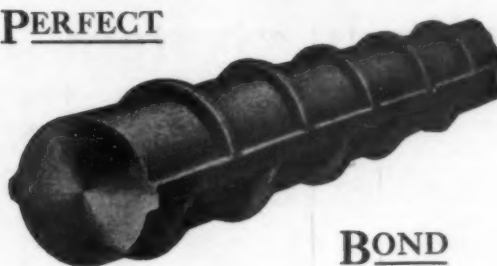
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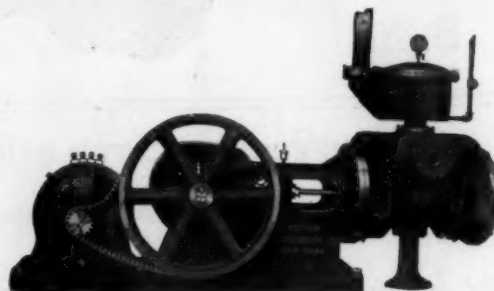
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### PROPOSALS

#### NOTICE TO CONTRACTORS.

Sealed proposals for construction of Nurses' (Attendants) Home, including heating, plumbing and electric work; for two horizontal tubular boilers; for engine, generator and switchboard; and for glass inclosures for verandahs, at the Central Islip State Hospital, Central Islip, N. Y., will be received by the State Commission in Lunacy at the Capitol, Albany, N. Y., up to 3 o'clock P. M. on March 24th, 1909, when they will be opened and read publicly.

Proposals shall be accompanied by certified checks in the sum of \$5,000 for the Nurses' Home; \$250 for the two boilers; \$500 for the engine, generator and switchboard, and \$250 for the glass inclosures for verandahs, and the contractors to whom the awards are made will be required to furnish

surety company's bond in the sum of \$50,000 for the Nurses' Home; \$2,500 for the two boilers; \$4,000 for the engine, generator and switchboard, and \$1,500 for the glass inclosures for verandahs. The right is reserved to reject any or all bids.

Drawings and specifications may be consulted and blank forms of proposals obtained at the Central Islip State Hospital, Central Islip, N. Y.; at the office of the State Commission in Lunacy, Room 5212, 1 Madison Avenue, New York City, and at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y.

T. E. McGARR, Secretary,  
State Commission in Lunacy.

Dated Feb. 26, 1909.

(1733-34)

#### NOTICE TO CONTRACTORS.

Sealed proposals for Power House, Coal Pocket, Trestle and Conduit, Construction including plumbing, also Conduit for Acute Hospital, Construction including steam piping, at the Hudson River State Hospital, Poughkeepsie, N. Y., will be received by the State Commission in Lunacy, at the Capitol, Albany, N. Y., up to 3 o'clock P. M., on March 24th, 1909, when they will be opened and read publicly.

Proposals shall be accompanied by certified check in the sum of \$2,000 for the Power House, Coal Pocket, Trestle and Conduit, and certified check in the sum of \$600 for the Conduit for Acute Hospital, and the contractors to whom the awards are made will be required to furnish surety company's bond in the sum of \$25,000 for the Power House, and \$3,000 for the Conduit for Acute Hospital. The right is reserved to reject any and all bids.

Drawings and specifications may be consulted and blank forms of proposals obtained at the Hudson River State Hospital, Poughkeepsie, N. Y., and at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to, and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y.

Note: The work for the power house does not include boilers or other equipment.

T. E. McGARR, Secretary,  
State Commission in Lunacy.

Dated Albany, N. Y.,

26th day of February, 1909.

(1732-33-34)

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 1, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 7th day of April, 1909, and then opened for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring) of the U. S. Post Office at Marion, Ohio, in accordance with drawings and specifications, copies of which may be obtained from the Custodian of the site at Marion, Ohio, or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1733-34)

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 1, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 5th day of April, 1909, and then opened for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring) of the U. S. Post Office at Dothan, Alabama, in accordance with drawings and specifications, copies of which may be obtained from the Custodian of site at Dothan, Alabama, or at this office at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1733-34)

#### NOTICE TO CONTRACTORS.

Sealed proposals for construction of Nurses' (Attendants) Home, including heating, plumbing and electric work; for two horizontal tubular boilers; for engine, generator and switchboard; and for glass inclosures for verandahs, at the Central Islip State Hospital, Central Islip, N. Y., will be received by the State Commission in Lunacy at the Capitol, Albany, N. Y., up to 3 o'clock P. M. on March 24th, 1909, when they will be opened and read publicly.

Proposals shall be accompanied by certified checks in the sum of \$5,000 for the Nurses' Home; \$250 for the two boilers; \$500 for the engine, generator and switchboard, and \$250 for the glass inclosures for verandahs, and the contractors to whom the awards are made will be required to furnish surety company's bond in the sum of \$50,000 for the Nurses' Home; \$2,500 for the two boilers; \$4,000 for the engine, generator and switchboard, and \$1,500 for the glass inclosures for verandahs. The right is reserved to reject any or all bids.

Drawings and specifications may be consulted and blank forms of proposals obtained at the Central Islip State Hospital, Central Islip, N. Y.; at the office of the State Commission in Lunacy, Room 5212, 1 Madison Avenue, New York City, and at the

office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y.

T. E. McGARR, Secretary,  
State Commission in Lunacy.

Dated Feb. 26, 1909.

(1733-34)

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 6, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 26th day of March, 1909, and then opened, for the installation of a vacuum-cleaning system for the U. S. Post Office and Court House at Atlanta, Ga., in accordance with drawings and specification, copies of which may be had at this office, or at the office of the superintendent, Atlanta, Ga., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1733-34)

#### NOTICE TO CONTRACTORS.

Sealed proposals for Power House, Coal Pocket and Conduits construction, including plumbing and electric work, and for Laundry building, construction, including heating, plumbing and electric work, at the Kings Park State Hospital, Kings Park, N. Y., will be received by the State Commission in Lunacy at the Capitol, Albany, N. Y., up to 3 o'clock P. M., on March 24th, 1909, when they will be opened and read publicly.

Proposals shall be accompanied by certified check in the sum of \$2,000 each for the Power House, and Laundry, and the contractors to whom the awards are made will be required to furnish surety company's bond in the sum of \$25,000 for the Power House and \$25,000 for the Laundry. The right is reserved to reject any and all bids.

Drawings and specifications may be consulted and blank forms of proposals obtained at the Kings Park State Hospital, Kings Park, N. Y., at the office of the State Commission in Lunacy, Room 5212, 1 Madison Avenue, New York City, and at the office of the State Architect. Complete sets of plans and specifications will be furnished to prospective bidders upon reasonable notice to, and in the discretion of the State Architect, Franklin B. Ware, Albany, N. Y.

NOTE: This work does not include boilers or other equipment in the Power House, or laundry machinery.

T. E. McGARR, Secretary,  
State Commission in Lunacy.

Dated Feb. 26th, 1909.

(1733-34)

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 6, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 12th day of April, 1909, and then opened, for the construction (including plumbing, water supply system, etc.) of the superstructure to the extension, remodeling, etc., of the United States Assay Office Building, New York, in accordance with drawings and specifications, copies of which may be had at the office of the Superintendent of Construction, U. S. Custom House, New York City, or at this office, at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1733-34)

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 9, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 14th day of April, 1909, and then opened for the construction (complete) of the U. S. Post Office at Pittsburg, Kansas, in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Postmaster, Pittsburg, Kansas.—James Knox Taylor, Supervising Architect. (1734-35)

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 9, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 15th day of April, 1909, and then opened, for the construction (including plumbing, gas piping, heating apparatus, electric conduits and wiring) of the U. S. Post Office at Fayetteville, North Carolina, in accordance with the drawings and specification, copies of which may be obtained from the Custodian of site at Fayetteville, N. C., or at this office, at the direction of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1734-35)

Treasury Department, Office of the Supervising Architect, Washington, D. C., March 13, 1909.—Sealed proposals will be received at this office until 3 o'clock P. M. on the 19th day of April, 1909, and then opened, for the construction (complete) of the U. S. Post Office at Sumter, South Carolina, in accordance with the drawings and specification, copies of which may be had at this office or at the office of the Postmaster at Sumter, S. C., at the discretion of the Supervising Architect.—James Knox Taylor, Supervising Architect. (1734-35)

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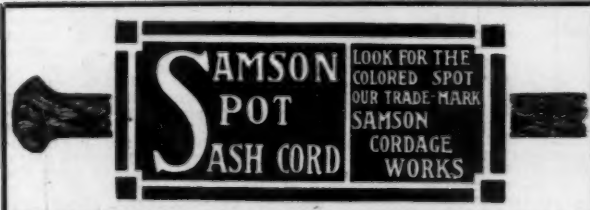
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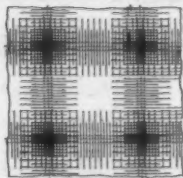
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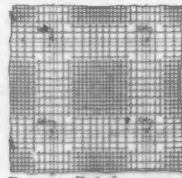


