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NUMBER 2047



VIEW LOOKING TOWARDS THE SEA

THE PANAMA-CALIFORNIA EXPOSITION SAN DIEGO, CALIFORNIA

By W. B. FAVILLE

THE Panama-California Exposition at San Diego, California, celebrates the opening of the Panama Canal.

It is erected by the interests of the southern portion of the State, and its exhibits are gathered from the adjacent states and the counties of California. There are also exhibits from some of the South American countries and a few from across the water.

It is not a world exposition in any sense and does not compete with the larger exposition at San Francisco. The two may be described as complementary one to the other. It is, however, charming; small, almost to the point of holding within one's hand—like

a gem that can be examined and loved for its beauty, its color and its workmanship.

Built upon a mesa at the edge of the city of San Diego, it commands a panoramic view of the city, a wide expanse of San Diego Bay or the "Bay of the Sun" with Coronado, the "home of the tourist" just across—while beyond, stretching to the horizon, is the ocean dotted with islands.

Behind the exposition stretches a plateau bordered by hills leading up into mountains. This is a land of endless sunshine and little rain; where the wind is never violent and where summer and winter go "hand in hand." It is a land where Ponce de Leon, had he searched, should have found that long



VIEW OF EXPOSITION AND SURROUNDING COUNTRY, MADE FROM AN AEROPLANE

looked for spring whose waters were to yield eternal youth.

Between the city and the mesa upon whose edge the exposition is built, runs a deep arroyo over which has been built a concrete approach some quarter of a mile in length, leading from the park in front of the clustering houses of the city to the entrance arch of a court which forms the vestibule to the exposition. This court is dominated on one side by the dome of the California building, which with its campanile, suggests a Mexican cathedral.

The view as one approaches the entrance to the court is extremely effective and commanding, the dome and campanile with the gate forming a fine composition. It is the one "big strike" of the plan and without which the exposition scheme and effect would be quite lacking.

It suggests the approach to Toledo over the River Tagus by the Alcantara Bridge—only here the sweeping arch of the Spanish bridge has been changed to many narrow arches which lose in grandeur when seen from below.

The dome of the California building and top of Campanile are in tile—strong in color of yellow and blue—Mexican in sentiment and design, while on the opposite side of the court are vaulted rooms opening one into the other, simple and effective; these are connected by arcades, while tucked away in a corner is a small chapel, naïve and primitive.

Through this cloistered court one traverses the main axis of the plan along which are arranged various buildings mostly Mexican and Spanish in sentiment, although one notes the mission types occasionally; they are generally good in design with comfortable wall spaces upon which the enriched detail of the openings set graciously.

The detail generally employed outside of the entrance court or Plaza de California is heavy. It carries an exaggerated scale and with no studied refinement, but it is brilliant in shadow effects against the wall surfaces.

There is one well-defined transverse axis which, crossing the main axis, creates the Plaza de Panama. This plaza is surrounded

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by arcaded buildings, the Sacramento county's building in the place of honor, while at the other end of the plaza is the music building in which the large organ is housed. This building is most unfortunate architecturally, and, more the pity, is permanent.

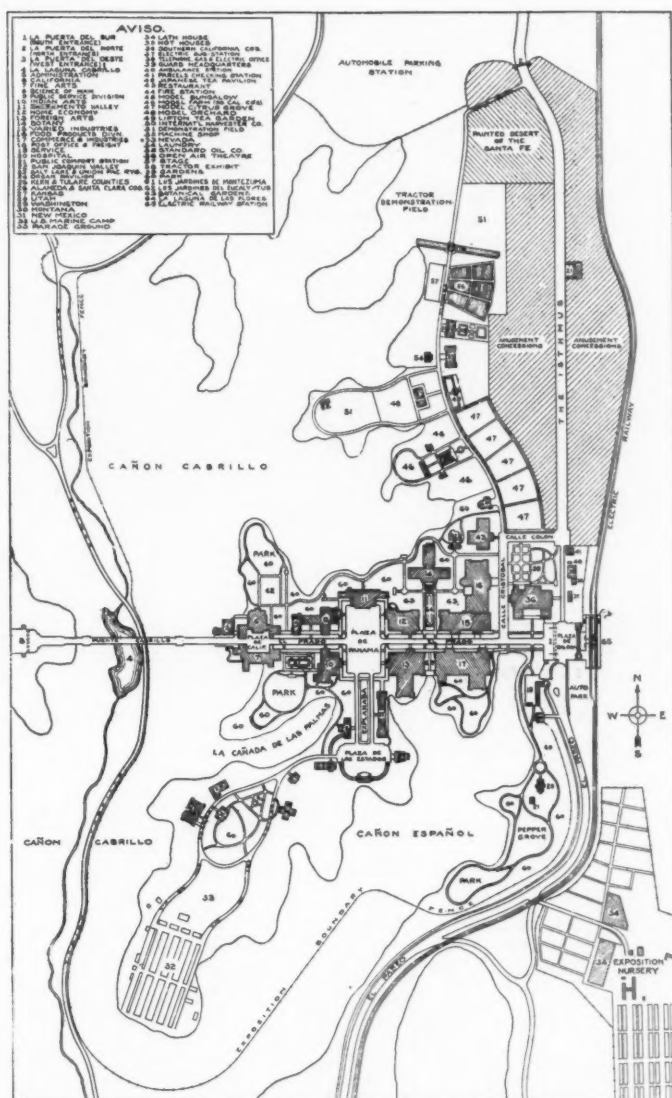
The strong and brilliant note of the tile on the dome and campanile is echoed throughout the exposition by external portieres or awnings to many of the windows and openings. This use of color on portieres and banners plays a most important part in the color scheme of the exposition—an arrangement only possible in a climate where the wind is ever gentle.

The wall texture of the buildings are in various forms of plaster and cement finish of a warm ivory tone against which the capable planting shows effectively.

Impressions which linger after a visit to the Panama-California Exposition at San Diego are—the masterly stroke of the approach over the viaduct with the campanile and dome dominating the entrance court; the detail of the gateway to this court; the enriched entrance to the California building; the brilliant and dominate touch of color; the capable planting; the abundance of flowers, and the absence of nearly all figure sculpture in the exposition.

There is also an air of refinement pervading things in general which "leaves a good taste in the mouth," and one feels that it is an example of fine American judgment in the restraint which makes for good design.

Mr. Bertram G. Goodhue, the Architect who designed the California building and the buildings surrounding this court, and who also inspired other work, is to be congratulated upon the part of the designing which he dominated and which adds so tre-



GROUND PLAN OF EXPOSITION

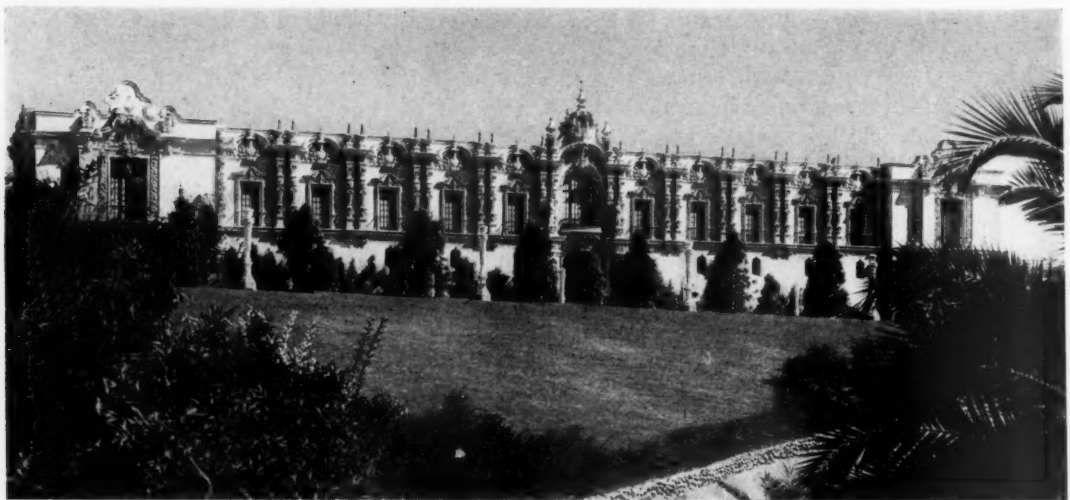
mendously to the total effect. The balance of the architectural work has been designed and executed by a general designing staff under the supervision of Mr. Frank P. Allen, Jr., Director of Works.

The exposition embraces 615 acres of ground, much of which is devoted to parking. The directors have spent upon the exposition proper three and one-half million dollars—to this sum five million dollars more have been added by concessionaires and exhibitors.

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EAST FRONT, INDIAN ARTS BUILDING



SAN JOAQUIN VALLEY BUILDING

DESIGNED UNDER THE SUPERVISION OF MR. FRANK P. ALLEN, JR., DIRECTOR OF WORKS
MR. BERTRAM G. GOODHUE, ADVISORY AND CONSULTING ARCHITECT

MODERN SHOPKEEPING METHODS

WHEN Shakespeare wrote, "Good wine needs no bush," he sought to make clear that the high quality of the goods were their own best acclaimers, and that the wine shop setting forth an honest product did not need the usual bush displayed before its door,—the early sign of the vintner,—to advertise its presence.

But the conditions of trade and barter have undergone many changes since Shakespeare lived and wrote. Competition is so keen that even good wine now needs a "bush," and methods of modern storekeeping have become a study that is essential to success.

To surround the wares with accessories in keeping with their character has become necessary, and in order to accomplish this

architects have been called upon to provide an environment that enhances the beauty of the goods and, consequently, makes it possible to increase their selling price.

Probably no retail shopping street in the world presents such an allurements of well-appointed surroundings as does Fifth Avenue in New York. From Twenty-third Street, north to the southern limit of Central Park, there is a succession of well-designed shop-fronts, behind whose façades will be found interiors that represent the "last cry" in modern shopkeeping methods. One of these shops, that of E. M. Gattle & Co., is illustrated in this issue. The architects, Messrs. Starrett & Van Vleck, have produced a result in this sumptuous interior

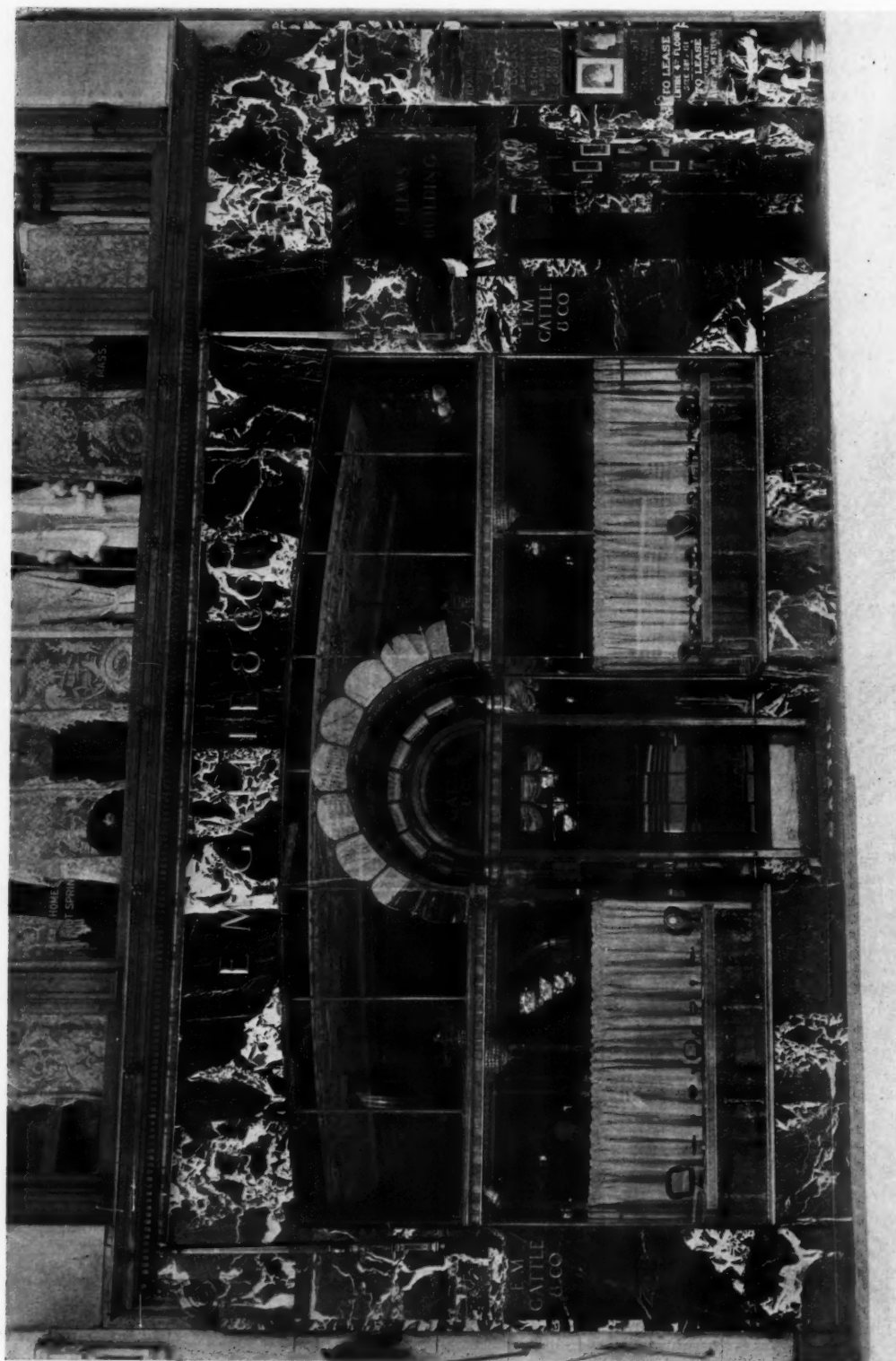
(Continued on page 188)



INTERIOR DETAIL

SHOP OF MESSRS. E. M. GATTLE & CO., FIFTH AVENUE, N. Y.

MESSRS. STARRETT & VAN VLECK, ARCHITECTS



SHOP OF MESSRS. E. M. GATTLE & CO., FIFTH AVENUE, N. Y.

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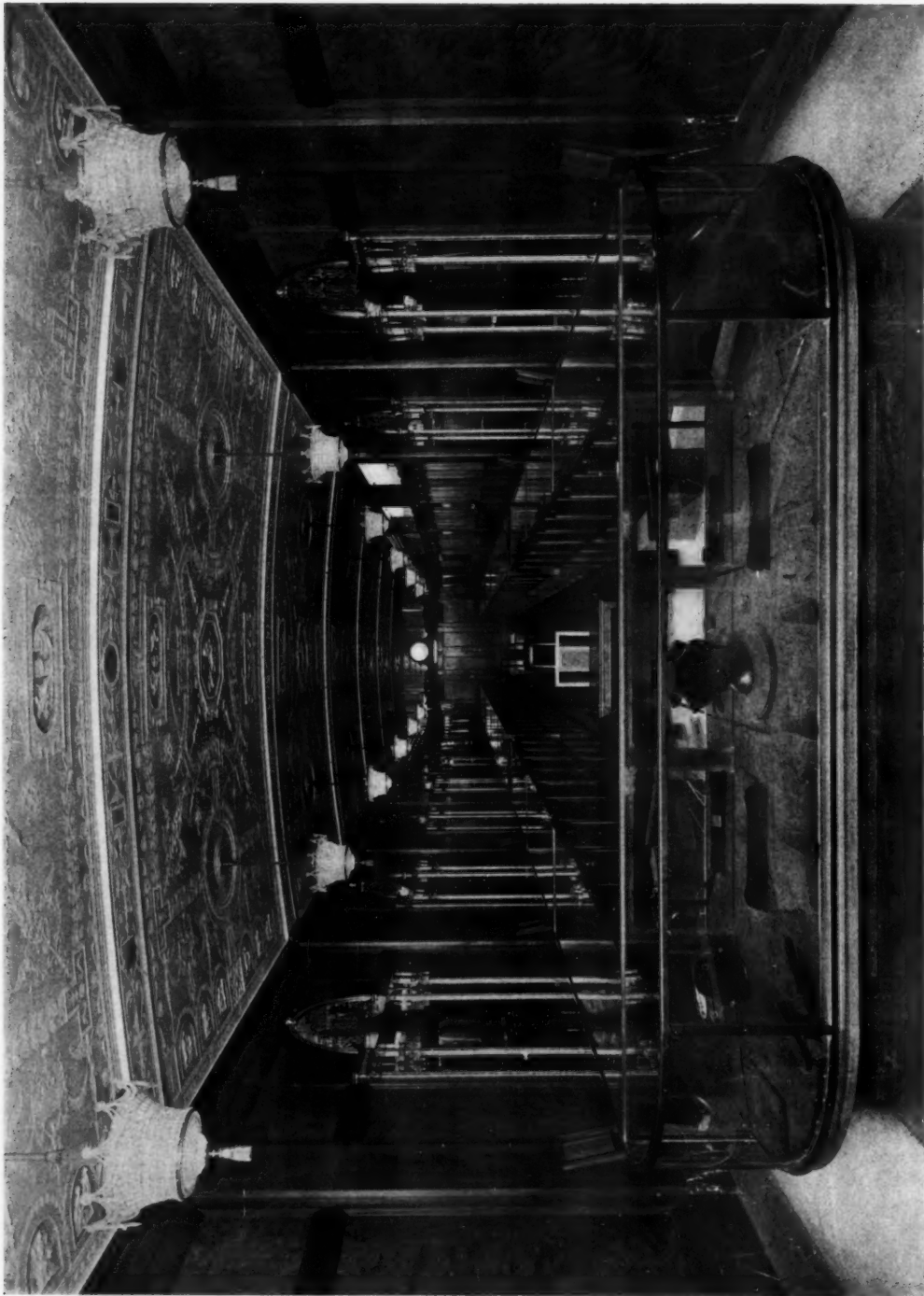
Northern Italian Details

NO. 20 DOORWAY, S. TOMA, Venice.

