

CALIFORNIA
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THE AMERICAN ARCHITECT



Part I



ILLUSTRATIONS
AND READING
MATTER PERTAIN-
ING TO ARCHITECT-
URE AND ALLIED
ARTS

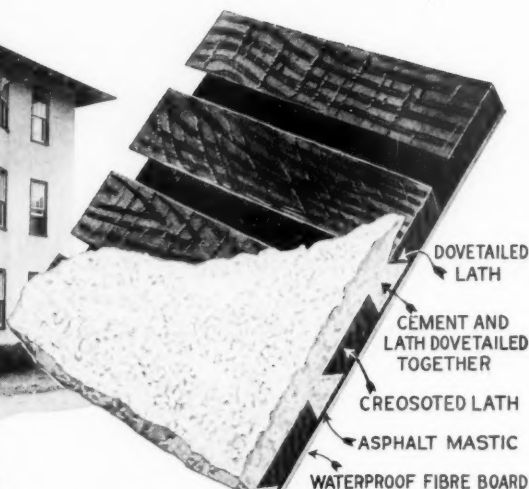
PUBLISHED WEDNESDAYS IN N.Y. — FOUNDED 1876
VOLUME C VII JANUARY 6, 1915 NUMBER 2037



THREE FAMILY APARTMENT

Built with Bishopric
Stucco or Plaster
Board

Ed. F. Freeman
Owner and Builder
Roxbury, Mass.



Bishopric STUCCO or PLASTER BOARD Built on the Wisdom of the Ages~

A modern combination of materials and principles that ages of actual use have proven the most efficient in building construction.

The Dovetailed Lath

Centuries ago the artisan recognized the utility of the dovetailed joint in building construction; and since then every master builder has used the dovetailed joint where a permanent, lasting and efficient joint was desired.

The cement, stucco or plaster dovetails into the Bishopric Stucco or Plaster Board and is held absolutely firm, so that cracking or crumbling is impossible. The covering becomes a part of the board and will last for ages.

The Creosoted Lath

Creosote is a wood preservative. It is customary to creosote wood that is exposed to severe weather conditions—railroad ties for instance. The lath in the Bishopric Stucco Board are creosoted.

The Asphalt Mastic

Covering one side of the card board is the toughened

Asphalt Mastic in which the lath are imbedded. Asphalt Mastic is moisture-proof, fire-resisting and a wonderful preservative. Asphalt was the important element used by the ancient Egyptians to preserve their mummies.

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Paper and paper board is so extensively used in building construction that its advantages need hardly be mentioned. It forms a very important part of the Bishopric Stucco Board, not only for its protection against heat and cold, but also because it is a sound deadener.



Plaster and cement walls cannot crack if Bishopric Stucco or Plaster Board is used.

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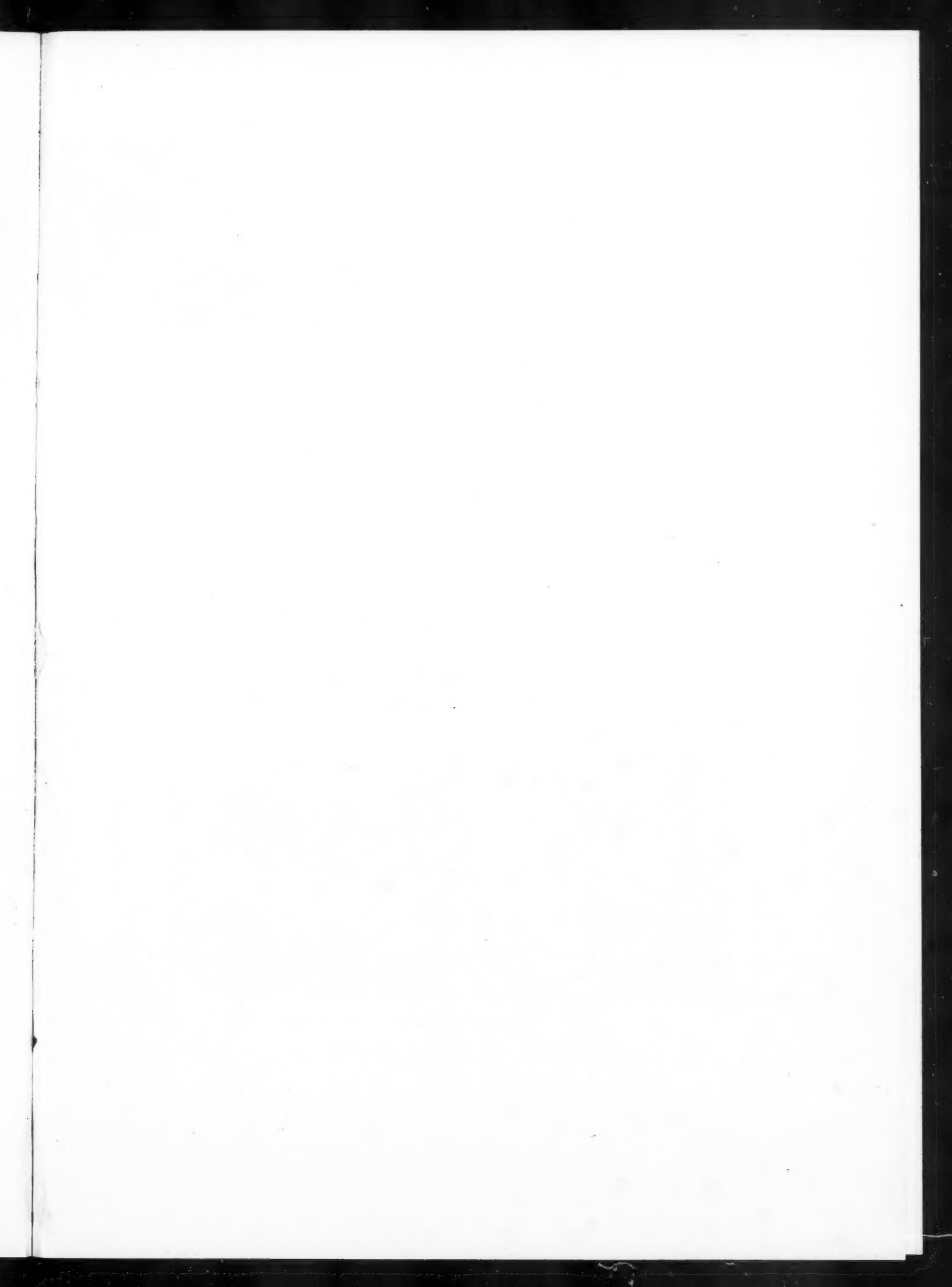
—because Bishopric Stucco Board is right in practice. Years of the severest tests under all conditions prove absolutely that in actual use Bishopric Stucco Board is unequalled.

Better Walls — Less Money

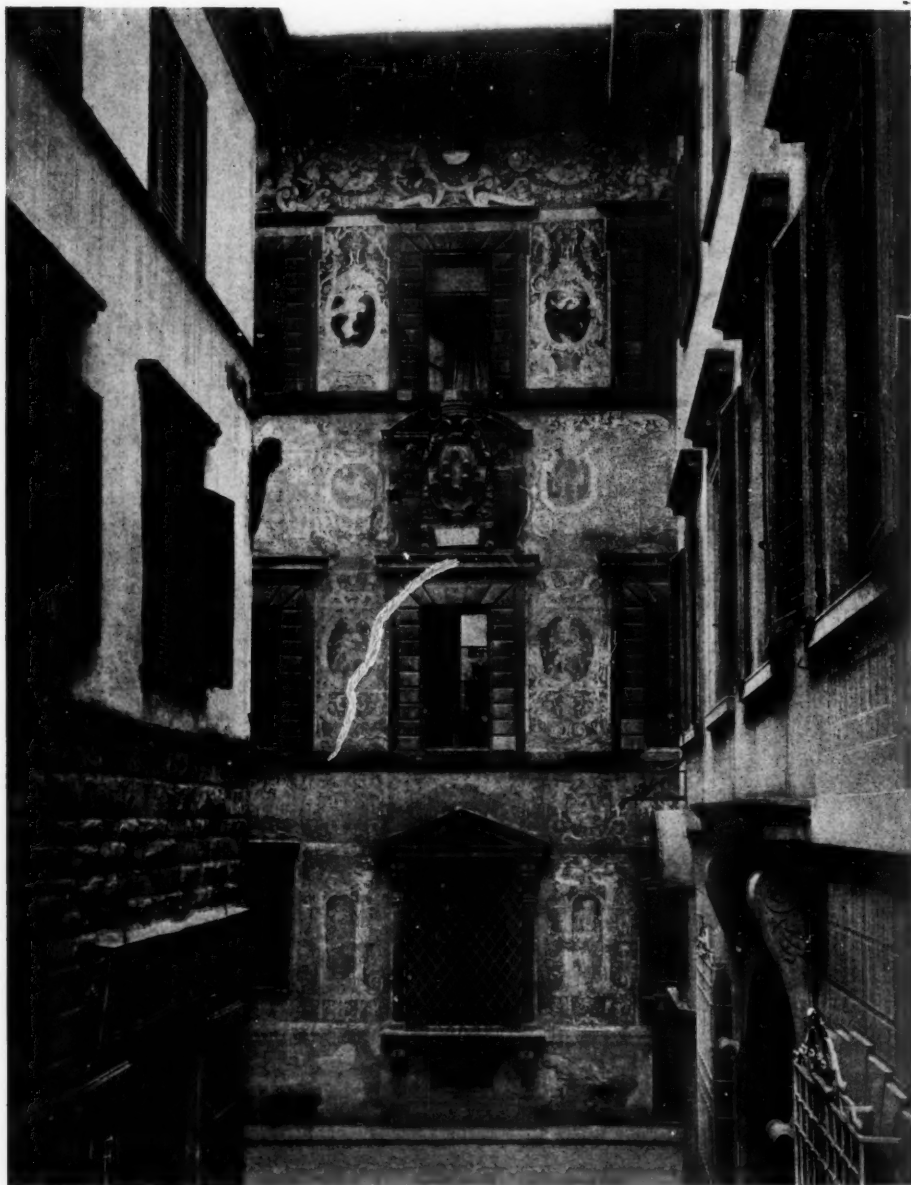
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Building Principles
that have been
Tested for Ages



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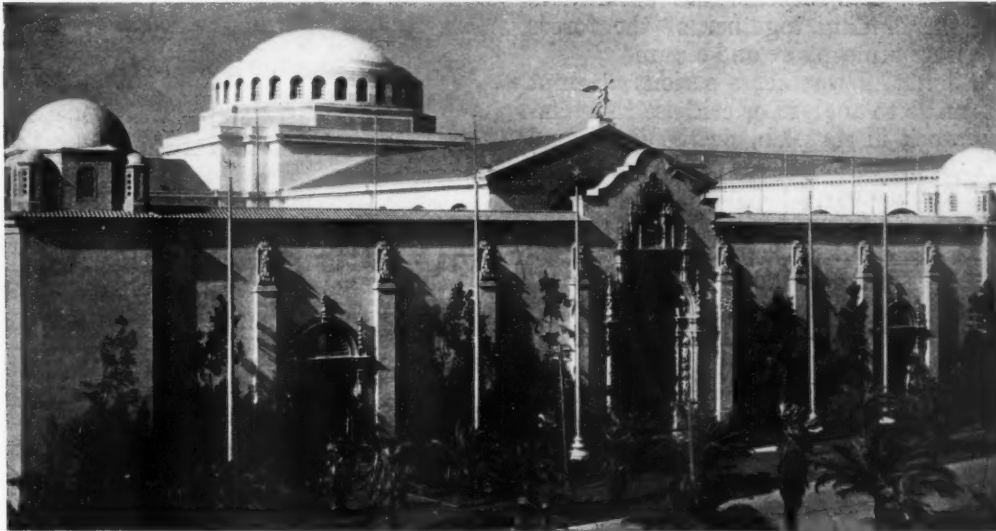
FACADE, SHOWING SGRAFFITO DECORATION
PALACE RAMIREZ DE' MONTALVO, FLORENCE, ITALY

THE AMERICAN ARCHITECT

VOLUME CVII

WEDNESDAY, JANUARY 6, 1915

NUMBER 2037



A SECTION OF THE GREAT WALL. MESSRS. BLISS & FAVILLE, ARCHITECTS

PHASES OF PANAMA-PACIFIC INTERNATIONAL EXPOSITION ARCHITECTURE

By W. B. FAVILLE, F.A.I.A.

IT is the purpose of the following article and accompanying photographs to briefly describe and partially illustrate the work of Bliss & Faville, architects, at the Panama-Pacific International Exposition to be held in San Francisco in 1915.

The Chicago exposition awakened the people of America with unexpected suddenness, and the virility of its architectural expression was so pronounced and apparent that it met with instant approval. The example of its architecture made it possible for men in executive positions in America to see the artistic, moral and commercial force which

beautiful buildings exert, and it also paved the way and made possible the improvement in Government architecture and such superb edifices as the Pennsylvania depot in New York, probably the most important building, architecturally, in America. It acted as a stimulus to thoughtful and careful design in private work, and came at a period when our artistic expression had been almost depleted.

The San Francisco exposition again opens the avenues for creating fresh impressions in art. We are at present, too close to its making and the effort too fresh in our minds to enable us to judge of its effect upon the public, or the impetus it will give to archi-

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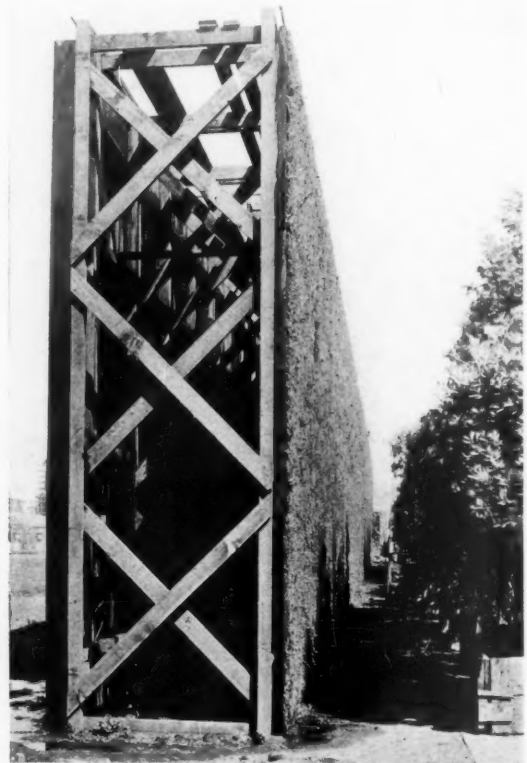
tectural education. It is safe to assume, however, that it will, in a more detailed way and with a finer sympathy, amplify the lessons of previous expositions. Co-ordination has been more carefully sought for, and where previous expositions were deficient, San Francisco shows an appreciation of close study of detail, composition, treatment of sculpture, color scheme and decoration, and in the binding together of the forces which create atmosphere and charm.

It is doubtful whether a serious attempt will be made to analyze or criticise this temporary work in its plan, or the individual edifices, in the color scheme or the sculpture, but to the initiated the result shows careful and mature study and the keen efforts of the men who created it. The impression is beautiful and charming, full of the expression of our form of living and mode of thought. It will be no less an epoch, architecturally, than the 1893 exposition.

The summer weather in San Francisco is cool, and the site of the exposition is exposed to the Western trade winds which blow daily during the months of May, June, July and August, between the hours of about ten o'clock in the morning and five o'clock in the afternoon. The wind is generally accompanied by a cool fog of more or less density surging in from the Pacific Ocean and traveling at a varying velocity, increasing steadily until a maximum of 30 miles per hour is reached, and then slowly diminishing.

To protect the exposition from the chill of this fog, the Great Wall was suggested which would lift the current of cool air sufficiently to allow it to pass over the group

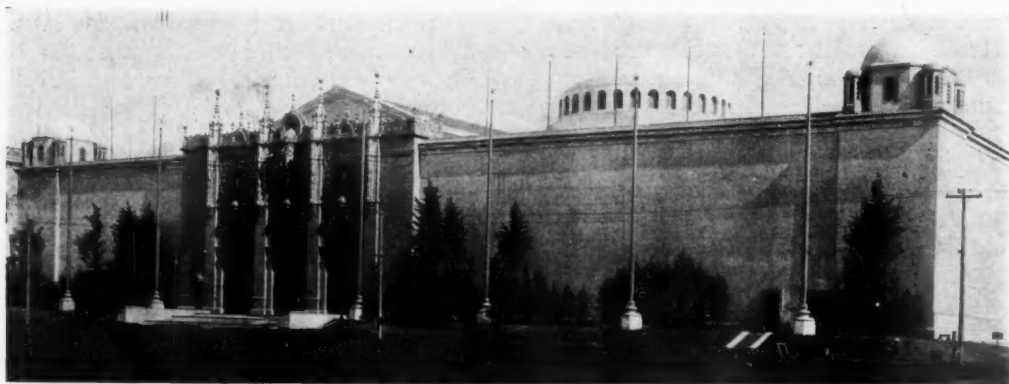
of buildings enclosed within and leave the courts sheltered, allowing them to pocket or



MAIN ENCLOSING HEDGE WALL SHOWING
CONSTRUCTION
MESSRS. BLISS & FAVILLE, ARCHITECTS

hold the warmth of the sun while offering protection from the force of the wind.

The daily drifting in of the great banks



NORTH ELEVATION GREAT WALL. PALACE OF MINES AND METALLURGY
MESSRS. BLISS & FAVILLE, ARCHITECTS



AVENUE BETWEEN COURT OF THE UNIVERSE AND COURT OF FOUR SEASONS,
LOOKING TOWARDS COURT OF THE UNIVERSE

THE ARCH WAS DESIGNED BY MESSRS. McKIM, MEAD & WHITE

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of fog through the Golden Gate, its billows upon billows glowing in the sunshine and with its sombre tones beneath, is one of the beautiful sights of a summer afternoon.

Usually but a small amount of this stream of fog eddies back and reaches the exposition; at other times, however, the grounds are quite enveloped.

It is interesting to know that this solution of the problem as expressed by the present plan was reached, not by a visionary ideal,

gether by the Great Wall of the exposition which, in reality, forms the outer wall of these buildings, and which is sixty-five feet high.

The composition might be referred to as one vast building sub-divided into eight palaces, comprising the following: Varied Industries, Manufactures, Liberal Arts, Education, Food Products, Agriculture, Transportation, and Mines.

The arrangement of the plan suggests an Oriental Bazaar, or walled city, whose in-

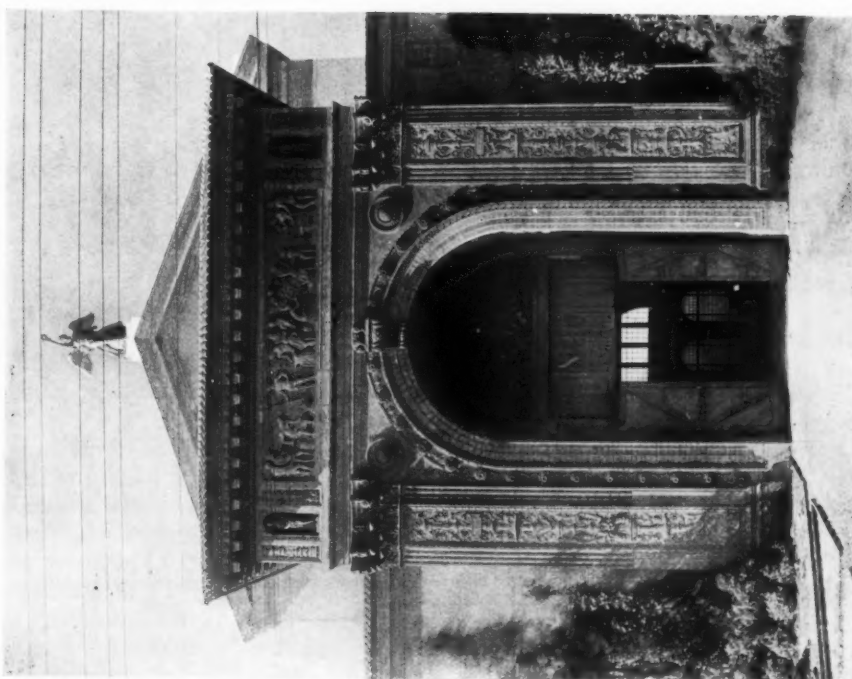


DETAIL OF ARCH, LOOKING TOWARDS COURT OF FOUR SEASONS

but by the study of the local conditions which were imposed by the site, the location facing the water, the northern exposure, the wind and fog of summer, and the desire that the public might avoid unnecessary fatigue while viewing the exposition.