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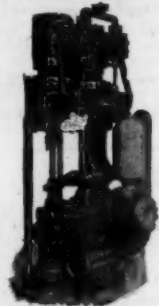
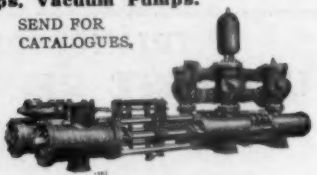
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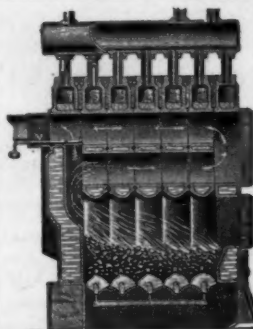
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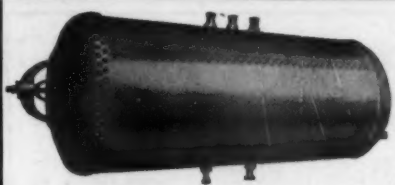
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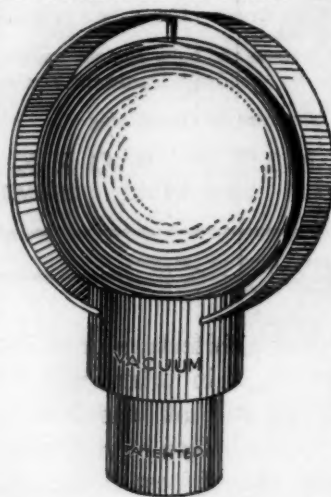
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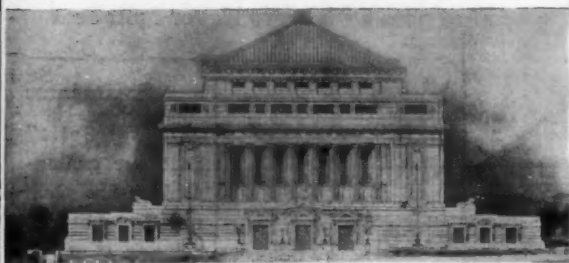
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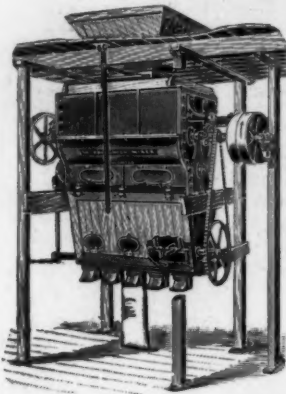
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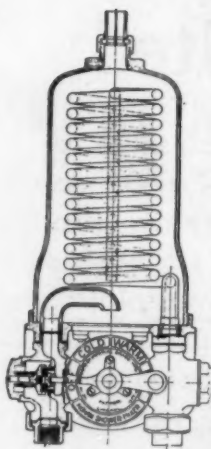


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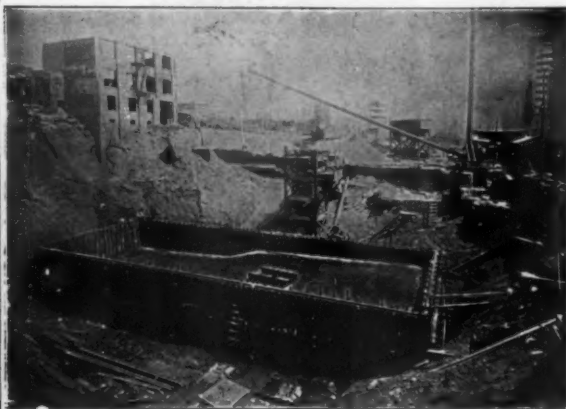
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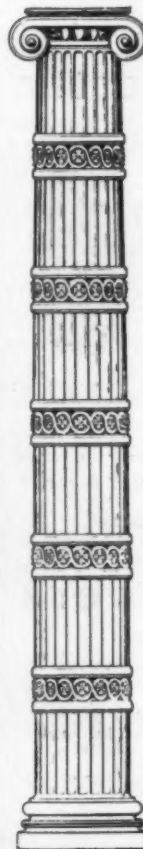
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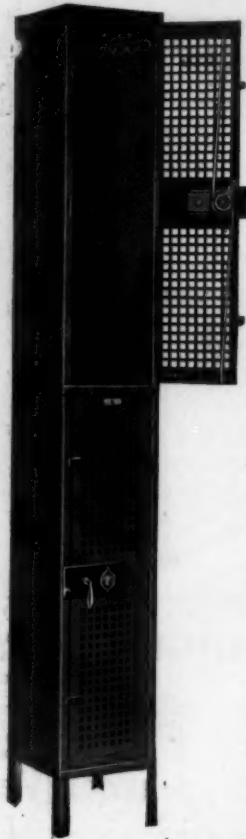
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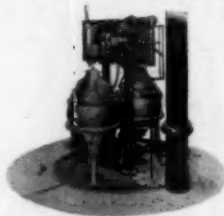
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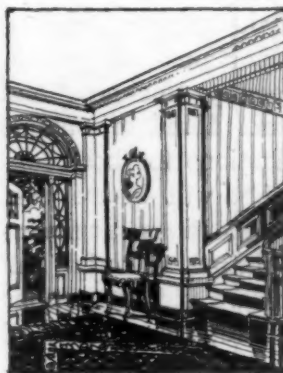


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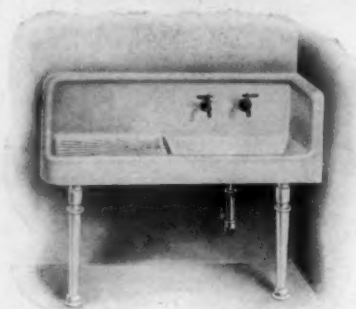


Plate D-93 Sink (Patent applied for)