THE unimportant church of S. Toma has taken on temporary significance as the repository of the most valuable altar pieces from the Frari, pending the complete restoration of that church. The most notable of these is Titian's Pesaro Madonna, of which Crowe and Cavalcante say, "More elaborate and studied and in every sense grandiose, the Madonna di Casa Pesaro reveals more surely than the Annunciation the breadth of Titian's talent and takes us not, without preparation, to the height of his pictorial fame. He has brought to perfection the last and finest of all forms of presentation pictures, the noblest combination of the homely and devotional with palatial architecture; the most splendid and solemn union of the laws of composition and

color with magic light and shade." Another equally valuable picture in this church is Giovanni Bellini's altar piece in three sections, Madonna enthroned with saints and musicians, in a beautiful Renaissance frame by Iacopo da Faenza; "the gentlest and most elegant emanation of Bellini's art."

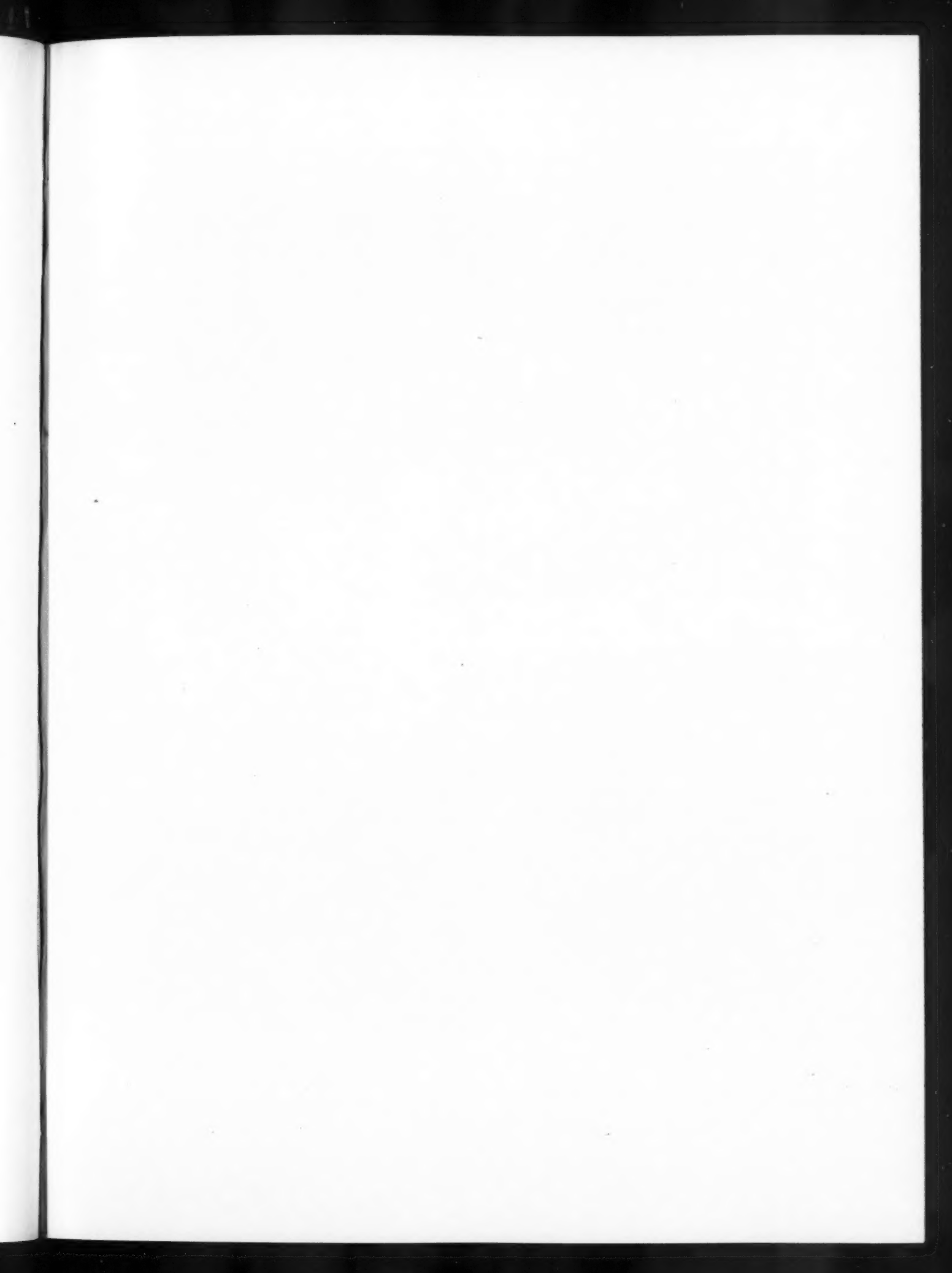
The illustrated doorway stands in the side wall of the church facing on a noisy campello. It is of Istrian stone with wood door and, while thoroughly classic in profile, shows some little individual variation from conventional types. As a matter of fact, the design of the simpler doorways and windows in Italian work were perhaps less influenced by the changing tastes of the Renaissance than the larger and more important elements and show a great persistence of classic form and proportion.

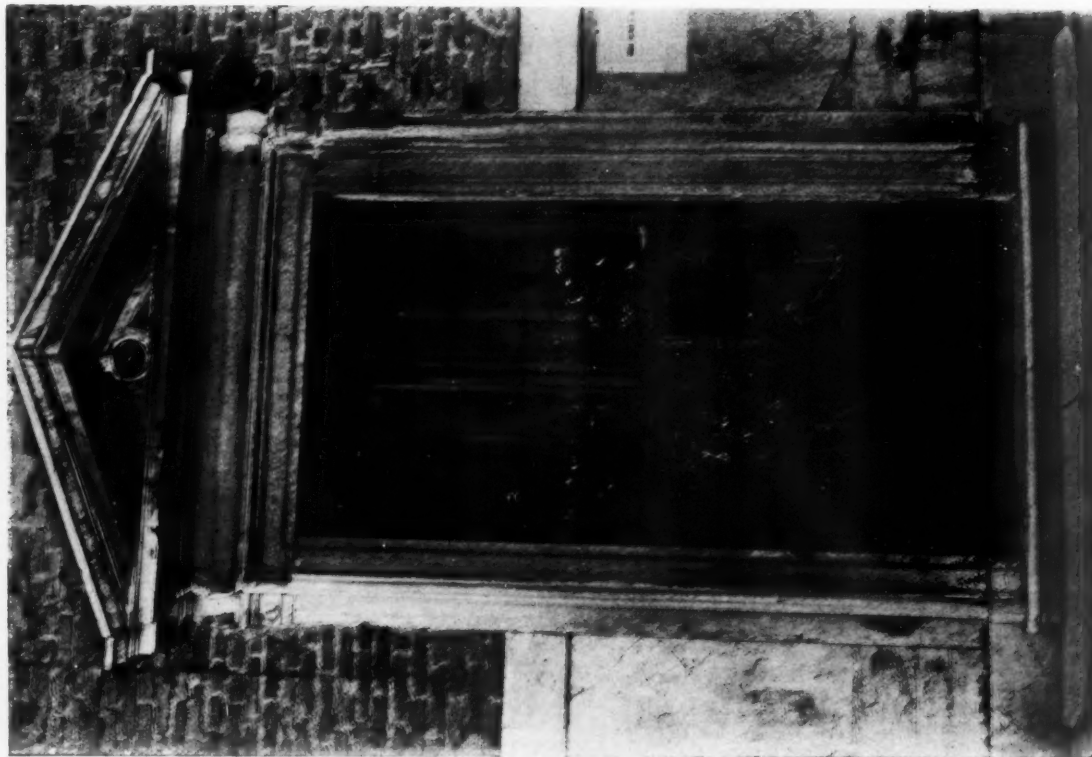


INTERIOR OF SHOWROOM

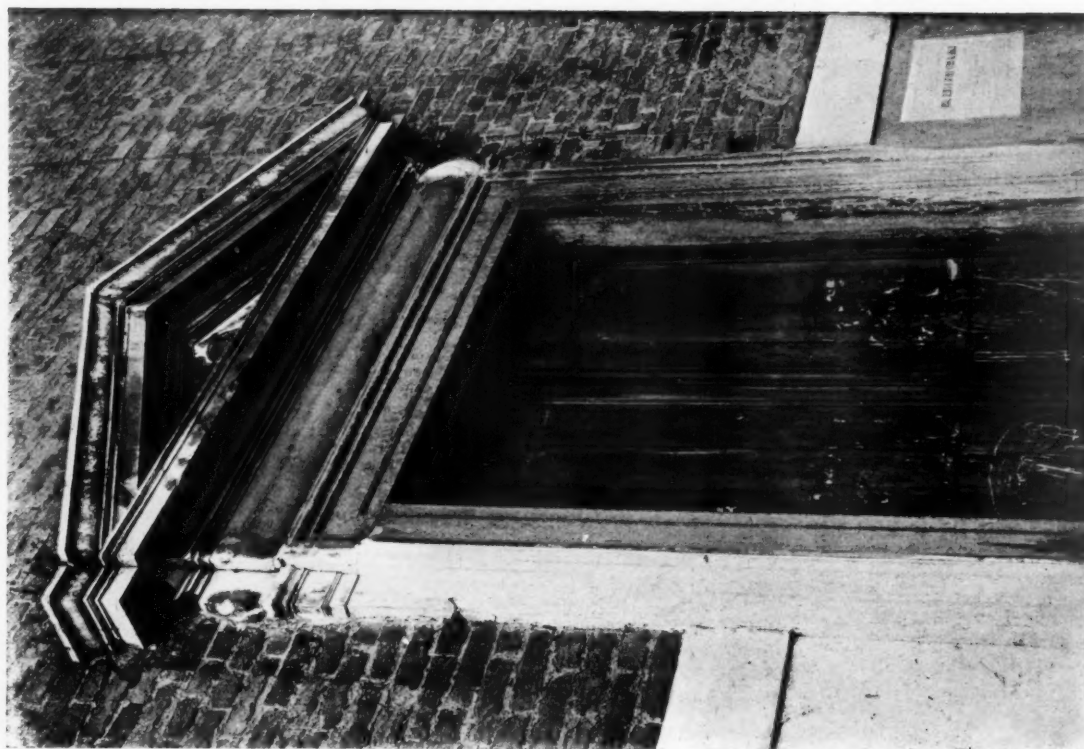
SHOP OF MESSRS. E. M. GATTLÉ & CO., FIFTH AVENUE, N. Y.