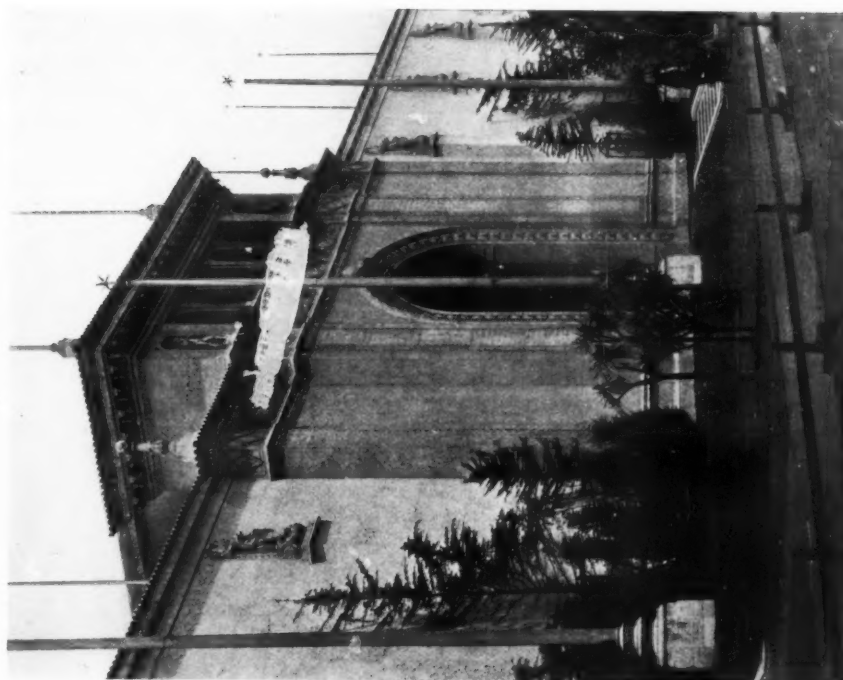
In the development of the many schemes for the exposition which the Architectural Commission suggested, the one chosen was that expressing the co-ordination of the component parts of the exposition palaces. Eight of the twelve palaces are bound to-

terior is so closely related that the interstices between the divisions become courts connected by streets or avenues of circulation and these courts have become the pivotal points where the architects, sculptors and painters have endeavored to fulfill and bring to reality their dreams of the possible. This arrangement of the plan also forms three important courts; that in the centre is known as the Court of the Universe, and has been designed by Messrs. McKim, Mead & White. To the left of the central court is



MAIN SOUTH PORTAL OF PALACE OF TRANSPORTATION

MESSRS. BLISS & FAVILLE, ARCHITECTS



MAIN EAST ENTRANCE TO PALACE OF VARIED INDUSTRIES

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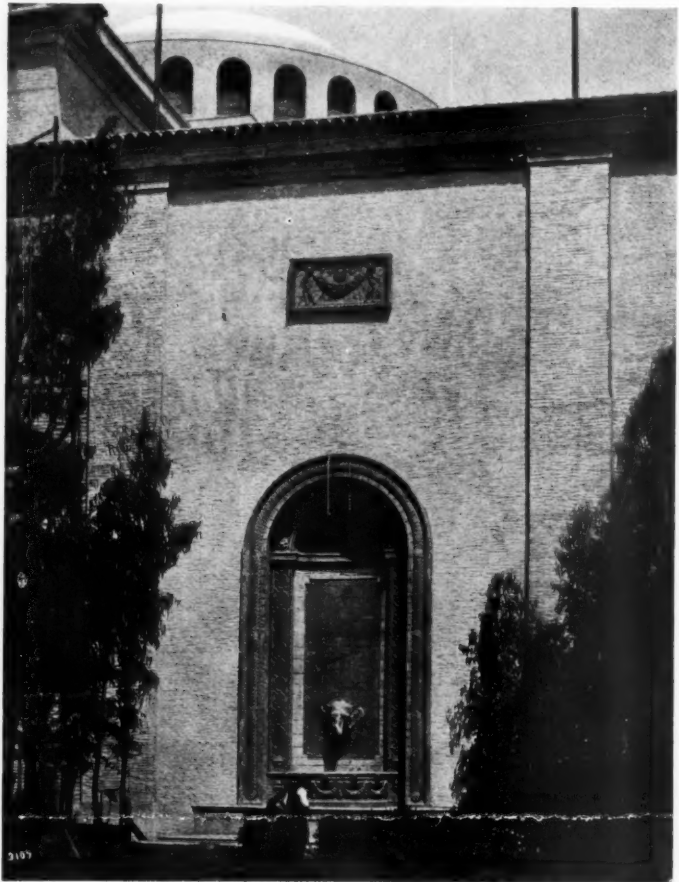
the Court of the Seasons, designed by Mr. Henry Bacon; and to the right of the central court is the Court of Abundance, designed by Mr. L. C. Mullgardt, while in the south, facing the entrance, are the two elongated semi-circle courts designed by Mr. George Kelham. Flanking the main group of eight buildings on the left is the Fine-Arts palace, designed by Mr. Bernard R. Maybeck, and on the right closing the composition on that side is the Machinery Palace, designed by Mr. Clarence Ward. Flanking the approach to the exposition on the left and at the end of the South Garden is the Horticulture Palace, designed by Messrs. Bakewell & Brown, and on the right, flanking the garden, is the Festival Hall, designed by Mr. Robert David Farquhar. Dominating the whole composition is the Tower of Jewels, forming the gateway to the enclosure, or the walled city, being 430 feet high and designed by Messrs. Carrere & Hastings.

In the apportioning of the work of the exposition to the several architects, the treatment of the Great Wall was assigned to the writer, he having suggested the idea, and to the firm of Messrs. Bliss & Faville was entrusted the development of these eight buildings, including the interiors, outer walls, domes, and the walls forming the passageways connecting the various courts.

The exposition lies in an amphitheatre formed in the hollow of the hills in the northern portion of the city, having the sparkling bay of San Francisco at its feet, while to the South the houses of the city rise tier upon tier, and to the west the forests of the Presidio come down to meet the site.

The view of this amphitheatre from the hills surrounding it is from such a height that looking down upon the roofs of the buildings you observe that the main group of buildings has been arranged so that the skylights and unsightly portions are hidden.

This has been accomplished by lifting a clerestory or barreled vault over the internal isles of circulation in each of the buildings, and the crossing of these aisles emphasized by a dome. The plans of each of the eight divisions of the group are practically the same, carrying in a sense similar treatment of roofs and domes.



NICHE IN SOUTH WALL, PALACE OF MANUFACTURES

MESSRS. BLISS & FAVILLE, ARCHITECTS

The Great Wall of the buildings at the exposition is built in sympathy with the missions erected in the early history of California by the religious orders, who in building their walls of sun dried adobe, protected them from the weather by a capping of hard burned tile. Through the enclosing wall are placed ornamental portals or gateways, designating the aisles of circulation.

The entrances are placed upon this Great

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Wall as points of accent. They are large in motive, rich in careful detail of studied fineness, romantic in their treatment, and act as a foil for the more dominant and obvious types of architecture within the enclosures.

A successful treatment of the texture of the walls and ornamental pictures has been



SOUTH ENTRANCE TO PALACE OF FOOD
PRODUCTS
MESSRS. BLISS & FAVILLE, ARCHITECTS

found for the group of buildings, and they have already taken on the tone and appearance of age. This is due to the treatment of the texture of the wall. This was suggested by Mr. Paul Denivelle, and is an imitation of Roman Travertine. It carries a tone of light tan which contrasted with the brilliant blue of our skies. This texture has proved

an admirable surface for applying color as the interstices retain the original color of the Travertine, while the paint can be applied to the surface.

The enclosing fence or outer barrier which has heretofore been more or less unsightly and uninteresting has been replaced by a hedge of green twenty-five feet in height, which has been made by planting in shallow boxes, $2\frac{1}{8}$ inches deep, 6 feet long and 2 feet wide, the quick growing *Mesembryanthemum*. When well matted the boxes are placed on edge, one above the other, and the appearance is that of a living hedge of beautiful growth.

The main entrances to the exposition are through arches formed in the simple hedge, and this enclosure has the advantage of shutting out the immediate foreground of the city, when viewed from within the grounds, and of adding quiet dignity to the main approaches. The living hedge was also suggested and designed by the firm of Messrs. Bliss & Faville, but modified and adapted by Mr. John McLaren, head of the planting and landscape works of the exposition, and to whose system of planting so much of the charm of the exposition is due.

Private Interests vs. Public Safety in Code Revision

The difficulties besetting framers of fire ordinances and building codes is well illustrated by the disapproval that has been expressed concerning the building committee of the Board of Aldermen of New York by many citizens of the borough of Queens.

A proposed ordinance laying out certain sections of the city as "suburban limits," and restricting to those limits the erection of frame buildings to 80 per cent. of the width of the lot, provided the buildings are used exclusively for residential purposes and do not contain more than fifteen sleeping rooms, caused the expression of dissatisfaction.

The fact that in some parts of the restricted area streets had not been laid out was brought forward as an argument against the proposed ordinance. The objectors, said to be composed chiefly of real-estate owners and dealers, claimed that the expansion of these districts would be retarded if not halted altogether.

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Vaudremer, Architect

HIS WORKS AS REVIEWED IN AN ADDRESS BY
DAGNAN-BOUVERET AT THE FRENCH
ACADEMY

At the last meeting of the Academy of the Fine Arts in Paris, Dagnan-Bouveret pronounced an eulogy upon the late architect, Vaudremer. He said, in part:

"If ever character was at the height of an artist's talent, it was in the case of Vaudremer, that modest architect whose funeral ceremony was celebrated almost incognito in the picturesque little cemetery of Avignon. During all his life he had refused the honors which his colleagues had wished to confer upon him.

"His strongly classical education under Blouet and Gilbert was completed by a four years' stay in the Villa Medici in Rome and carried always the imprint of correct and chastened sentiment. All the details of his work, most free or frankly audacious, for he was an innovator, are dominated by the wish to translate sincerely the construction without subterfuge and to bring out of the materials he used the decorative elements.

"The city of Paris gave him the task of making the restoration for St. Germain-l'Auxerrois, which he discharged scrupulously, but it was especially in such edifices as St. Pierre de Montrouge and Notre Dame d'Auteuil that he put a spirit that the ignorant as well as the refined recognize as being most nobly religious.

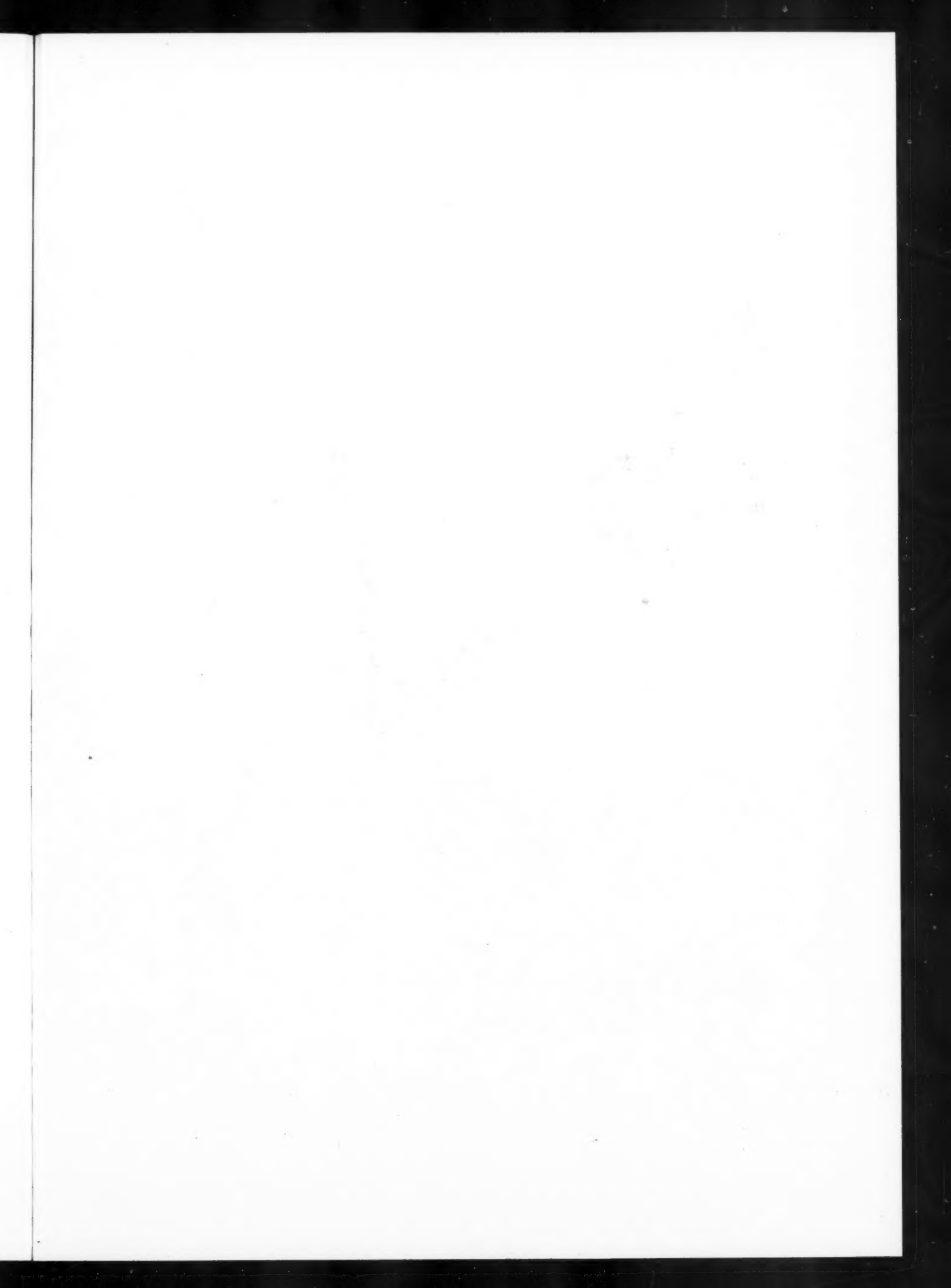
"His tombs, his monuments commemorative of the war of 1870, his residences, particularly in the modest little habitation that he constructed at the age of twenty-four on the banks of the river at Antibes for his family and where he went back finally to die—all these works, great and small, attest to the last detail his profound personality."

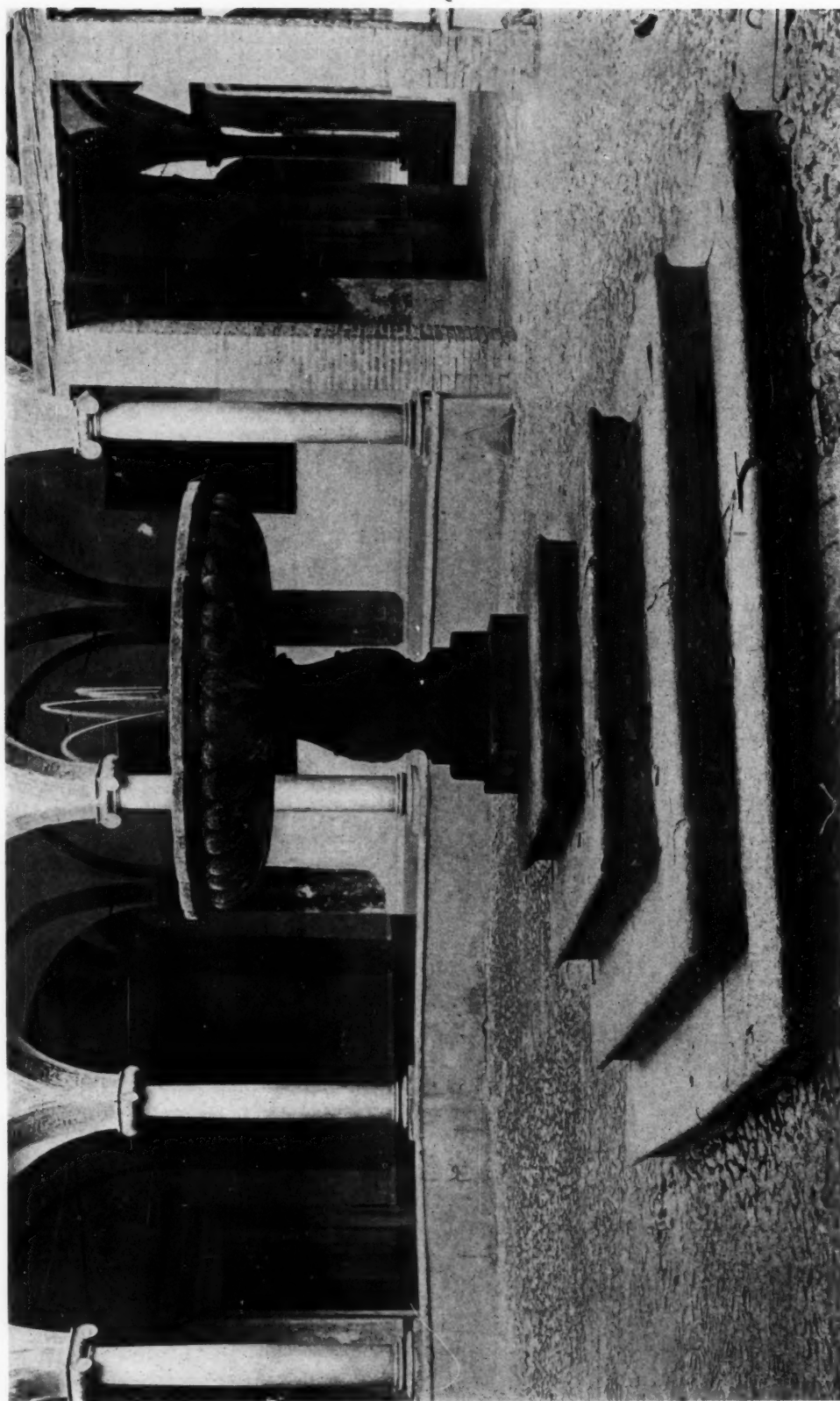
Northern Italian Details

That the church of S. Giovanni in Parma is the work of Bernardino Zaccagni of Torchiera is known, but whether or not he built the fine cloisters of the Benedictine Monastery adjoining remains a matter of conjecture. Their plan is unusual since they are in fact double cloisters, built side by side, with a loggia separating them that continues the arcade treatment; an excellent architectural scheme since it enhances not only the practical value of affording more ample circulation for the requirements of the institution, but offers a variety of picturesque glimpses from one court to another, adding to the apparent size of what would be otherwise a restricted and narrow shape. The architecture of the arcades is of no especial merit, but it bears the touch of a hand thoroughly versed in its art, and capable of making the most of a comparatively simple problem.

The fountain shown in the illustrations is the sole decoration of one of these courts; it rests on a base of three steps, and is exquisitely decorated with chaste ornament that the patina of time has all but succeeded in covering up. Like a great many Italian fountains, the play of water is confined to a small and low jet that now is scarcely more than a feeble trickle.

Since the control of the monastery has passed from the ecclesiastical to the military authorities, the courtyard is now full of the noise of barracks life, and it was with some trepidation that permission to photograph and measure this subject was applied for. However, nothing but the utmost courtesy was shown by the officials in charge.

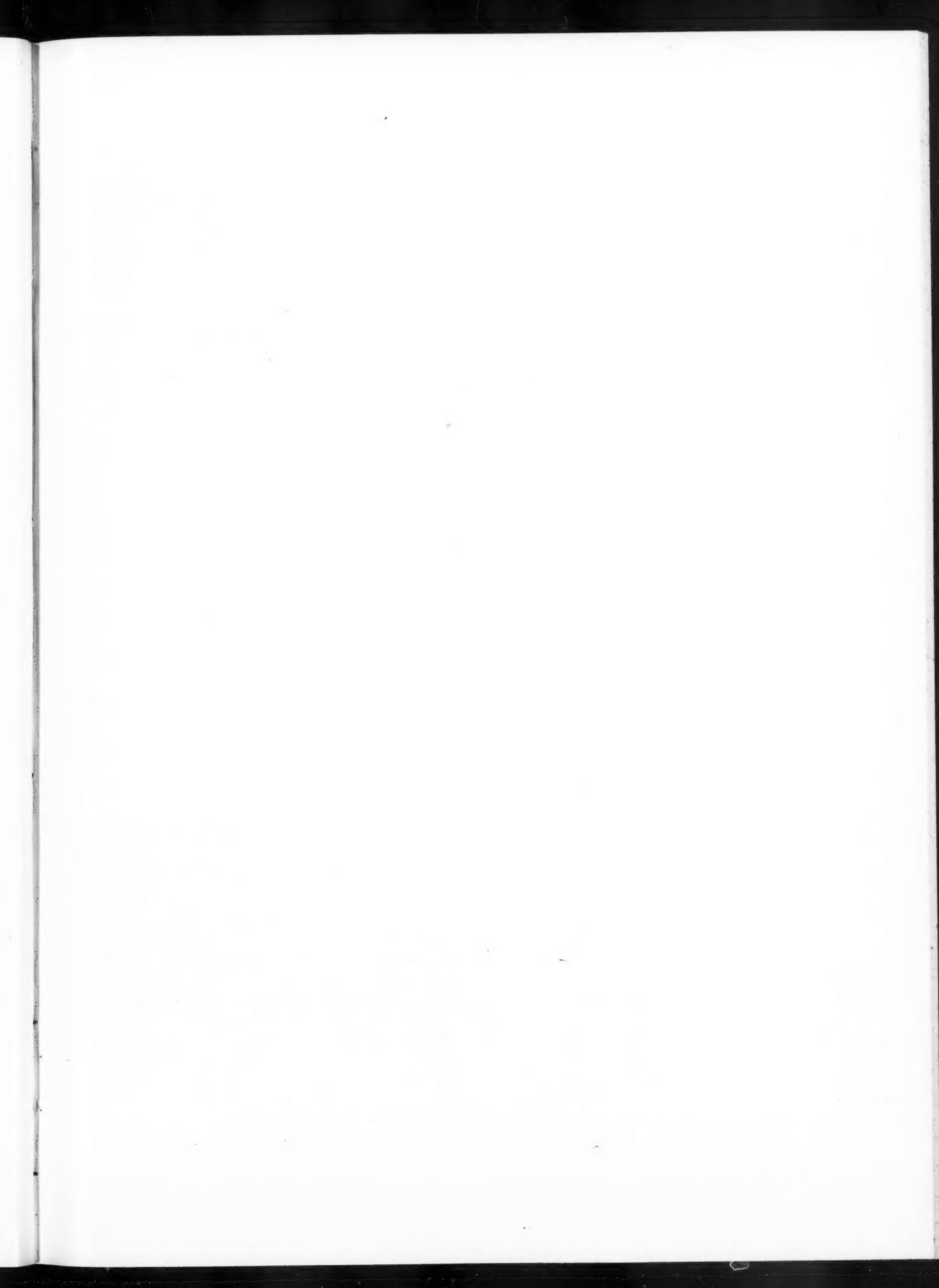


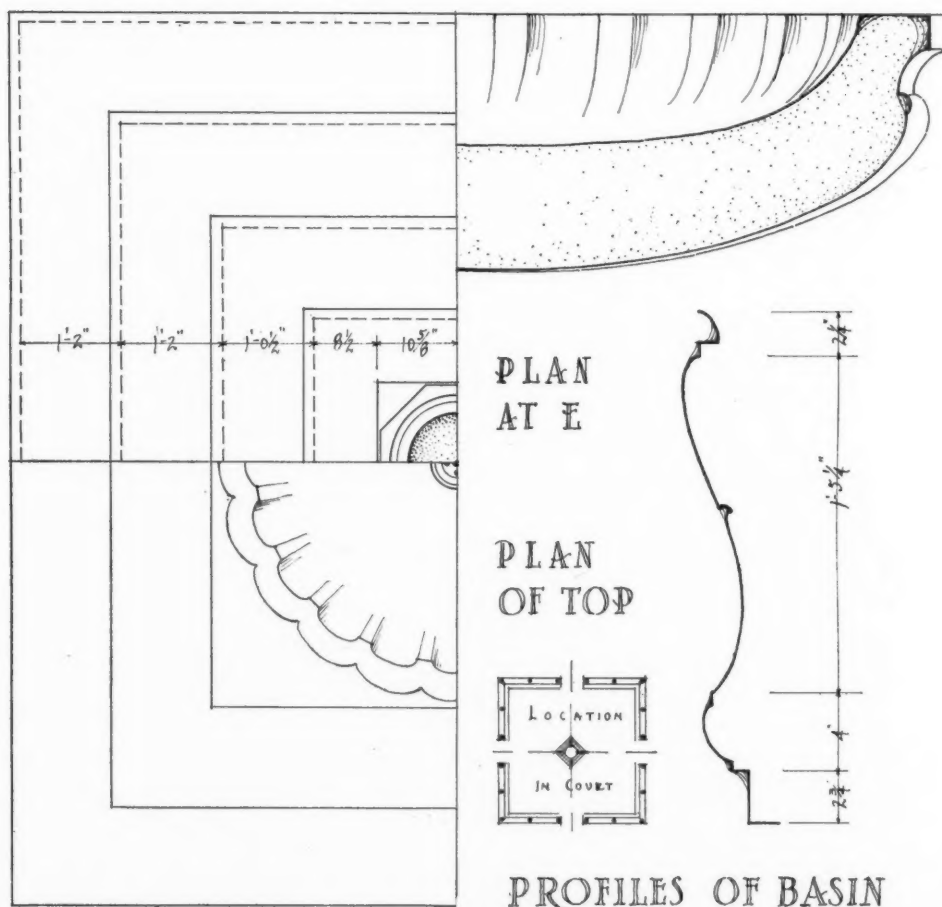
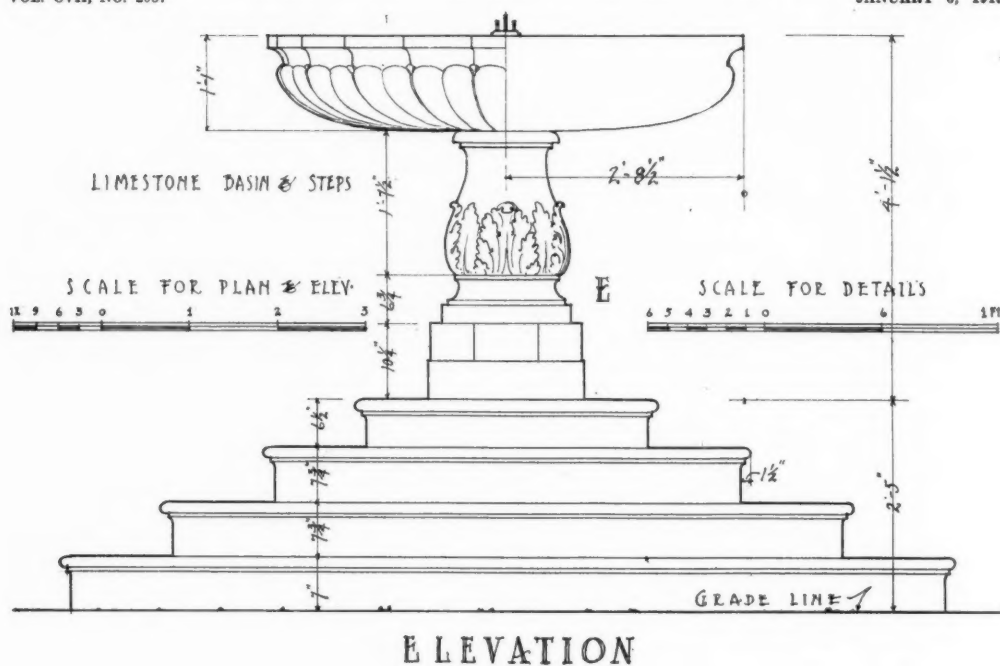