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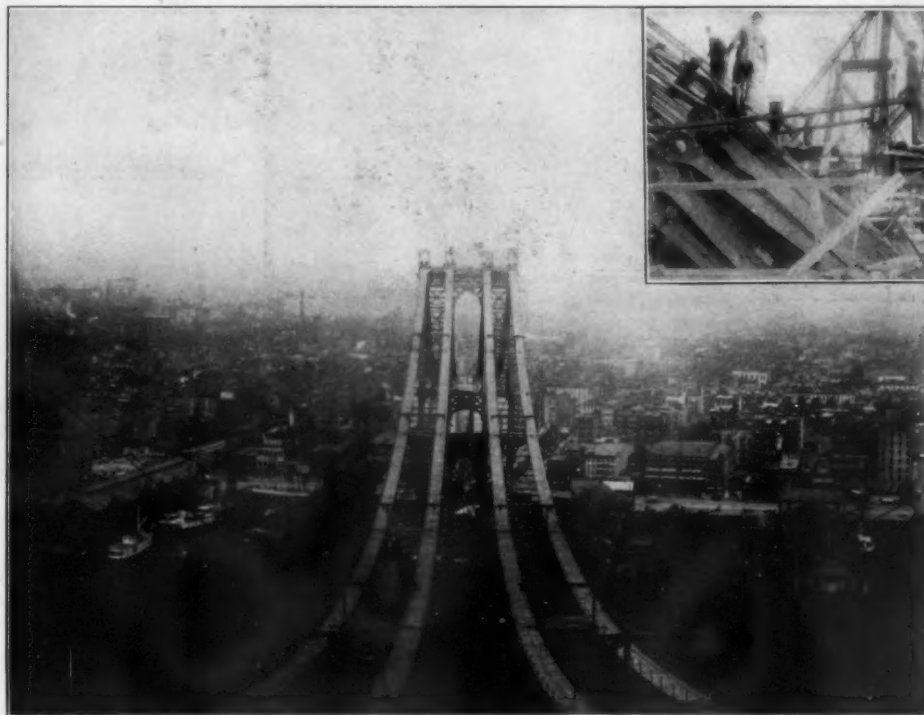
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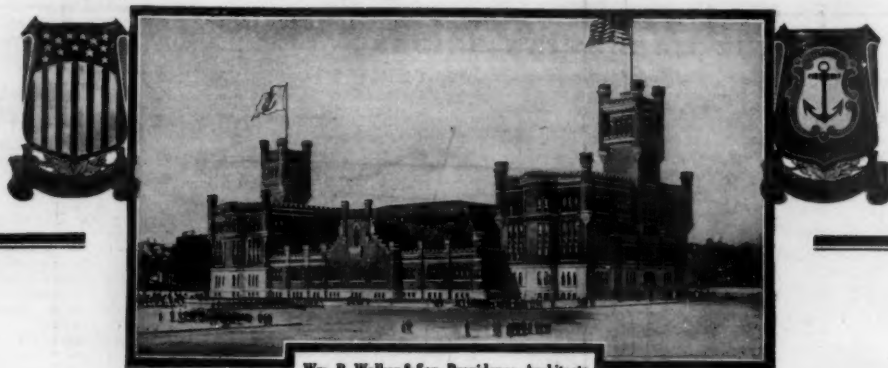
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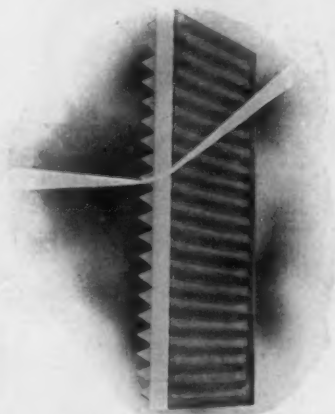
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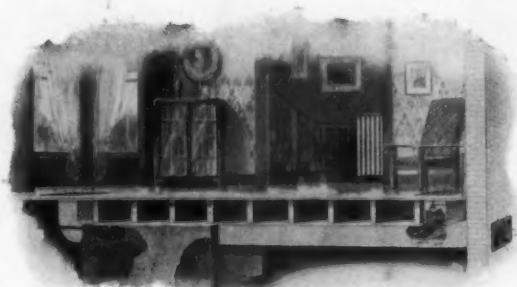
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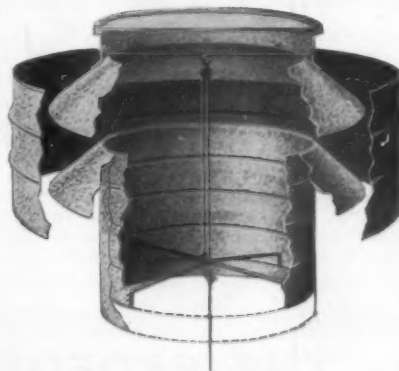
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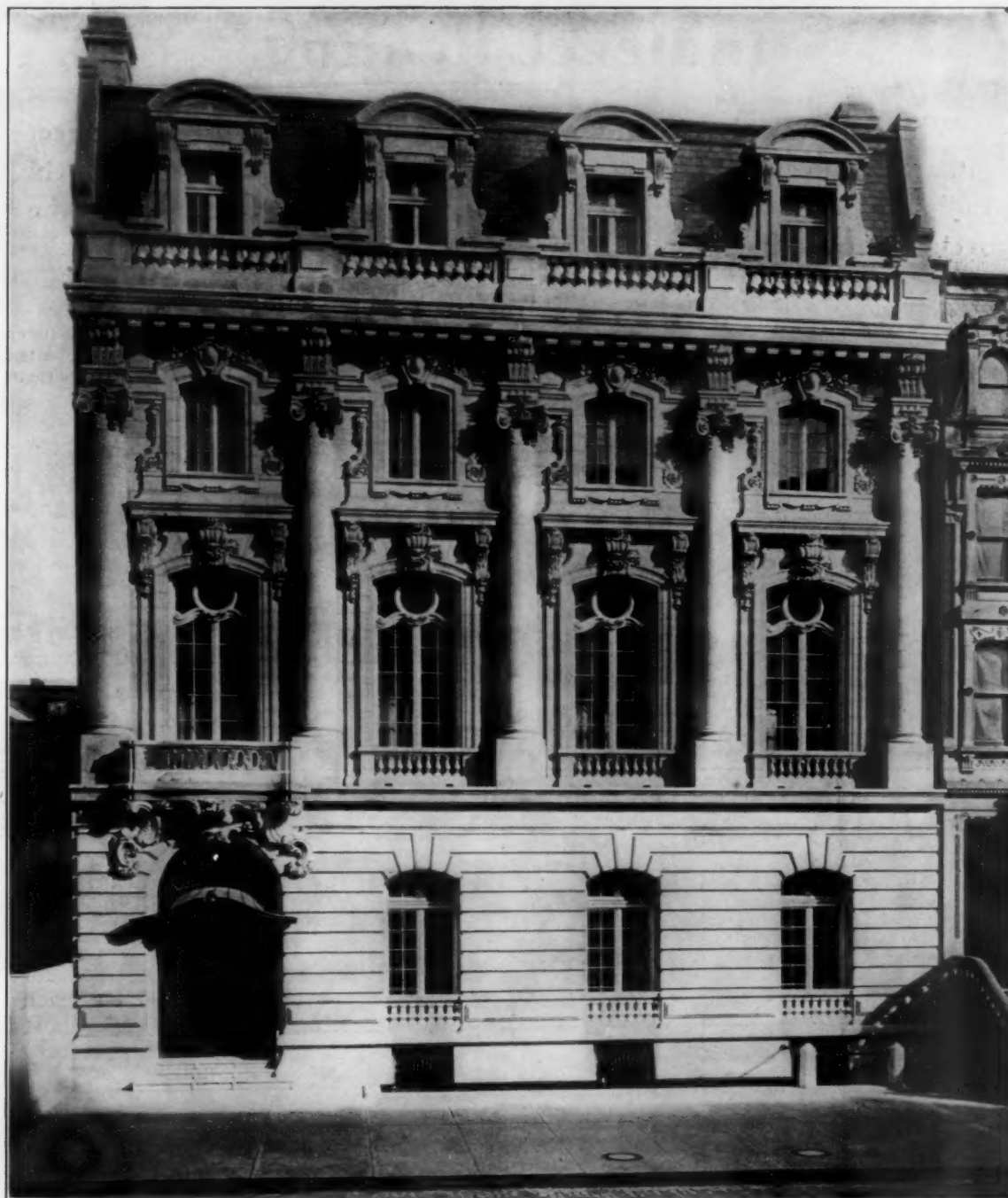
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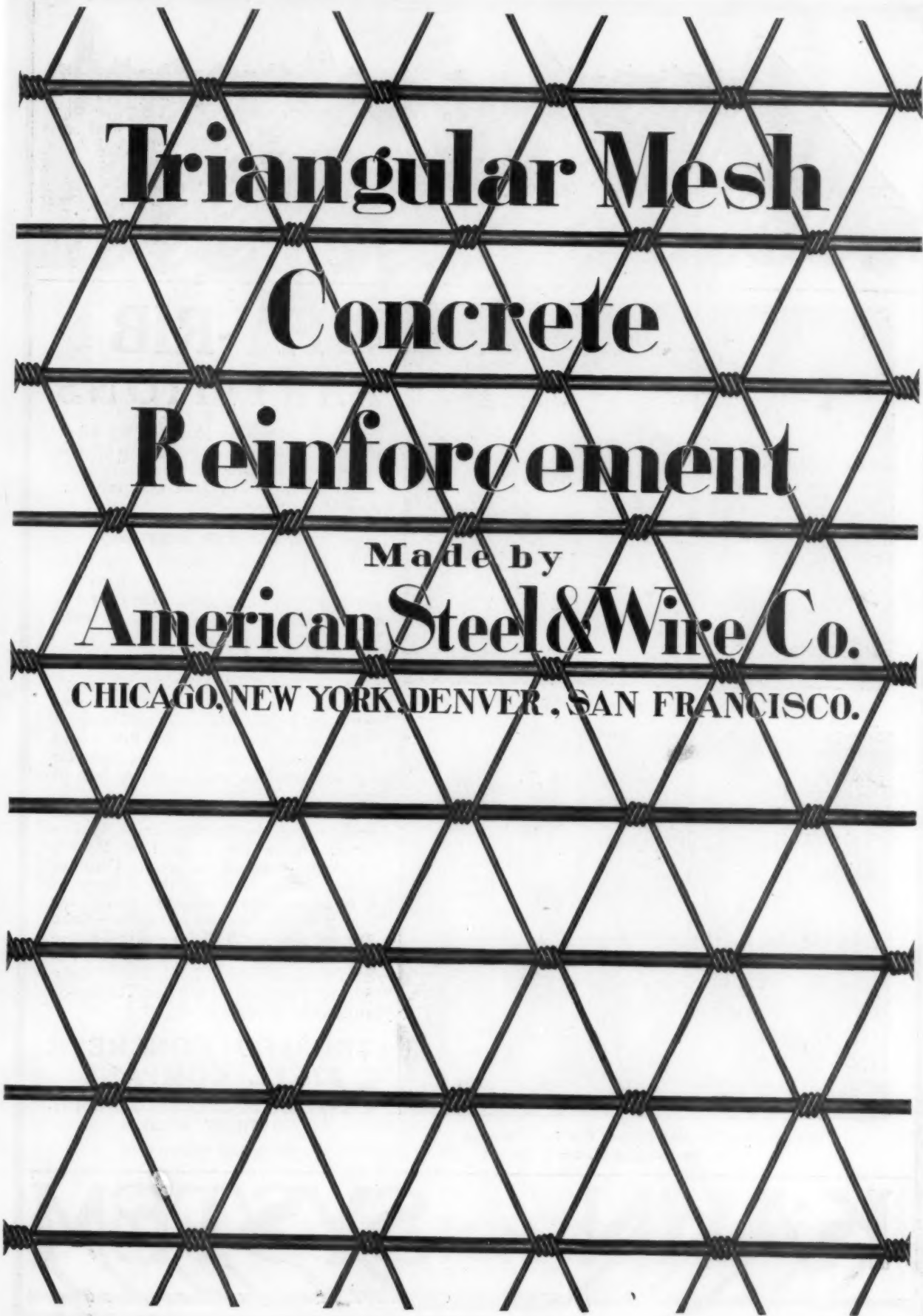
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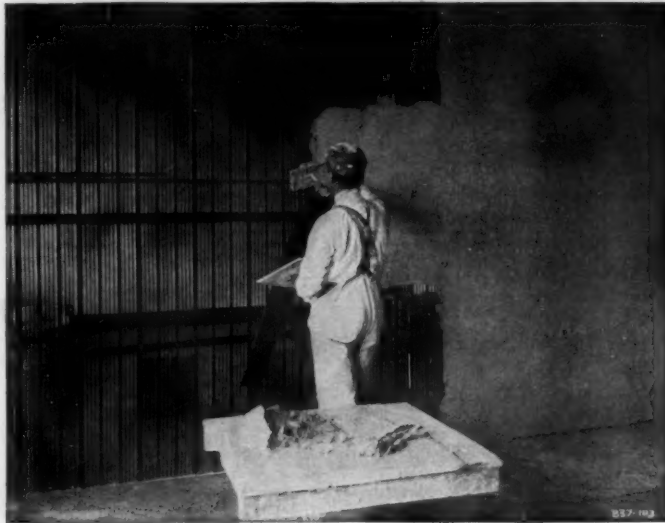
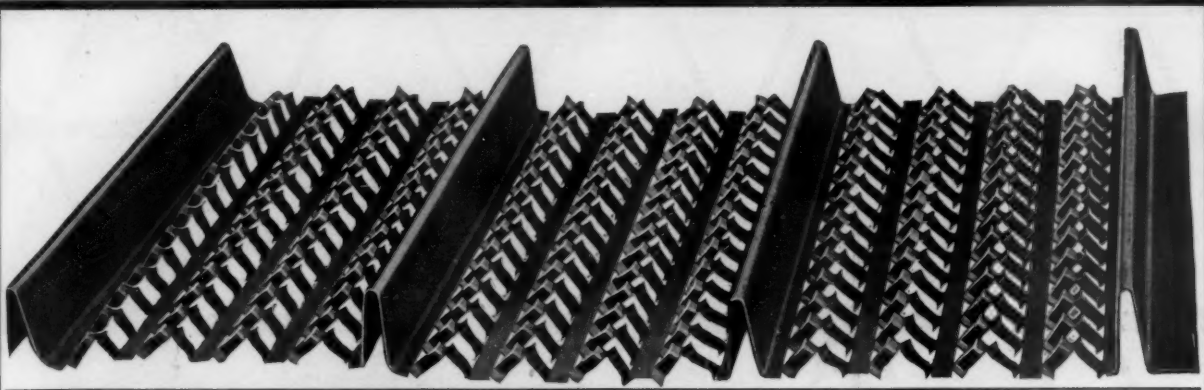
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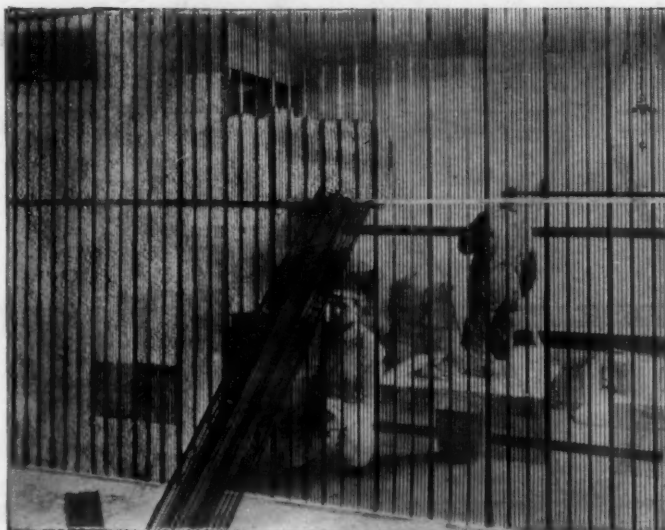
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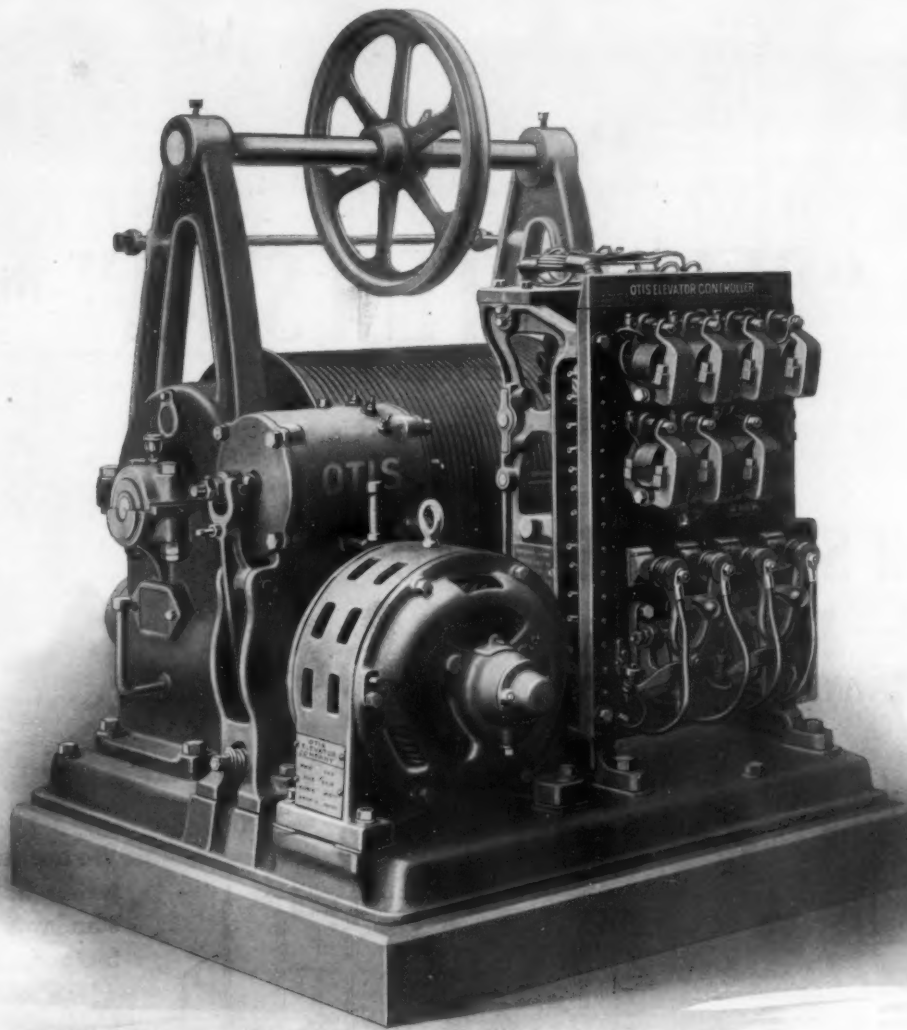
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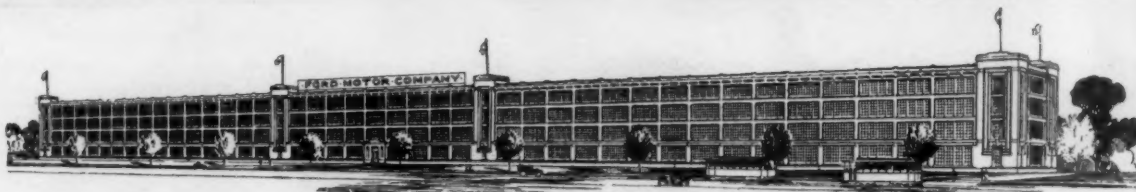
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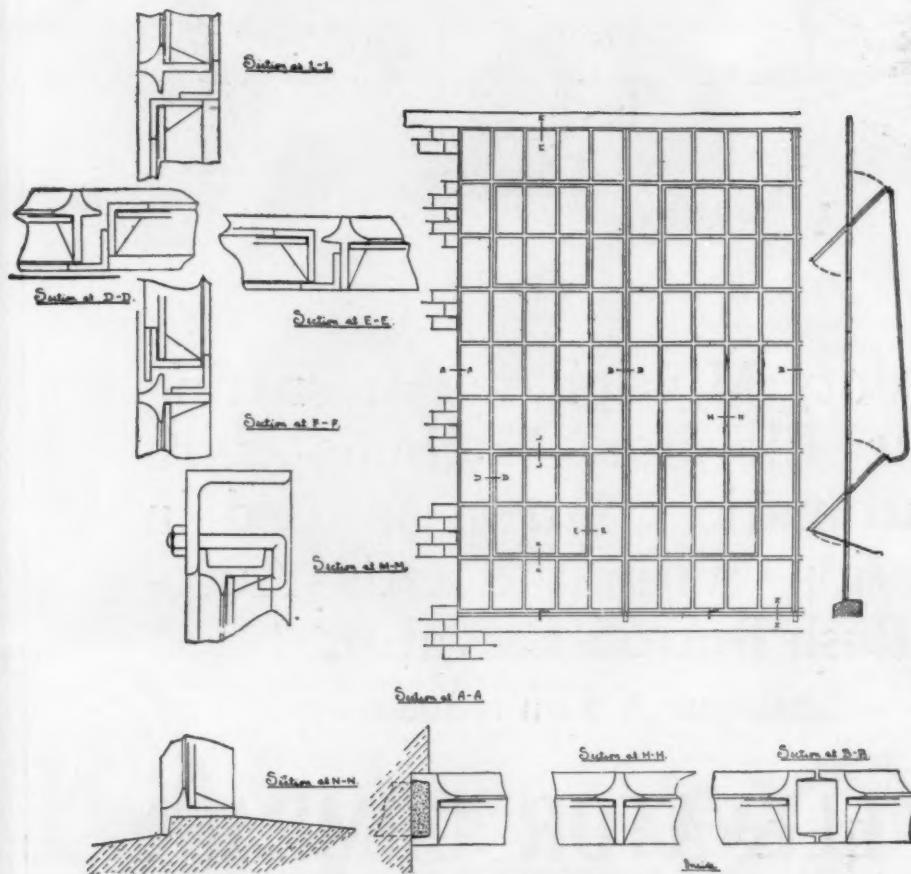
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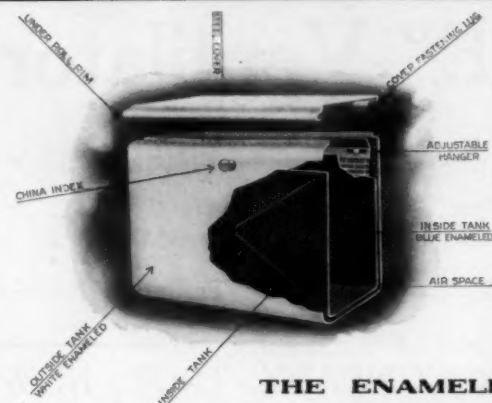