MESSRS. STARRETT & VAN VLECK, ARCHITECTS

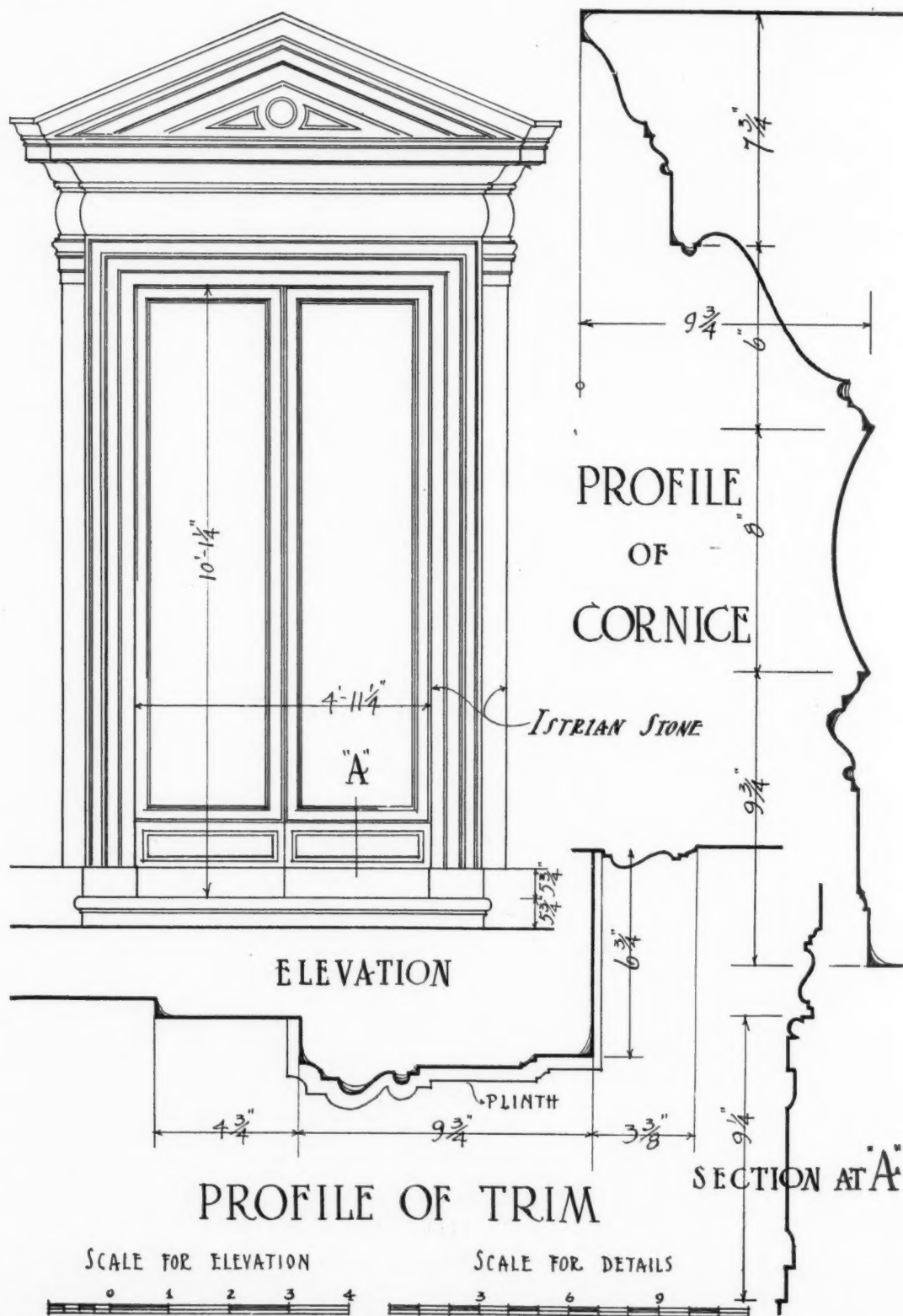




PHOTOGRAPHS AND DRAWINGS
BY W. G. THOMAS AND J. T. FALLON



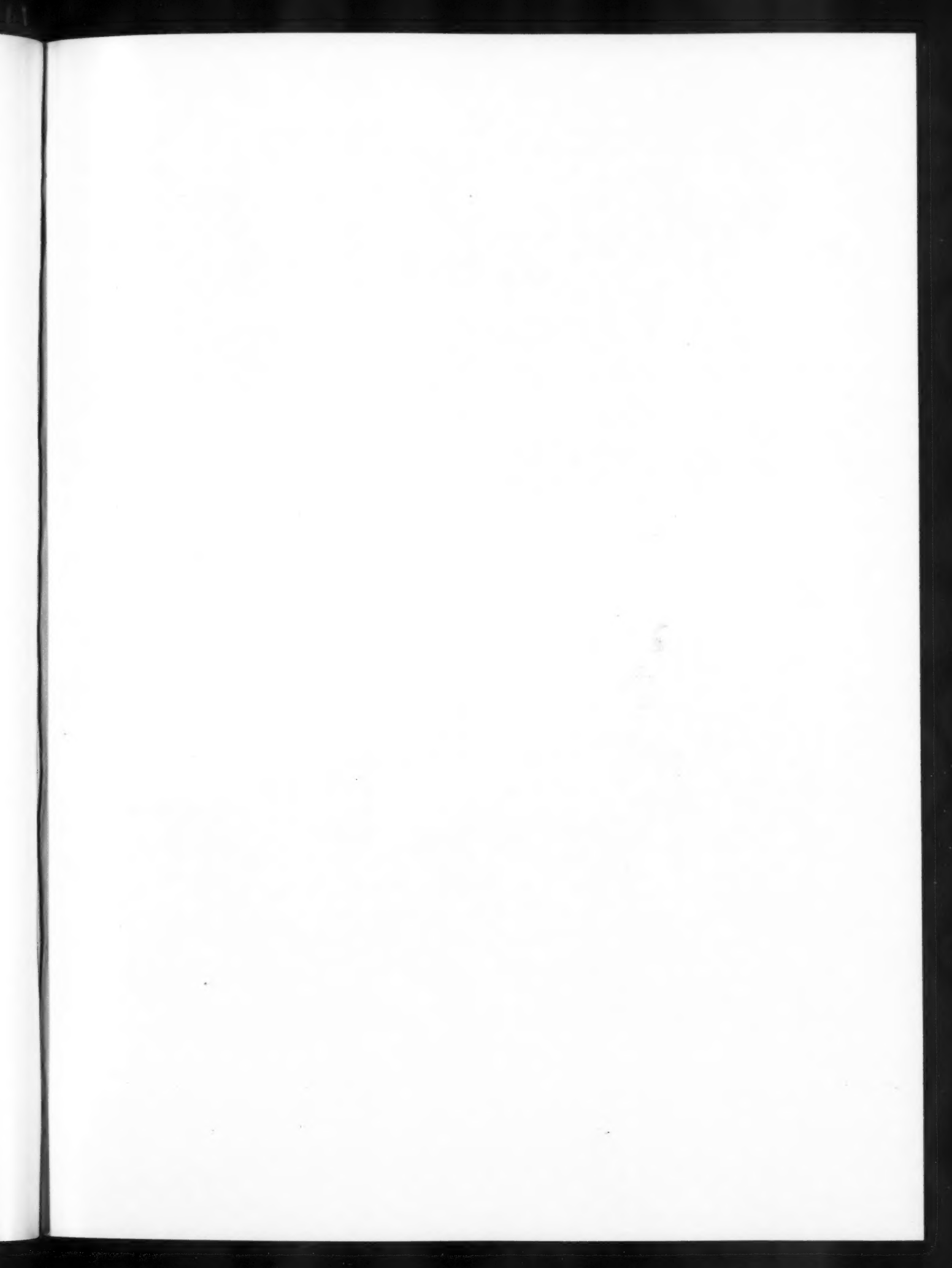
DOORWAY, S. TOMA, VENICE



DOORWAY, S. TOMA, VENICE

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

ARCHITECTURAL DETAILS
OF NORTHERN ITALY—PLATE NO. 44

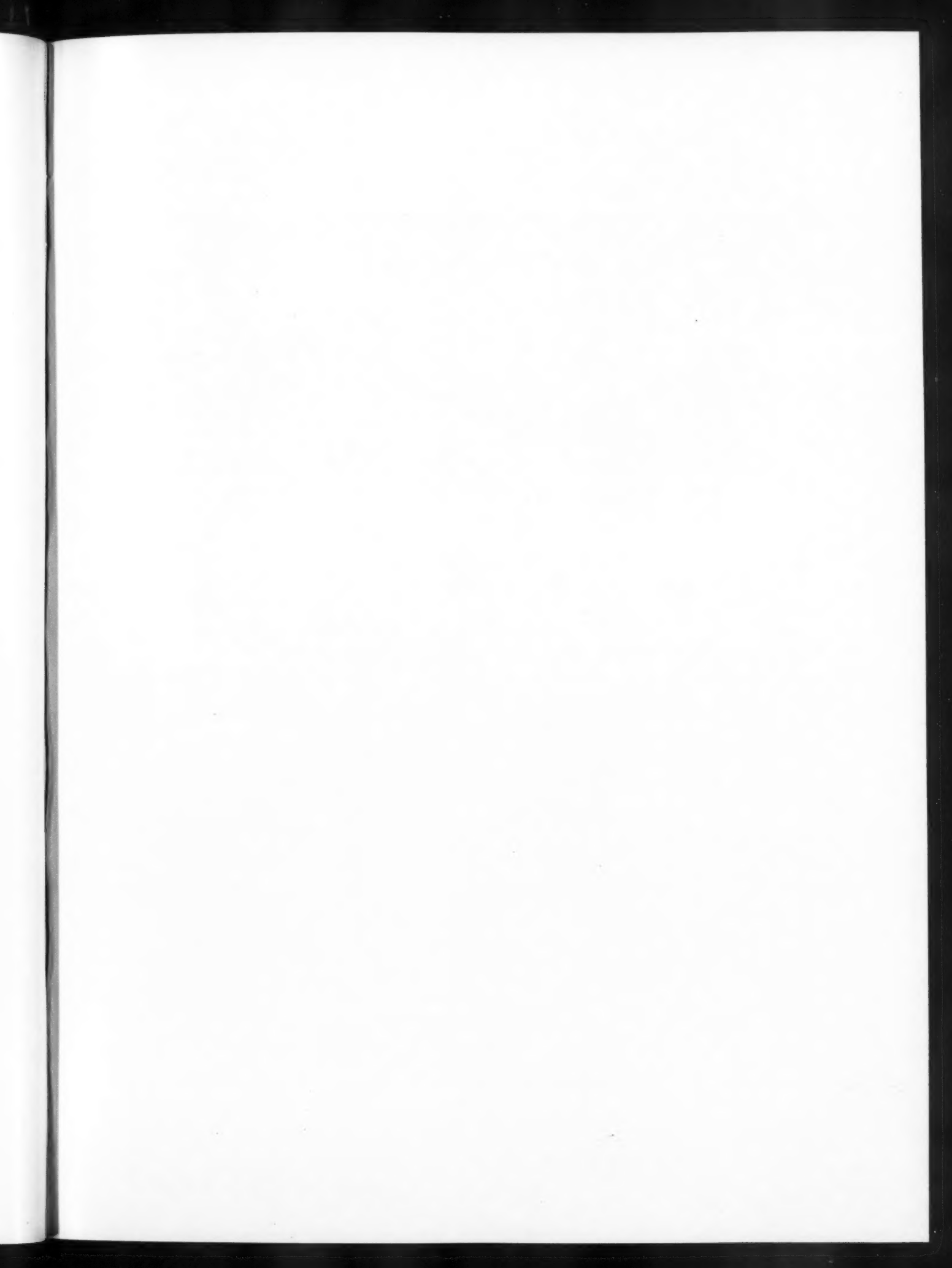




ENTRANCE TO THE EXPOSITION

PANAMA-CALIFORNIA EXPOSITION, SAN DIEGO, CAL.

MESSRS. CRAM, GOODHUE & FERGUSON, ARCHITECTS





LOOKING EAST FROM THE PLAZA DE PANAMA

PANAMA-CALIFORNIA EXPOSITION, SAN DIEGO, CAL.

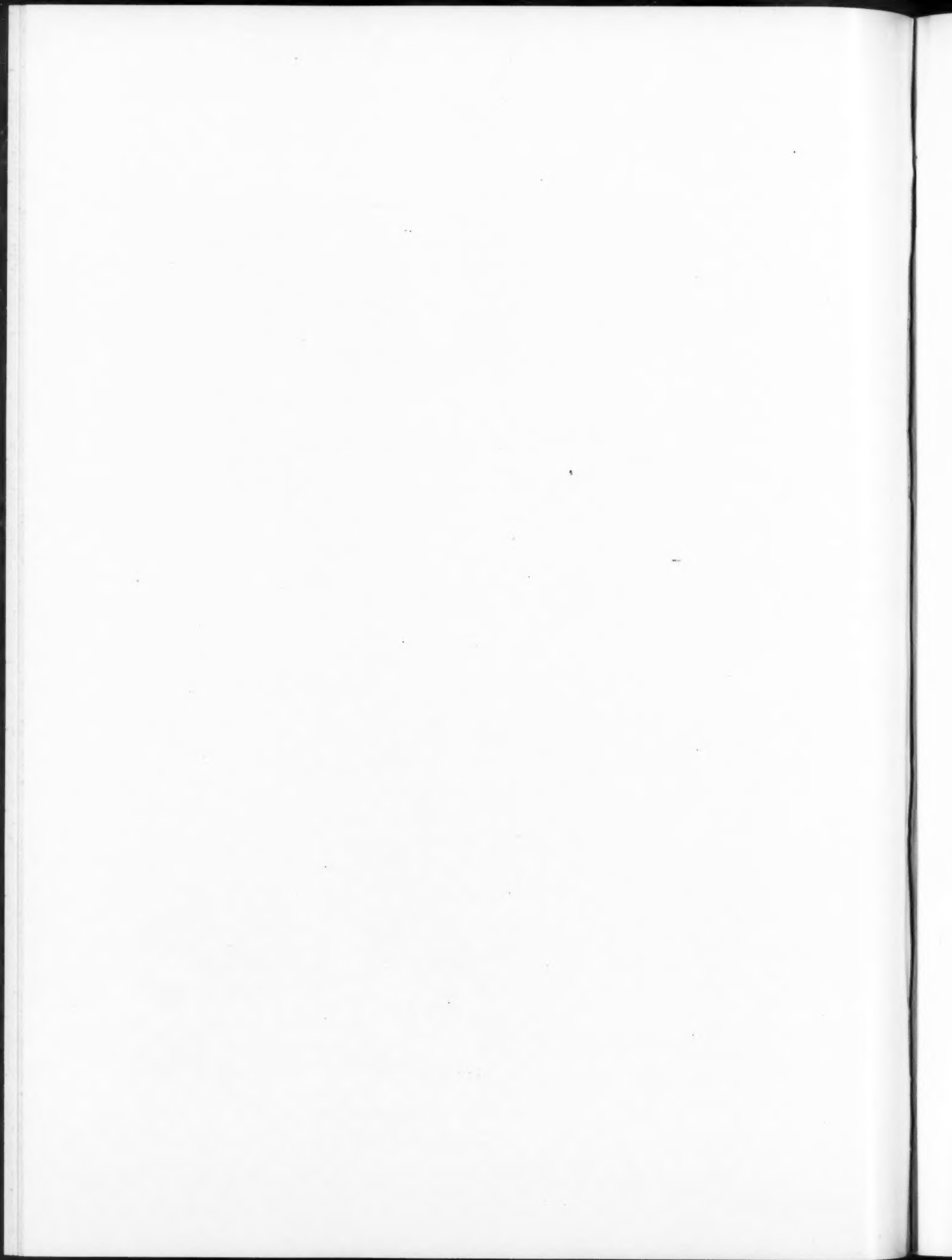
DESIGNED UNDER THE SUPERVISION OF MR. FRANK P. ALLEN, JR., DIRECTOR OF WORKS
MR. BERTRAM G. GOODHUE, ADVISORY AND CONSULTING ARCHITECT



THE CALIFORNIA BUILDING

PANAMA-CALIFORNIA EXPOSITION, SAN DIEGO, CAL.

MESSRS. CRAM, GOODHUE & FERGUSON, ARCHITECTS

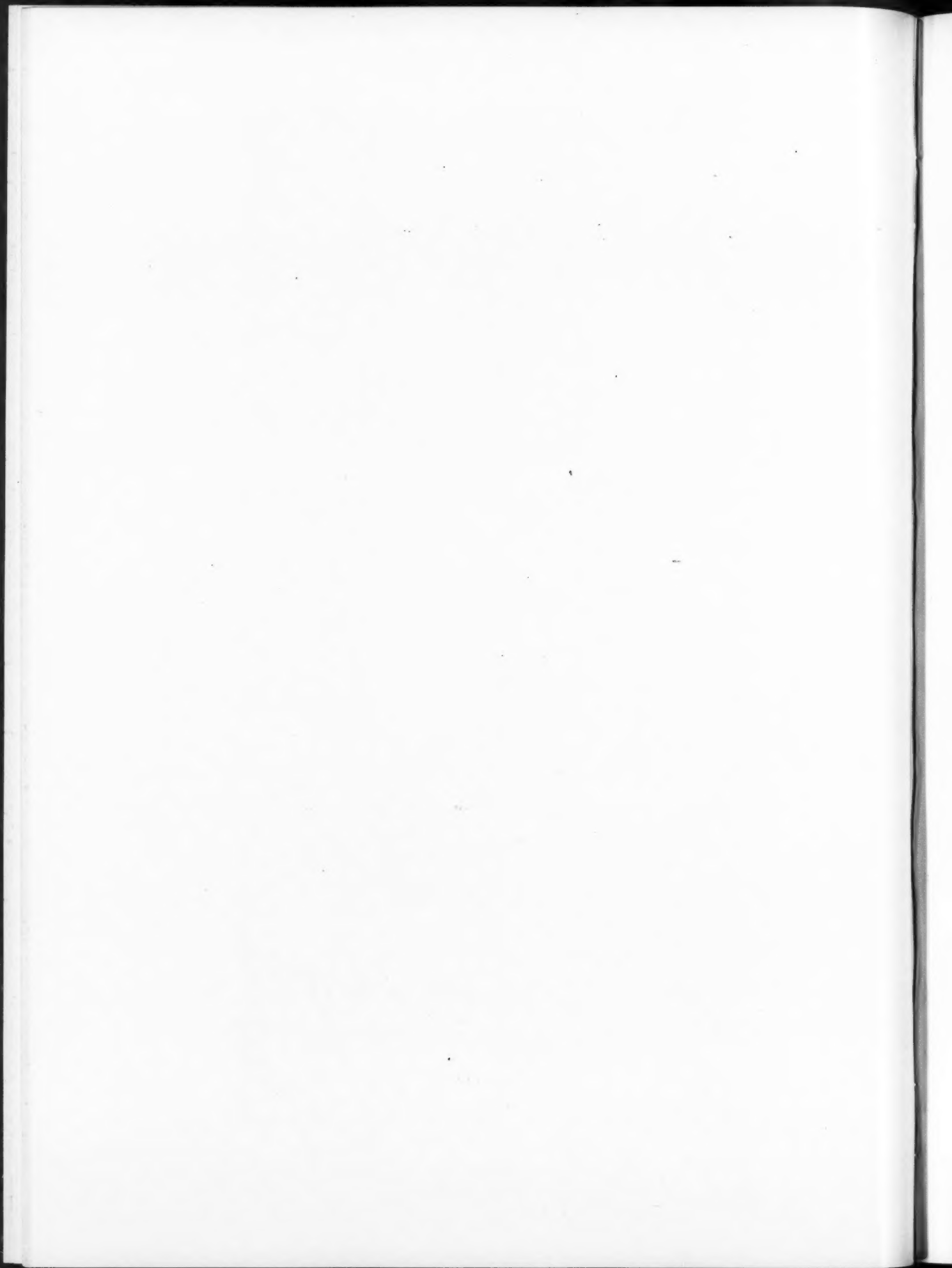


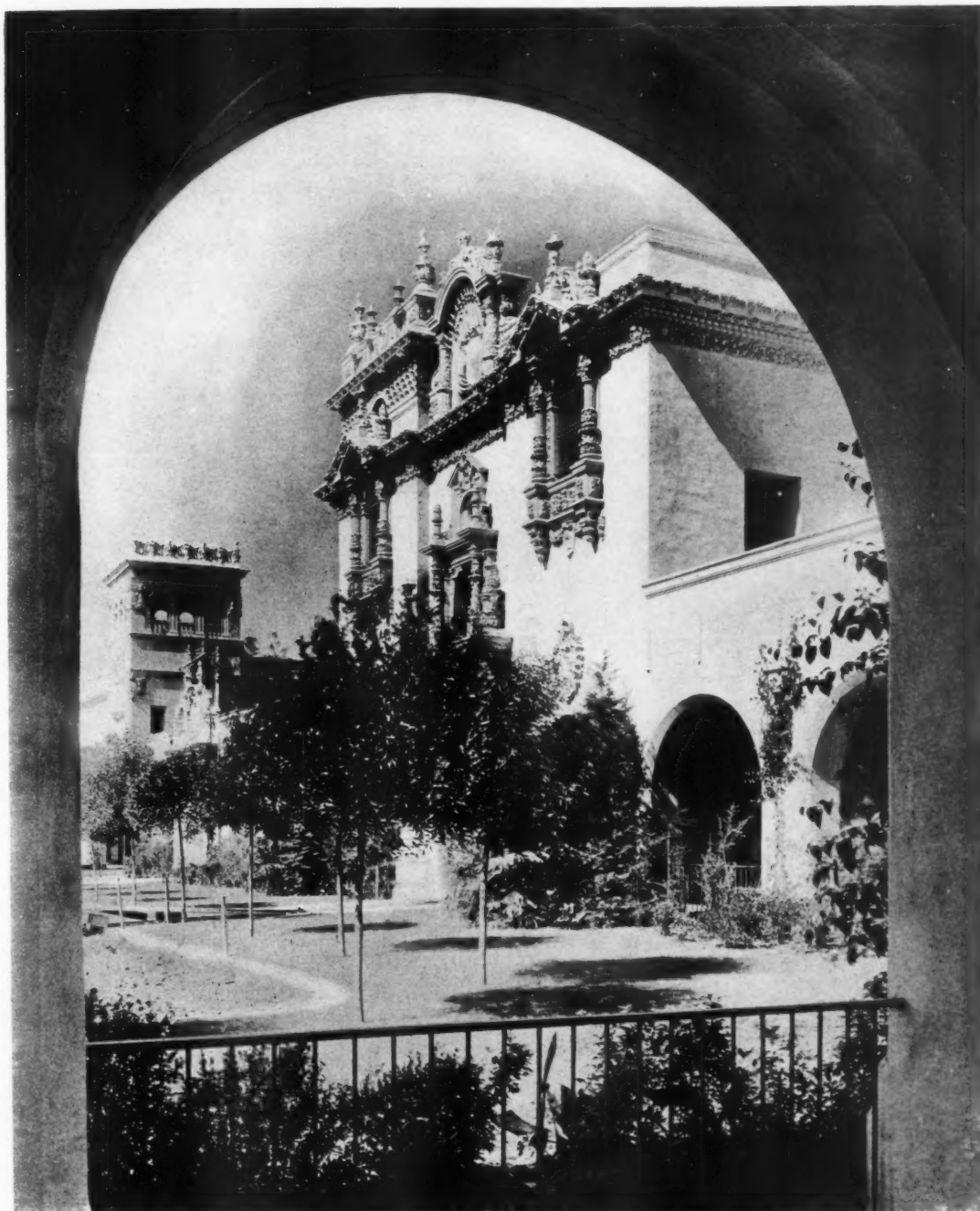


DETAIL—CALIFORNIA BUILDING

PANAMA-CALIFORNIA EXPOSITION, SAN DIEGO, CAL.