FOUNTAIN; CLOISTERS OF S. GIOVANNI EVANGILISTA, PARMA, ITALY

PHOTOGRAPHS AND DRAWINGS
BY W. G. THOMAS AND J. T. FALLON

ARCHITECTURAL DETAILS
OF NORTHERN ITALY—PLATE NO. 23

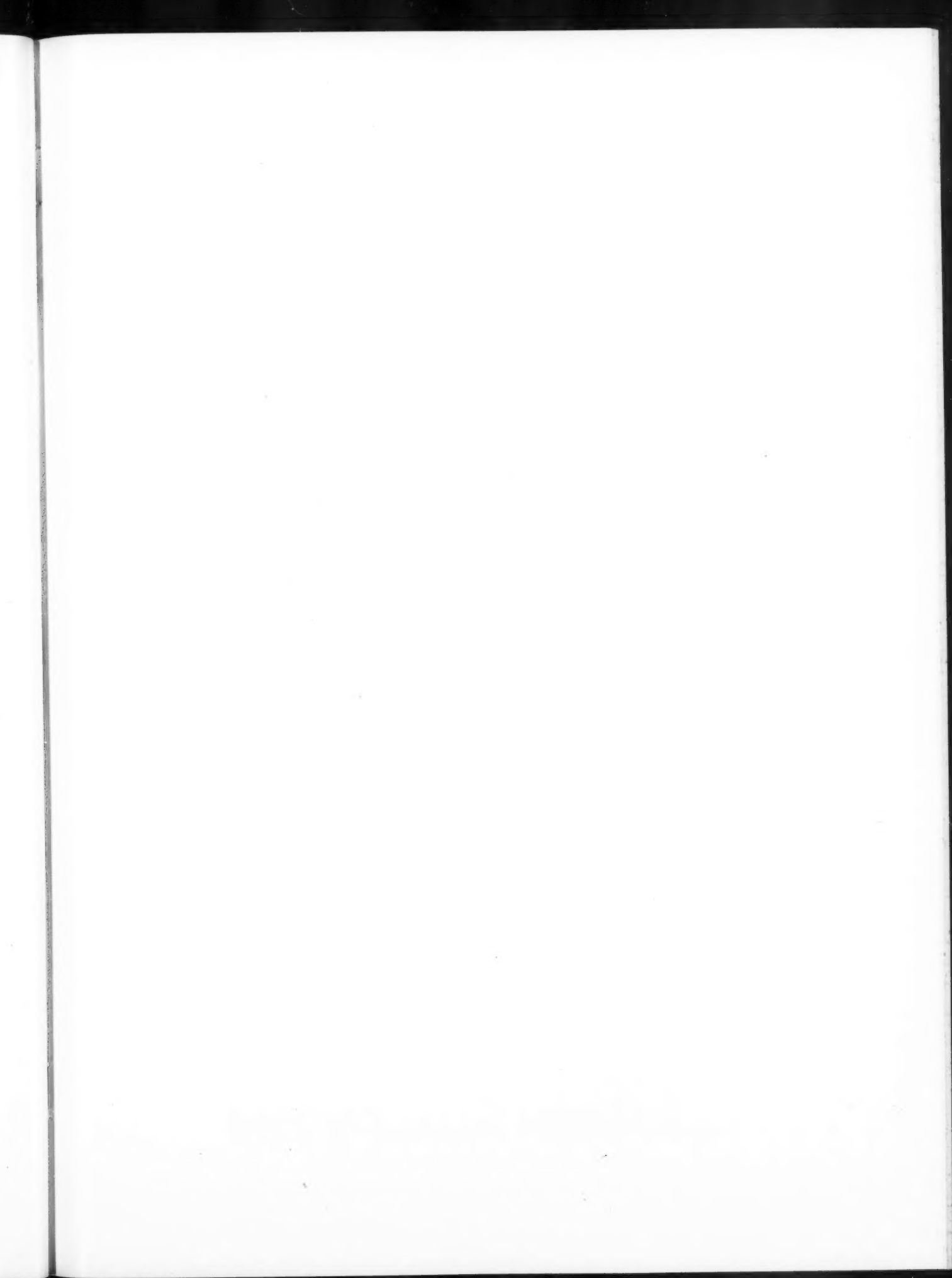




FOUNTAIN; CLOISTERS OF S. GIOVANNI EVANGELISTA, PARMA, ITALY

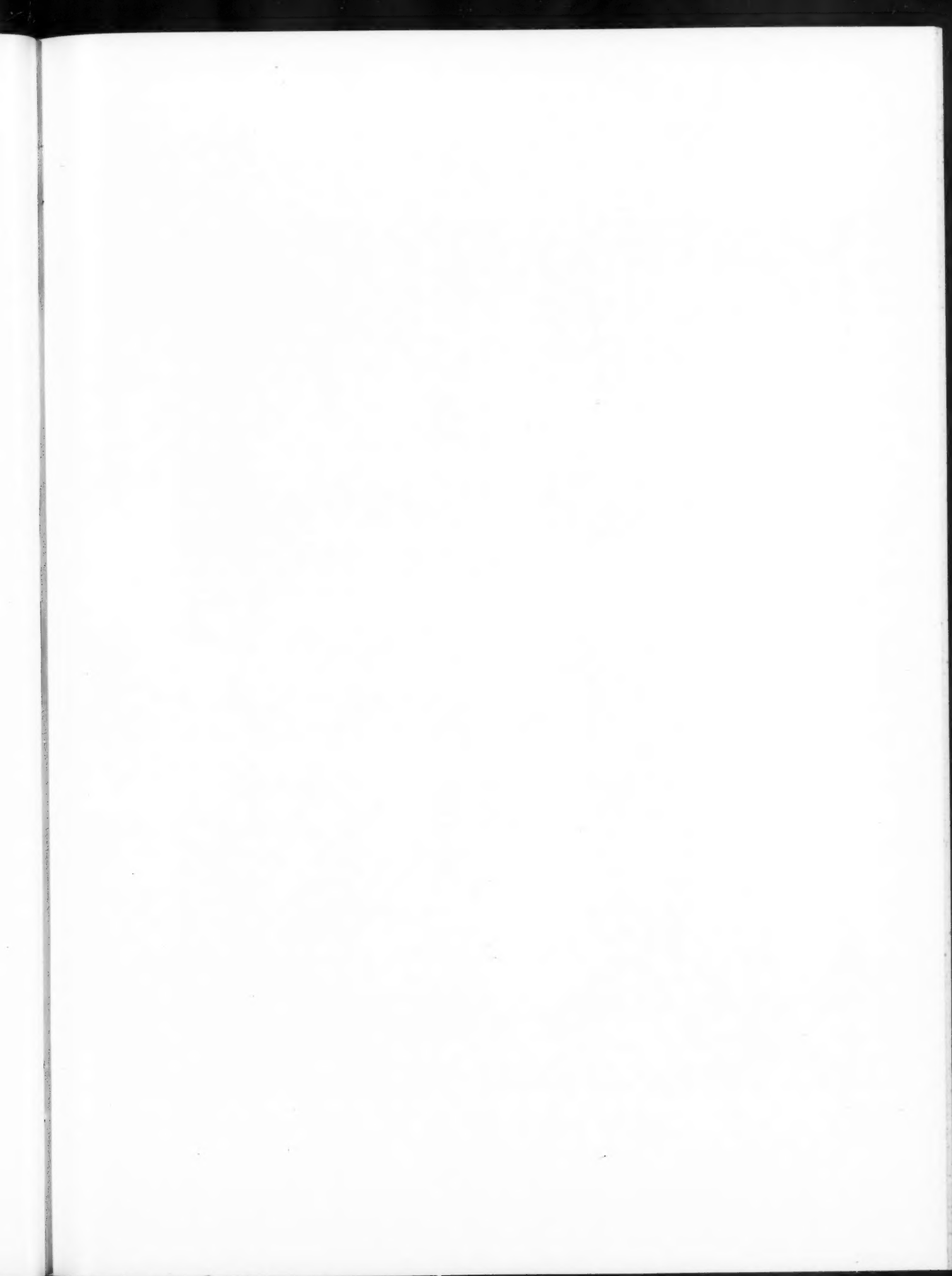
PHOTOGRAPHS AND DRAWINGS
BY W. G. THOMAS AND J. T. FALLON

ARCHITECTURAL DETAILS
OF NORTHERN ITALY—PLATE NO. 24





PANAMA-PACIFIC INTERNATIONAL EXPOSITION
GREAT WALL, SOUTH ELEVATION, PALACE OF MANUFACTURES
MESSRS. BLISS & FAVILLE, ARCHITECTS



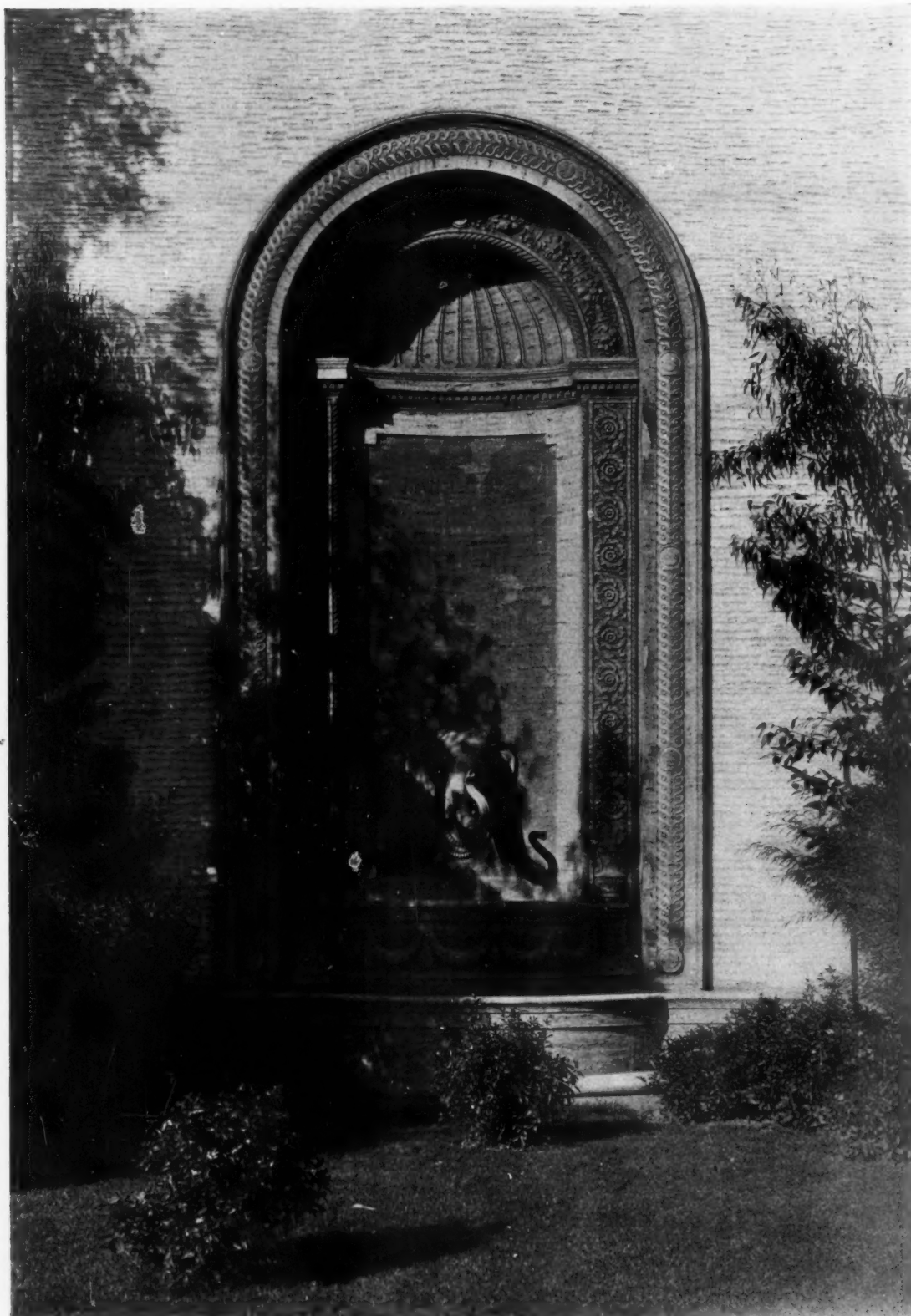


PANAMA-PACIFIC INTERNATIONAL EXPOSITION

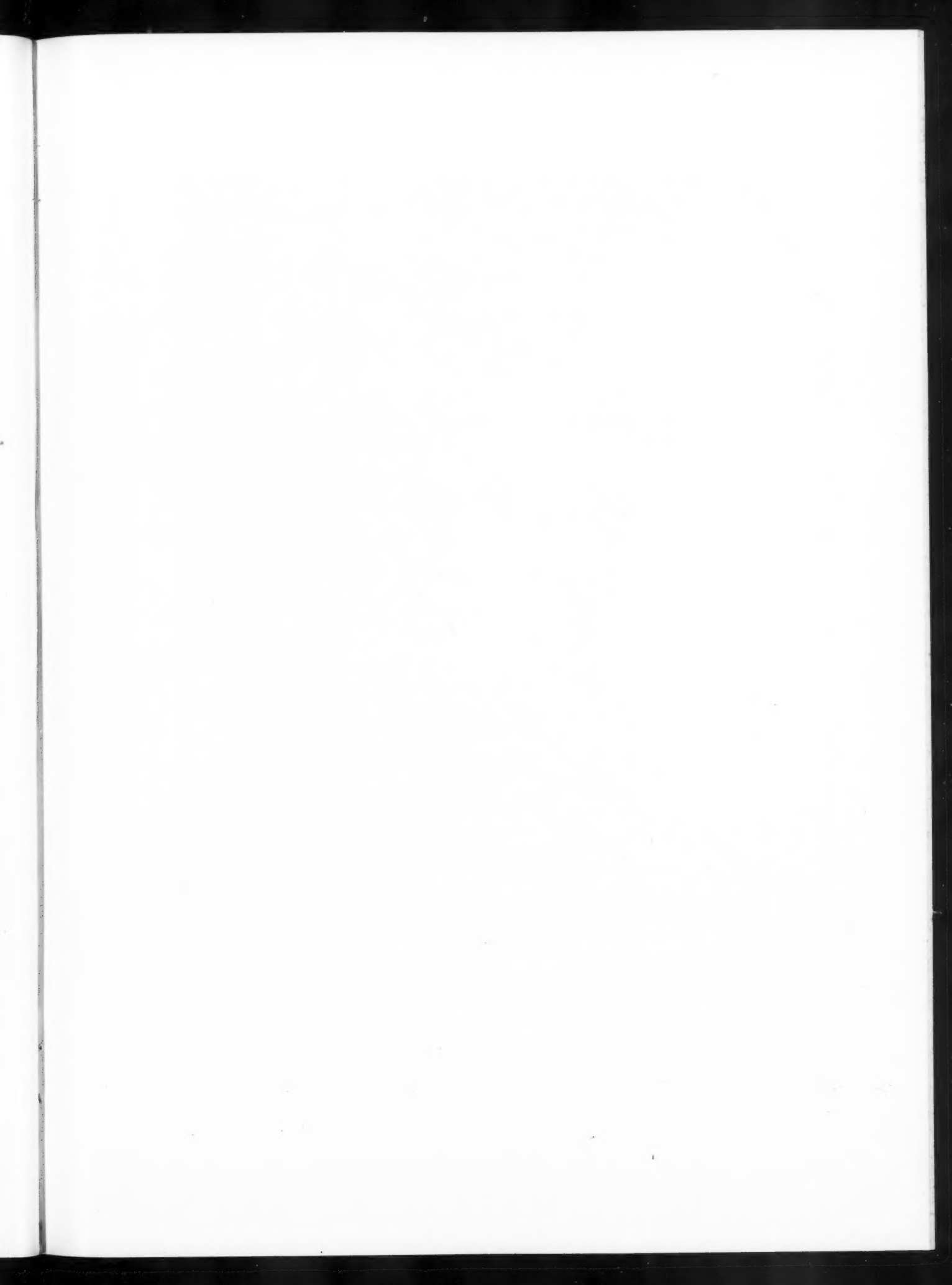
SOUTH ELEVATION, PALACE OF MANUFACTURES

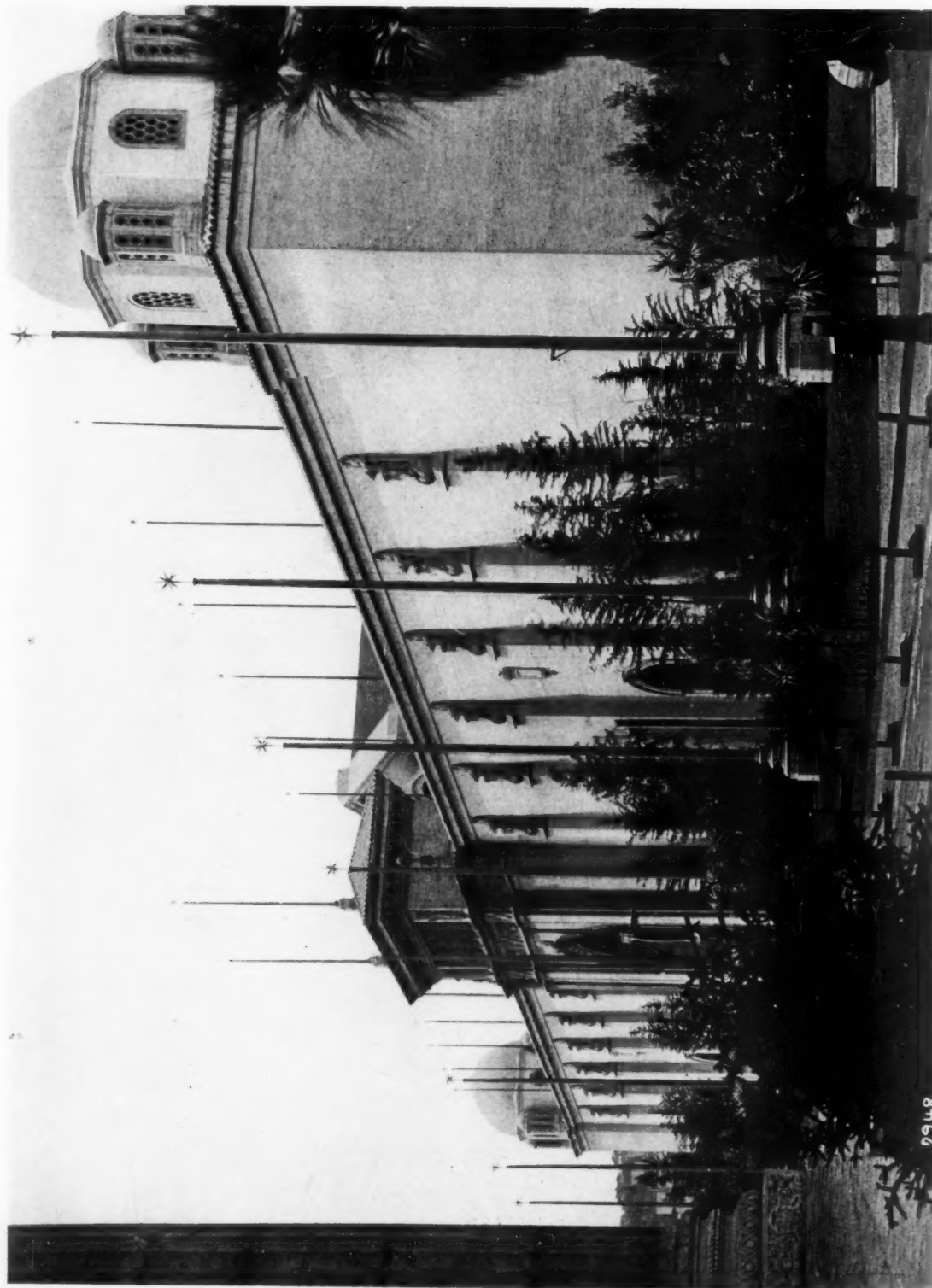
MESSES. BLISS & FAVILLE, ARCHITECTS





PANAMA-PACIFIC INTERNATIONAL EXPOSITION
NICHE IN SOUTH WALL, PALACE OF MANUFACTURES
MESSRS. BLISS & FAVILLE, ARCHITECTS





PANAMA-PACIFIC INTERNATIONAL EXPOSITION
GREAT WALL, EAST ELEVATION, PALACE OF VARIED INDUSTRIES
MESSRS. BLISS & FAVILLE, ARCHITECTS