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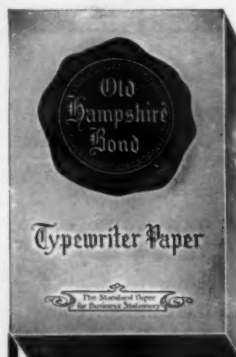
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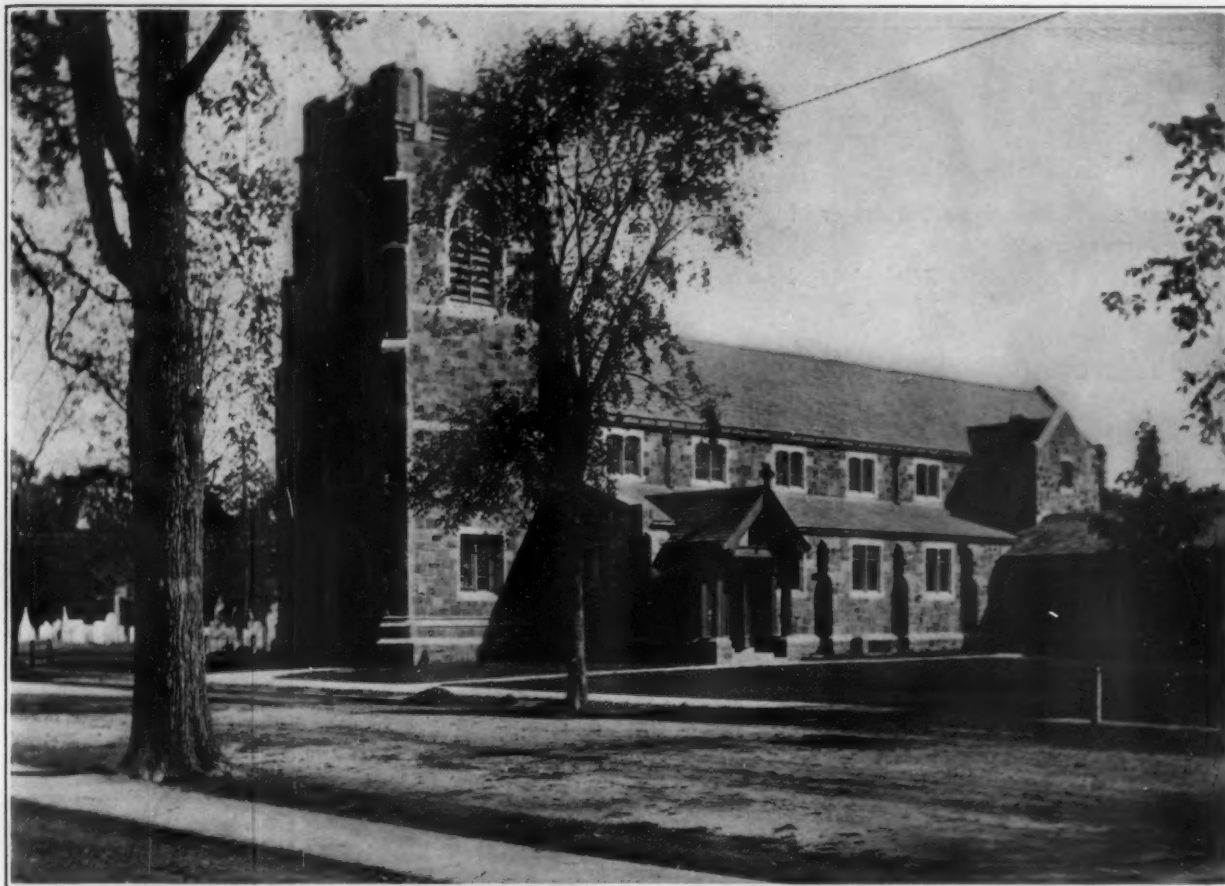
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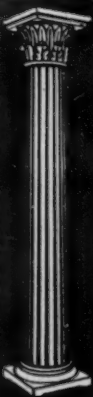
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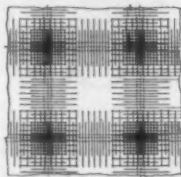
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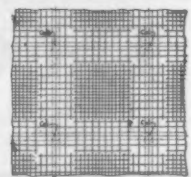