MESSRS. CRAM, GOODHUE & FERGUSON, ARCHITECTS

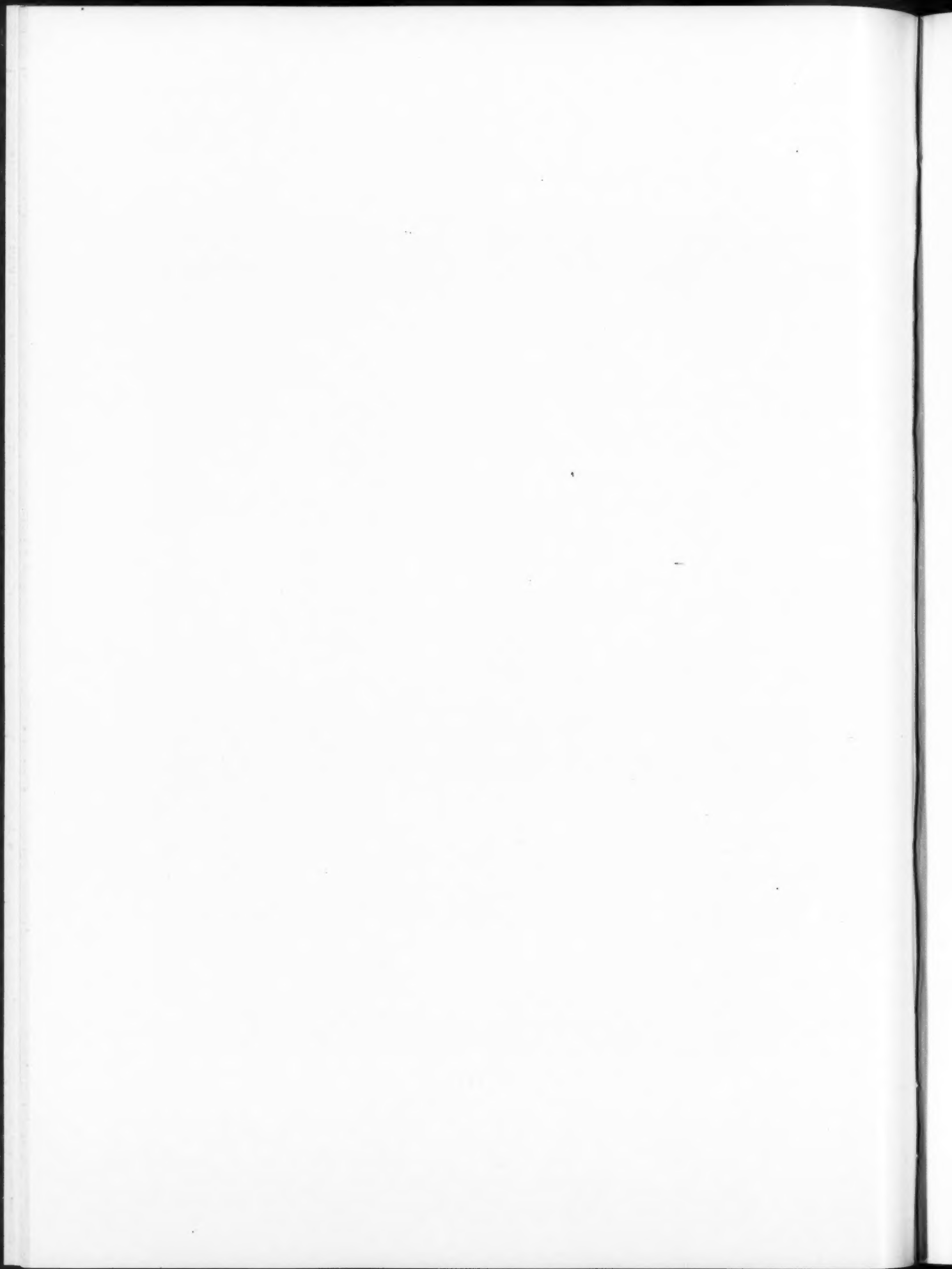


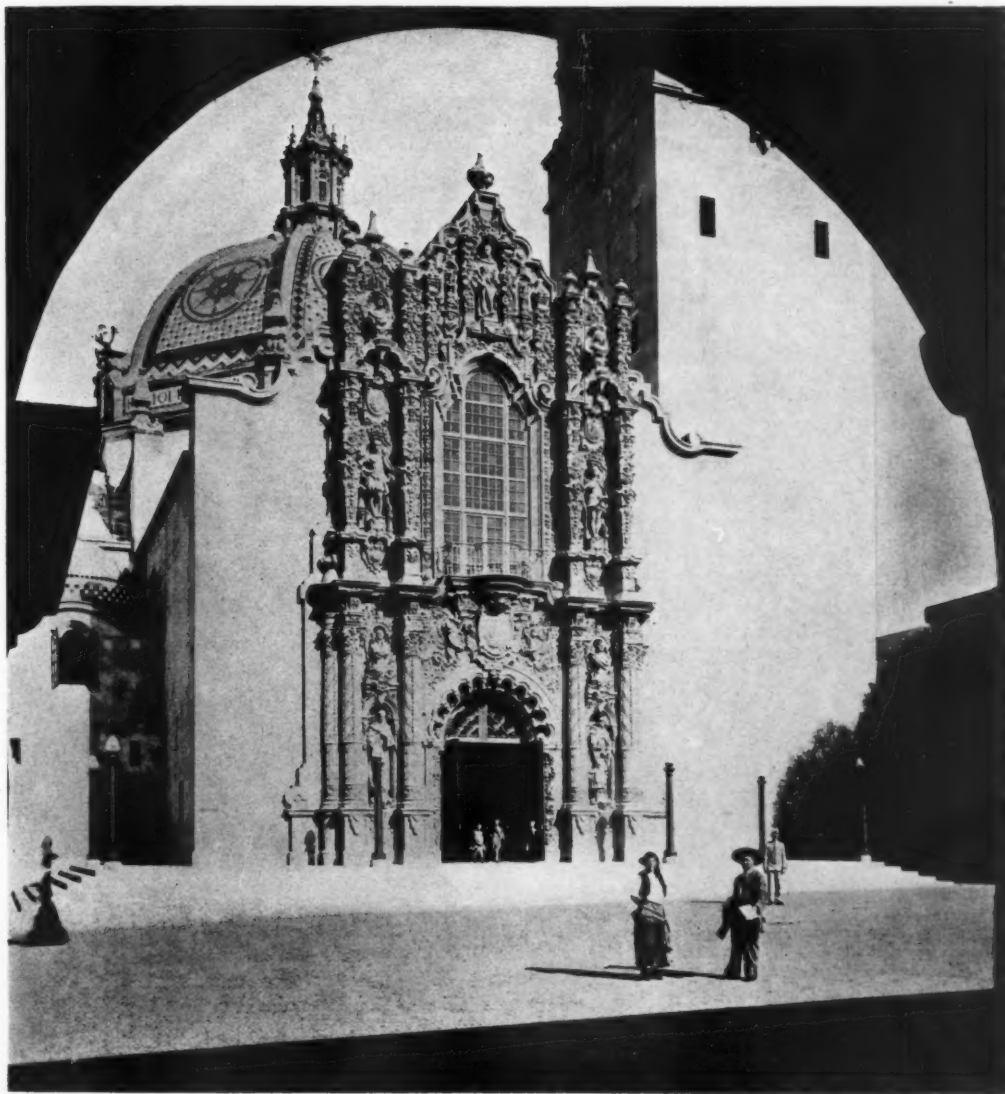


THE ENTRANCE TO THE FOREIGN ARTS BUILDING

PANAMA-CALIFORNIA EXPOSITION, SAN DIEGO, CAL.

DESIGNED UNDER THE SUPERVISION OF MR. FRANK P. ALLEN, JR., DIRECTOR OF WORKS
MR. BERTRAM G. GOODHUE, ADVISORY AND CONSULTING ARCHITECT





IN THE PLAZA DE CALIFORNIA

PANAMA-CALIFORNIA EXPOSITION, SAN DIEGO, CAL.

MESSRS. CRAM, GOODHUE & FERGUSON, ARCHITECTS

THE AMERICAN ARCHITECT

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INACCURACY IN THE MATTER OF ESTIMATES OF COST AND TIME REQUIRED FOR THE COMPLETION OF A GIVEN BUILDING OPERATION POPULARLY VIEWED AS A PROFESSIONAL SHORTCOMING. IMPRESSION UNJUSTIFIED AS APPLYING GENERALLY TO PRESENT-DAY PRACTICE.

THAT architects as a class are beginning to realize more fully than formerly the demand of the public for definite, prompt and exact performance of a proposed service is indicated by the increasing number of examples of individual business accomplishments of high order to be noted in any general survey of the field of practice. Conditions have in times past been such—and we may say still obtain in some quarters—that an architect's estimate of cost and of time required for the completion of a given building or group of buildings was held by popular belief to be more or less in the nature of idle comment, which could invariably be relied upon only as materially understating what might be confidently expected.

Fortunately, the broader-minded and more capable members of the profession

have long realized the detrimental effects which a general impression of this kind produces, and have lately set about correcting it in the most practical manner possible, which, as will probably be readily admitted, consists of furnishing positive proof in the form of examples of executed work in which architects' original estimates and statements have been fully justified by the sequence of events.

Without doubt there is no class of work in which it would be more difficult to furnish proof of both ability and reliability in the matter of estimates than in connection with public or semi-public buildings. In the handling of these the elements of uncertainty, which ordinarily exist in any building enterprise, are many times multiplied. An architect is usually obliged to work with a board, individual members of which are inclined to impose their own ideas both as regards plan and equipment, and many of these are only brought forward after construction work has been actually started. Every architect knows that a material change of plan at any stage after that of preliminary drawings usually means delay, and if made after contracts are awarded, it generally means additional expense as well. In addition to this feature, both the architect and the board are extremely fortunate if they do not encounter political opposition or influences which again affect both cost and time required for the execution of the work.

When an architect has undertaken a commission belonging to the public building class, and has carried it to successful completion, not only within the time specified, which might, under ordinary circumstances almost be regarded as insufficient in itself, but has done this without appreciable increase in cost over the original contracts and below the first estimates, the performance may be well considered worthy of comment.

It is perhaps entirely possible to enumerate scores of such instances, but one that has just been brought to our attention will serve as an illustration of what is being accomplished by architects in this regard. The example referred to is furnished by the work of Mr. Richard E. Schmidt, of Chicago, who it appears has recently completed two separate undertakings in a manner that should result in placing his name well toward the top of the list of architects who in their

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every-day practice are securing results that will go far toward redeeming the profession from the charge of unreliability in the respects referred to above. The first commission was that of the Psychopathic Hospital for Cook County. The bond issue to cover the cost of this building was \$500,000. The final cost of the building, including architect's fees, was \$466,109.46. Of this, \$446.50, or but one-tenth of one per cent., was for extra work not included in the original contract. The difference between the cost of the building and bond issue not only paid for the sale of bonds and the furnishings, but left several thousand dollars which it is proposed to turn over to the general fund. It is stated that the principal contract for the construction of this hospital was signed on September 10, 1913. The county failed to vacate a large building on the site for a matter of two weeks after that date, and three weeks more were required to remove the building after it was vacated. The county took possession and moved patients into the new building on June 1, 1914.

The second instance is furnished in the case of the Cook County Poor Farm buildings. The bond issue for these buildings was \$1,000,000. The cost of the buildings, including architect's fees, was \$940,846.31. Of this, \$1,364.63, or approximately fifteen-hundredths of one per cent. of the cost of the building, was for extra work not included in the original contract. The principal contract for the additions to the infirmary was let on December 1, 1913. The county took possession of a ward building, dining-hall and kitchens on July 1, 1914, and of all buildings on December 15, 1914.

The extent to which these accomplishments stand out as examples of able, accurate and efficient administration of the business side of an architect's calling is best realized when they are compared with the tortuous, slow, inaccurate, and unsatisfactory

course which frequently marks the history of public building enterprises, and for which the architect justly or unjustly often receives censure. In any event, if the profession generally would be as careful as many prominent members of it now are, in making estimates, both of cost and of time required for the execution of work, its reputation for reliability in these respects would speedily show evidences of the improvement for which it is generally believed there is ample room.

A REVIVAL OF BUILDING ACTIVITY IMMINENT.

AMONG the various evidences of renewed building activity in the East that have been apparent to the close observer for several weeks, perhaps the most convincing is contained in the report of the Bureau of Buildings for Manhattan during February. According to the records just made public, there were during that month plans filed for buildings aggregating \$4,982,900, while for the corresponding month of 1914, the total cost of structures for which plans were filed was but \$1,766,815. This increase of nearly 200% is not accounted for by any threatened legislation of a restrictive character, for the buildings proposed do not belong in any large proportion to a class that would be affected by suggested changes in the laws. In other words, the large amount of construction work about to be undertaken in this city is unquestionably significant of but one thing, and that is a general resumption of building. It has been realized for some months that the conditions which now obtain in the building field were exceptionally favorable to construction work, and also that there was little likelihood of their long continuance. It is not surprising, therefore, to see this early evidence of the expected building revival during the coming year.



INTERIOR DETAIL

SHOP OF MESSRS. E. M. GATTLE & CO., FIFTH AVENUE, N. Y.

MESSRS. STARRETT & VAN VLECK, ARCHITECTS

Modern Shopkeeping Methods

(Continued from page 181)

that is in keeping with its purpose as a shop for the sale of fine jewelry and precious stones.