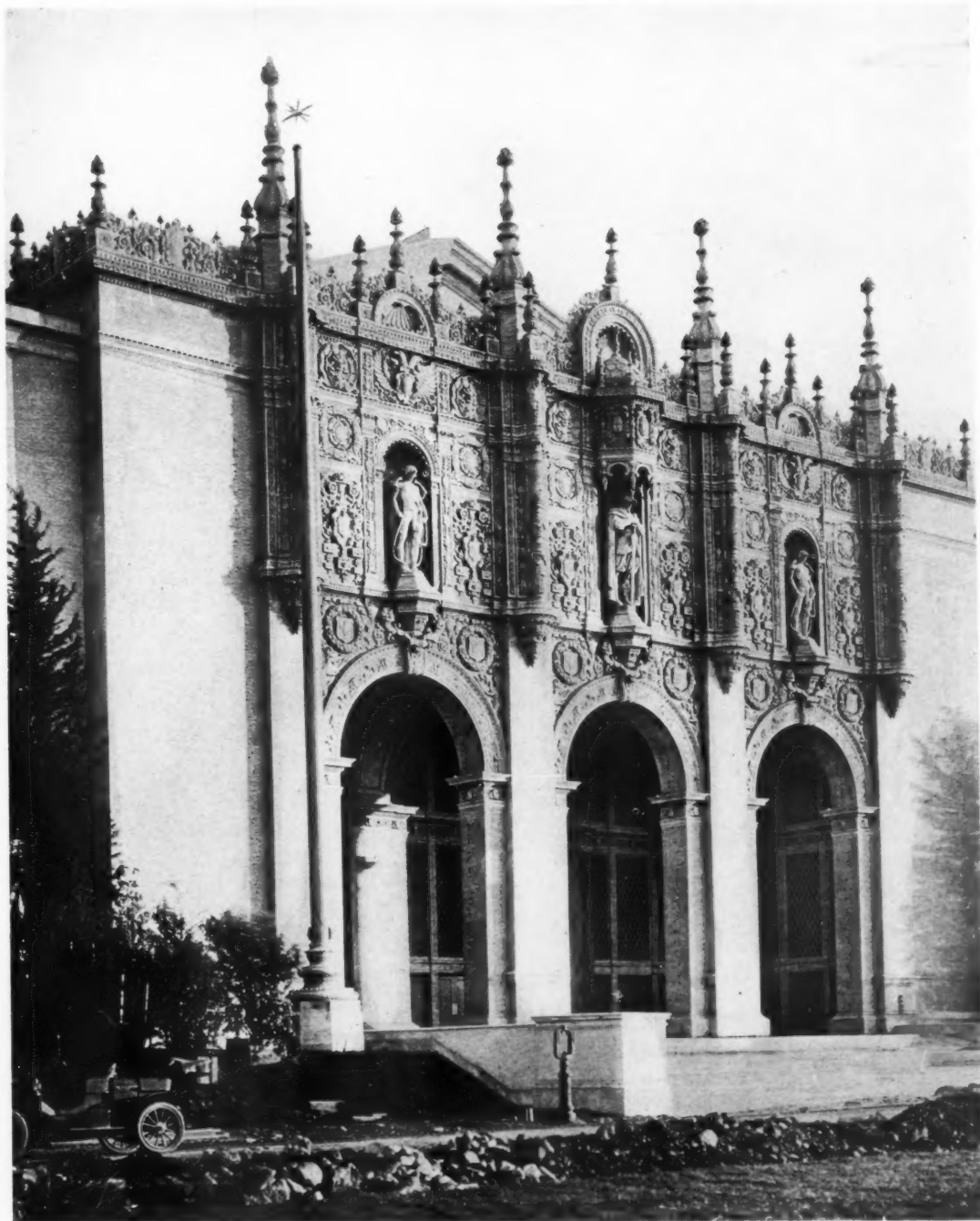




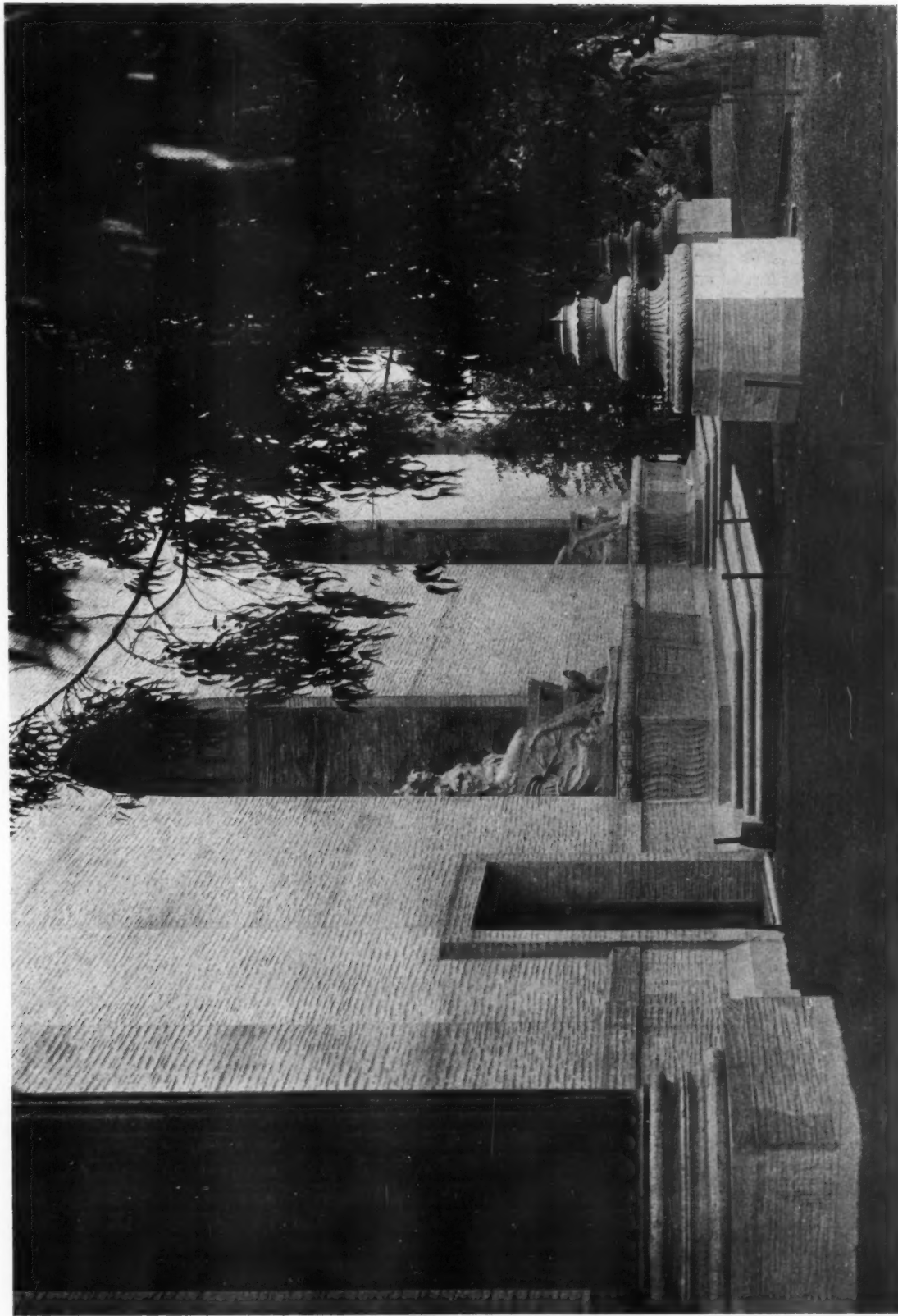
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GREAT WALL, PALACE OF MINES AND METALLURGY
MESSRS. BLISS & FAVILLE, ARCHITECTS



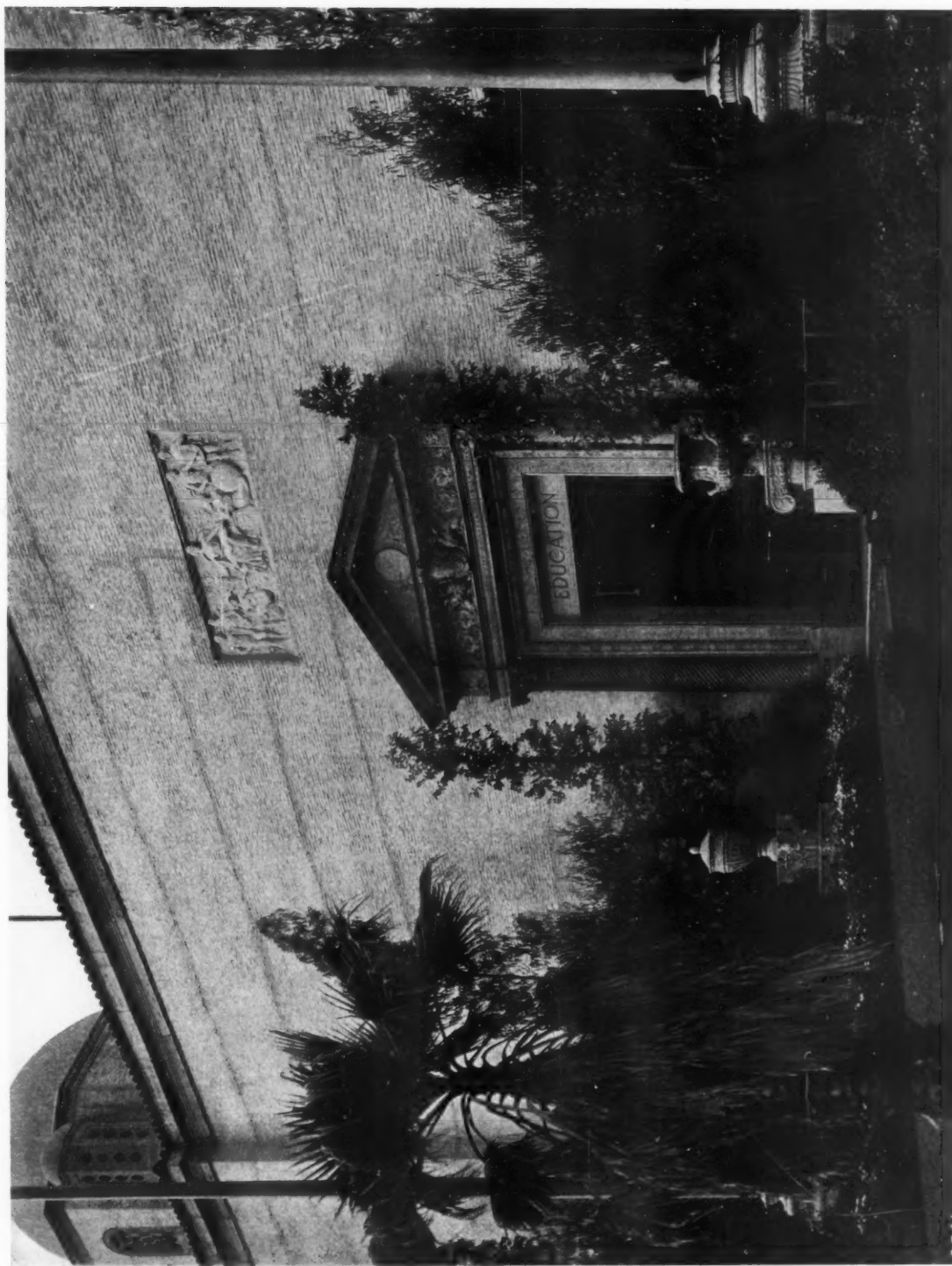
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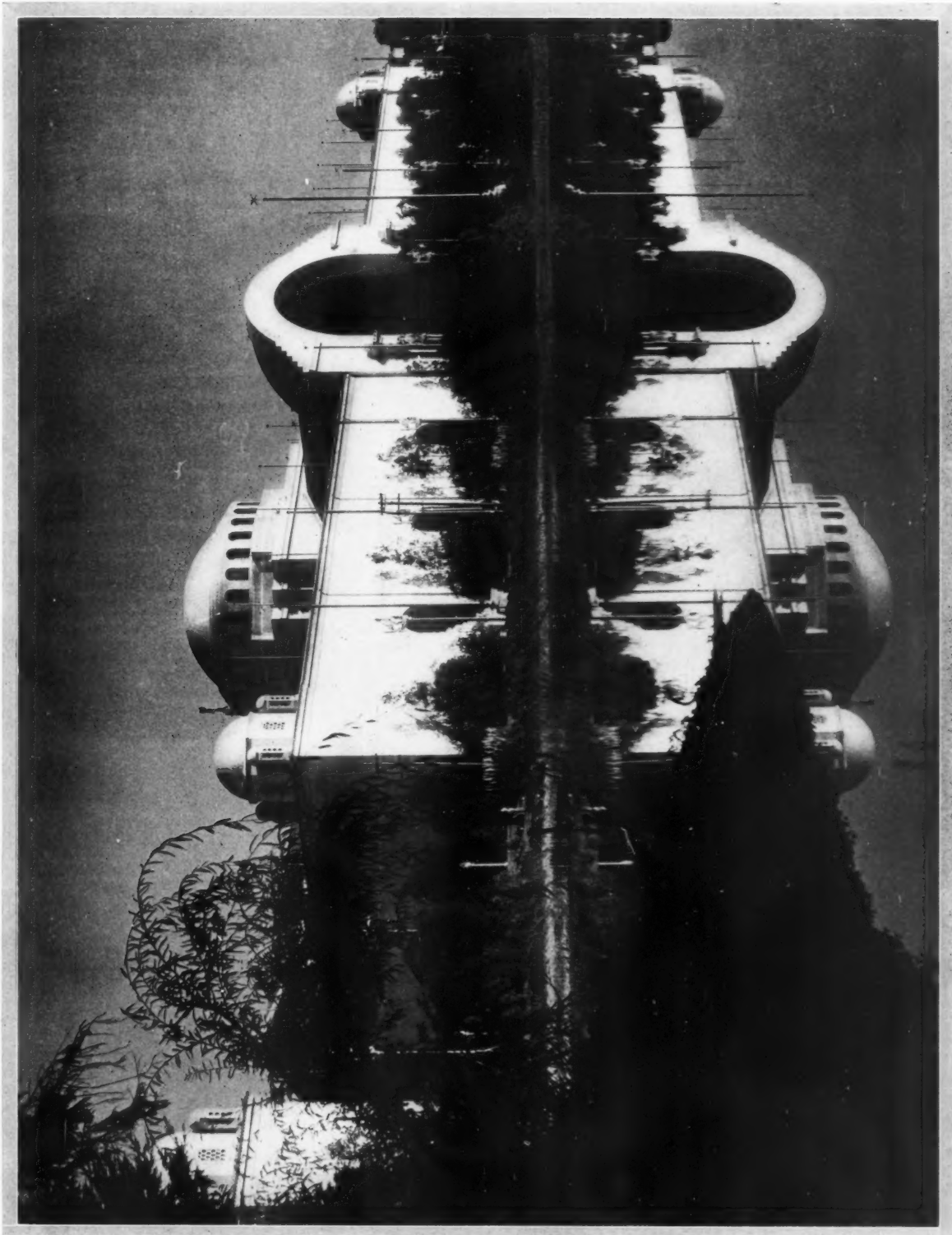


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NICHES IN WEST WALL, PALACE OF EDUCATION
MESSRS. BLISS & FAVILLE, ARCHITECTS

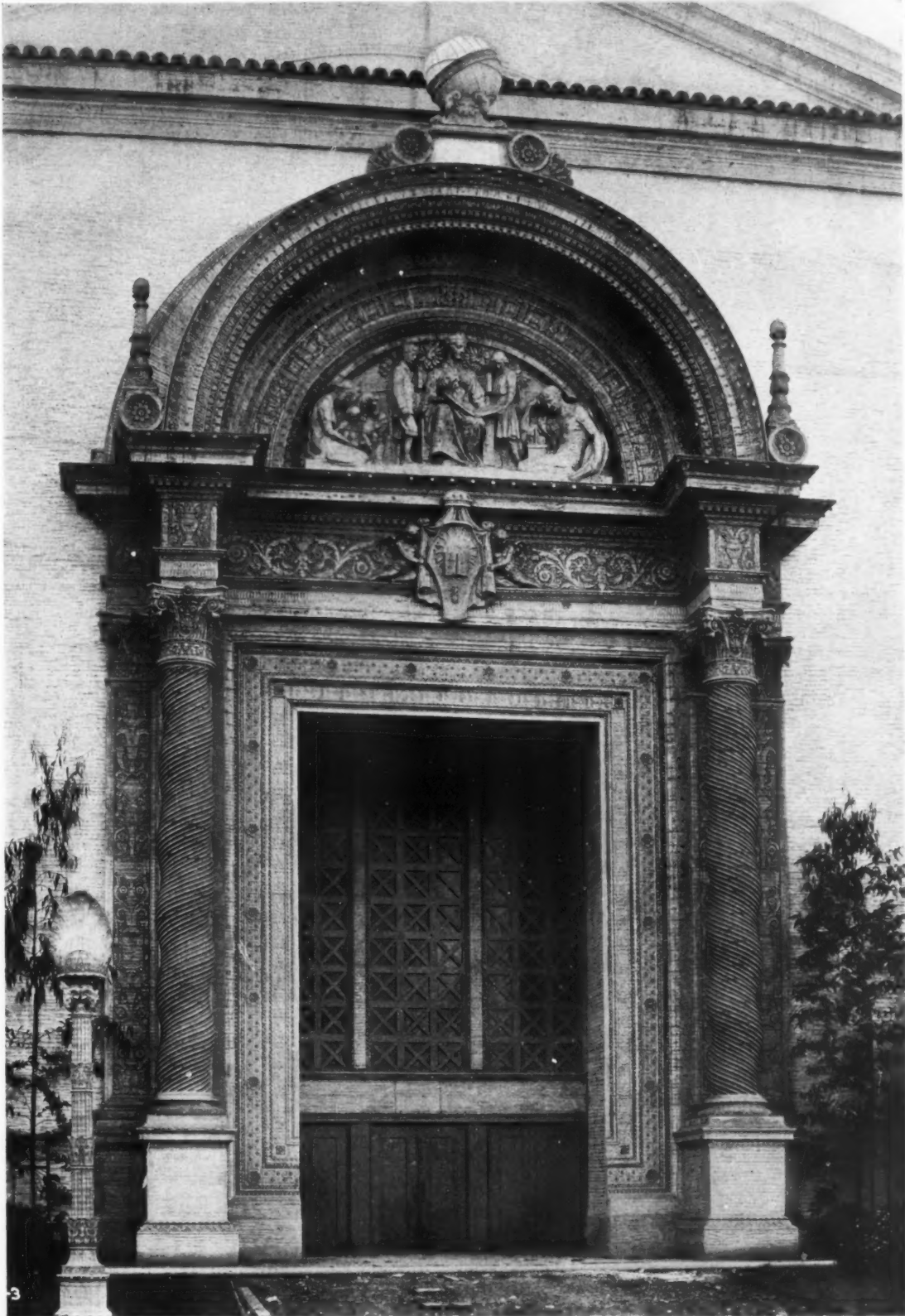


PANAMA-PACIFIC INTERNATIONAL EXPOSITION
MINOR SOUTH ENTRANCE TO PALACE OF EDUCATION

MESSRS. BLISS & FAVILLE, ARCHITECTS



PANAMA-PACIFIC INTERNATIONAL EXPOSITION
PALACE OF EDUCATION, SHOWING PORTAL OF THOUGHT
MESSRS. BLISS & FAVILLE, ARCHITECTS



PANAMA-PACIFIC INTERNATIONAL EXPOSITION
MAIN SOUTH PORTAL, PALACE OF EDUCATION
MESSRS. BLISS & FAVILLE, ARCHITECTS



PANAMA-PACIFIC INTERNATIONAL EXPOSITION
HALF DOME (*PORTAL OF VIGOR*), PALACE OF FOOD PRODUCTS
MESSRS. BLISS & FAVILLE, ARCHITECTS



DETAIL OF ARCADE

PANAMA-PACIFIC INTERNATIONAL EXPOSITION
AVENUE BETWEEN COURT OF THE UNIVERSE AND COURT OF THE FOUR SEASONS
MESSRS. BLISS & FAVILLE, ARCHITECTS



PANAMA-PACIFIC INTERNATIONAL EXPOSITION
THE GREAT WALL, PALACES OF VARIED INDUSTRIES AND MINES
MESSRS. BLISS & FAVILLE, ARCHITECTS

THE AMERICAN ARCHITECT

Founded 1876

PUBLISHED EVERY WEDNESDAY BY

THE AMERICAN ARCHITECT (INC.)

No. 50 Union Square, New York
(Fourth Avenue and 17th Street)

G. E. SLY, PRESIDENT

E. J. ROSENCRANS, SECRETARY AND TREASURER

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Philippine Islands and Canal Zone),
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TEN DOLLARS PER YEAR, POSTAGE PAID
ALL OTHER COUNTRIES . . \$12.00 PER YEAR
SINGLE COPIES (Regular Issues), 25 CENTS

CHICAGO OFFICE, Hearst Building
Page A. Robinson, *Western Manager*

Entered at the Post-office, New York, as Second-class Matter

VOL. CVII JANUARY 6, 1915. No. 2037

THE BUILDING OUTLOOK FOR THE COM- ING YEAR

WHILE it must be admitted that there is still a considerable feeling of pessimism discernible in some quarters concerning the building situation for 1915, there can exist no reasonable doubt that underlying conditions give promise of great improvement within the space of a few weeks. Invariably among the first to detect improvement in the general business situation are those directing the course of what is frequently termed in this country "big business," and we have recently been told that, whereas the United States Steel Corporation had until a month ago regarded as unavoidable a reduction in wages about the first of the new year, it now appeared that any action looking toward a general wage reduction could be wisely postponed with every reason for hope that it would eventually prove entirely unnecessary. Another instance of a similar character is furnished by certain railroad traffic officers in Eastern states who are reporting unmistakable evidences of an increased volume of freight—a movement that it is expected will become general in the not distant future.

These and other facts of no less importance to the general industrial condition of the country all point toward an increased volume of business, and experience teaches that increased business inevitably leads to greater building activity.