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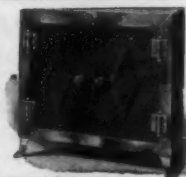
See Harper's Weekly, Oct. 3, 1908. Patent Serial No. 450,294—Aug. 2

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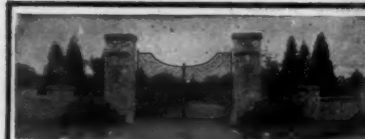
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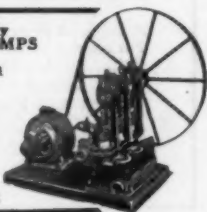
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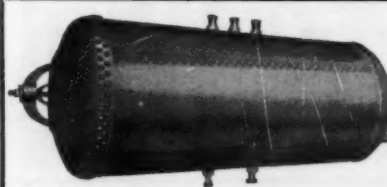
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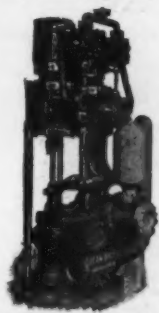
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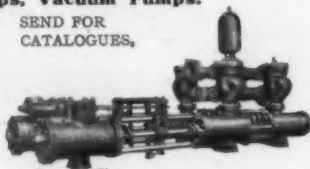
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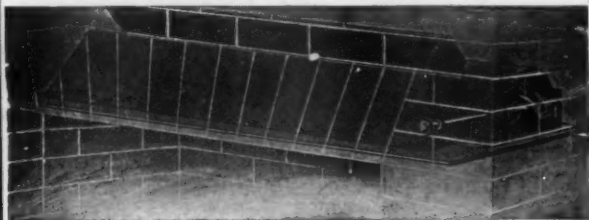
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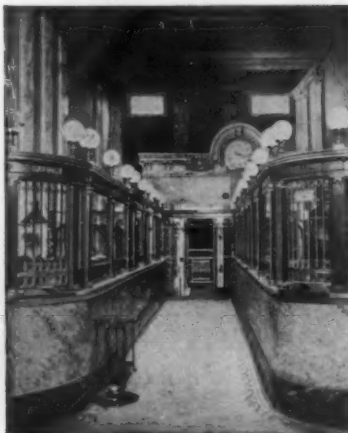
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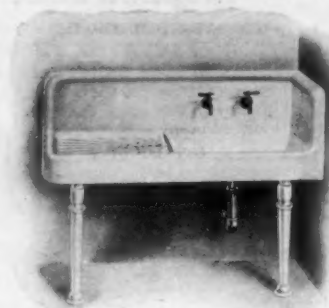


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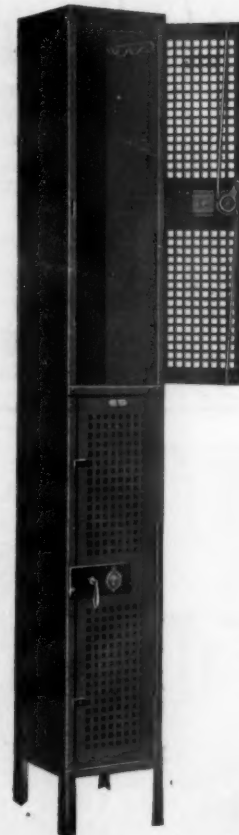
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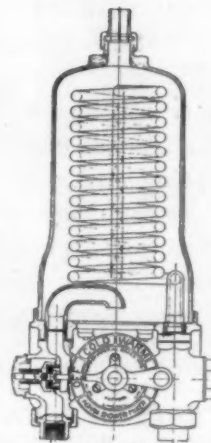
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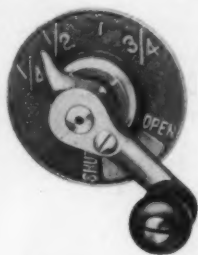
This unique work on Architectural Composition treats of the subject from an entirely new standpoint. The process of exterior design is reduced to simple and easily understood rules, which make the work especially valuable to students. Even experienced architects will find much to interest them, and to engineers and builders many excellent hints are offered. Both Text and Illustrations are altogether new, the latter affording a welcome illumination of the descriptions, and rendering the work of deep interest to the unprofessional reader.

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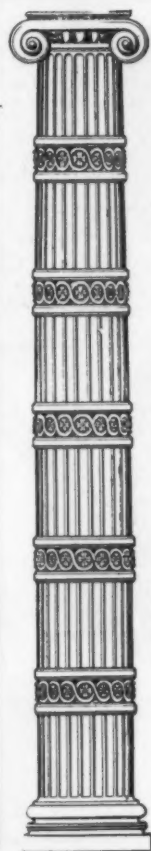


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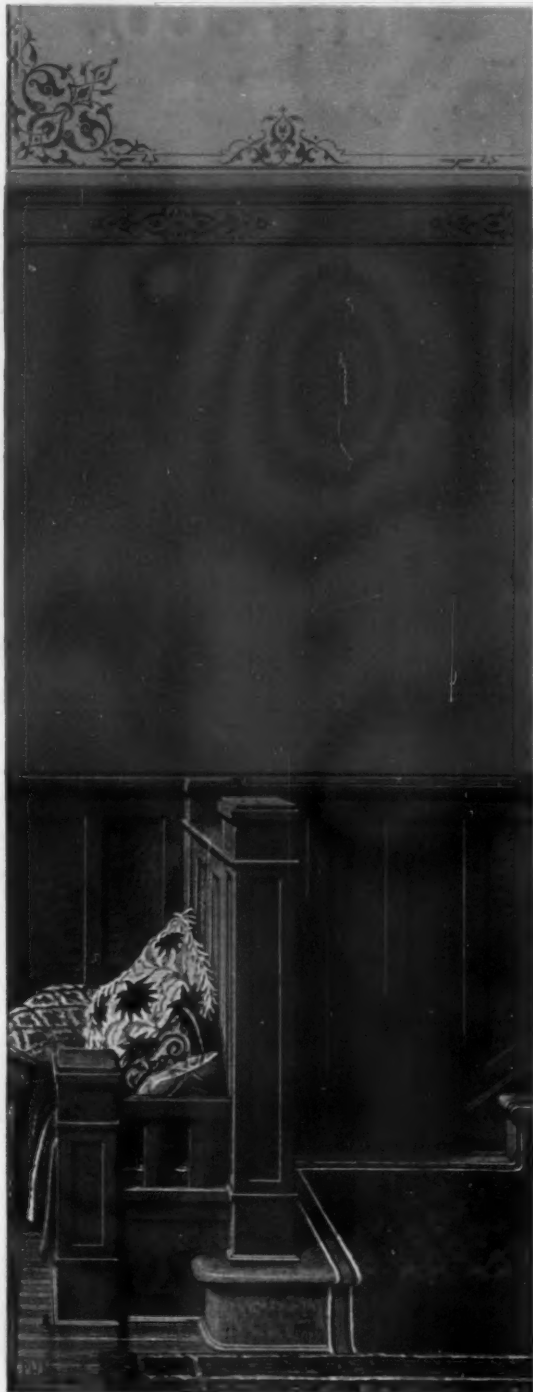