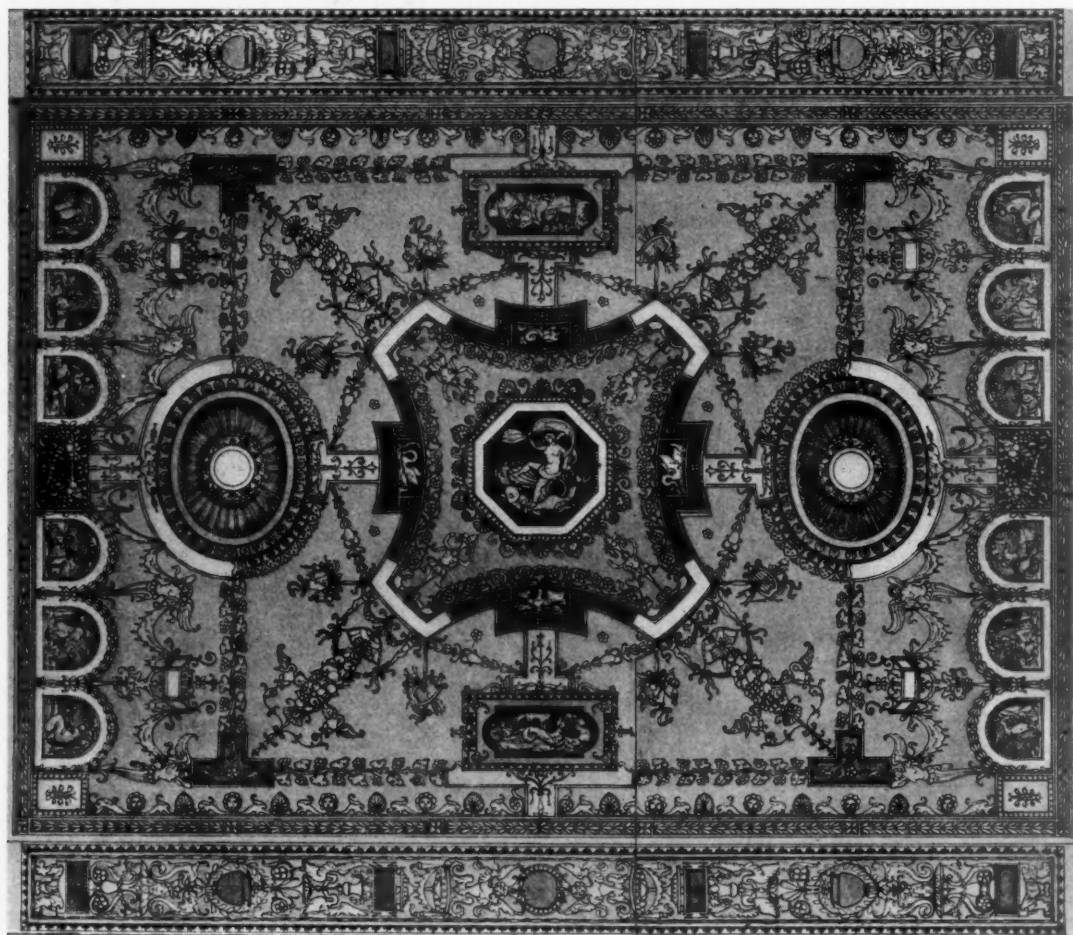
The semi-vaulted ceiling with its decorative treatment in low relief and the pendant crystal lighting fixtures is a pleasing departure from the usual type.

The side walls, paneled and broken by well-proportioned mirrors, are, fortunately for the pleasing effect of the ensemble, devoid of pictures, and rely on their color and

the carefully selected wood to give a pleasing effect without attracting attention from the wares which, quite naturally, are the main objects to be shown.

The showcases with their carefully proportioned heights and their large expanse of glass insure proper illumination and, at the same time, afford the necessary protection for valuable articles.

Who will dispute that with such surroundings the goods take on an added interest and, perhaps, an added value, and that their environment creates an added respect in the minds of the purchasers?



DETAIL OF CEILING

SHOP OF MESSRS. E. M. GATTLE & CO., FIFTH AVENUE, N. Y.

MESSRS. STARRETT & VAN VLECK, ARCHITECTS

CURRENT NEWS AND COMMENT

What Estimating Cost the Contractor

A report prepared by the Illinois Chapter of the American Institute of Architects upon the problem of estimating by contractors under the present methods states that members of the Chapter investigated the office work of five representative contractors. They found that the average number of contracts estimated by each contractor in one year was twenty-two, the average number of jobs which he obtained from these estimates was ten. The average value of the time spent by the office force of each firm on each estimate, including additions by sub-contractors and material men, was \$503. The report points out that the cost of six bids on a building costing between \$100,000 and \$150,000 ran to over \$3,000, that is, between 2 and 3 per cent. of the whole cost of the work.

While the figures to justify it are not at hand it seems to be the impression among New York builders that they have ordinarily been successful in securing nearer 10 per cent. than 45 per cent. of the work estimated upon. If they could secure 10 out of 22 contracts figured they would consider themselves peculiarly fortunate.

Springfield, Ill., Architects Organize

The architects of Springfield, Ill., have organized a body to be known as the Associated Architects of Springfield. W. H. Conway was elected president, and Murray Hanes, secretary.

San Francisco Chapter, A. I. A.

With their customary hospitality, the San Francisco Chapter, A. I. A., entertained on February 13, a number of foreign architects, visiting San Francisco in connection with the representation of their respective Governments at the Panama-Pacific International Exposition. The guests on this occasion were: Henri Guillaume, of France;

J. H. Berner, of Norway; Francisco Centurion, of Cuba; C. J. Oakeshott and J. C. Morrel, of Australia; E. Wright, of Canada; G. Takeda and B. Ito, of Japan, and Henry Hornbostle, of New York.

Cincinnati Chapter, A. I. A.

The recent celebration by the Cincinnati Chapter, American Institute of Architects, of its forty-fifth anniversary was an event of unusual interests in architectural circles in that city.

President George Anderson presided at the meeting and in the course of the program introduced John L. Mauran, of St. Louis; Herbert Briggs, of Cleveland, and Dean Harry, of the University, all of whom made entertaining and instructive addresses.

A banquet preceded the exercises.

The Pending Legislation in North Carolina in the Matter of Licensing of Architects to Practice

The debate on the bill in the North Carolina legislature to create a State Board of Examiners for Architects, was the occasion of some spirited remarks.

It will be remembered that on the occasion of the testimony of Mr. James Knox Taylor, at that time Supervising Architect of the Treasury Department, the chairman of an investigating committee sought to construe Mr. Taylor's statements into an admission that the Institute was in the nature of an architectural trust. This testimony, more or less distorted, was printed broadcast throughout the country, and every effort was made by the Committee on Public Information of the Institute and the architectural press to controvert the mis-statements made by showing how strongly they were at variance with the facts.

We now have an echo of this incident in the fact that during the debate in the North Carolina legislature a member took issue

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against the measure, insisting that it was sought by the profession in North Carolina to create "an architectural trust."

The fate of this measure, which not only receives the endorsement of the profession in North Carolina but is strictly in line with similar measures satisfactorily adopted in many States, will be watched with much interest.

The Crafts Allied to Building

Side by side with the improvement in architectural design which has been strongly marked during the last thirty years, and which, it is to be hoped, will eventually give us a national style which will be comparable to the traditional architecture of past centuries, there has been a great development in the many crafts connected with building. Although this is recognized by many, the greatness of the improvement which has taken place is not sufficient known.

The great charm of the crafts allied to building is that in the present, as in the past, they afford an opportunity for the exercise of much individual skill and design, and are in that respect unlike the great mass of the labor which is expended in the ordinary occupations of building, carried on as they are by more purely mechanical processes. It is hardly to be hoped that in the complex condition of modern civilization we can ever hark back to that element of individualism which gave such charm and interest to our mediaeval work, but we have sufficient evidence in some of the work produced to-day that modern civilization and improved mechanical methods yet leave a place for art, and leave room for the individuality of the worker to assert itself.—*The Builder* (London).

Personals

Mr. Howard W. German, Architect, Dayton, Ohio, announces that he has opened an office in the Schwind Building, that city, where he will practice his profession.

Mr. Joseph E. Salle and Mr. Phillip S. Mewhenney, architects, Birmingham, Ala., announce the formation of a partnership for the practice of their profession. They will have offices in the Woodward building.

Mr. Eugene Buysse has opened offices for the practice of architecture in the University Building, Detroit, Mich., and would be glad to receive manufacturers' samples and catalogues.

The architectural firm of Wachter, Beelman & Schriber, Nicholas Building, Toledo, O., has been dissolved by mutual consent. Mr. Wachter will retain the old office at the above address, and Mr. Beelman and Mr. Schriber, who have formed a partnership under the name of Schriber & Beelman, have opened offices in the Second National Bank Building, in the same city. The new firm will be pleased to receive catalogues and samples of building specialties.

BOOK NOTES

THE PROCEEDINGS OF THE SIXTH NATIONAL CONFERENCE ON CITY PLANNING. Toronto, Ontario, Canada, May 25-27, 1914.

It would be a strong influence in the propaganda of good city planning, if the substantial volume reporting the proceedings of the Sixth National Conference, just received, could have wide circulation and careful reading. While architects know the heavy cost of errors, and how much easier it is to avoid than repair them, the public, with indifference to the general welfare born of ignorance on a subject of such great importance, could learn valuable lessons from reading these proceedings.

It is regrettable that under the very wide latitude granted by our Constitution, many private interests, keeping well within the pale of the law, should be able, in furthering their selfish aims, to work injury to the general welfare. We have not in this country, as in England, any "ancient rights of light and air," and every city plan has grown, to quote from Mr. George McAneny's able address before the conference, "Topsylike."

When the ideas and ideals that are embodied in the addresses made before this conference shall have taken deeper root, and become more common knowledge, the increase in civic pride will have become greater. Then we may hope to see our cities grow in a logical way, resulting in aesthetic, economic, and commercial betterments, and we shall have a consequently happier and better class of citizens.

INDUSTRIAL INFORMATION

Art Metal Furniture and Fittings

The Art Metal Construction Company, Inc., Jamestown, N. Y., with offices in principal cities of this country, has recently issued Catalogue No. 756, together with a number of folders devoted to the fittings of special types of buildings.

The catalogue in question purports to present the most complete line of steel filing cabinets and office furniture ever carried in stock. Within its pages are found illustrated and described standard filing cabinets designed to meet practically every modern commercial need. Cabinets large and small, sectional and solid, are shown, as well as desks, tables and cabinet safes; also a complete line of filing system supplies and steel transfer cases.

"Art Metal" is the result of a quarter of a century devoted to the work of building metal cabinets. It is claimed that Art Metal is a permanent investment, correct in design, substantially built, and finely finished, which embodies every approved filing convenience.

Among the folders mentioned is one illustrating a new product in the form of a vertical plan file, designed especially to meet the requirements of architects and engineers. It is claimed that by means of this plan file more drawings can be stored in less space where they can be consulted with greater convenience than has heretofore been possible by means of any device in use. In addition to these advantages, the plans are protected from fire, water and dust. It is said that this plan file keeps drawings of assorted sizes all flat, and that they are as easy to find as letters in a vertical file, at a saving of over 60 per cent. in floor space, and at a marked saving in cost, compared with ordinary plan drawers. It is stated that one plan file holds 3,000 drawings, extends only twenty inches from the wall when closed, and about thirty inches when opened. Compression springs support sides of steel pocket so that no matter what size or how thin the sheets, they never crumple down. To operate the plan file, it is only necessary

to raise the cover and draw the front forward. This automatically opens the tops of pockets so that drawings in the folders or the folders themselves can be easily picked out. The inner side of cover has ten cards in metal racks. Cards are ruled for indexing drawings in the plan file, insuring quick reference to any drawing.

It would seem as though a device possessing all the advantages claimed for this would meet with ready sale among architects and engineers. This folder and catalogue referred to, and the special catalogues showing steel filing devices, fixtures and furniture for public buildings, for banks and for libraries will be sent to architects upon request.

Concrete Piles

An exceptionally interesting treatise on the subject of Concrete Piles has just been published by the Raymond Concrete Pile Company, 140 Cedar Street, New York City, with branch offices in all principal cities.

In a foreword to this work, attention is called to the changes in the type of foundations that have occurred in modern times. It is stated that when Bramante and Michelangelo designed St. Peter's Church, they directed their builders to "lay" a foundation. It is believed that if they were alive today and were designing a modern building of great weight, they would say "drive a foundation."

The architectural monuments of the past "lie" upon the earth's surface like boulders in a wheat field. Modern buildings thrust their roots far below the surface and stand as sturdy as the oaks of the forest. In fact, the foundations of the structures of today differ as much in character from those of ancient times as do the buildings themselves.

It is stated that the first Raymond "made in place" concrete pile was driven in 1901, and the insidious element of doubt which had heretofore attached to the foundations of practically all buildings except those laid

THE AMERICAN ARCHITECT

upon the rock was with that initial operation eliminated.

From the photographs and descriptions which appear in this work, the methods employed in driving a Raymond spirally reinforced pile shell into the ground by means of a collapsible mandrel, and how the mandrel is removed and the shell inspected throughout its entire length to insure perfection, and finally how it is filled with concrete, are made plain.

It is claimed that while the first cost of a Raymond pile is somewhat greater than that of a wooden pile, its adoption is like money deposited in a savings bank. It draws compound interest in the form of confidence in the stability of the building.

Included in this treatise are views of a great many prominent buildings that are resting on Raymond "made in place" concrete piles, and a list of architects and engineers who have used them, among which are to be noted some of the most prominent in the country.

The booklet is unusually well prepared, printed on coated paper, and presents data regarding dimensions of piles and other arrangements in foundations and formula for completing carrying capacity, which will be of undoubted value to practicing architects and engineers. To any of these the work will be sent upon application.

Presto Sanitary Radiators

Under the above title, the Pressed Metal Radiator Company, Pittsburgh, Pa., has issued a booklet describing its product. It is stated in connection with a description of Presto sanitary radiators that they were devised to meet the modern necessity for refined compact radiation, that combines sanitation, durability, and quick uniform heat distribution at a minimum expense for fuel. It is stated that Presto radiators provide efficient heating as compared with the usual type, but present a less bulky appearance, are remarkably light and durable, and that their ability to radiate and diffuse heat quickly creates a sense of coziness and well being that is only surpassed by their health creating qualities of cleanliness and sanitation.

It is claimed that these radiators occupy one-quarter less space and weigh one-third the amount of other types. It is therefore feasible to attach them directly to the walls without producing undue strains; thus the space underneath is kept free and unobstructed, providing ample room for easy cleaning. The wide space between sections affords ready access to every part, and the smooth even surfaces are as easily dusted as a piece of furniture.

The pamphlet referred to, which provides a great deal of data concerning these radiators is illustrated both by cuts of radiators and buildings in which they have been installed. It will be sent to architects upon request. This pamphlet represents the beginning of a series of booklets now being prepared, which are intended to constitute a complete exposition of this product and its uses.

Stewart Iron Fences

The Stewart Iron Works Company, Cincinnati, O., has recently issued a booklet of designs designated Book "A." This presents, by means of half-tone reproductions, a wide variety of designs for fences, gates and enclosures executed in iron by this company. Data concerning height, size of material, and other information concerning the various examples, is given, sufficient to enable any one interested in a particular design to determine its limitations or adaptability to certain conditions.

The book will be furnished to architects making application for it.

American Elevators

The American Elevator and Machine Company, Inc., Louisville, Ky., has recently prepared for free distribution among architects, a looseleaf catalogue which illustrates with data referring to each style of mechanism, the various types of elevator machinery manufactured by this concern.

This pamphlet would seem to be of value to those engaged in the installation or design of elevator equipment.

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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.

MOBILE, ALA.—Plans are being prepared by Architects Hutchinson & Denham, Peoples Bank Building, for a one-story frame bungalow, to be erected in this city for Paul Damna. Bids will be opened about April 1st.

CALIFORNIA

ANAHEIM, CAL.—It has been announced that Messrs. Reuther and Hosea of Los Angeles, have purchased the twenty-acre orange grove, north of the sugar factory here, and expect to erect a meat-packing plant on the property as soon as trees have been taken away. Building and equipment will cost in the neighborhood of \$50,000.

GRIDLEY, CAL.—F. Fink is having plans prepared for a new motion-picture theatre building to be erected here in the spring.

OAKLAND, CAL.—The board of education of this city will receive bids for the erection of the Tompkins School, to be located on the southerly side of 5th Street, between Linden and Chestnut streets, between 4:30 and 5:30 o'clock in the afternoon of March 23rd, 1915, according to plans prepared by Supervising Architect John J. Donovan.

SAN DIEGO, CAL.—John D. Spreckles of this city will probably erect a five-story fireproof structure on Broadway, opposite the court house, to be leased for City Hall purposes. Structure will represent an expenditure of about \$500,000.

SAN FRANCISCO, CAL.—Real estate men of this city, represented by Architect John W. Woollett, Newhall Building, closed negotiations for a lease of the Physicians Building property, at Tenth and K streets, which will result in the erection of a six-story modern office building on the property. Structure will cost in the neighborhood of \$250,000.

SARATOGA, CAL.—Members of the Foothill Club are planning the erection of a new clubhouse, and plans for the structure will be prepared by Miss Julia Morgan, an architect of San Francisco.

CONNECTICUT.

MILFORD, CONN.—A new town hall will be erected in this city at a cost of between \$75,000 and \$125,000. It will be located on the site of the present structure.

WATERBURY, CONN.—Architect George W. Kramer and Sons, 1 Madison avenue, New York City, have completed plans which are now out for bids, for the new church edifice to be erected at the corner of Grove street and Central avenue for the First Baptist Church.

DELAWARE.

FARNHURST, DEL.—A new building, costing \$60,000, will probably be erected for the Delaware State Hospital for the Insane here.

REHOBOTH BEACH, DEL.—Charles S. Horn, owner of the Royal motion-picture theatre here is planning to erect a new photoplay house in Rehoboth avenue. It is Mr. Horn's intention to convert the building in which his Royal theatre is located into a store.