If then more buildings and increased manufacturing and business facilities will be demanded in the near future it would seem to be the part of wisdom to begin preparations at once. While as a general statement of fact it can be said that thorough preparation has contributed more toward the world's victories—athletic, military, commercial, industrial and scientific—than any other one factor, preparation to supply the inevitable and early demand for buildings can be undertaken at the present time with *unusual* assurance, for, as has been previously stated, there has not been a time, within a half dozen years at least, when building could be done as advantageously. Building materials are, almost without exception, lower in price than they have been in years. Labor is plentiful, which means that it is also unusually efficient, for when there are two or three men ready to take the place of one discharged for lack of either skill or ambition, the effect is increased efficiency and a corresponding decrease in cost. The third factor in the problem of securing buildings at low cost is the contractor, and he almost invariably is willing to undertake work at a lower percentage of profit when as at present there is comparatively little of it to be done, than when it is abundant. Taken all in all a more favorable time than the present for undertaking any contemplated building project is not likely to occur again within a decade at least and, moreover, present conditions will not long continue. Under the circumstances the obvious thing to do is to take immediate advantage of the existing situation.

DANGER OF CONFUSING THE MEANS TO AN END WITH THE END ITSELF

AN address recently delivered before the Department of Architecture of the University of Oregon by Mr. W. R. B. Wilcox, of the Board of Directors of the American Institute of Architects, expresses so accurately and forcibly our own views on a subject that should be of interest to both practitioner and student

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that we can do no better than to print it in part and commend it to the thoughtful consideration of the profession in general. After dwelling briefly upon the relation of a country's architecture to its culture and defining the genuine purpose of architecture, the speaker continued: "It may be well to remind ourselves that in the schools the technique of architecture is liable to become confused with the technique of drawing, which latter is a graphic art and bears but a temporary relation to architecture. Think not that this is lightly said: it is important that we should appreciate how architecture may be—and doubtless innumerable times has been—produced without a single drawing. Architecture pertains to structure; drawing is a means of study and an aid to construction, but architecture may not, with a degree of accuracy, be judged by or from the drawings which depict it. Hence in our schools, unless we are watchful, there is the possibility of viewing the subjects of our study and attention as something detached from the realities of life. This is less likely to result where the subject is one which has a quite obviously practical bearing, but in the study of any of the branches of what is called art, it is easy to get out of touch with the real relationship which such work bears to life. We are liable to view the work done in the course of study as an end in itself. Art for art's sake! This attitude toward our studies is possible in any branch. In the practical branches, however, the closer relation which the concrete problems dealt with sustain to the experiences of life help to impress the mind with the principal reason for solving them, but even with them it is easy to omit the practice of reflecting upon their ultimate purpose, which is the training of the mind, equipping it to act independently and logically in connection with similar though fresh problems which arise in pursuit of any work in the world that is worth

while. It is, of course, necessary for the student of architecture to develop skill as a draftsman; he should persist in the practice of drawing until he acquires a facility which enables him to illustrate with ease any architectural subject. But it is a simple matter to exaggerate the importance of drawing in connection with architecture. Many of the most skilled architects have been but indifferent draftsmen. Too close attention to the composition or the rendering of a drawing in and for itself is liable to cause one to forget that after all it is only an imperfect representation of a design which is to be produced in various materials, each of which has different properties, each of which should be treated in a different way, each of which must have a modifying effect upon the design. The musician or sculptor or painter may study his composition in the medium of its actual expression and subject it to his criticism in its final proportions, but the architect seldom, and then only in sectional details, can thus proceed. It would be well indeed if every student could devote enough time to the various crafts to gain an appreciation of their true natures. It would do much to heighten his realization that architectural design is considerably more than a matter of paper, lines and washes. It will help to bring home to him at the beginning the notion that he is to become a *creator of buildings*, not merely a maker of drawings."

Coming just at this time when it seems as though the tendency both in the schools and in the profession is to attach an unwarranted amount of importance to the subject of drawings, Mr. Wilcox's address is of especial value. If there is to be any marked improvement in the architecture of this country it may be expected as a result of a study of design and the proper selection and use of materials, not by reason of exceptional proficiency in draftsmanship.



DETAIL OF ARCADE

AVENUE BETWEEN COURT OF THE UNIVERSE AND COURT OF THE FOUR SEASONS

MESSRS. BLISS & FAVILLE, ARCHITECTS

THE AMERICAN ARCHITECT

RECENT LEGAL DECISIONS

Surety's Liability—Excessive Payment

The provisions of a contract that payments to the contractor should be limited to 80 per cent. should be construed to apply to payments which the owner had the option to make or refuse, and not those which were compulsory and in discharge of valid lien claims against the property. An owner paid the contractor and certain valid lien claimants enough to make the total payment exceed the limit of 80 per cent. But certain of the payments to the lien claimants, in an amount exceeding the excess, were subsequent to the payments to the contractor. These payments merely reduced the liability of the contractor's surety, and it was held not discharged thereby. The owner was required by the contract to insist upon the production of receipts from laborers and material men. Certain of the receipts presented to the owner, on which he made payments, were forged by the contractor, of which facts the owner had no knowledge. It was held that the conduct of the contractor in this respect was a failure faithfully to perform the contract and a breach thereof, for which the surety was responsible.

Allen v. Eneroth, Minnesota Supreme Court, 137 N. W. 10.

Architect's Services—Evidence

A contractor was required by the contract for his services to superintend the construction of a building and the selection of the material therefor, and authorized to reject all material and workmanship which in his judgment were not in full accordance with the plans, specifications and detail drawings. In an action for his services it was held that his report, which stated in detail 100 items wherein the building as completed did not comply with the plans and specifications, was admissible to raise an inference that he had not performed his duty.

Johnson v. O'Neil, Michigan Supreme Court, 137 N. W. 713.

Reinforced Concrete Floor Patent

The Ransome patent, No. 694,580, for a reinforced concrete floor extending to the exterior face of a building, and there forming a belt course, with downward and upward extensions forming lintels to the windows below and sills to those above, was, it is held, not anticipated and discloses invention.

Ransome Concrete Co. v. German American Button Co., 197 Fed. 172.

Contractor's Lien

While the work must be done substantially according to contract to entitle the contractor to a lien, if an effort in good faith has been made to comply with the contract, and it is substantially, though not fully, complied with, the contractor is entitled to a lien for the contract price less such deductions as should be made on account of the defects and omissions in doing the work.

M. J. Walsh Co. v. Nelson, Oregon Supreme Court, 126 Pac. 606.

Arbitration Clause—Operation and Effect

A building contract authorized the architects to determine all questions in relation to the work and the construction of the contract, and to decide every question which might arise relative to its execution. Although this language was very broad, it was held, in an action for the balance due under the contract, that the authority of the architects was not to be extended so as to permit them to pass upon the question of whether they were themselves at fault. They had made an award charging the contractor with liquidated damages for delay. This having been admitted in evidence after the plaintiff had made out a prima facie case, it was held to be error to exclude rebuttal evidence offered to show that the delay was, in great part, due to the fault of the architects themselves, by delay in furnishing detailed drawings.

Reilly v. Rodef S. Congregation, Pennsylvania Supreme Court, 90 Atl 345.

CURRENT NEWS AND COMMENT

Communication

FIVE PAST PRESIDENTS IN ATTENDANCE AT
RECENT CONVENTION OF THE AMERICAN
INSTITUTE OF ARCHITECTS

Editor THE AMERICAN ARCHITECT:

In your interesting report of the convention of the American Institute of Architects at the Shoreham in Washington, you state as a noteworthy feature that three past-presidents were present, and you mention Mr. Walter Cook and myself as two of the three. The two past-presidents referred to in the report as being present were Robert S. Peabody and Frank Miles Day. Mr. Cook and I were present ex-officio as members of the Board. With Mr. Gilbert there was then a sum total of five past-presidents instead of three present at the convention.

It is always a pleasure to see Mr. Robert Peabody at the convention; it is always a matter of congratulation to those who wish to have matters clearly and fully presented to have Mr. Day present, while Mr. Gilbert always brings an atmosphere of poise and conservatism which is an element of strength.

Yours truly,

IRVING K. POND

A Correction

Through error, the titles to the Church in Boston, designed by Messrs. Cram & Ferguson of that city, and illustrated in the December 23d issue of *THE AMERICAN ARCHITECT* was stated, as the Second Presbyterian Church. The title should have read *The Second Church in Boston, Unitarian*. The reason for this title is a historical one. The church is the second actual religious society in Boston in point of age and did not become Unitarian until some two hundred years after its foundation.

Indianapolis Architectural Club

At the annual meeting of the Indianapolis, Ind., Architectural Club, the following officers were elected: President, Adolph Scherrer; Vice-President, Alfred Grindle;

Secretary-Treasurer, O. M. Mueller. It is reported that this organization during the past year has materially advanced the cause of good architecture in its section.

Columbus, O. Chapter, A. I. A. Architects Elect Officers

The Columbus Chapter of the American Institute of Architects has elected the following officers: President, C. W. Bellows; Vice-President, Prof. Charles St. J. Chubb; Secretary-Treasurer, George H. Bulford; Executive Committee, J. W. Thomas, A. M. Allen, F. L. Packard, Prof. J. N. Bradford.

Chas. H. Rutan Dead

Charles H. Rutan, of the architectural firm of Shepley, Rutan & Coolidge, Boston, died at his home in Brookline on December 16th.

Mr. Rutan was born in Newark, N. J., in 1851. He became identified in 1870 with the firm of Gambrill & Richardson, the latter being H. H. Richardson. He remained with Mr. Richardson until the latter's death in 1886, when he formed the partnership with Mr. Shepley and Mr. Coolidge, which continued until now terminated by Mr. Rutan's death.

Tacoma, Washington, Society of Architects

The last regular monthly meeting of the Tacoma Society of Architects was given over to the study of the Panama-Pacific exposition. The meeting was the first of a series, outlined by the program committee, at which different subjects of an educational nature will be considered.

Southern California Chapter, A. I. A.

The seventy-ninth meeting of the Southern California Chapter of the American Institute of Architects, was held at Los Angeles, Cal., on December 8, 1914. The

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meeting was called to order by President A. C. Martin.

For the Board of Directors, the Vice-President, S. Tilden Norton, announced that Mr. Charles Gordan and Mr. R. C. Farrell had been elected to regular membership in the Chapter.

For the A. I. A. sub-committee of education, report was made that the Los Angeles City Housing Commission had presented the matter of a competition for model houses for industrial districts to the committee of the Chapter, and that the two bodies were working together in the interest of the matter.

For the special committee on Contracts and Specifications, Mr. S. Tilden Norton reported tentative approval had been accorded the suggestions offered by the California Association of Electrical Contractors and Dealers for a better co-operation between architects and the Electrical Association, in improving the standards of electrical work. That the committee had recommended that the electrical association should place their suggested proposals in definite written shape to be presented to the committee and to the Chapter.

A communication was read from E. C. Kemper, acting executive secretary of the American Institute of Architects, calling the attention of the Chapter to an extract from the minutes of a meeting of the Institute's Executive Committee, with reference to the Institute's policy in the matter of architectural exhibits at the Panama-Pacific International Exposition.

There was a general discussion relative to the Appellate Court's decision sustaining the law of 1872, which requires all public bodies to advertise for plans and specifications, such plans and specifications to be accompanied by a \$5,000,000 bond, in matters of architectural employment on public work. After discussion, this matter was left in the hands of those members of the Chapter who have been working to set this law aside. Discussion followed, relative to the law of 1901, regulating the practice of architecture in the State of California. The secretary read a communication from Seward A. Simons, attorney, setting forth his opinion as to what

steps should be taken to protect the architects and to strengthen this law in the interest of the public and the profession. Extracts from the Illinois State Law, governing the practice of architecture, were read and also sections from the opinions rendered in various cases prosecuted under the law. Reports were also read by the president of the State Board of Architecture, John P. Krempel, from the State Board's attorney, reciting work done by him in various cases of alleged illegal practice which had been under investigation.

Opening of New School of Architecture

The School of Architecture of the University of Oregon at Eugene, Oregon, was formally opened on Thursday, November 19th, by W. R. B. Willecox, of Willecox & Sayward, Seattle, who spoke as Director of the American Institute of Architects. In his address, Mr. Willecox pleaded earnestly for a redemocratizing of the art. The Oregon school opened in September, under the direction of Mr. Ellis F. Lawrence, of Portland. He is assisted by Professor E. H. McAlister, in structural courses, by Professor P. P. Adams, in drafting and design, and by several non-professional members of the faculty who have arranged auxiliary courses for the benefit of students in Architecture. The plans call for rapid development of the school as the students become prepared for advanced courses, but no degrees in Architecture will be granted for the present, students being sent east for some of their higher work.

Among those who took part in the opening exercises were Mr. A. E. Doyle, of Portland, President of the Portland Chapter of the Institute, who brought the greetings of the Portland Architects and announced that the Beaux Arts Society would offer a series of prizes for excellence of work by members of the school. President P. L. Campbell, of the University; W. C. Knighton, State Architect, of Salem; Hon. Allen Eaton, and the members of the students' architectural club took part in the exercises.

INDUSTRIAL INFORMATION

Circuit Breaker

The Cutter Electrical and Manufacturing Company, 19th and Hamilton streets, Philadelphia, Pa., has recently issued a handbook of the I-T-E circuit breaker. This consists of more than 200 pages, 5 x 9 inches in size, bound in cloth and thoroughly indexed. It is stated that matter placed in this handbook has been selected with the idea of making it useful both to the consulting and operating engineer. The company has been established more than twenty-five years, and for practically all of this time has been engaged in the manufacture of apparatus bearing its name.

The Circuit breaker, as it is known the world over, is, it is stated, in no small measure the result of this concern's efforts. It is claimed that the Cutter company was the first to see the possibilities of the apparatus in question, and that the types, standard rates and adjustments originated or adopted by it have become the standards of the electrical world. In the design of this company's apparatus, it has been the constant aim, according to statements made in the handbook, to combine strength and simplicity with a constantly increasing scope of usefulness. The handbook describes and thoroughly illustrates the line of products manufactured, and full data for ordering, information that will assist in making proper selections, and other matters of interest in connection with the subject of circuit breaking, is given.

A copy of this handbook would seem to be a valuable part of an electrical engineer's equipment.

Coiling Doors and Partitions

The Grant Pulley & Hardware Company, 3 W. 29th street, New York City, has recently issued a folder describing and illustrating types of rolling doors and coiling partitions which are two of its products.

The doors coil vertically and partitions horizontally. By reason of the many convenient combinations which may be obtained by their adoption, resulting in an economical use of floor space, they are adapted for

use in churches, schools, Y. M. C. A. buildings, clubhouses, hotels, etc. Both doors and partitions are made of any of the woods available in the market, are finished in accordance with the architects' specifications, and are provided with hardware to match other hardware in the building.

The vertical doors are constructed of $\frac{3}{4}$ inch thick slats, those of the horizontal partitions are $\frac{1}{2}$ inch in thickness. Vertical doors require no posts or mullions for guides, so that when the closures are coiled away in the pockets they leave the opening free from obstruction.

A special adaptation of these vertical and horizontal rolling partitions is for use in wardrobes. These are furnished and equipped with hat shelves, clothing racks, wardrobe hooks, racks for rubbers and umbrella holders. The Standard Vertical Wardrobe is 14 feet long, 2 feet 4 inches deep, and 7 feet high. The Standard Horizontal Wardrobe is 12 feet long, and of same depth and height as the vertical.

It is stated that these wardrobes are designed especially for use in school buildings; that each fixture will accommodate fifty pupils. When placed in the clothes room or corridor, a considerable saving in floor space is said to be effected. Wardrobes of special sizes can be made to suit any specific requirement.

Further information concerning any of these products, or a copy of the folder referred to, will be furnished upon request.

Freed Heaters

The Freed Heater Company, Inc., 290 Broadway, New York City, have just issued Catalogue No. 7, which supersedes previous issues, and is devoted to a description of the Freed Vertical and Round Sectional Heaters.

These heaters, whether designed for steam or hot water, are claimed to stand for the highest type in both efficiency and service. They are said to be simple in construction, and easy to operate. The vertical type is of a form which makes it possible to add to the size of the heater at any time desired, should

alterations or additions be made in a building resulting in the requirement of a greater capacity. The Crown sheet construction is used, exposing heating surfaces to the direct action of the fire, by which it is claimed that a maximum of heat is obtained from a given amount of fuel consumed. The heated gases of combustion strike, it is stated, directly on the water ways, and entirely surround them before reaching the smoke flue. A further advantage, according to the statements made, is the long direct-indirect flue, which is designed to retain the heat in the heater for the greatest length of time, and extract all possible heat from the combustion of the fuel and gases before their escape through the chimney.

Two other products manufactured by this company are the Jacfred water heater and Jacfred Flat Top Laundry Stove. Both of these are claimed to be the best of their types.

The catalogue referred to, which may be had upon request, gives specifications for the various types and sizes of heaters shown, together with prices and other data of interest to those writing specifications for the heating equipment of buildings.

Bostwick Products

The Bostwick Steel Lath Company, Niles, O., has recently published a pamphlet of some twenty odd pages, illustrating and describing the building products manufactured by it. These consist of Trus Loop lath, Metal Corner Beads, Diamond A Expanded Metal lath, Bostwick Metal Wall Plugs and Bostwick Metal Wall Ties.

The most important of these products, as considered by the manufacturer, is the Trus-Loop metal lath. It is described as a material of unusual quality and efficiency, made of the finest raw materials, heavier and stronger structurally than other types of lath. It is stated that the whole sheet of metal is used, nothing being stamped or cut out, as it is simply rolled in a manner to form loops, which are made into what are described as miniature trusses, at regular intervals. These trusses also are designed to produce keys upon which the plaster or mortar will

lock. After the lath is rolled, each sheet is painted and allowed to dry for two days before shipping and each bundle is marked with a tag designed to protect buyers from imitations or substitutes.

The advantages claimed for "Bostwick Trus-Loop" metal lath are,—that its rigidity makes possible the placing of studding further apart than is feasible with other types of lath, effecting a saving in lumber and framing, and that a saving in mortar or plaster is also accomplished by reason of the form of lath through which a minimum amount of mortar is forced to form the key. Standard weight of lath is five pounds per square yard; special for stucco, eight pounds per square yard.

The corner bead is said to present a true and rigid edge, affording absolute protection to projecting corners; to provide a thorough grip or clinch for the plaster, and to carry supporting clips of sufficient length to give a good bearing and attachment to the walls.

The Bostwick Metal Wall plug is a device set in a brick, stone, or cement wall to receive the nail which secures the interior finish or grounds to the wall. It has been produced to meet the demand for an attachment into which nails can be driven easily, and yet will be held with a secure grip. It is stated that the plug is easily set; that when the cement or plaster hardens it is impossible to withdraw it, and that the jaws or arms are rigid enough to become a part of the wall, still retaining sufficient flexibility to permit nails being driven between the jaws. The surfaces of the plug are corrugated, giving it an immovable grip on the nail, and perfect adhesion to the mortar or cement joint. The plug is manufactured from 22 gauge iron to insure strength and durability.

The Bostwick Wall Ties are also said to be made of 22 gauge metal heavily galvanized, to furnish a tie that is unusually efficient. They consist of corrugated strips of metal of sufficient length to tie any course of face brick work. Ashlar stone or other materials used in wall construction, to the body of the wall.

The pamphlets and samples of Bostwick products will be sent to architects upon application.

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its natural reservoir, until required at the faucet. The system is automatic in operation. The compressed air acts as a piston head on the upper surface of the water in the working chamber and produces a practically uniform pressure at every faucet. The compressed air is used only in proportion to the water withdrawn, and its use is therefore controlled by the opening and closing of the faucet. The power plant for air compressing may be located in the house, garage or basement of any building, and at any reasonable distance from the spring or well, so that no special pump house need be built over the well. The convenience of locating the operating machinery without reference to the well is one that will doubtless be appreciated. The motive power may be electricity or gasoline. Electrically operated equipments are supplied with an automatic starting and stopping controller, so that attendance is reduced to an occasional oiling and cleaning of the machinery.

The booklet referred to, which gives a great deal of data concerning various equipments including prices and capacities, may be had upon application.

Hy-Rib Handbook

The thirteenth edition of the Hy-Rib handbook, published by the Trussed Concrete Steel Company, Detroit, Mich., has just been received from the printer. This apparently represents the most comprehensive and complete handbook on Hy-Rib and metal lath products that has yet been produced.

The publication includes the advantageous features and information contained in previous editions, and in addition thereto many valuable and important features that are new. All the various types of Hy-Rib are shown with their applications to different types of construction. Specifications and reading matter have been completely revised, to include and conform to the most recent developments and improvements. Photographs of installations are particularly

comprehensive, including many new applications.

Illustrations and information on pressed steel studs and Kahn pressed steel construction, as well as the floretyle construction, have been added.

Architects will find this Hy-Rib handbook a valuable addition to their technical libraries. It will be sent free to interested parties.

Marsh Valves

The Marsh Valve Company, Erie, Pa., issues a folder of sixteen pages, devoted to illustrations and data descriptive of the Marsh Union Bonnet Double Seat Valves, designed particularly for schools and public buildings.

It is stated that in assembling these valves no white lead or cement is used, as is customary with bonnets screwed into the body, in order to seal same; the union nut being easily removed, makes it a very simple matter to remove the bonnet without disfiguring or destroying same, when it is necessary to renew the lower disc. A perfect and positive seal against leakage around stem or out through stuffing-box is said to be secured, when valve is open.

It is stated that all Marsh valves are finished with a gland or follower in the stuffing-box, which is claimed to be the strongest known construction for high pressure work. This provides a seal against leakage around stem should valve be left in a semi-open position.

The Marsh Valve Company guarantees all its valves to be steam tight for pressures claimed, free from defects in materials or workmanship, and agree to repair or furnish, without charge, a new valve for any of its valves returned which are not steam tight, or which are defective in material or workmanship.

A great deal of data and information concerning these valves, their dimensions, prices, etc., is given in this folder, which will be sent to any one upon request.

BUILDING NEWS

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

ALABAMA

EUFULA, ALA.—At a recent meeting, the congregation of the First Methodist Episcopal Church discussed the matter of erecting a new church or repairing and remodeling the old edifice. A definite decision was not reached.

ARKANSAS

ARKANSAS CITY, ARK.—The New Era Milling Company has purchased the Clark property east of its plant, and it has been stated by A. H. Hunt, president of the company, that it is the intention of the company to build in the spring. New improvements planned will cost in the neighborhood of \$60,000.

CONNECTICUT

BRIDGEPORT, CONN.—Architects Skinner & Walker, 1188 Main street, have completed plans for the proposed new \$150,000 almshouse, and bids will be received by the Board of Contract and Supply until noon, February 1, 1915.

BRIDGEPORT, CONN.—Plans for the new Lakeview home have been presented to the board of charities, and the board of contract and supply is advertising for bids on the construction of the new building, which will cost about \$150,000.

NEW BRITAIN, CONN.—It is reported that the Hopkins Brewing Company, which recently purchased the Russell property on East Main street, is considering the erection of a new and modern structure on the site of the present building.