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See Next Page



Sole Manufacturers  
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#### NOTICE

Upon application we shall be pleased to forward folders and decorative suggestions executed in Marvelo Wall Paint showing the beautiful effects obtained with its use

## MARVELO WALL PAINT

The well-earned reputation that Marvelo Wall Paint enjoys among leading Architects, Decorators and Contractors is proof of its many excellent qualities.

The invention of Marvelo Wall Paint fills a "longfelt want" in the painting trade for a thoroughly washable paint that will dry out "dead flat" with a soft, rich, water-color effect.

Marvelo Wall Paint covers more surface than any white lead or other paint and covers it better. The actual test will show that 100 pounds of Marvelo Wall Paint, thinned down, makes as much paint as 150 pounds of the best white lead, because it takes considerably more oil or other thinners and it is very much more opaque. It produces a beautiful, fine finish, having wonderful easy flowing and spreading qualities.

As Marvelo Wall Paint contains no lead or other poisonous matter, its sanitary qualities alone make it the ideal paint for the interior painting of residences, schools, public buildings, hotels, sanitariums, hospitals, etc.

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New Brighton, N. Y.

## What a Prominent Architect writes about Marvelo Wall Paint

Carlton Strong, Architect  
Pittsburg Office, 265 Dithridge Street  
In the Bellefield Dwellings Building

June 24th, 1908

The Muralo Company  
New Brighton, Staten Island  
New York

Gentlemen:—

Your circular letter of the 23rd suggests that perhaps you might be glad to know that "Marvelo" was used throughout the new "Rittenhouse" building, recently completed in Pittsburg.

It is one of the best and most richly furnished buildings in the country and all of its large public rooms such as ball rooms, dinner rooms, restaurant, confectionery, &c., are decorated in strong color schemes worked out in "Marvelo" paint where its qualities appear to advantage.

I am sending this as news, not for any other purpose. You may however use my name as a believer in the good qualities of "Marvelo."

Respectfully yours

*Carlton Strong.*

I enclose an illustration  
of the building referred to.  
D.ct CS.

Architect

Carlton Strong, Architect  
Pittsburg Office, 265 Dithridge Street  
In the Bellefield Dwellings Building

June 29th, 1908

Mr. H. W. Pearson, Sec'y and Mgr.  
The Muralo Company  
New Brighton, Staten Island  
New York

Dear Sir:—

In response to your request of the 26th for leave to circulate copies of my letter of the 24th, in the interest of Marvelo Wall Paint, I beg to say that I am disposed to consent in spite of the fact that it is contrary to my usual policy to do so.

I do this because I am persuaded by the force of personal experience to believe in the reputable character and artistic and sanitary possibilities of "Marvelo" and therefore think it not improper to commend it to those of my profession.

Respectfully yours

*Carlton Strong.*

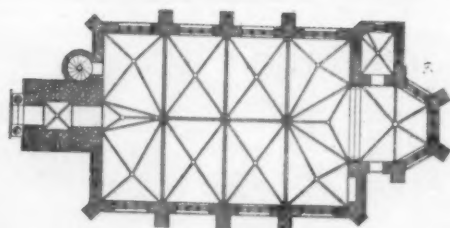
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Architect



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The Position of the Organ  
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Baptistries  
Location of the Console  
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Organ Cases  
Tables (showing cost, weight and dimensions for organs)

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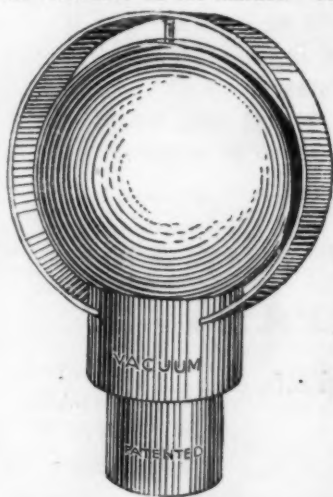
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a cluster of finer particles."

#### Fire-Resisting Residences.

At the present time the problem of building is a very grave one after one gets outside the suitable range of ordinary steel construction such as is employed in large city buildings. For all small structures there has been until recently the same old choice that has been available for 5,000 years: wood, brick and stone, alone or in suitable combination. The more slightly civilized people have generally used wood as nearest to the hand and easiest to work, and those of larger experience and powers have gone on to brick and stone. Here in America our civilization is still too crude and the country is too new to have gotten fairly beyond the timber stage. We are not so many generations yet past the log cabin, in spite of the fact that our material progress has taken on the outward form of orderliness and even complexity. This, however, seems really to be only skin deep when one judges it not as a Chauvinist, but as a man of affairs. It is not a civilization of great stability and depth that looks coolly at the casualty list of nearly a hundred thousand killed and wounded annually on the railroads and contemptuously figures the probable cost of safety appliances per victim. The same superficial quality still appears in our building. It would be hard to imagine a country better capable in skill and resources of fine permanent architecture, and it would be quite impossible to find one in which fine permanent architecture has been until quite recently a smaller proportion of the whole.

As a nation we build for to-morrow or next week and lay bets at rather small odds with the insurance companies that our structures will burn before they rot or tumble down. A large proportion of the buildings erected in some parts of this country are apparently of the flimsiest timber construction compatible with their holding together until they are sold, and in consequence the losses annually by fire rise to an amount that is simply appalling. Insurance with all its benefit to the individual in case of disaster cannot make up to the community as a whole the losses thus incurred. Somehow, in the long run, the losses

—Extract from Editorial in  
*Engineering Record*, Oct. 31, 1908.



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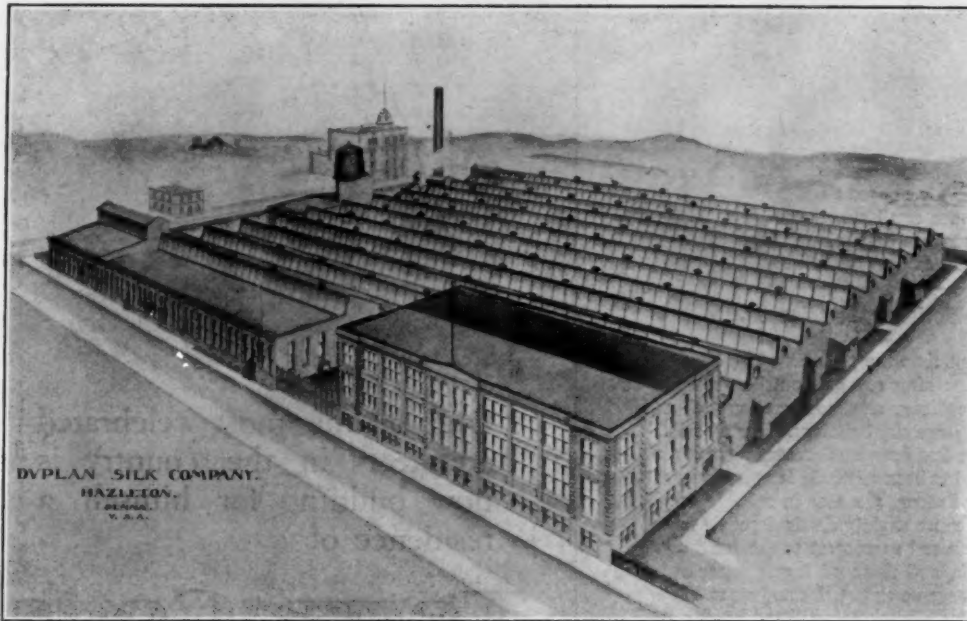
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We illustrate in this issue the New Cadet Barracks recently completed at West Point, New York, and the type of Raised Rear Vent Water Closet used in this building.