WILMINGTON, DEL.—Architect Roscoe C. Tindall, Equitable building, has prepared plans for a garage and warehouse to be erected at Third and French streets for Anthony Jacoby.

Alterations will be made to the National Machine Company at Fifth and Orange streets, according to plans prepared by Architect Roscoe C. Tindall, Equitable building.

Plans have been prepared by Architect Wallace Eugene Hance, Equitable building, for a row of two-story brick houses to be erected at Nos. 209-11-13-15 South Harrison street for Emil Peterson.

DISTRICT OF COLUMBIA.

WASHINGTON, D. C.—Architect William F. Wagner, 1330 13th street, Northwest, has completed sketches for a new dormitory to be erected at Trinity College, Brookland, at a cost of about \$40,000.

WASHINGTON, D. C.—The Cleveland Park School and Community Association is considering the erection of a new school building in Cleveland Park.

GEORGIA.

AUGUSTA, GA.—The Pilgrim Life Insurance Company of this city will soon award a contract for the erection of a three-story office building, in this city, to cost about \$30,000.

ROME, GA.—Bids will be received by Mayor J. D. Hanks, this city, until noon, March 22, for the erection of the new municipal building to be erected on the northeast corner of Broad street and Sixth avenue. Plans were prepared by Architect A. Ten Eyck Brown, 607-10 Realty Trust Bldg., Atlanta.

TYBEE, GA.—The Hotel Bon Air Castle, recently destroyed by fire will probably be rebuilt by J. W. Hester, the owner.

ILLINOIS.

CHICAGO, ILL.—H. H. Wessell, 25 North Dearborn street, is having plans prepared for a new one-story theatre and store building.

CHICAGO, ILL.—Architects Graham, Burnham & Co., Railway Exchange Building, have prepared plans for the proposed \$2,000,000 building for the W. W. Kimball Company. New structure will be erected on the site of the present Kimball Hall, at the southwest corner of Wabash avenue and Jackson Boulevard. Curtis N. Kimball is president of the company.

DU BOIS, ILL.—The school board, at a recent meeting, approved the plans for the proposed \$60,000 building for Du Bois School.

GALESBURG, ILL.—Plans for the new armory building for this city are being prepared in the office of State Architect James B. Dibelka, 29 South La Salle street, Chicago, Ill.

INDIANA.

ELLETTSVILLE, IND.—Plans have been completed for a new \$20,000 high school building to be erected here.

FORT WAYNE, IND.—Mayor S. F. Spohn, of Goshen, Ind., has purchased from Charles S. Bash, part of the bank block at Court and Main streets in this city, and will erect a modern fireproof office building on the site in the early future.

INDIANAPOLIS, IND.—The board of public works has announced that Architect J. Edwin Kopf will prepare plans for a new fire engine house to be erected in Shelby street.

KENDALLVILLE, IND.—The board of education of this city has selected Architect C. R. Weatherhogg, Hamilton National Bank building, Fort Wayne, to prepare plans and specifications for the proposed new high school building to be erected on the site east of the Central school. Building will cost \$40,000.

ROCKFORD, IND.—A new courthouse and a new county jail building will probably be constructed here in the early future.

IOWA.

DAVENPORT, IA.—The board of managers of St. Luke's Hospital contemplate the erection of a new hospital building in the early future. Nothing definite has been decided in this matter.

DES MOINES, IA.—The Iowa Women's Christian Temperance Union will erect a \$20,000 building here for Benedict Home, as a memorial to Mary Chase Coffin, wife of the late Father L. S. Coffin of Fort Dodge. It will be located on a tract of land north of College avenue and east of 27th street. Plans for the structure were prepared by Architect Norman Vorse, this city.

MISSOURI VALLEY, IA.—This city has voted school bonds in the amount of \$80,000, with which to erect a new high school building.

OELWEIN, IA.—The trustees of the Phillips Estate have commissioned Architect J. F. Leitha, Waverly, to prepare plans for their new store and apartment building to be erected at a cost of \$20,000.

KANSAS.

CALDWELL, KANS.—Dr. H. E. Carver will erect a new residence in this city.

DODGE CITY, KANS.—Ote & Merritt Beeson have made arrangements for the erection of a new \$30,000 fireproof theatre building in this city.

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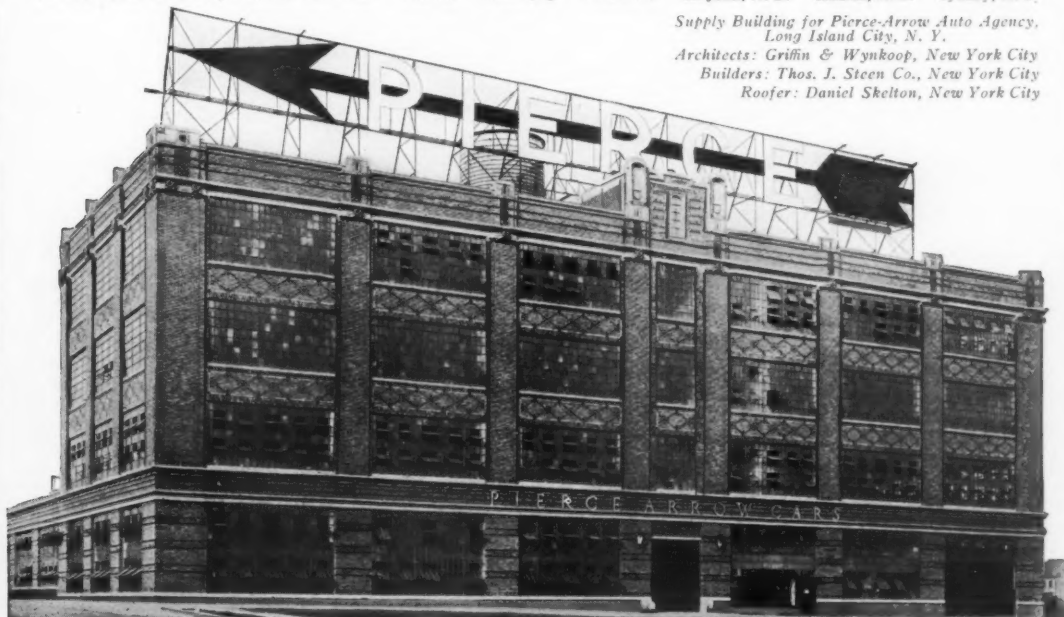


Supply Building for Pierce-Arrow Auto Agency,
Long Island City, N. Y.

Architects: Griffin & Wynkoop, New York City

Builders: Thos. J. Steen Co., New York City

Roofer: Daniel Shelton, New York City



ELDORADO, KANS.—W. E. Rowell is planning to erect a two-story theatre building in this city.

HERINGTON, KANS.—A new Masonic Temple is to be erected in this city in the spring.

HUTCHINSON, KANS.—Plans are being prepared by W. E. Hulse & Co. for a two-story theatre building to be erected at a cost of \$60,000.

MCPHERSON, KANS.—A special election will be held soon to vote bonds in the sum of \$40,000 for a new school building.

TOPEKA, KANS.—It has been announced by Catholic officials of this city that the Chester Thomas property, northeast corner of Tenth and Clay street, has been purchased as the site of the Holy Name Catholic Church to be erected in this city for members of the faith living west of Topeka avenue and south of Kaw river. New edifice will cost \$25,000. Father John Murphy will have charge of the church.

KENTUCKY.

LEXINGTON, KY.—A new freight depot is to be erected at the corner of Patterson and Vine streets, this city, for the Louisville & Nashville railroad. Cost will be about \$80,000.

LOUISVILLE, KY.—The Board of Church Extension, South, will erect a two-story building on a site two doors south of the Fourth Avenue Methodist Church, Fourth and St. Catherine streets.

MARYLAND.

BALTIMORE, MD.—Architects William O. Sparklin and George S. Childs are preparing plans for two and one-half-story dwelling, to be erected at Mayfield, on the Hartford road, for Charles J. Dobler.

At a recent mass meeting held in the Union Baptist Church, the erection of a new and modern building for the Colored High School was urged. Gough D. McDaniels, president of the Alumni association of the school presided over the meeting.

The Southern Can Company, located in South Wolfe street, is preparing to enlarge its plant. The company recently purchased some adjoining property for this purpose.

Architects Ellicott & Emmart, Union Trust Bldg., have prepared plans for alterations and an addition to the country place of Dr. Hugh H. Young, on Cold Spring lane.

George Klein has filed plans which were prepared by Architect Stanislaus Russell, 2900 Clifton avenue, for the construction of twenty-eight two-story brick dwellings on the east side of Bentalou street, between Baker and Presbury streets.

BALTIMORE, MD.—Architect Oliver B. Wight, Munsey Building, is preparing plans for a new playhouse to be erected on the south side of North avenue, west of Charles street, for the Northern Amusement Company, H. W. Webb, president. Cost, \$100,000.

Plans for a new three-story business building, to be erected at 305 West Lexington street, are being prepared by Architect John Freund, Hoffman Building.

BALTIMORE, MD.—Architects Parker, Thomas & Rice, Union Trust building, have prepared plans for a twenty-two-story office building to be erected on sites comprising the southeast corner of Lexington and Liberty streets. Harry E. Karr, attorney, is representing the interests behind this project.

EASTON, MD.—George O. Grossnickle of the firm of Collins & Grossnickle has purchased a site in College Park, upon which he will erect a new residence.

MASSACHUSETTS.

AMHERST, MASS.—This town has voted to erect a new high school building to cost about \$90,000.

BERKELEY, MASS.—A new Carnegie Library building is soon to be erected in this city.

BOSTON, MASS.—Plans have been prepared by Architect C. H. Blackall, 20 Beacon street, for a brick and stone mercantile and office building, to be erected at 364-366 Washington street.

BOSTON, MASS.—At a cost of \$30,000, Frank B. Crane of 1272 Dorchester avenue, will build a one-story moving-picture theatre building.

BOSTON, MASS.—An addition, costing \$600,000, will probably be erected to the State House.

CHICOPEE, MASS.—The school committee has accepted the plans of Architect George E. Haynes, 311 North street, Pittsfield, for the new high school addition.

DEERFIELD, MASS.—This town has voted to raise \$3,000 with which to erect a new school house in West Deerfield.

EASTHAMPTON, MASS.—A new one-story brick school building will be erected at Mount Tom, at a cost of about \$8000.

EXETER, MASS.—It is stated that a new Catholic Church and parsonage will be erected on the Clark Estate property. Rev. Patrick J. Scott is in charge of the parish.

GREENFIELD, MASS.—A new six-room school building will probably be erected west of Green river, \$24,000 has been appropriated for the purpose of buying a site and erecting the building.

GROTON, MASS.—A new structure is to be erected for the Odd Fellows of this city, to replace the building destroyed by fire some time ago. George I. Lawrence is a member of the building committee.

LYNN, MASS.—A new \$100,000 home for the Vallodolid Council, Knights of Columbus, of this city, is to be erected this spring on a site on North Common street near the Lynn Public Library.

NEWTONVILLE, MASS.—A new cement building, containing squash courts, locker rooms, shower baths, and swimming pool, will probably be erected soon for the Newton Club, on Walnut street. This structure will cost about \$10,000.

NORTON, MASS.—An addition will be erected to the high school building at a cost of \$15,000.

PITTSFIELD, MASS.—Arthur N. Cooley will have his residence at 180 South street razed to make room for a new house which he is planning to have erected on the site.

SOUTH SALEM, MASS.—The William Perry property, in Lafayette place, has been purchased by D. E. Murray, who will erect a dwelling house on the property for his own occupancy.

Dr. Horace Porier has bought a site at the corner of Lafayette street and West Place, upon which to erect his proposed new home.

SWANSEA, MASS.—Mrs. Frank S. Stevens has given \$50,000 to this town with which to erect a new high school building. This town is a suburb of Fall River.

WEBSTER, MASS.—H. J. Steinberg, Old South Building, Boston, is having plans prepared for a theatre building here, to cost \$40,000.

WEST MANSFIELD, MASS.—A new \$15,000 school building will be erected here.

WHATELEY, MASS.—The sum of \$17,000 will be appropriated for the erection of a new four-room school building in the eastern part of the town.

WORCESTER, MASS.—A new four-story store and lodge building is soon to be erected for Worcester Aerie of Eagles, at 695 Main street.

MICHIGAN.

BATTLE CREEK, MICH.—Lipp & Cross will soon begin the remodeling of their Queen Theatre, in this city.

DETROIT, MICH.—A one-story theatre building will be erected here by Hugo Scherer, 280 East Jefferson street.

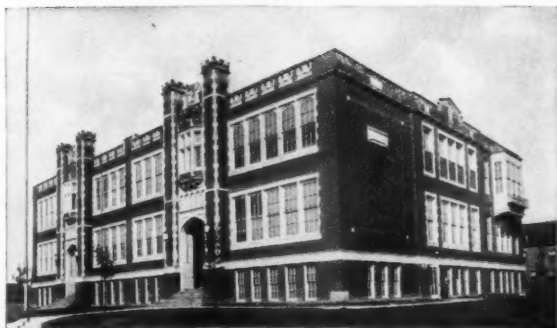
DETROIT, MICH.—A seven-story addition for the Masonic temple in this city is being planned by Architect George D. Mason. It will be erected on the south side of Lafayette boulevard, adjoining the temple.

GRAND RAPIDS, MICH.—An addition, costing \$8000, will be erected to the Sunday-school of Westminster Presbyterian church. The pastor of this church is Rev. John T. Thomas.

HASTINGS, MICH.—A special election will be held on March 16th for the purpose of voting for the erection of a school house to cost \$83,000.

NORTH SAGINAW, MICH.—The North Saginaw Amusement Company will erect a motion-picture theatre and office building on West Genesee avenue. W. F. Hemmeter is president of the company.

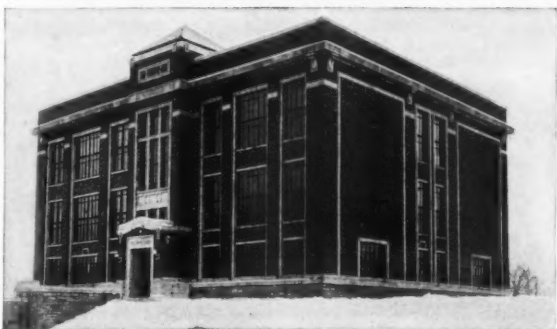
SAGINAW, MICH.—The Purity Theatre and Photoplay Company proposes to erect a new building in North Saginaw, according to plans prepared by Architect H. B. Hoffman, Detroit.



Crafton School, Pittsburgh, Pennsylvania
Press C. Dowler, Architect, Pittsburg. Kewanee Smokeless Boilers Installed



Champaign High School, Champaign, Illinois
Spencer & Temple, Arch., Champaign. Kewanee Smokeless Boilers Installed



E. C. White School, Kansas City, Missouri
C. A. Smith, Architect, Kansas City. Kewanee Smokeless Boilers Installed



Regis School, New York, N. Y.
Meginnis & Walsh, Architects, Boston. Kewanee Smokeless Boilers Installed



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MINNEAPOLIS



MINNESOTA.

CARLTON, MINN.—The school board is having plans made for the reconstruction of the school building recently destroyed by fire.

MINNEAPOLIS, MINN.—Herman Loss, 1223 Knox avenue, is having plans prepared for a one-story theatre building, to be erected at a cost of \$9000.

ST. CLOUD, MINN.—William F. Peters of the Peters Tailoring Company will erect a two-story building on a site south of the Elks Home. Cost of building will be about \$10,000.

MISSOURI.

NEVADA, Mo.—Architect J. F. Thompson, Massachusetts Building, Kansas City, is preparing plans for a two-story motion-picture theatre building to be erected in this city.

MONTANA.

BUTTE, MONT.—Plans for a new building for the Butte County Club have been completed by Architects Wilson & Cutting, Electric building. New structure will be erected upon the site of the old building destroyed in a recent fire. Cost will be about \$20,000.

NEBRASKA.

LINCOLN, NEB.—A new ten-story Security Mutual Building will be erected here at a cost of from \$150,000 to \$175,000.

NEVADA.

CARSON CITY, NEV.—Architects Bliss & Faville, Balboa building, San Francisco, Cal., have prepared plans for the proposed new Agricultural Building, to be erected for the University of Nevada, at a cost of \$80,000.

NEW HAMPSHIRE.

MANCHESTER, N. H.—Kimball & Brown, 1168 Elm street, are preparing plans for the remodeling of a store building into a modern motion-picture theatre.

NEW JERSEY.

ATLANTIC CITY, N. J.—Architect William S. Hewitt, Bartlett Building, is preparing plans for a one-story theatre and store building to be erected at a cost of \$12,000.

GREENVILLE, N. J.—The erection of a new public school building for this city is being planned.