WINSTED, CONN.—Architect E. E. Benedict, 51 Leavenworth street, Waterbury, is preparing plans for a new residence to be erected here for J. S. Frazee, of Brooklyn, N. Y.

DELAWARE

WILMINGTON, DEL.—Architect Wallace Eugene Hance, 204 W. 24th street, this city, has been commissioned to prepare plans for a new theatre building on the site of the Avenue Theatre, for Mrs. Lulu Baldt, of Philadelphia. Cost, \$50,000.

Aaron Keil has engaged Architect Wallace Eugene Hance, 204 W. 24th street, this city, to prepare plans for the interior finish of building now being erected at 15th and Orange street, this city, to be used as display rooms by John Hughes Co.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—Bids for the construction of the new Park View school building, to cost \$132,000, will be requested early in January.

Plans have been prepared at the office of the Municipal Architect, for the Rosedale and Howard playground swimming pools, which are to cost \$7500.

WASHINGTON, D. C.—Plans are being prepared for the new office building for the Interior Department, which will be erected on the block bounded by E and F and Eighteenth and Nineteenth streets, northwest, for which an appropriation of \$2,500,000 has been made.

WASHINGTON, D. C.—Municipal Architect Snowden Ashford is preparing plans for a sixteen-room school building at Park View.

Plans for the fish wharves at the foot of Eleventh street, southwest, have been completed, and work will probably begin about January 15th. \$50,000 has been appropriated for this improvement.

WASHINGTON, D. C.—A chemistry building, to cost \$200,000, is to be erected for the United States Government, according to plans prepared by Architects Donn & Deming, 808 Seventh street, N. W.

GEORGIA

WAYCROSS, GA.—E. C. Hall, chief of the fire department, in his annual report to city council, will recommend that a new fire station be erected in Waycross.

ILLINOIS

ANNAWAN, ILL.—Architect Mark Hay has completed plans for a six-room and basement brick cottage for Mark and Louis M. Hay, to be erected here.

CHICAGO, ILL.—G. P. Racine, of G. P. Racine & Co., real estate brokers, has purchased the vacant property on the west side of Racine avenue, upon which he will construct an eight-story fireproof hotel building, to cost about \$175,000.

CHICAGO, ILL.—A three-apartment building is to be erected on the northwest corner of Delaware place and Seneca street, at a cost of \$25,000, Bertram M. Winston and W. Ernest Walker, 38 So. Dearborn street, architects.

ELGIN, ILL.—According to announcement made by Theodore Getzelman, of Hampshire, the Western Holstein Sales Company is to be incorporated for \$20,000, for the purpose of erecting a building to be used as sales stables, where bred Holstein cattle will be sold.

INDIANA

BROAD RIPPLE, IND.—The Midnight Sons, a club of young men, discussed, at a recent meeting, plans for the building of a new clubhouse, on the site of their present building. B. H. Steeg is president of the club.

HARTFORD CITY, IND.—The city council has voted to appropriate \$32,000, for the erection of a gymnasium and auditorium in addition to the city high school building.

INDIANAPOLIS, IND.—The Fidelity Trust Company of this city will erect a seventeen-story bank building here in the near future.

LEBANON, IND.—A meeting of two hundred farmers held in the convention hall of the court house, was called recently by Irvin Wills, president of the Boone County Tomato Growers' Association, to talk over with representatives of the Ladoga Canning Company, which proposes to establish a large plant here, the prospects for the 1915 season. The proposed plant, if erected, will cost in the neighborhood of \$8000.

LOGANSPOUT, IND.—According to the will of the late George F. Johnson, who died in Mountsideside, N. J., on June 1, 1910, his residuary estate was left to this city for the erection of a free hospital.

NEW CASTLE, IND.—Andrew Carnegie will erect a \$20,000 library building in this city, on a site for this purpose, recently purchased by the citizens.

IOWA

CEDAR RAPIDS, IA.—The stockholders of the Commercial National Bank and the Commercial Trust and Savings Bank have voted to consolidate with the Cedar Rapids National Bank. A new 12-story bank building will probably be erected in the near future.

DES MOINES, IA.—A new Presbyterian hospital building is to be erected in this city. A site has not yet been selected.

DES MOINES, IOWA.—The Harris Emery Company has announced that it will erect a new and modern department store building at Seventh and Walnut streets, early in the new year. This building will cost approximately \$500,000.

KEOKUK, IA.—The sheriff's residence in the rear of the county court house will probably be remodeled or rebuilt in the early future.

KEOKUK, IOWA.—Construction of the buildings of the Johnson Electric Smelting Company will probably be started about the first of March, according to statement of T. F. Hudson, representative of the company here.

MASON CITY, IOWA.—Dr. W. J. Egloff of this city, who owns the property at the southeast corner of State and Washington streets, has offered to erect a building such as the city would require for all its offices, police station, etc.

WILTON JUNCTION, IOWA.—It has been decided by the school board of this city to call a special election for the purpose of voting bonds in the amount of \$27,000, for the remodeling of the old school building.

KANSAS

DODGE CITY, KANS.—Father Handley of New York City is in this city to take charge of a campaign for a new Catholic church, to cost \$15,000.



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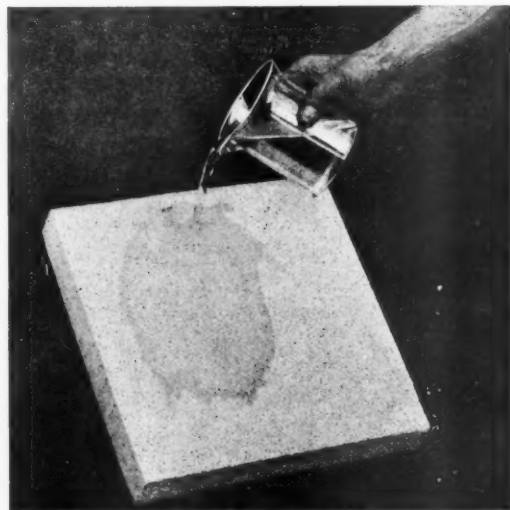


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Sales Office: Farmers Bank Bldg., PITTSBURGH, PA.
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CHANUTE, KAN.—Bids for the construction of the new post office building here will be received at 3:00 P. M., January 29, 1915, according to plans prepared by Supervising Architect O. Wenderoth, Washington, D. C. Structure will be located at the corner of Elm street and Lincoln avenue, east of the Santa Fe station park.

TOPEKA, KAN.—Architect Thomas W. Williamson, 735 Kansas avenue, has prepared plans for a new edifice for the congregation of the Euclid Avenue Methodist Episcopal Church. New building will cost about \$25,000.

KENTUCKY.

LOUISVILLE, KY.—The Citra Cola Manufacturing Company has been incorporated with \$250,000 capital stock, to construct a bottling plant.

LOUISVILLE, KY.—W. T. Pyne & Company, Frederick W. Hardwick, president, has purchased through Edward F. Metzner, real estate agent, 709 Inter-Southern building, some property in this city. The buildings on the property will be utilized by the new owners, and a new steel structure will also be erected, as a factory for their structural iron business.

LOUISVILLE, KY.—It is announced that a new \$400,000 bank building will be erected at the corner of Fifth and Jefferson streets, this city, some time in the near future.

MARYLAND.

BALTIMORE, MD.—The Frank Novalk Realty Company has purchased some property from the Baltimore Brick Company, upon which to erect 61 two-story brick dwellings.

The Canton Company is having plans prepared for the erection of a warehouse. A site for this building has not yet been selected.

BALTIMORE, MD.—The Townsend-Grace Company, at 209-211 West Fayette street, will shortly enlarge its plant, according to plans which are now being prepared by Architect Joseph Evans Sperry, Calvert building. Improvement will probably cost \$100,000.

The Gressit-Laws Company has purchased the warehouse at 13 and 15 W. Conway street from Swift & Co., through Talbot D. Jones, broker. After alterations it will be used for the storage of produce and canned goods.

BALTIMORE, MD.—Architect Charles R. Callis, Jr., 55 Knickerbocker building, has prepared plans for a packing house for the Consolidated Beef and Products Company, Exeter and Lombard streets, to cost \$20,000.

MASSACHUSETTS

BEDFORD, MASS.—Mrs. Cordelia Vien of this city, is endeavoring to purchase the property in South Water street, between Division and Cove streets, owned by Daniel McAuliffe, upon which to erect a four-story hotel building.

BOSTON, MASS.—Lester H. Stanley has purchased the property at 9, 11 and 13 Albany street, and will erect a six-story mercantile structure thereon. Guy Tobey and Victor Kaufman represented Mr. Stanley in this transaction.

DORCHESTER, MASS.—The Grocers' Baking Company has purchased some property on East Cottage street, this city, and will construct a new bakery building early in the new year.

HAVERHILL, MASS.—Rev. Fr. John J. Graham, of St. James Church, plans to erect a new parochial residence in the spring. New residence will be erected on Cottage and William streets.

SOUTHAMPTON, MASS.—The Methodist church building here, recently destroyed by fire, will probably be rebuilt shortly. Rev. H. J. Watling is pastor of this church.

WALTHAM, MASS.—The new insane hospital building will be erected on 281 acres of land on the north side of Trapelo road, Waltham, Belmont and Lexington. This matter was settled by the Executive Council and Governor Walsh.

MICHIGAN.

DETROIT, MICH.—Architect Albert Kahn, 58 Lafayette building, has prepared plans for a new bank building for the Detroit Trust Company here.

ELOISE, MICH.—Plans for an apartment house, an icehouse and a tuberculosis sanitarium, to be erected by the poor commission here, are being prepared by Architects Baxter, O'Dell & Halpin, Hammond Bldg., Detroit. Cost will be about \$15,000.

KALAMAZOO, MICH.—Harry Waterman and Charles Palmer, who built the Elite theatre in this city, are re-

ported to be interested in the erection of a new theatre building, to be located on North Burdick street near Frank street.

MICHIGAN CITY, MICH.—The old brick depot building belonging to the Michigan Central Railway here was completely destroyed by fire recently. It is thought that a new modern structure will be erected shortly.

SAGINAW, MICH.—The Saginaw Hippodrome Amusement Company has been incorporated for \$150,000, and the corporation plans to erect a theatre building.

MINNESOTA.

MADISON, MINN.—A new county sanitarium is to be erected here, at a cost of about \$60,000. The State Board of Control will soon award the contract for this structure.

ST. PAUL, MINN.—A new union station, to cost about \$12,000,000 is to be erected in this city jointly by all railroads entering the city.

ST. PAUL, MINN.—The new Carnegie library building is soon to be erected in St. Anthony Park. The members of the St. Anthony Park Improvement League have succeeded in securing the necessary funds for this structure.

Architect A. H. Stem, Endicott building, is preparing plans for the proposed new building for the St. Paul Athletic Club. Building is to be erected on the old Union block at Fourth and Cedar streets, at a cost of \$400,000.

MISSISSIPPI.

COLUMBIA, MISS.—A new Agricultural High School building will probably be erected a mile and a half from this city, for Marion County. State Superintendent of Education W. H. Smith, of Jackson, is much interested in this project.

MISSOURI.

ST. LOUIS, MO.—The Hub Furniture Company has leased the seven-story building at the northwest corner of Washington avenue and Ninth street. The structure will be remodeled, and the company will move its business into the building about the first of March.

ST. JOSEPH, MO.—It has been announced by the Bee Hat Company that plans have been prepared by Architects Eckel & Aldrich, Corby-Forsee Bldg., for a new building to be erected on the site of the present store.

NEBRASKA.

CAMPBELL, NEB.—Plans have been completed by Architects C. W. Way & Company, Hastings, for the erection of a new school building here in the spring. Cost will be about \$16,000.

NEW HAMPSHIRE.

PORTSMOUTH, N. H.—It is understood that the Coast Artillery branch of the army is planning for the erection of a new storehouse for military equipment in the Portsmouth Coast Artillery District. It has not yet been decided where this building will be located.

NEW JERSEY.

CAMDEN, N. J.—The R. M. Hollingshead Company of this city will erect two new buildings to its plant here.

An architect has not yet been selected for the Brown street school building, to be erected in this city.

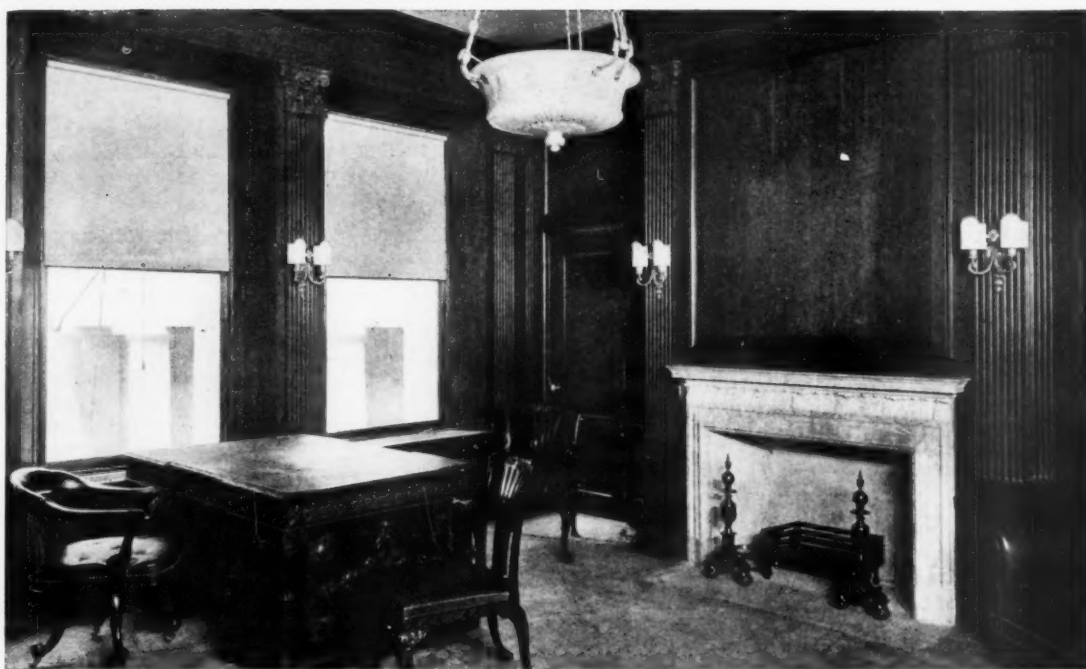
COLLINGSWOOD, N. J.—A two-and-a-half-story residence is to be erected here for C. N. Hare, to cost \$5000, according to plans prepared by Architects Moffett & Stewart, Camden, N. J.

HADDONFIELD, N. J.—Architects Moffett & Stewart, Camden, N. J., are taking bids, which are due January 15th, for a residence to be erected here for John Trump.

NORTH BERGEN, N. J.—A new school building is to be erected for school No. 5, here.

PATERSON, N. J.—The Royal Dyeing Company has purchased some property at Sixth avenue and East Fifth street upon which to erect an addition to its dyeing plant next spring.

The Paterson Evangelistic Association has voted to erect a tabernacle in this city, on a site which has not yet been selected.



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NEW YORK.

BINGHAMTON, N. Y.—The Hebrews of this city are planning to build a new synagogue in this city, at a cost of between \$12,000 and \$15,000.

BROOKLYN, N. Y.—The Public Service Commission has approved plans submitted by the New York Municipal Railway Corporation for the construction of stations on the Sea Beach railroad.

Postmaster William E. Kelly has informed the members of the Gravesend Board of Trade that a new post-office sub-station would soon be erected in their vicinity. The site for this building will probably be at 1601 Gravesend avenue.

Architects Shampman & Shampman, 772 Broadway, have completed plans for a six-story apartment house to be erected on the South side of South Second street, east of Berry, for the Gover Realty Company. Cost \$48,000.

BROOKLYN, N. Y.—The Hebrew Ladies' Dispensary, 84 Cook street, is planning to establish a new Jewish hospital in the Williamsburg section. Mrs. Mary M. Harbet is president of the dispensary.

Borough President Connolly will soon request bids on plans for the proposed new disposal plant, to be erected in the Ridgewood section at a cost of \$50,000.

Plans have been completed by Architect Edward M. Adelsohn, 1776 Pitkin avenue, for the new Temple Petach Tikvah, to be erected at Lincoln place and Rochester avenue, at a cost of about \$100,000. William B. Roth is president of the congregation.

Architects Shampman & Shampman, 772 Broadway, have completed plans for an apartment building, to be erected on the north side of Lafayette avenue, east of Throop, for A. N. Bernstein.

GREECE, N. Y.—The Pennsylvania Feldspar Company's plant here, which was recently destroyed by fire, will be rebuilt shortly. F. Harry Worth is president of the company.

HEMPSTEAD, L. I., N. Y.—The town board is requesting designs for a new town hall building, to cost \$75,000.

KINDERHOOK, N. Y.—The Kinderhook Chapter of Royal Arch Masons has purchased the property on Albany avenue, as the site of a new Masonic temple.

NEW YORK CITY.—Plans for alterations, costing \$35,000, to a two-story postoffice building on Pine street, corner of Pearl, owned by the Buckhout Realty Co., 30th street and East river, have been filed by Architects Foster & Gade, 15 W. 38th street.

An addition is to be erected to the Carmine street public baths, in old Greenwich village.

NEW YORK CITY.—Penrhyn Stanlaws and Walter Russell, artists, and Harold E. Boericke, of the firm of Baruch & Co., 20 Broad street, are interested in a plan to erect a twenty-story studio hotel for artists, to be located on a site on the north side of 67th street west of Central Park West, which has been purchased from the Fullerton-Weaver Realty Company. Cost will be about \$1,350,000.

Dr. Charles V. Paterno, president of the Paterno Construction Company, has purchased through Slawson & Hobbs, the vacant property at the southwest corner of 88th street and West End avenue, upon which will be erected a thirteen-story apartment house. Cost will be about \$1,200,000.

NEW YORK CITY.—Axel A. Olsen, broker, has sold for ex-Assemblyman Marks L. Frank, to Bernard Mayer, fourteen sites on the north side of Fox street, between Prospect avenue and Avenue St. John. Mr. Mayer will improve the property with five six-story apartment buildings.

The residents of Washington Heights are anxious to secure the erection of a modern school building on a site that the city owns at 141st street and Hamilton place.

Plans have been filed by Architect W. A. Swasey, 47 W. 34th street, for alterations, costing \$30,000, to a one-story theatre building on 50th street, between Broadway and Seventh avenue, owned by the Winter Garden Company, 1640 Broadway.

Architect L. F. J. Weiher, 271 W. 125th street, has completed plans for an eight-story annex to the Ritz-Really Company's new building at 12 and 14 W. 46th street.

A five-story apartment building will be erected on the north side of Kelly street, near 163rd street, by Jacob Bluestein, according to plans prepared by Architect L. F. J. Weiher, 271 W. 125th street.

Plans have been completed by Architects Gronenberg & Leuchtag, 7 W. 22nd street, for a six-story apartment

house, to be erected by the Williams Building Corporation on the south side of 113th street, near Seventh avenue. Cost, \$65,000.

Trustees of the Cathedral of St. John the Divine have commissioned Architects Cram & Ferguson, 15 Beacon street, Boston, Mass., to prepare plans for the nave of the cathedral. Entire cost will be about \$1,000,000.

NEW YORK CITY.—Five sites on the east side of St. Nicholas avenue, south of 145th street, have been purchased by John Katzman, who will improve it with two six-story apartment houses, to cost about \$225,000. Harry Aronson, Inc., represented the buyer.

RICHMOND HILL, L. I.—The high school building here is soon to be enlarged, at a cost of about \$216,000.

ROCHESTER, N. Y.—Plans are being made for a new mill to be erected on the site of the Fieldspar mill, near Genesee docks, recently destroyed by fire.

ROCKVILLE CENTRE, L. I., N. Y.—A new nine-room school building, to cost about \$40,000, is to be erected in this city.

RYE, N. Y.—Charles F. Griffen & Co. have sold to Waldron Williams, a site on Kirby lane. The new purchaser will erect a new house on the property.

WOODHAVEN, L. I., N. Y.—The board of education will erect a new school building at Yarmouth and Shipley avenues, this place, at a cost of \$160,000.

NORTH CAROLINA.

ASHEVILLE, N. C.—Secretary of State, W. J. Bryan, has purchased ten acres of mountain land, lying within the limits of this city, upon which he contemplates erecting a summer residence.

WILMINGTON, N. C.—The supervising architect of the Treasury Department at Washington, D. C., has requested bids for the erection of quarters for the medical officers at the United States Marine Hospital in this city, which will be received until 3:00 P. M., January 14, 1915.

NORTH DAKOTA.

BISMARCK, N. D.—A bill has been introduced in the house by Representative Young, to appropriate \$50,000 for a new building and equipment at the Indian school here. J. S. Spear is superintendent of the school.

MANDAN, N. D.—A new postoffice building is soon to be erected here. John Foran is postmaster here.

MOORHEAD, N. D.—Improvements will be made to the Moorhead National Bank, at a cost of \$20,000.

John A. Gletne will erect a new residence here at a cost of \$7500.

At a cost of \$8000, a new residence will be erected in this city for Mrs. Juliet Ives.

OHIO.

ALLIANCE, O.—A new two-story brick school building will be erected at the Fairmount Children's Home here.

CARROLLTON, OHIO.—A new two-story town hall building will be erected in this city by Jesse Lucas.

CINCINNATI, O.—The Board of Directors of the Business Men's Club has approved the plans of the new Courthouse Commission, and recommended that the work of construction of a new courthouse and jail building be pushed as rapidly as possible.

CINCINNATI, OHIO.—Architect Harry Hake, Provident Bank Building, has prepared the plans for the proposed new Municipal Convention Hall Building, to be erected on the site of the old Cincinnati Hospital, at Twelfth and Plum streets. Building will cost about \$4,000,000.

CINCINNATI, O.—A new parochial school building will in all probability be erected for the parish of St. Augustine's new church.

COSHOCOTON, O.—The board of education at a recent meeting voted to erect a new six-room brick school building at the northwest corner of Fourth and Sycamore streets, at a cost of \$18,000. Plans will be prepared by Architect F. L. Packard, Hayden Bldg., Columbus.

HAMILTON, O.—A new city hall building will probably be erected here in the early future. Bonds, amounting to \$200,000 will soon be sold for this purpose.

LIMA, O.—A new building, to cost \$23,000, is to be erected at the plant of the Crystal Ice and Coal Company, McDonald street and the Pennsylvania railroad.

TOLEDO, O.—Councilman Spaulding recommended to the city council at a recent meeting that a bond issue of \$650,000 be made for the erection of a new city hall building.

TOLEDO, OHIO.—The Park Board has approved plans for the erection of three new buildings in the parks. Improvements will cost between \$15,000 and \$20,000.

KEWANEE

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SPRINGFIELD, O.—The plant of the Robbins and Myers Co., recently destroyed by fire, is soon to be rebuilt. F. McGilvray is president of the company.

YOUNGSTOWN, O.—A new school building will be erected at the northeast corner of East Madison avenue and Randall street.