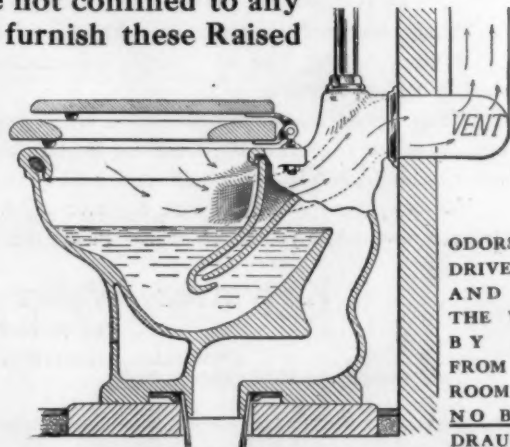
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SECTIONAL VIEW

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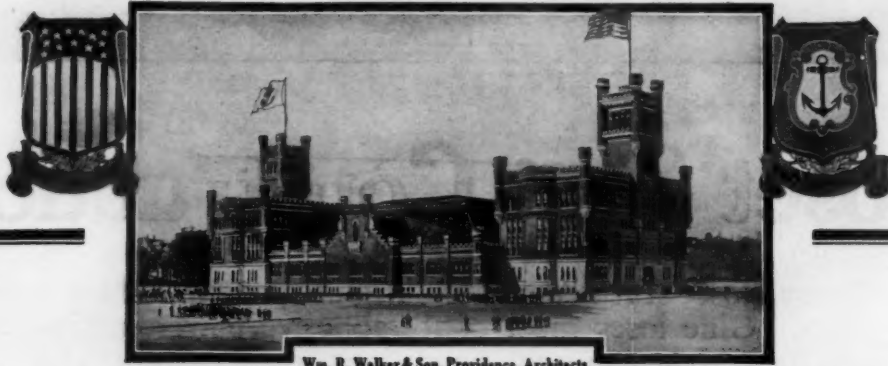
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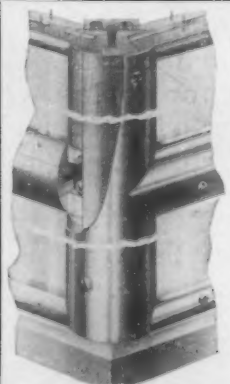
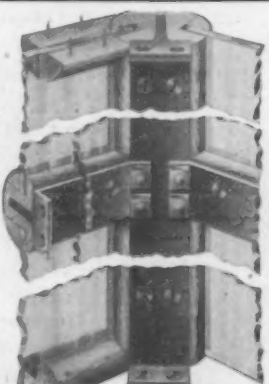
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|  <p>FRONT VIEW</p> | <p><b>COULSON</b><br/> <b>Patent Store Front Construction</b></p> <p>Of course you have heard of it, but let us tell you more about it. We will be glad to send you our complete illustrated catalogue, upon receipt of request. Brief description given on pages 643-645 in Sweet's Index for 1909.</p> <p>When writing for catalogue, ask for D-700.</p> <p><b>J. W. Coulson &amp; Co.</b><br/>         Sole Owners and Manufacturers<br/>         234 North 3rd Street - COLUMBUS, OHIO</p> |  <p>SIDE VIEW</p> |
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MARCH 31, 1909

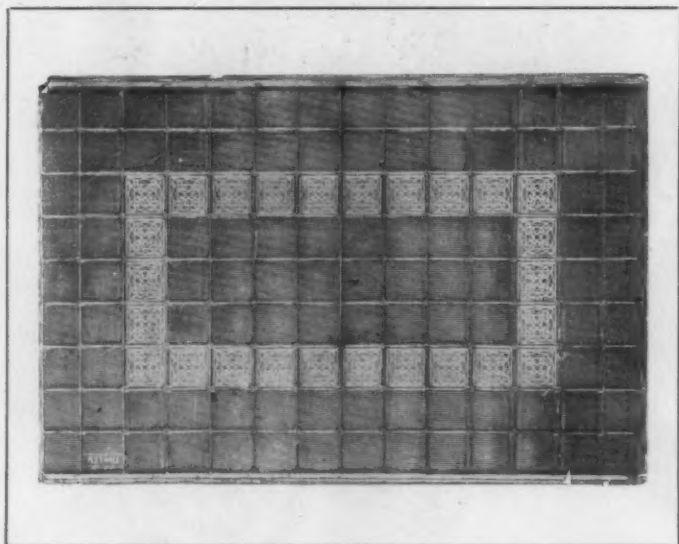
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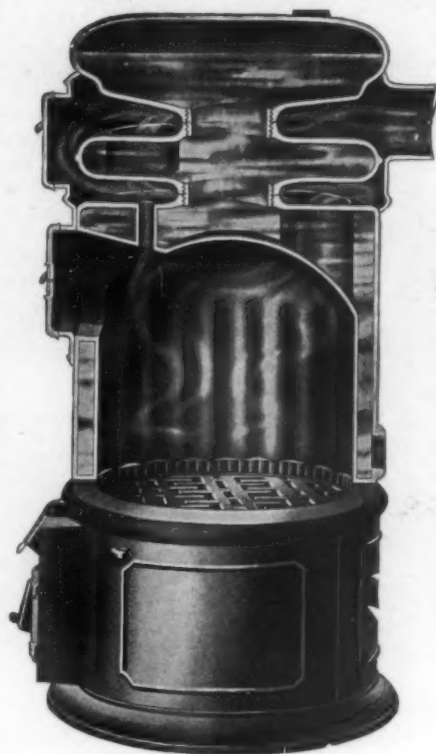
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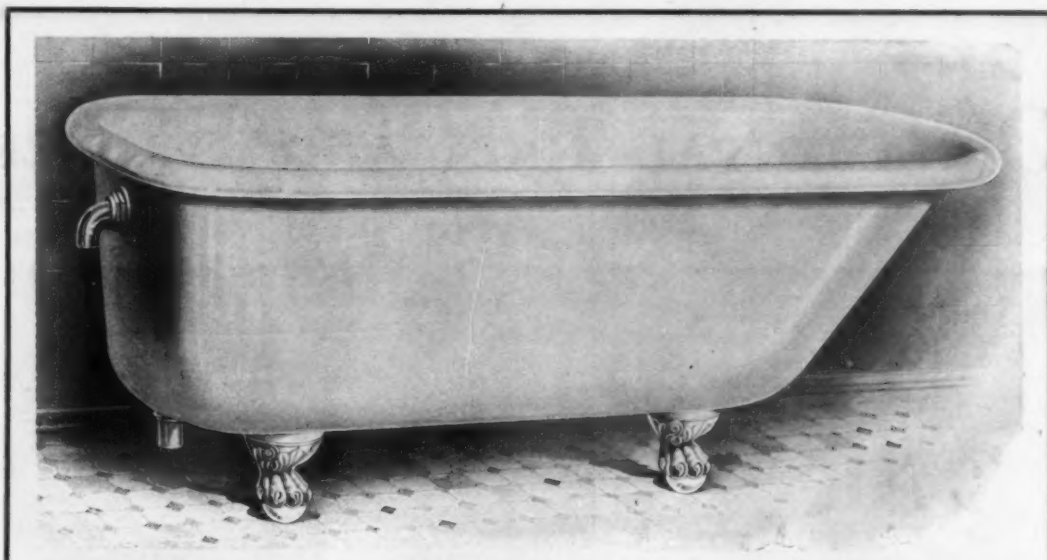
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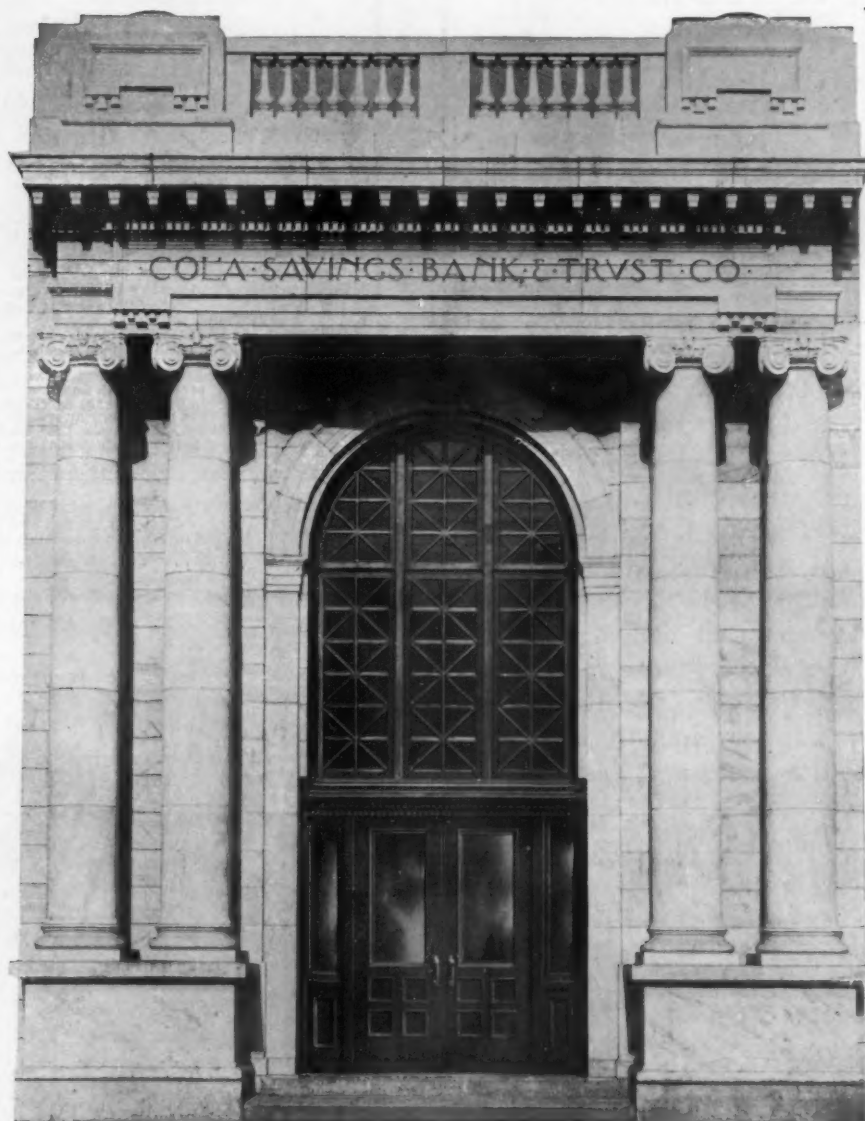
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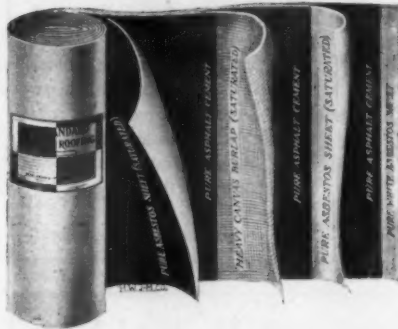
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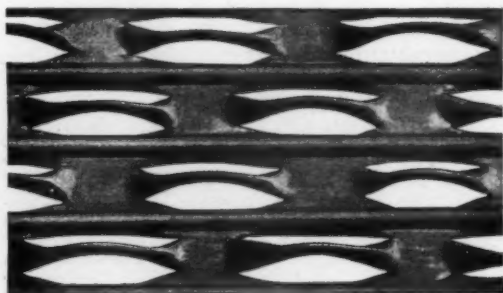
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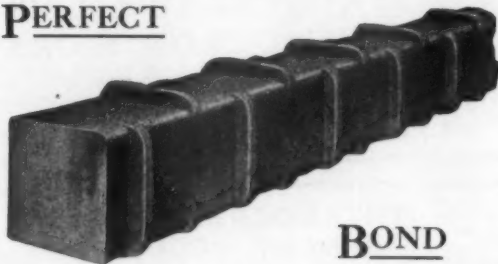
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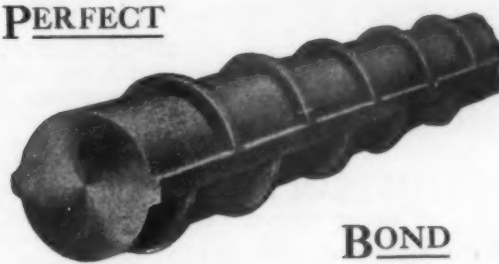
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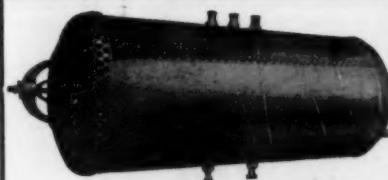
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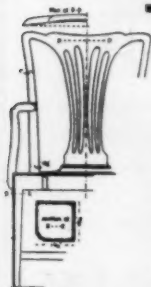
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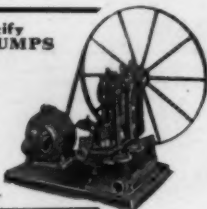
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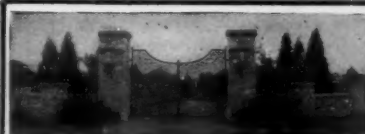
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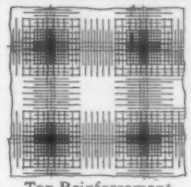
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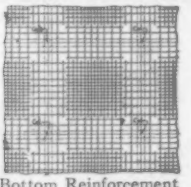
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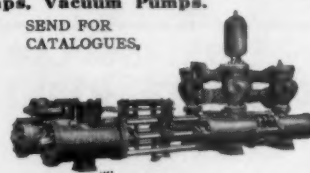
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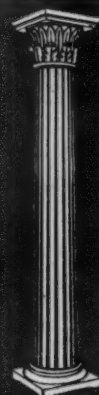
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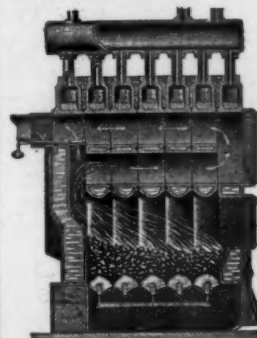
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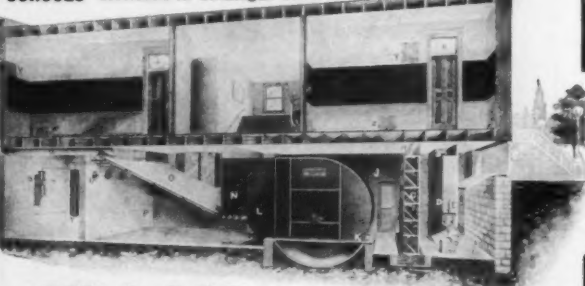
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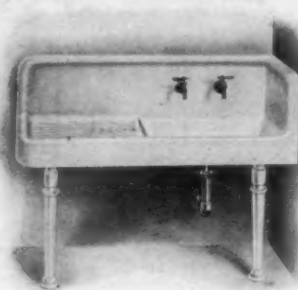