JERSEY CITY, N. J.—Joseph Smith of this city will soon begin the erection of an apartment house at 240 Jewett avenue, between the Hudson Boulevard and West Side avenue, in the Bergen section of Jersey City. Cost, \$18,000.

Laro P. Hansen has filed plans for an apartment house, costing \$28,000, to be erected at 32 Fairview avenue, between Monticello and Bergen avenues.

A three-story apartment building, costing \$10,000, is to be erected at 1776 Hudson Boulevard, between Cator and Terhune avenues, in the Greenville section of the city. Plans for this structure were filed by Alice M. Borgarus.

Kearney Council, No. 261, J. O. U. A. M., has voted to purchase property at the corner of Smith and Union streets from the Interstate Telephone Company, upon which to erect a new clubhouse, to cost \$35,000.

NEWARK, N. J.—Architect Edward V. Warren, 22 Clinton street, has filed plans for alterations to the Family Theatre, at Washington and Marshall streets, for R. A. Rodel, of 160 West 28th street, New York. This improvement will probably cost \$40,000.

NEWARK, N. J.—Edward W. McDonough, 207 Market street, will shortly erect a modern theatre building, to be leased by Meyer & Singer Co., 306 Market street. Cost of structure will be about \$100,000.

NEWARK, N. J.—Architect Michael B. Silberstein, 17 Market street, has completed plans for a two-story brick shop and apartment building, to be erected at 200 Belmont avenue, for Abraham Rudowsky.

NEW BRUNSWICK, N. J.—The board of education will receive bids for the erection of the new High School building at a special meeting, April 6th, at 8:00 o'clock.

PASSAIC, N. J.—A new building is to be erected for School No. 12 in this city.

PATERSON, N. J.—Architect Thomas W. Lamb, American Theatre building, 644 Eighth avenue, New York City, will prepare plans for the proposed new theatre building for this city, to be known as the Victoria. This structure will be erected by D. J. Bondy, and will be located on Church street.

PLAINFIELD, N. J.—Bonds in the amount of \$100,000 will be sold, proceeds to be used for the erection of a new school building in Evergreen avenue.

SOUTH ORANGE, N. J.—South Orange Lodge, B. P. O. E., has purchased a site at South Orange and Fairview avenues, upon which to erect a new home.

SOUTH RIVER, N. J.—A new building is to be erected at the corner of Main and Stephen streets for the National Bank.

TRENTON, N. J.—The Grounds and Building Committee will probably advertise for bids soon for the erection of the Junior High School, on the old Almshouse site.

NEW YORK.

BINGHAMTON, N. Y.—A new \$24,000 City Hospital Maternity Ward building is to be erected in this city. The necessary funds for the building have been secured, and plans will now be prepared for the structure. M. H. Sweeney is president of the board of trustees of the hospital.

A bill appropriating \$100,000 for a new Federal building in this city has been passed.

BROOKLYN, N. Y.—Plans have been prepared by Architect W. T. McCarthy, 16 Court street, for a four-story apartment building to be erected on the east side of Ocean avenue, north of Albemarle road, at a cost of \$80,000, for Wolfinger & Lasberg.

BROOKLYN, N. Y.—The Whitney Theatre Company of this city, Alphonse Sterek, President, which company owns the Whitney theatre, at Myrtle avenue and Fresh Pond road, plans to erect an annex to the building. Tentative plans have been prepared for the addition.

Robert Farrell, real-estate broker, whose office is located on Flatbush avenue, near Sixth avenue, is conducting a \$50,000 building operation at the corner of Fifth and Bay Ridge avenues. There will be four three-story buildings, with stores on the Bay Ridge avenue side of the plot, and three buildings on the Fifth avenue side. Plans for the structures have been prepared by Architect Thomas Bennett, Third avenue and 52d street.

The Ross Land Company will erect a six-story brick structure at 331 Keap street, at a cost of \$50,000.

Plans are being prepared by Architect W. T. McCarthy, 16 Court street, for a four-story apartment house to be erected on the east side of Ocean avenue, north of Albemarle road, for Wolfinger & Lasberg, 346 Broadway, New York City. Cost, \$80,000.

BROOKLYN, N. Y.—Plans have been filed for two four-story brick apartment buildings to be erected on the north side of St. Mark's avenue, east of Hopkinson avenue, for Samuel Sussulsky. Cost, \$23,000.

BROOKLYN, N. Y.—Shampan & Shampan, 772 Broadway, have prepared plans for a new apartment building, costing \$83,000, to be erected on the north side of Ross street, east of Bedford avenue.

The property owners in the vicinity of Public School No. 54, Walworth street, near Myrtle avenue, are hoping to have a new school building erected in the district in place of the present one.

Calendo & Cordi has purchased through B. J. Sforza a plot of ground at the northwest corner of Fifteenth avenue and 62nd street. The purchaser will erect a four-story apartment building on the site.

CHATHAM, N. Y.—A new school building is soon to be erected in this city.

COHOES, N. Y.—A new postoffice building will probably be erected at the southeast corner of Ontario and Mohawk streets. An appropriation of \$140,000 for the purchase of a site and the erection of the building has been made.

ELMHURST, L. I., N. Y.—The members of the Elmhurst M. E. Church are endeavoring to raise funds with which to erect a new church edifice. Rev. H. B. Belcher is pastor of this church.

GLENDALE, N. Y.—Plans have been filed in the Queens Bureau of Buildings by Maurice Goddman, for ten two-story brick dwellings to be erected on the west side of Meade street, north of Myrtle avenue, at a cost of \$5000 each.

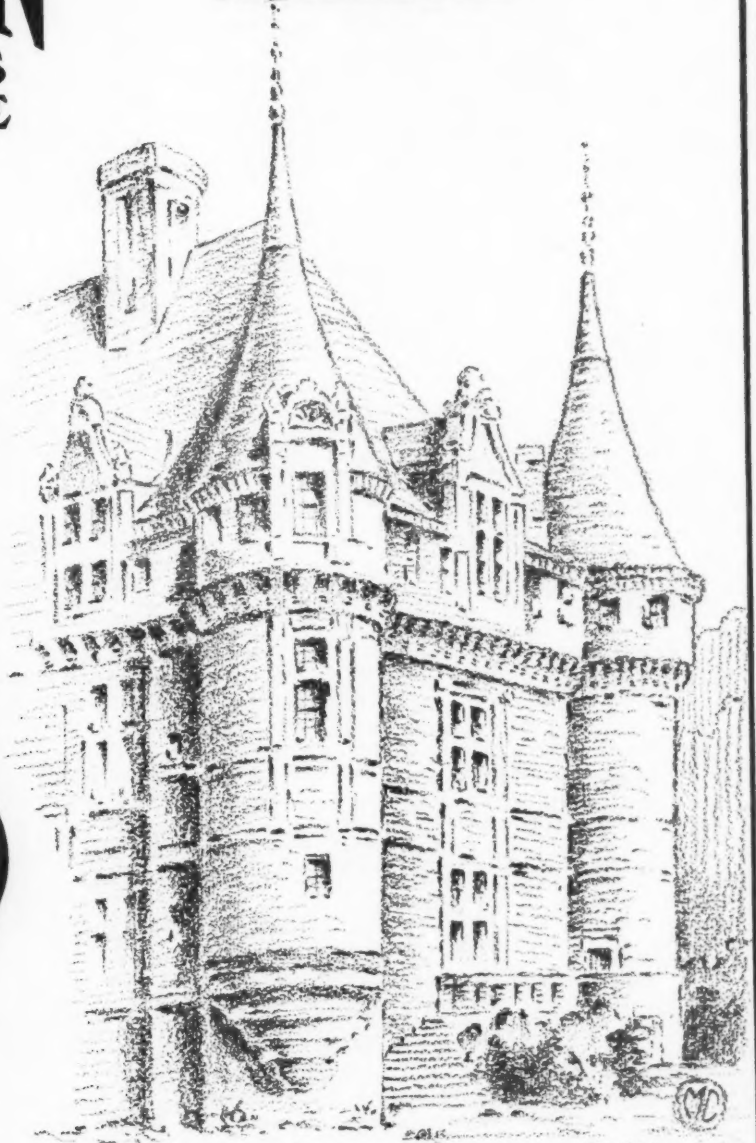
Henry Buser and Adam Pfeindstein will erect one three-story brick store and apartment building on the north side of Myrtle avenue, east of McKinley, at a cost of \$20,000.

IRONDEQUOIT, N. Y.—A new school building is to be erected on the Point Pleasant road here, a short distance south of Sea Breeze. Plans for the structure

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RUSSELL & ERWIN MFG. CO., of Chicago
73 East Lake St.

have been completed by Architect Howard B. Nurse, Cutler Bldg., Rochester.

JAMESTOWN, N. Y.—Architects Green & Wicks, Buffalo, have prepared plans for a military institute, which men of this city and nearby cities propose to establish at Cheney's Point, facing Chautauqua Lake. Cost will be about \$300,000.

LAKE PLACID, N. Y.—The erection of a new town hall for this place is being contemplated. Tentative sketches for a building have been presented by Architect Floyd E. Brewster.

LONG ISLAND CITY, N. Y.—Robert E. Adolf, of Jamaica, is planning to build an apartment building in Union street, at a cost of \$100,000.

LONG ISLAND CITY, N. Y.—A row of four-story apartment buildings will be erected on Union street, this city, for Robert E. Adolph. Cost, \$100,000.

LONG ISLAND CITY, N. Y.—A new post office will be erected on a site in Van Alst avenue, between Ninth and Tenth streets, this city.

LONG ISLAND CITY, N. Y.—Matthew J. Smith will erect two five-story apartment buildings in Jamaica avenue and Fifth avenue, this city, at a cost of \$80,000.

LONG ISLAND CITY, N. Y.—A five-story brick apartment building will be erected on the south side of Jackson avenue, east of Orchard street, by Jere F. Ryan. Cost, \$25,000.

MALONE, N. Y.—The Elks of this city are planning to erect a \$20,000 addition to their clubhouse on Elm street, this village.

NEW HARTFORD, N. Y.—Architect T. P. Barnett Company, Century building, St. Louis, and Edward J. Berg, Utica, N. Y., associate architect, have completed plans for the new building for St. Elizabeth's hospital and Home, to be erected in this city at a cost of \$200,000. It will be located at 761 Genesee street.

NEW YORK CITY.—The Tremont Architectural Company, Webster and Tremont avenues, has filed plans for five-story apartments to be erected by Daniel Houlihan at the southeast corner of Briggs avenue and 199th street. Cost, \$110,000.

The New York School of Music and Arts has leased from Solomon Schinasi the five-story dwelling at the north corner of Central Park West and 95th street. Alterations will be made to this building for the school, which is now located at 58 West 97th street. L. J. Phillips & Company were the brokers in this transaction.

Architect Robert T. Lyons, 505 Fifth avenue, has filed plans for a nine-story apartment building to be erected by the No. 149 East 40th Street Company, at a cost of \$125,000.

Plans prepared by Architects Schwartz & Gross, 347 Fifth avenue, have been filed by the John M. Slattery Building & Construction Company for a twelve-story factory and store building to be erected at Nos. 44-46 East 25th street. Cost, \$200,000.

The F. & H. M. Realty Company have filed plans for the construction of a twelve-story modern office building, at 1562 Broadway, adjoining the Palace Theatre.

NEW YORK CITY.—The Finch School for Girls has purchased from Guerdon C. Brinerhoff, the dwelling property at 54 E. 78th street, between Park and Madison avenues, for the purpose of building an addition to the present school building at 61 and 63 E. 77th street. Plans for this addition have been prepared by Architects Harde & Short, 3 W. 29th street.

The members of the Lebanon Hospital Association contemplate the erection of a five-story addition to the hospital building. This is located at Westchester and Caldwell avenue, Bronx. Jonas Well is president of the association, and has urged that tentative plans be adopted for the proposed addition.

Plans have been filed by Architect George F. Pelham, 30 E. 42nd street, for a five-story brick apartment building, costing \$50,000, to be erected on Crotona Park North, east of Prospect avenue, for the Treown Company, Inc., Fred F. French, 27 Cedar street, president.

Plans for alterations, costing \$5000, to a dwelling at the corner of 252nd street and Independence avenue, owned by Mrs. Nash Rockwood, have been filed by Architect H. T. Child, 29 Broadway.

The County Engineering Company has purchased from Dr. Walter J. Clark, a plot at the northeast corner of

Fort Washington avenue and 169th street, upon which to erect a six-story house.

Architect Lloyd I. Phyfe, 970 Anderson avenue, has filed plans for a one-story brick garage to be erected on University avenue, corner Featherbed Lane, by the Hillcrest Building Company, Louis Meckes, 950 Ogden avenue, president. Cost, \$9000.

At a cost of \$90,000, the N. S. and J. Corporation will erect a six and a five-story apartment building at the corner of Audubon avenue and 180th street, according to plans prepared and filed by Architects Schwartz & Gross, 347 Fifth avenue. Harry Jacobs, 628 W. 151st street, is president of the corporation.

Plans have been filed by Architects Moore & Landseid, 148th street and 3rd avenue, for a six-story apartment building to be erected on St. Nicholas avenue, near 145th street, for James O'Brien, 647 Sixth avenue.

Plans prepared by Architect E. Roth, 405 Lexington avenue, have been filed for a one-story church and a three-story parsonage, to be erected on 68th street, west of First avenue, for the First Magyar Reformed Church of New York, 349 E. 68th street. Cost, \$32,000.

Plans have been filed by Architect D. Candler, 105 West 40th street, for alterations to five and seven-story shops and bachelor apartments at the corner of 5th avenue and 58th street, owned by the Mary Mason Jones Estate, 16 Exchange Place. Cost, \$70,000.

NEW YORK CITY.—Architects Goldner & Goldberg, 391 E. 149th street, have prepared plans for a five-story brick apartment building, costing \$50,000, to be erected on the west side of Prospect avenue, north of Tremont avenue, for Morris Silverman, 1830 Clinton avenue.

Plans have been prepared by the Tremont Architectural Company, 401 E. Tremont avenue, for two five-story brick apartments and stores to be erected on the west side of Creston avenue, north of Fordham Road, for Henry F. A. Wolf Co., 549 E. 138th street. Cost, \$110,000.

At a cost of \$42,000, a five-story brick apartment building will be erected in Crotona Park North, east of Prospect avenue, for the V. R. Building Corp., 900 Fox street, according to plans prepared by Architect C. B. Meyers, 11 Union Square West.

POUGHKEEPSIE, N. Y.—J. E. Andrews has purchased the Kirchner property at 360-362 Main street, and is planning to raze the present building and erect in its place a three-story modern structure.

SENECA FALLS, N. Y.—Matthew Hamill, formerly owner and proprietor of the Franklin Hotel at Bridge street, has purchased the Edgemere property, south of Cayuga Lake Park, and will erect a modern summer hotel building thereon.

UTICA, N. Y.—The Savage Arms Company has announced that it will immediately double the size of its plant in this city.

WATERTOWN, N. Y.—Harold Conde, vice-president of the Conde Hardware Company, will erect a house in Flower avenue, west, some time during the coming summer.

WESTTOWN, N. Y.—A new school building is soon to be erected here. A site for the building has not yet been selected.

WOODMERE, L. I., N. Y.—Members of the Woodmere Social Club are planning to build a new clubhouse. Dr. E. C. Smith is president of the club.

NORTH CAROLINA.

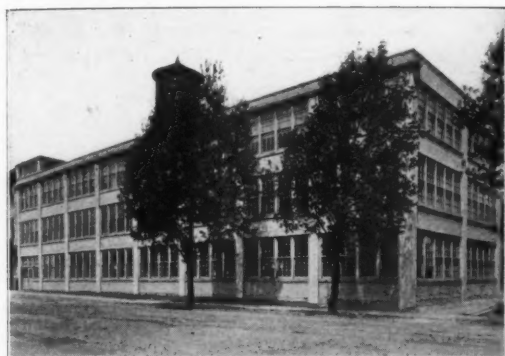
GREENSBORO, N. C.—The city commissioners have purchased a site on lower East Washington street, on which it is planned to erect a school for negroes.

OHIO.

CAMBRIDGE, O.—C. and M. Amusement Company will erect a two-story theatre, store, and office building here, to cost \$30,000.

CINCINNATI, O.—H. M. McGraw, representing New York interests, has selected the Ft. Thomas Highlands, across the Ohio from this city, as the site for a large motion-picture studio. The Highland Film Company is to be the name of the producing concern. Architects Zettel & Rapp, Johnston Building, have charge of the preliminary work connected with the project.