YOUNGSTOWN, OHIO.—The Youngstown Ice Company is having plans prepared for a large storage building, to be erected in West Federal street.

OKLAHOMA.

OAKLAHOMA, OKLA.—A new Baptist Hospital is soon to be erected on a site at the northwest corner of Twelfth and Walker streets, this city.

YALE, OKLA.—The Twin State Oil Refining Company of this city will build an oil refinery of 2000 barrels daily capacity.

OREGON.

ELMORE PARK, ORE.—It has been reported by Rudolph E. Schloth of Rockaway, that Charles L. Lindsay of this place is preparing to erect six new houses here.

EUGENE, ORE.—At a joint meeting of the promotion board and the factory committee of the Eugene Commercial Club, a preliminary statement of the plans for a large industry which may possibly locate here, were heard.

PORTLAND, ORE.—It has been announced by Jason C. Moore, head of a New York syndicate, that he has retained J. C. Kelly of this city as consulting engineer for the \$6,000,000 manufacturing plant his syndicate proposes to erect at the junction of the Deschutes and Columbia rivers.

PENNSYLVANIA.

ABINGTON, PA.—Architect Mantle Fielding, 518 Walnut street, Philadelphia, is preparing plans for a new two-story brick Y. M. C. A. building.

CARBONDALE, PA.—A new high school building to cost \$100,000 is to be erected here, according to plans prepared by Architect E. H. Davis, Connell building, Scranton, Pa.

CHESTER, PA.—Plans have been prepared by Architect Horace Jackson, for a two-story brick warehouse, to be erected here for W. E. Headley.

CLEONA, PA.—The fire company of this place has purchased a lot of ground on Main street from John H. Long, upon which a new firehouse will be erected.

EASTON, PA.—Plans are being completed by Architects Charles W. Bolton & Sons, Witherspoon building, Philadelphia, for an astronomical laboratory here for Lafayette College.

ERIE, PA.—An addition to cost \$20,000 is to be erected to the Wayne Hotel, on West Twelfth street. Plans for this addition will be completed about January 10. V. P. Eichenlaub is proprietor of this hotel.

HARRISBURG, PA.—The members of the Curtin Methodist Church have had plans prepared by Architect George E. Savage, Witherspoon building, Philadelphia, for a new Sunday school building.

LANCASTER, PA.—Architect H. S. Estap, Publication building, Pittsburgh, is taking bids on plans for a three-story Y. M. C. A. building to be erected here.

LANGHORNE, PA.—Architect Harry Gordon McMurtrie, 1012 Walnut street, Philadelphia, has prepared plans for alterations to a two-and-a-half-story residence here.

MR. WASHINGTON, PA.—Preliminary plans for the new South Hills high school building have been prepared by Architects Alden & Harlow, Farmers' Bank building, Pittsburgh. Cost of structure will be about \$700,000.

NEW CASTLE, PA.—Plans for a new Masonic temple, to cost \$45,000, are being prepared by Architects C. C. & A. L. Thayer, Mercantile building, this city.

PALMERTON, PA.—The New Jersey Zinc Company intends to enlarge its plant here.

PHILADELPHIA, PA.—An addition to cost \$75,000 will probably be erected at the Coaldale Hospital.

Horace Groskin will purchase some property on the west side of Park avenue upon which to erect suburban residences.

Plans for three new school buildings to be erected the coming year, at a cost of \$295,000, have been completed.

Architects B. J. Medoff & Son, 524 Walnut street, are completing plans for alterations and additions to the warehouse at No. 226 North Third street for Harry H. Halpern.

Plans have been completed by Architects Mills & VanKirk, Harrison building, for alterations and an addition to the building at No. 238 So. 21st street.

Plans have been completed and bids invited by Architects Stearns and Castor, Steffen Girard building, for a one-story glass and steel addition to the children's ward of the M. E. Hospital at Broad and Wolf streets.

Architects Rankin, Kellogg & Crane, 1012 Walnut street, are preparing plans for a one-story firehouse, to cost \$20,000, to be erected at Byberry and Worthington roads.

Eighty-two residences will be erected at Frankfort avenue and Venango street for Joseph Lupowitz, 429 Snyder avenue, according to plans prepared by Architects M. J. Medoff & Son, 524 Walnut street.

PITTSBURGH, PA.—George M. Smith & Son will erect a new three-story building in the rear of their present structure at 121 West Mahantongo street, near Second.

SCRANTON, PA.—The members of Hyde Park Lodge, No. 339, F. and A. M., are endeavoring to raise funds with which to erect a new temple.

SCRANTON, PA.—The Scranton Industrial Development Company, and the Traders' National Bank of Scranton, will finance the erection of a large plant here for the MotoKart Company of New York.

SOUDERTON, PA.—Alterations will be made to a garage here owned by Walter L. Martin, according to plans which have been prepared by Architect W. I. Purty, Philadelphia.

WESTCHESTER, PA.—Architects Furness Evans Co., Philadelphia, have prepared plans for an addition to the Chester County Hospital, this city. Cost \$80,000.

WILKES-BARRE, PA.—A new two-story brick and stone school building, to cost \$60,000, will be erected here in accordance with plans prepared by Architect Owen McGlynn, Simon Long building, this city.

SOUTH DAKOTA.

SIoux FALLS, S. D.—A new \$75,000 temple will be erected here in the spring by the Lodge of Elks.

TENNESSEE.

NASHVILLE, TENN.—The property at the southwest corner of Fourth avenue and Union street has been leased by N. B. Shyer, from Mrs. Jennie Brown, owner. The lessee will erect a two-story building on the site.

TEXAS.

AUSTIN, TEXAS.—Plans are now being prepared for the remodeling of the Hancock Opera House. Cost will be about \$25,000.

AUSTIN, TEX.—Several business men of this city are endeavoring to organize a \$25,000 company, to start a knitting mill here. E. A. Orchard is head of this project.

FORT WORTH, TEXAS.—The erection of a new post office building, to cost between \$500,000 and \$750,000, is in contemplation here.

FORT WORTH, TEX.—Fort Worth Aerie, No. 62, Fraternal Order of Eagles, contemplate the erection in the near future of a modern home for the use of the lodge.

HOUSTON, TEX.—Mrs. Pauline Wolff will erect a fireproof building to cost about \$60,000, on the site occupied by the Krupp & Tuffy store, recently destroyed by fire.

WISCONSIN.

MILWAUKEE, WIS.—A Customs appraiser's store, to cost \$100,000, will be erected in this city.

WYOMING.

WORLAND, WYO.—The Worland Light and Power Company is planning to rebuild its plant in this city. A Mr. Block, of Denver, is secretary of this company.

UTAH.

BRIGHAM CITY, UTAH.—Architect L. W. Leete, Salt Lake City, has prepared plans for a new motion picture theatre to be erected on Main street, between Forest and First South streets, this city.

WEST JORDAN, UTAH.—A proposition to erect a sugar factory in Salt Lake county was discussed recently by J. W. McHenry, chairman of the affiliated Commercial Clubs of this county and Harden Bennion, secretary of the state board of equalization.

VIRGINIA.

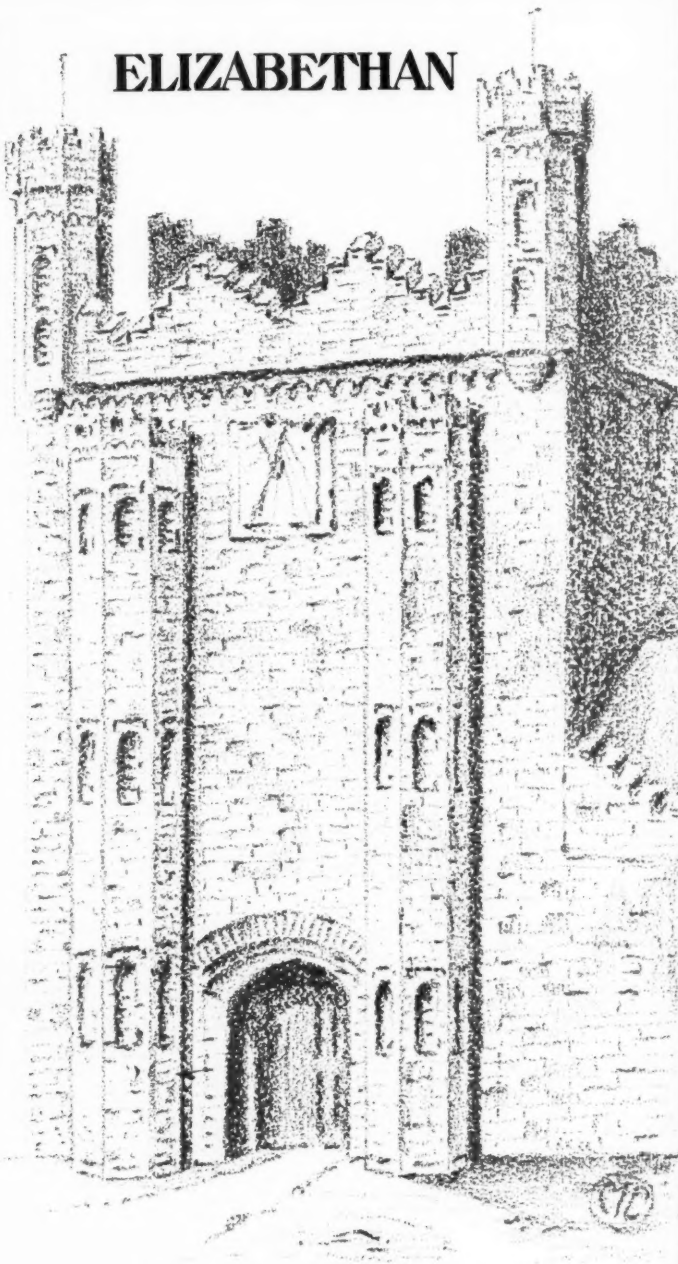
NORFOLK, VA.—An annex is to be erected to the Patrick Henry school in this city. This was decided at a recent meeting of the Patrick Henry (Atlantic City No. 1) Public School League.

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BUILDING NEWS

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

ALABAMA.

HUNTSVILLE, ALA.—It has been announced that Miss Mary Virginia McCormick, a resident of this place, has given \$30,000, to be expended in the erection of a Young Men's Christian Association building and a new school-house at West Huntsville.

ARIZONA.

PHOENIX, ARIZ.—The Park View Place, owned by C. E. Randolph, will probably be converted into a sanitarium in the early future. This sanitarium, when completed, will be run under the direction of Dr. George H. Woodall.

CALIFORNIA.

BEVERLY HILLS, CAL.—Architects Hunt & Burns, Langblin building, Los Angeles, have prepared preliminary plans for a new residence to be erected here for Henry D. Lombard of Beverly. Cost will be about \$50,000.

CHATHAM, CAL.—Bonds amounting to \$34,000 have been voted for the erection of a new school building here.

GARYANZA, CAL.—The new high school building is to be erected on the Irvington Place site, located between Avenue Fifty-four and Avenue Fifty-six, and between Irvington Place and Baltimore street.

LOS ANGELES, CAL.—E. S. Williamson, 728 Story building, is preparing plans for a two-story frame and plaster flat building which will be erected on Fourth avenue, near Pico street, for Mrs. Jansen. Cost, \$7500.

LOS ANGELES, CAL.—Plans are being prepared for a new residence to be erected on Windsor boulevard and Fourth street for Mr. and Mrs. James Rathwell Page.

MANZANITA, CAL.—The school board of this place will erect a new concrete school building.

PALO ALTO, CAL.—The board of school trustees of this place have selected Architects Allison & Allison, Exchange building, Los Angeles, to prepare plans for the new polytechnic high school building to be erected in this city. A group of four buildings is contemplated, to cost \$150,000.

PASADENA, CAL.—Architect Reginald D. Johnson, Staats building, has completed plans for the new residence to be erected at the corner of Oakland and Alpine streets for Joseph Caunt.

W. H. Warner, of 244 Flower street, this city, has had plans prepared by Architect R. C. Ferguson, Los Angeles, for the erection of a two-story frame and plaster apartment building to be erected on Lake street, South Pasadena. Cost will be about \$17,000.

Plans are being prepared by Architects Eisen & Son, Wilcox building, Los Angeles, for the addition of a second story of five rooms and sleeping porch to the residence of E. J. Gates, South Pasadena.

RICHMOND, CAL.—An Odd Fellows' Association is being formed in this city, for the purpose of selecting a site for a new building in which the lodges of the city can gather. This matter was discussed at a recent meeting held at the home of R. E. Redmond, 565 Sixth street. Claude Clark is president of the new association.

RIVERSIDE, CAL.—Dean Hunt of the College of Agriculture, at the University of California, is much interested in the new citrus experiment station to be established in this city. Plans for this improvement have not yet been made.

RIVERSIDE, CAL.—The new Graduate School of Tropical Agriculture is to be erected here. The committee which selected this site was composed of Rudolph Taussig, A. L. Scott and James Mills.

SACRAMENTO, CAL.—The new City Hall of Justice building will soon be erected at Sixth and H streets, at a cost of \$225,000.

SAN FRANCISCO, CAL.—Mrs. Rolph, of this city, owner of the old International Hotel at Virginia City, which was recently destroyed by fire, is planning the erection of a two or three-story building on the same site.

SAN FRANCISCO, CAL.—It is reported by Architects Rousseau & Rousseau, Monadnock building, that preliminary plans have been accepted for the erection of a six-story steel frame apartment de luxe building to be erected in Post street, near Hyde.

The board of supervisors have ordered that the Board of Public Works call for bids at once on the construction of the new wing at the San Francisco Hospital. This improvement will cost about \$70,000.

Architect Charles J. Rousseau, Monadnock building, is preparing plans for three dwellings which are to be erected on the west side of Broderick street, between Green and Filbert streets. This property is owned by Matthew Little. Houses will cost between \$10,000 and \$15,000 each.

SAN JOSE, CAL.—The Young Women's Christian Association will have a new home at the southeast corner of second and San Antonio streets. The old structures on the property are now being razed to make way for the new building.

STOCKTON, CAL.—Lodge of Moose of this city is to have a \$100,000 five-story home on the Wilhoit property on the west side of San Francisco street, between Main and Market streets. Building will cost between \$60,000 and \$75,000.

STOCKTON, CAL.—At a recent meeting of the directors of the Stockton Savings Bank, plans were discussed for a new building, to be erected on the bank's property at the southeast corner of Main and Sutter streets, now occupied by Rosenbaum's store. George E. Catts is president of the bank.

WATTS, CAL.—This place is to have a new grammar school building, to cost \$30,000, according to plans prepared by Architects Tuttle & Angel, 619 Delta building, Los Angeles.

WINTERS, CAL.—A new high school building, to cost \$50,000, will probably be erected soon to replace the old structure recently burned.

CONNECTICUT.

BRIDGEPORT, CONN.—Architect Joseph W. Northrop, Commonwealth Exchange Building, is preparing plans for the erection of two attractive houses on North avenue and Wood avenue.

BRIDGEPORT, CONN.—Representatives of the Ford Motor Company of Detroit have been in this city looking around for a suitable site upon which to erect a new factory building for this company.

HARTFORD, CONN.—Architect W. P. Crabtree, First National Bank building, New Britain, has prepared plans and will advertise for bids for the construction of the new vocational high school building, for this city. Bids are due January 20.

ROCKVIEW, CONN.—A residence will be erected here for F. H. Simonds.

WATERBURY, CONN.—Dennis M. Havican, 78 Wall street, will erect a new house at the corner of Wall street and Wall avenue.

WATERBURY, CONN.—An appropriation of \$40,000 has been made for the enlargement of the Federal building in this city.

DELAWARE.

MT. CUBA, DEL.—At a recent meeting of the Mt. Cuba Game Protective Association, the matter of consolidating the Walnut Green and Diamond school districts and erecting a new graded school near here to replace them, was discussed.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—An appropriation of \$66,000 will probably be made for the enlargement of the Powell school building.

WASHINGTON, D. C.—Architects Hunter & Bell, 1421 H street northwest, have completed preliminary plans for

SPRINGFIELD, O.—The plant of the Robbins and Myers Co., recently destroyed by fire, is soon to be rebuilt. F. McGilvray is president of the company.

YOUNGSTOWN, O.—A new school building will be erected at the northeast corner of East Madison avenue and Randall street.

YOUNGSTOWN, OHIO.—The Youngstown Ice Company is having plans prepared for a large storage building, to be erected in West Federal street.

OKLAHOMA.

OKLAHOMA, OKLA.—A new Baptist Hospital is soon to be erected on a site at the northwest corner of Twelfth and Walker streets, this city.

YALE, OKLA.—The Twin State Oil Refining Company of this city will build an oil refinery of 2000 barrels daily capacity.

OREGON.

ELMORE PARK, ORE.—It has been reported by Rudolph E. Schloth of Rockaway, that Charles L. Lindsay of this place is preparing to erect six new houses here.

EUGENE, ORE.—At a joint meeting of the promotion board and the factory committee of the Eugene Commercial Club, a preliminary statement of the plans for a large industry which may possibly locate here, were heard.

PORTLAND, ORE.—It has been announced by Jason C. Moore, head of a New York syndicate, that he has retained J. C. Kelly of this city as consulting engineer for the \$6,000,000 manufacturing plant his syndicate proposes to erect at the junction of the Deschutes and Columbia rivers.

PENNSYLVANIA.

ABINGTON, PA.—Architect Mantle Fielding, 518 Walnut street, Philadelphia, is preparing plans for a new two-story brick Y. M. C. A. building.

CARBONDALE, PA.—A new high school building to cost \$100,000 is to be erected here, according to plans prepared by Architect E. H. Davis, Connell building, Scranton, Pa.

CHESTER, PA.—Plans have been prepared by Architect Horace Jackson, for a two-story brick warehouse, to be erected here for W. E. Headley.

CLEONA, PA.—The fire company of this place has purchased a lot of ground on Main street from John H. Long, upon which a new firehouse will be erected.

EASTON, PA.—Plans are being completed by Architects Charles W. Bolton & Sons, Witherspoon building, Philadelphia, for an astronomical laboratory here for Lafayette College.

ERIE, PA.—An addition to cost \$20,000 is to be erected to the Wayne Hotel, on West Twelfth street. Plans for this addition will be completed about January 10. V. P. Eichenlaub is proprietor of this hotel.

HARRISBURG, PA.—The members of the Curtin Methodist Church have had plans prepared by Architect George E. Savage, Witherspoon building, Philadelphia, for a new Sunday school building.

LANCASTER, PA.—Architect H. S. Estap, Publication building, Pittsburgh, is taking bids on plans for a three-story Y. M. C. A. building to be erected here.

LANGHORNE, PA.—Architect Harry Gordon McMurtrie, 1012 Walnut street, Philadelphia, has prepared plans for alterations to a two-and-a-half-story residence here.

MT. WASHINGTON, PA.—Preliminary plans for the new South Hills high school building have been prepared by Architects Alden & Harlow, Farmers' Bank building, Pittsburgh. Cost of structure will be about \$700,000.

NEW CASTLE, PA.—Plans for a new Masonic temple, to cost \$45,000, are being prepared by Architects C. C. & A. L. Thayer, Mercantile building, this city.

PALMERTON, PA.—The New Jersey Zinc Company intends to enlarge its plant here.

PHILADELPHIA, PA.—An addition to cost \$75,000 will probably be erected at the Coaldale Hospital.

Horace Groskin will purchase some property on the west side of Park avenue upon which to erect suburban residences.

Plans for three new school buildings to be erected the coming year, at a cost of \$295,000, have been completed.

Architects B. J. Medoff & Son, 524 Walnut street, are completing plans for alterations and additions to the warehouse at No. 226 North Third street for Harry H. Halpern.

Plans have been completed by Architects Mills & VanKirk, Harrison building, for alterations and an addition to the building at No. 238 So. 21st street.

Plans have been completed and bids invited by Architects Stearns and Castor, Steffen Girard building, for a one-story glass and steel addition to the children's ward of the M. E. Hospital at Broad and Wolf streets.

Architects Rankin, Kellogg & Crane, 1012 Walnut street, are preparing plans for a one-story firehouse, to cost \$20,000, to be erected at Byberry and Worthington roads.

Eighty-two residences will be erected at Frankfort avenue and Venango street for Joseph Lupowitz, 429 Snyder avenue, according to plans prepared by Architects M. J. Medoff & Son, 524 Walnut street.

PITTSBURGH, PA.—George M. Smith & Son will erect a new three-story building in the rear of their present structure at 121 West Mahantongo street, near Second.

SCRANTON, PA.—The members of Hyde Park Lodge, No. 339, F. and A. M., are endeavoring to raise funds with which to erect a new temple.

SCRANTON, PA.—The Scranton Industrial Development Company, and the Traders' National Bank of Scranton, will finance the erection of a large plant here for the MotoKart Company of New York.

SOUDERTON, PA.—Alterations will be made to a garage here owned by Walter L. Martin, according to plans which have been prepared by Architect W. I. Purly, Philadelphia.

WESTCHESTER, PA.—Architects Furness Evans Co., Philadelphia, have prepared plans for an addition to the Chester County Hospital, this city. Cost \$80,000.

WILKES-BARRE, PA.—A new two-story brick and stone school building, to cost \$60,000, will be erected here in accordance with plans prepared by Architect Owen McGlynn, Simon Long building, this city.

SOUTH DAKOTA.

SIOUX FALLS, S. D.—A new \$75,000 temple will be erected here in the spring by the Lodge of Elks.

TENNESSEE.

NASHVILLE, TENN.—The property at the southwest corner of Fourth avenue and Union street has been leased by N. B. Shyer, from Mrs. Jennie Brown, owner. The lessee will erect a two-story building on the site.

TEXAS.

AUSTIN, TEXAS.—Plans are now being prepared for the remodeling of the Hancock Opera House. Cost will be about \$25,000.

AUSTIN, TEX.—Several business men of this city are endeavoring to organize a \$25,000 company, to start a knitting mill here. E. A. Orchard is head of this project.

FORT WORTH, TEXAS.—The erection of a new post office building, to cost between \$500,000 and \$750,000, is in contemplation here.

FORT WORTH, TEX.—Fort Worth Aerie, No. 62, Fraternal Order of Eagles, contemplate the erection in the near future of a modern home for the use of the lodge.

HOUSTON, TEX.—Mrs. Pauline Wolff will erect a fire-proof building to cost about \$60,000, on the site occupied by the Krupp & Tuffy store, recently destroyed by fire.

WISCONSIN.

MILWAUKEE, WIS.—A Customs appraiser's store, to cost \$100,000, will be erected in this city.

WYOMING.

WORLAND, WYO.—The Worland Light and Power Company is planning to rebuild its plant in this city. A Mr. Block, of Denver, is secretary of this company.

UTAH.

BRIGHAM CITY, UTAH.—Architect L. W. Leete, Salt Lake City, has prepared plans for a new motion picture theatre to be erected on Main street, between Forest and First South streets, this city.