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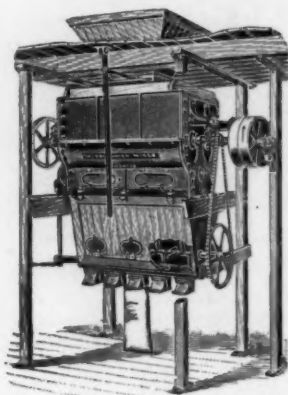
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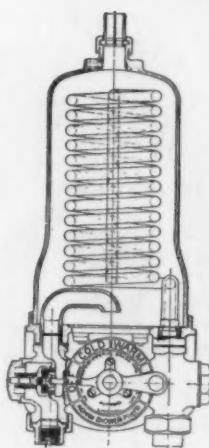
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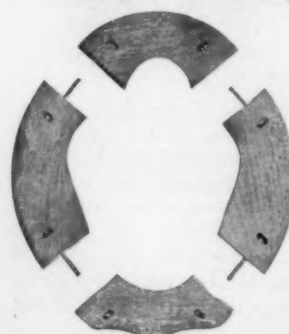
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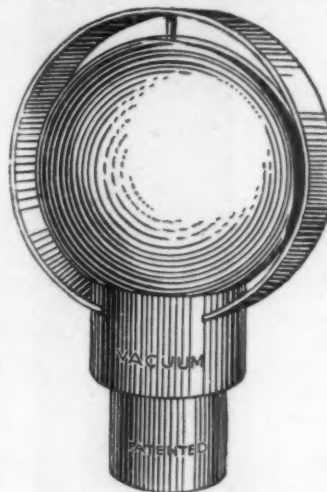
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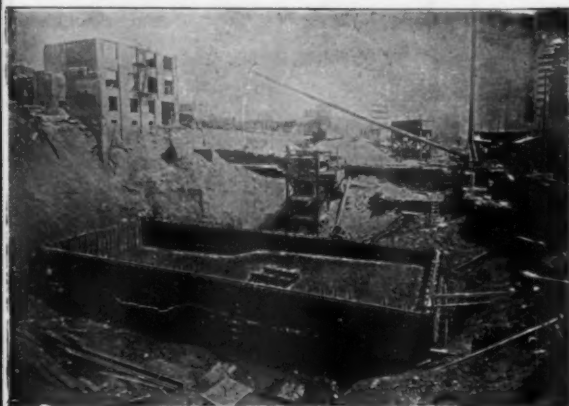
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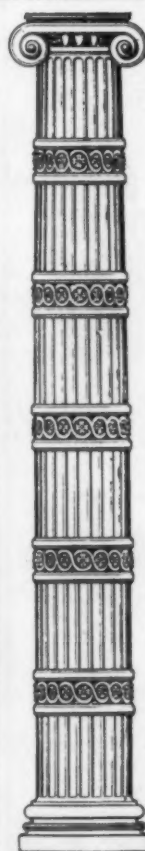
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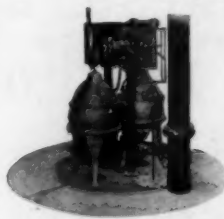
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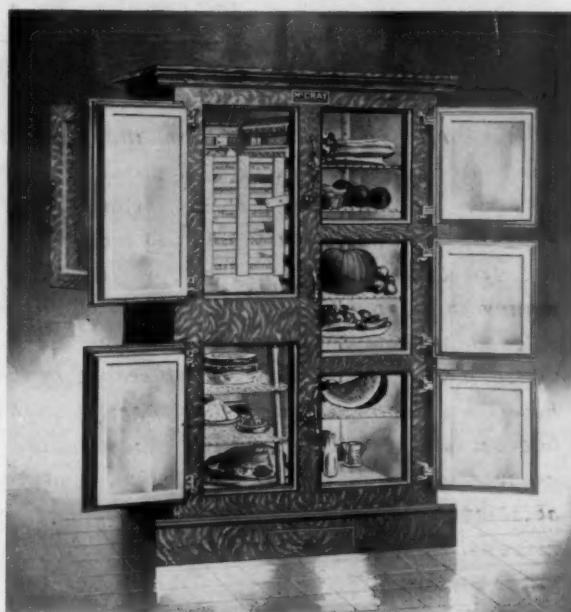
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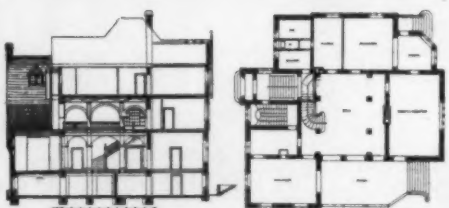
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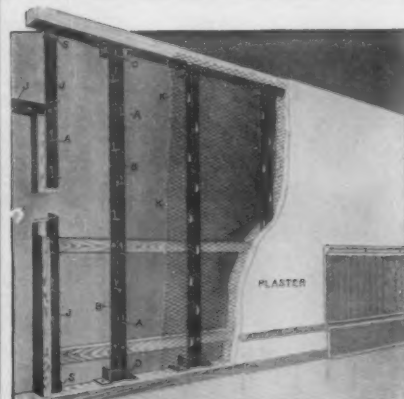
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