WEST JORDAN, UTAH.—A proposition to erect a sugar factory in Salt Lake county was discussed recently by J. W. McHenry, chairman of the affiliated Commercial Clubs of this county and Harden Bennion, secretary of the state board of equalization.

VIRGINIA.

NORFOLK, VA.—An annex is to be erected to the Patrick Henry school in this city. This was decided at a recent meeting of the Patrick Henry (Atlantic City No. 1) Public School League.

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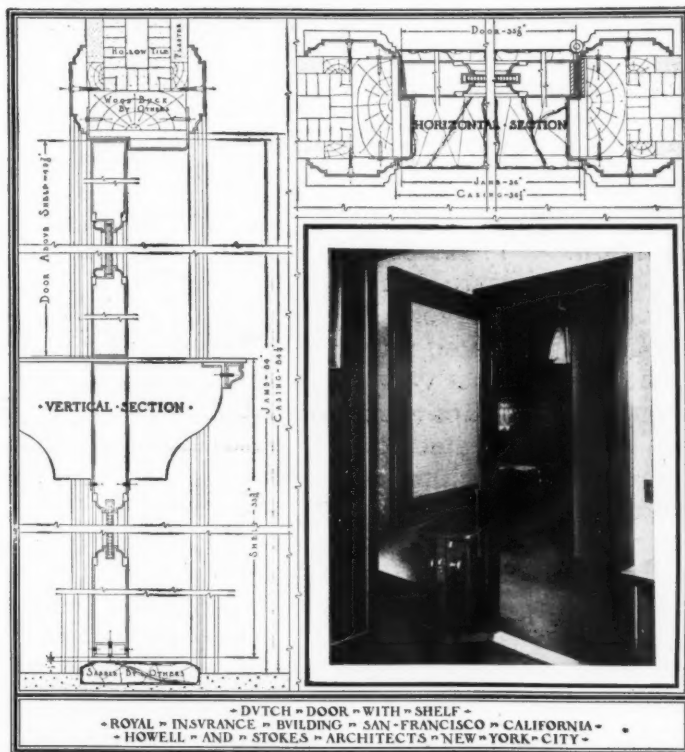
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INDEXES

Pope, in "The Dunciad," remarks, "How index-learning turns no student pale, yet holds the eel of science by the tail." And a certain college professor said to his classes, "Don't try to make your mind an encyclopedia—make it an index. Don't try to remember everything—but learn where to find what you want—when you want it." These pages in "The American Architect" devoted to advertising constitute an illustrated index to what the architect wishes to know. Or perhaps a better simile is an illustrated concordance, with references to sources of more complete information. The manufacturers who use these pages for their announcements have a larger, more interesting story for the architect than they can present in this limited space—a story of professional interest to every architect. The "index-learning" here presented will "turn no student (of architecture) pale", yet it certainly will assist the studious, progressive architect "to hold the eel of (architectural) science by the tail."

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TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., December 31, 1914.—Sealed proposals will be opened in this office at 3 p. m., February 18, 1915, for the extension and remodeling (including mechanical equipment, interior lighting fixtures, and approaches) of the United States post office and courthouse at Lincoln, Neb. Drawing and specifications may be obtained from the custodian at Lincoln, Neb., or at this office, in the discretion of the Supervising Architect, O. Wenderoth, Supervising Architect. (2037-8)

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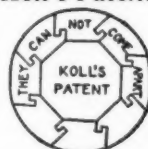
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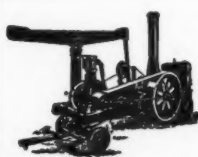
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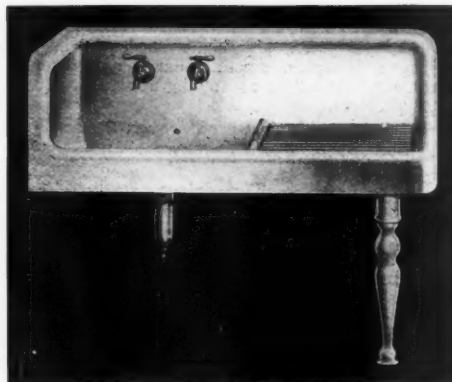


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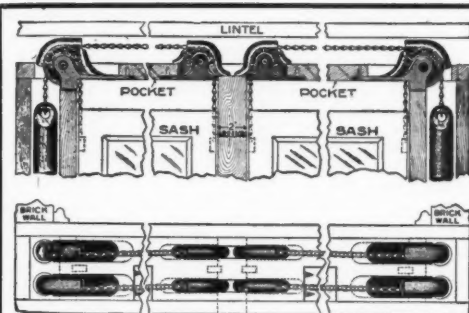


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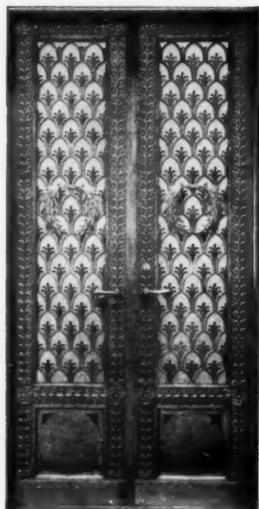


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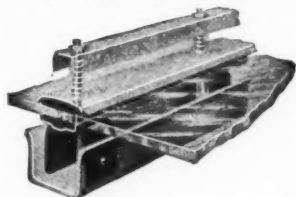
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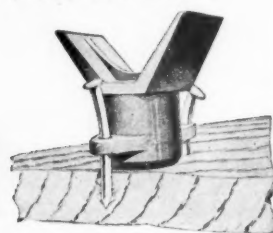
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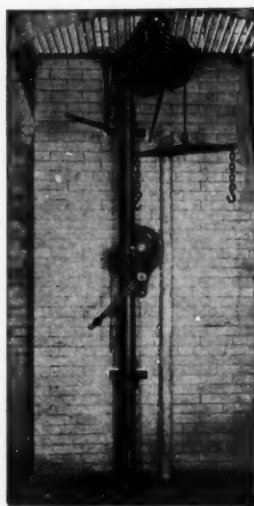
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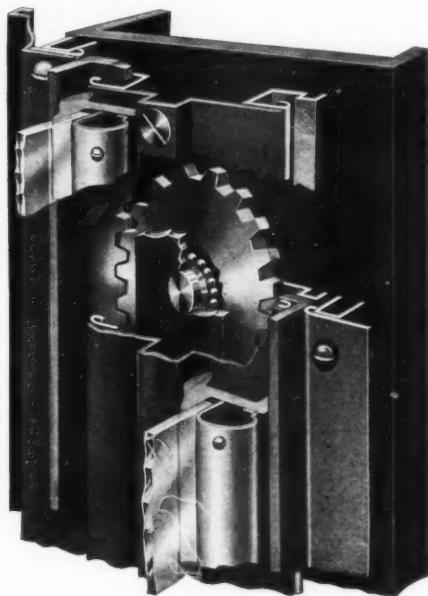
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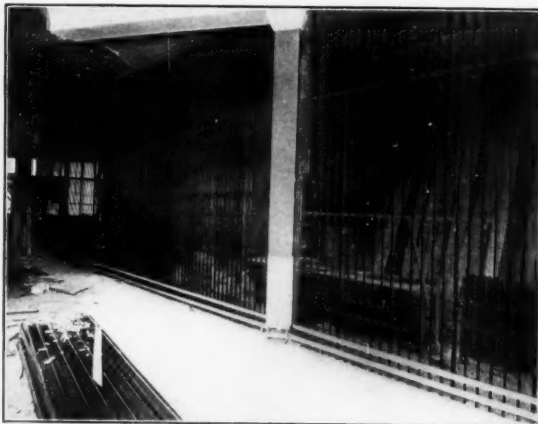
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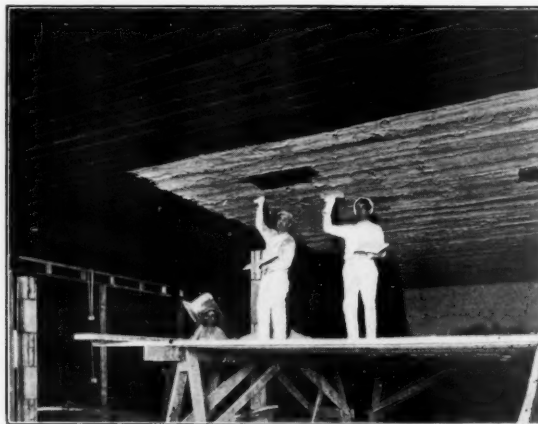
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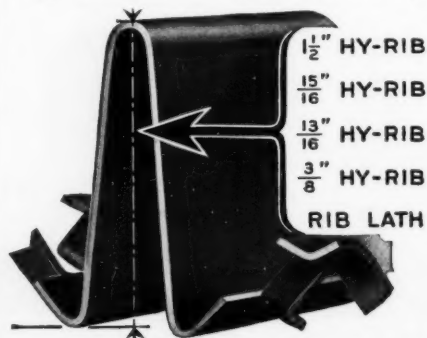
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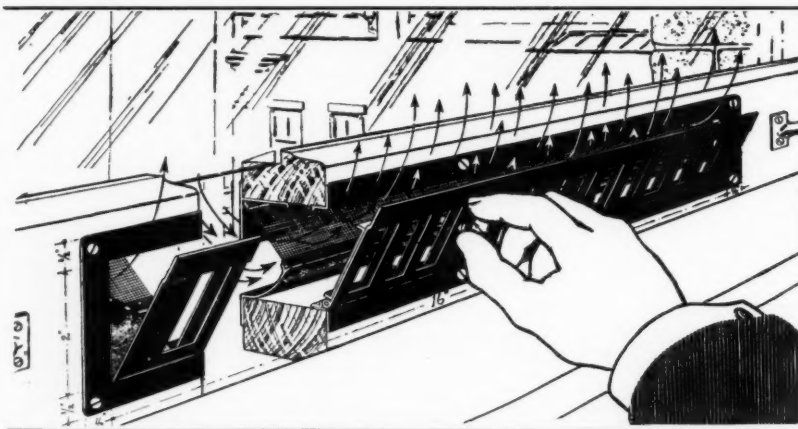
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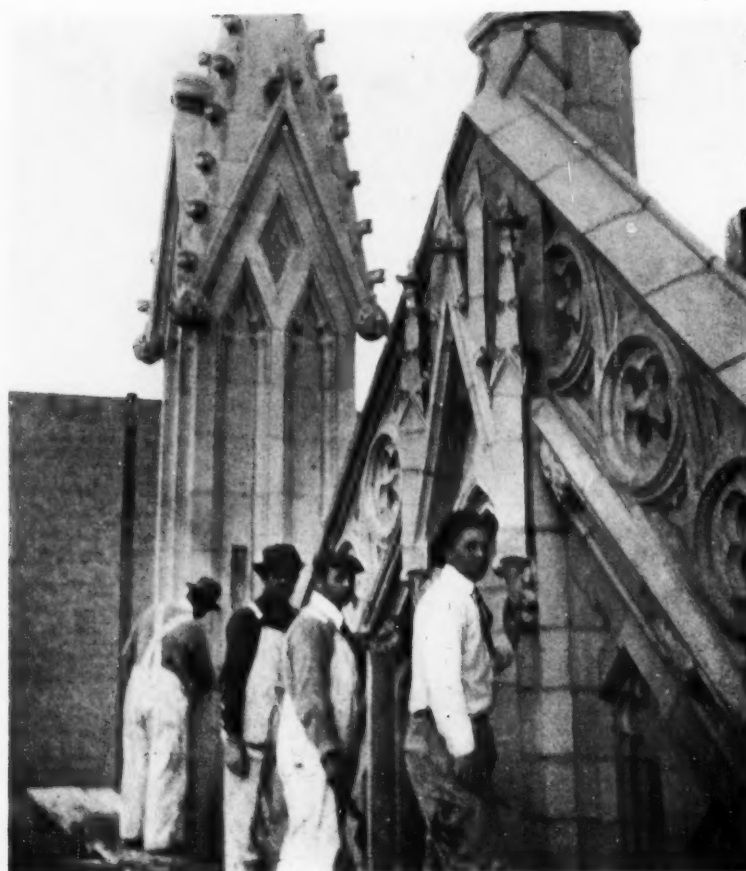
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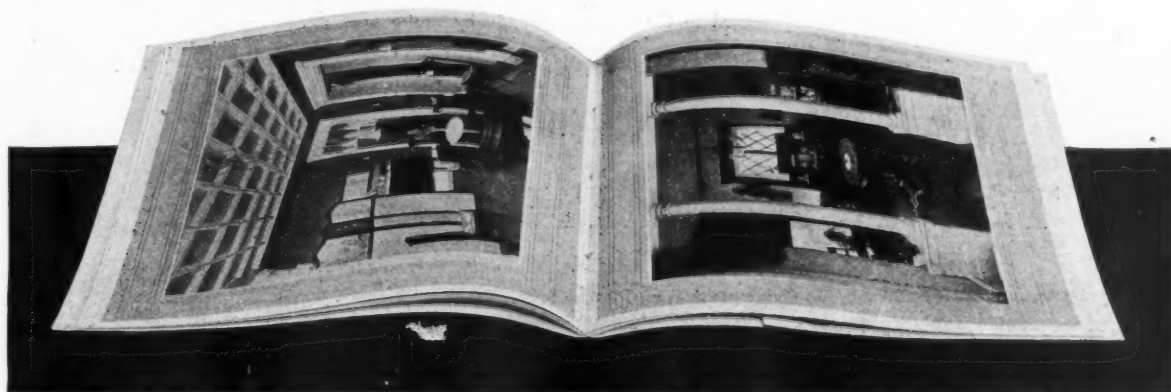
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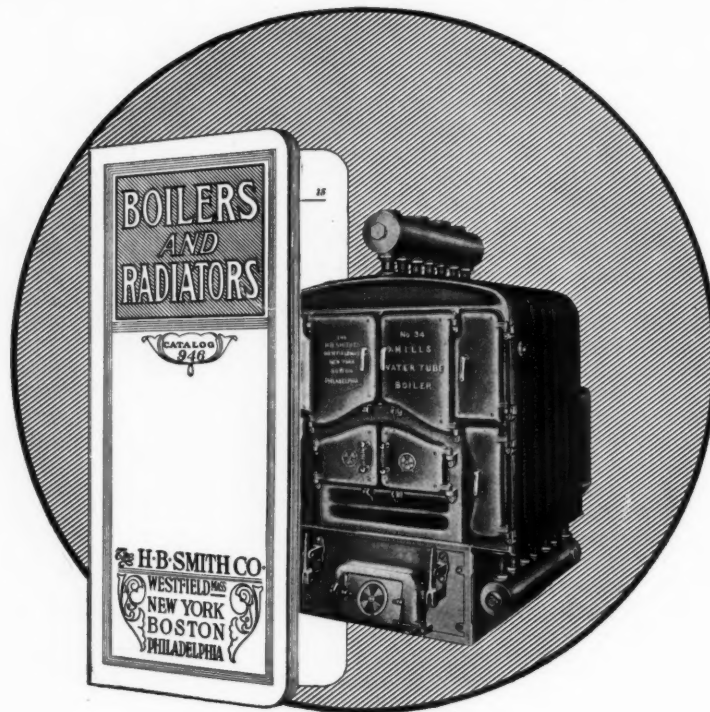
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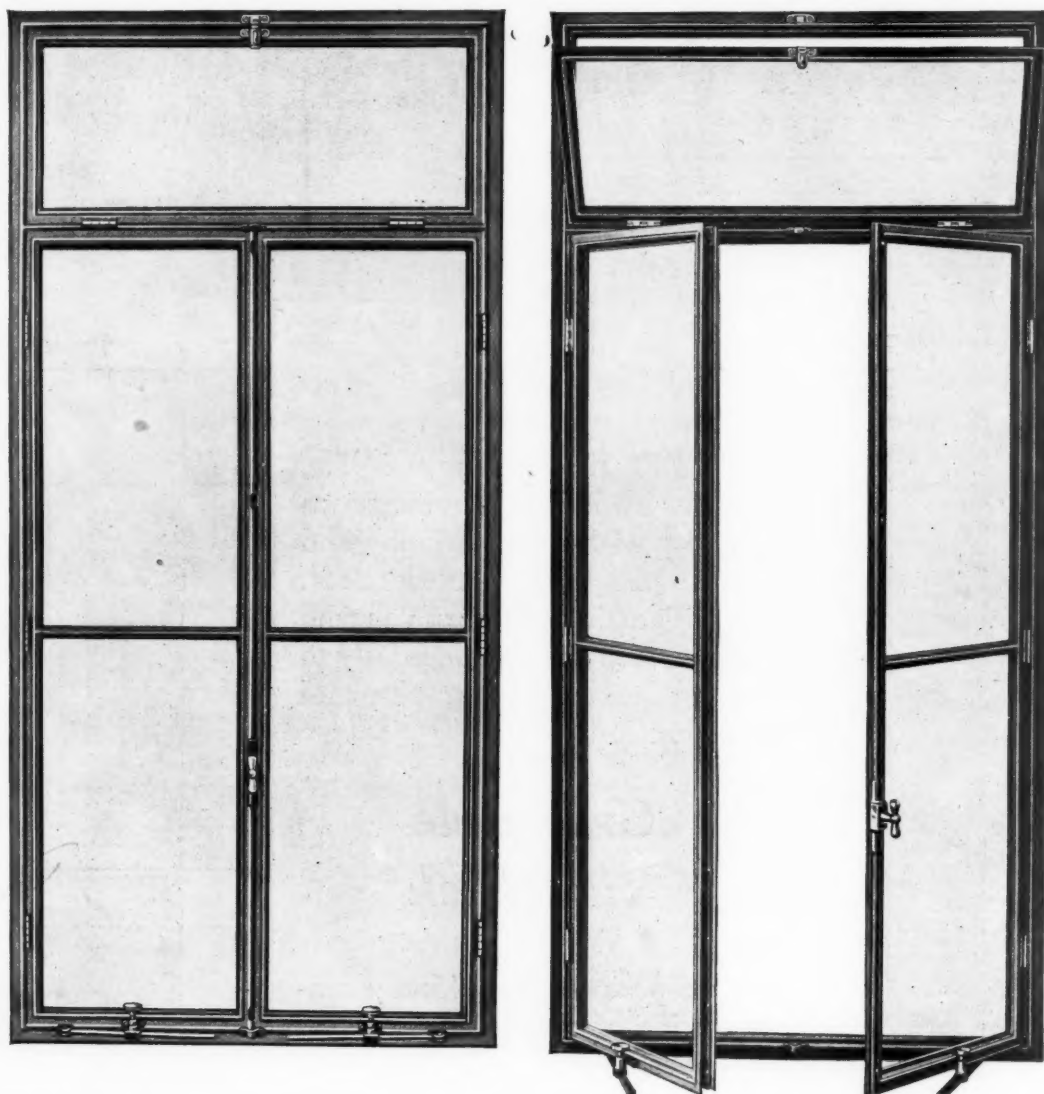
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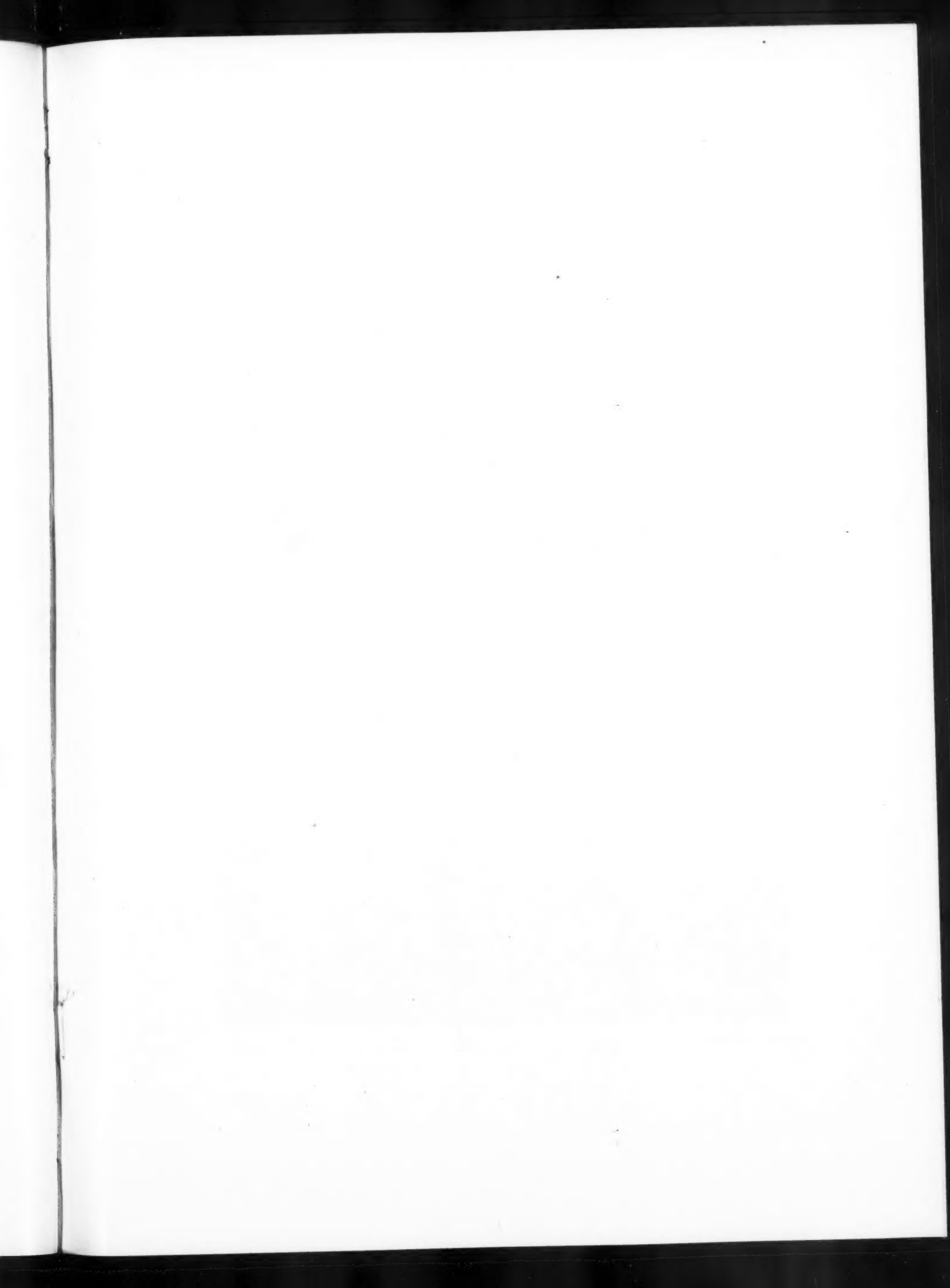
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St. James Cathedral, Seattle, Wash. Heinz & La Farge, *Architects*

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