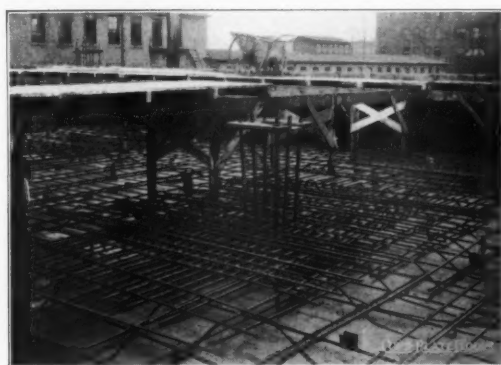
CLEVELAND, O.—Architects Richardson & Yost have prepared plans for a new theatre building on Superior street for Louis Becht, manager of the Mall Theatre Building will cost \$25,000.



Niagara Silk Mills, No. 1, Tonawanda, N. Y.



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COLUMBUS, O.—The new State Building Committee is planning to have a State office building erected, to house State Commissions now having headquarters outside the State House.

DAYTON, O.—Dayton Council No. 500, Knights of Columbus, is planning the erection of a \$20,000 addition to the home of the council, at 27 West Monument avenue.

DAYTON, O.—J. W. Surrell, manager of the Home Telephone, has announced that a \$40,000 sub-station will be erected in East Dayton.

DUNDEE, O.—Architect J. E. Lewis, 156 West High street, New Philadelphia, O., has prepared plans and will receive bids about April 20, 1915, for a brick and stone high school building to be erected here by the Board of Education.

FREMONT, O.—A new \$50,000 Masonic Temple will probably be erected in this city in the early future.

HAMILTON, O.—The county commissioners have appropriated \$5000 for the erection of a new tuberculosis hospital building.

HAMILTON, O.—At a recent meeting of the Official Board of the Church of Christ, it was announced that a new church building will probably be erected soon on Fordon avenue.

LAKEWOOD, O.—A. Greenwald, 1220 Madison avenue, is planning to erect a two-story theatre and store building here, at a cost of about \$40,000.

NEW PHILADELPHIA, O.—Plans for a four-family terrace to be erected for C. R. Lewis are being prepared by Architect J. E. Lewis, 156 West High street, and bids will be received about April 1, 1915.

NORTH LEWISBURG, O.—The A. W. Stover Company, architects, Springfield, will prepare plans for a new high school building to be erected here at a cost of \$25,000.

J. W. Townsend will erect a new motion-picture house in this city, according to plans which will be prepared by the A. W. Stover Company, Springfield.

SANDUSKY, O.—Aerie 444, Fraternal Order of Eagles, of this city, will probably have a new \$40,000 home erected in the early future.

SPRINGFIELD, O.—Plans will soon be completed by Architect R. C. Gotwald, Gotwald Building, for the remodelling of St. Paul's church. Cost of improvement will be about \$8000.

Architect Roy Gable, Bushnell Building, is taking bids for the remodelling of the present store rooms of the M. D. Levy Company, at Main and Fountain avenues.

TOLEDO, O.—The South Side Commercial Club has planned a campaign for a \$500,000 bond issue, to be voted on at the next Municipal election.

YOUNGSTOWN, O.—Harry Fish and David Richards will jointly erect a two-story brick building in Hillman street, between Warren avenue and Regent street. Cost will be about \$10,000.

YOUNGSTOWN, O.—The Youngstown Telephone Company has plans for the erection of a modern fireproof building at 21 East Rayen avenue. Cost will be about \$30,000.

PENNSYLVANIA.

BEAVER, PA.—J. T. Kenan of Pittsburgh is considering the erection of a theatre and store building to cover the four sites owned by him at the corner of Merchant and Fifth street, opposite the post office.

BREDINVILLE, PA.—At a recent meeting of the board of directors of the Butler Township school board, it was decided to give the people of this district a new school house.

CHESTER, PA.—It has been announced by T. Woodward Trainer, secretary of the chamber of commerce of this city that negotiations have been completed for the purchase of part of the old Roach shipyard by a manufacturing concern which will erect a plant thereon, costing \$300,000. This deal was consummated at the office of the Land Title & Trust Company in Philadelphia.

ERIE, PA.—The congregation of St. Stanislaus' church, have had plans prepared for a home for sisters who teach at the Polish school, Twelfth and Wallace streets. Proposed home will be located on East Twelfth street, between Wallace and Ash streets, and will cost between \$25,000 and \$30,000.

HARRISBURGH, PA.—The school board will probably receive bids about June 1 for the construction of the city's proposed new \$75,000 school building, to be erected at Fifth and Mahantongo streets.

MEADVILLE, PA.—Architect Walter G. Harper of this city has completed plans for the new Chemistry building to be erected for Allegheny College.

PHILADELPHIA, PA.—Architects Duhring, Okie & Ziegler, 1218 Chestnut street, are preparing revised plans for a one-story parish house and church, to be erected at 42nd street and Woodland avenue, for the Colored P. E. Church.

William T. Clark has purchased from Carl A. Brown a tract of land on the north and south sides of Sparks street, between 20th street and Ogontz avenue, upon which two-story dwellings will be erected.

Plans are being completed by Architects Henon & Boyle, 14 South Broad street, for a restaurant and bakery building, to be erected at 1520-22 Market street.

Architects Savery, Sheetz & Savery, Stephen Girard building, have completed plans and invited bids for a two-and-a-half-story residence, to be erected on the north side of Cliveden avenue, east of Wissahickon avenue.

Architect Charles Oelschlager, 1011 Harrison Building, is preparing plans for alterations and additions to the theatre building at the southwest corner of Point Breeze avenue and Earp street.

PHILADELPHIA, PA.—Plans have been outlined for the early construction of the new administration building, to be erected from 1519 to 1525 Arch street. Cost, \$500,000.

ROCHESTER, PA.—Bids will be received by the Directors of the School District of this borough on or before March 26, 1915, for the erection of a new high school building at the corner of Adams and Ohio streets, according to plans and specifications prepared by Architect U. J. L. Peoples, 66 and 68 Vandergrift Bldg., Pittsburgh.

SCRANTON, PA.—It has been announced by John G. Hayes, director of the public works department, that the construction of the public comfort station will begin about April 1.

SOUTH CAROLINA.

GREENVILLE, S. C.—The Poe Mill Baptist Church, recently destroyed by fire, is to be erected at once, according to announcement made by F. W. Poe, president of the Poe Manufacturing Company.

TEXAS.

DALLAS, TEX.—Architect William B. Ittner, Board of Education building, St. Louis, Mo., will prepare plans for two new high school buildings and the Winnetka Ward School, for this city.

FORT WORTH, TEX.—Plans for the proposed boys' high school building to be erected on the old Fort Worth University site have been submitted to the school board by Architects Muller & Pollard. Building will cost between \$200,000 and \$250,000.

HOUSTON, TEX.—Gus Sladous will erect a two-story apartment and store building at Crockett street and Houston avenue. Cost, \$10,000.

UTAH.

PROVO, UTAH.—The Knight Woolen Mills have decided to erect a new building for their designing and cutting department.

VIRGINIA.

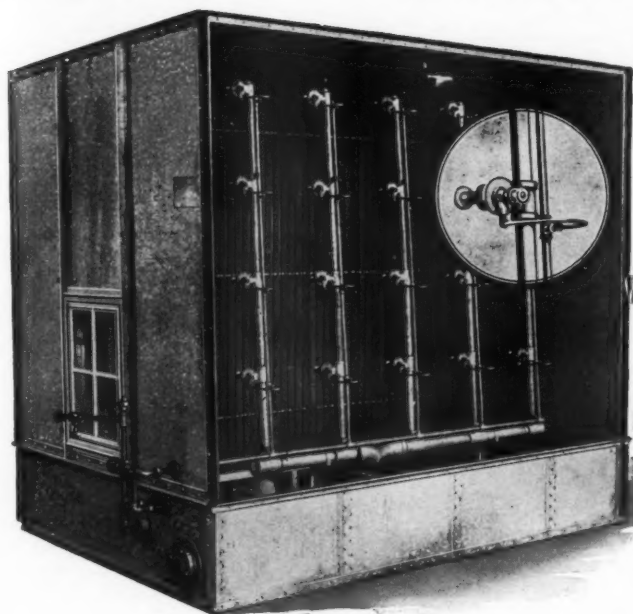
DANVILLE, VA.—Architect James W. Hopper, of this city, and Leakeville-spray, N. C., has prepared plans for a residence, costing \$5000 or more, for E. L. Melton of this city.

WEST VIRGINIA.

WARWOOD, W. VA.—The members of the Methodist church have started a campaign for the purpose of raising \$25,000 for the erection of a church building on their property on Fourteenth street.

WISCONSIN.

MILWAUKEE, WIS.—A new Keith Theatre, to be known as the Palace Hippodrome, is to be erected at Grand avenue and Sixth street, this city.



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Alger & Smith.....	20
Alpha Portland Cement Co.....	23
American Blower Co. (o.a.m.).....	17
American Elevator & Machine Co., Inc.....	22
American Lead Pencil Co.....	22
American Luxfer Prism Co.....	21
American Mason Safety Tread Co.....	48
American Radiator Co. (e.f.w.).....	30
American, The, Rolling Mill Co. (e.o.w.).....	27
American Steel & Wire Co.....	36
Architects' Samples Co.....	35
Arkansas Soft Pine Bureau (e.f.w.).....	22
Artesian Well & Supply Co. (e.o.w.).....	34
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Bird, J. A. & W., & Co. (o.a.m.).....	7
Bostwick, The, Steel Lath Co.....	25
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Clinton Bridge Works.....	22
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Macbeth-Evans Glass Co. (e.f.w.).....	24
McCray Refrigerator Co.....	22
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Master Builders Co.....	32
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Midland Terra Cotta Co. (e.o.w.).....	22
Mitchell-Tappen Co. (e.o.w.).....	27
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Mueller, H., Mfg. Co. (e.o.w.).....	22
Mullins Co., The W. H.....	22
National Lead Co.....	22
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National Tube Co.....	22
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New Jersey Zinc Co.....	22
North Western Expanded Metal Co. (e.o.w.).....	22
Northwestern Terra Cotta Co. (e.f.w.).....	22
O'Brien Varnish Co. (o.a.m.).....	22
Ohio Blower Co., The (e.o.w.).....	22
Okonite Co. (e.o.w.).....	22
Otis Elevator Co., The (e.o.w.).....	22
Peele Co., The (e.f.w.).....	22
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Pomeroy, S. H., Co., Inc. (e.o.w.).....	22
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Quantity Survey Co.....	22
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Richards-Wilcox Mfg. Co. (e.o.w.).....	22
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Safety Insulated Wire & Cable Co.....	22
Samson Cordage Works.....	22
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ences. Address 44-A, care of The American Architect. (2044-5-6-7)

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ings properly and expeditiously. No superintendence or office routine.
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ARCHITECTURAL draftsman (24), desires position in office doing a
good grade of work. Seven years' practical experience. Proficient in
sketching, working drawings, scale and full-size details. Can fur-
nish reliable references. At present located in South, but willing to go
anywhere. Salary commensurate with opportunity, responsibility and
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POSITION wanted as architect's superintendent by experienced car-
penter with first-hand knowledge of building construction and seven
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Metropolitan district is desired. Address 47-A, care The American
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SITUATION wanted by a high-class, rapid draftsman, designer, de-
tailer and colorist. Twenty-five years' experience in the leading
cities. Address "B," 1032 E. 43d St., Chicago. (2046-7)

STRUCTURAL ENGINEER, graduate, M. Am. Soc. C.E. Experienced
designer of steel and reinforced concrete for industrial buildings,
tail office buildings, power plants, warehouses, public and school
buildings. Expert designer of difficult foundations. Good executive.
Past 7 years in responsible charge of work. Will report on one month's
trial. Address 46-K, care The American Architect. (2046-7-8)

ENGAGEMENT sought: Architectural draughtsman, 4½ years' prac-
tical experience and technical education. Construction, design,
pen and ink perspective rendering, ¼ scale and detailing, good letter-
ing. Will submit drawings. Well recommended, energetic and am-
bitious. Salary, \$17-20. Location immaterial if permanent. Interest
considered. Address 46-D, care The American Architect. (2046-7)

ARCHITECT with sixteen years' experience, college graduate, desires
permanent position or interest as junior partner with established
architect. Capable of managing and handling any part of office,
specifications, estimating, correspondence. Now employed in North,
but wants better opportunity. Has worked South. Can furnish first-
class references as to ability and character. Address 47-B, care of
The American Architect. (2047)

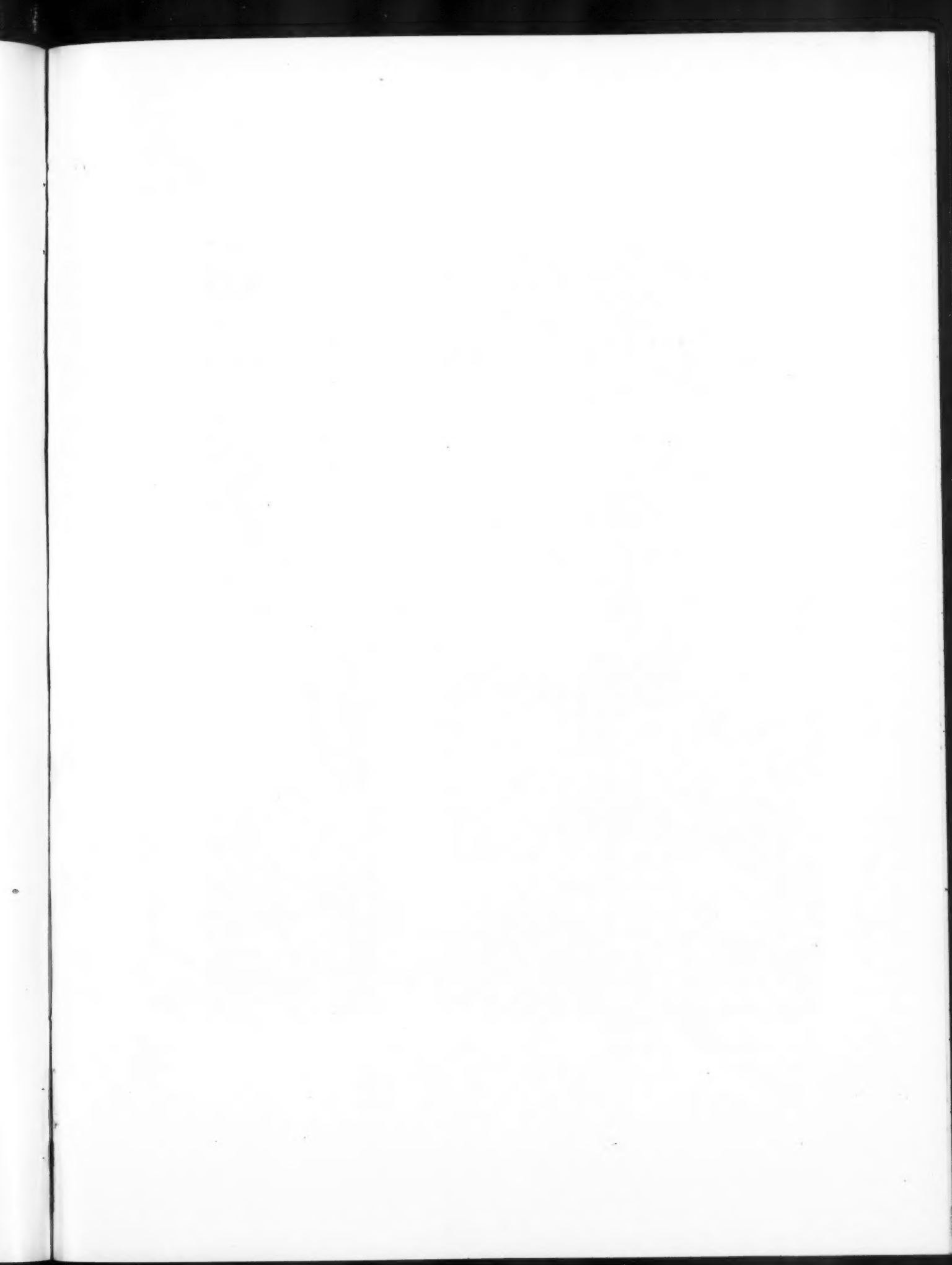
POSITION as subordinate draughtsman, with opportunity of advance-
ment, desired by New England man, architectural college graduate,
good, all around draughtsman, without previous office experience but
possessing practical knowledge building construction, planning, super-
vision, etc., through three years' experience as architect. Salary \$18.00
weekly at start. Address 47-C, care The American Architect.
(2047-8)

SUPERINTENDENT, over twenty years' practical experience build-
ing construction making details, reports, recommending and repairs
old buildings, supervising and erecting large, new, modern buildings,
receiving estimates, letting contracts, etc., wants position with architect
or owner desiring a reliable, trustworthy man. Well recommended, over
seven years' experience in factory construction and maintenance. Ad-
dress 47D, care The American Architect. (2047)

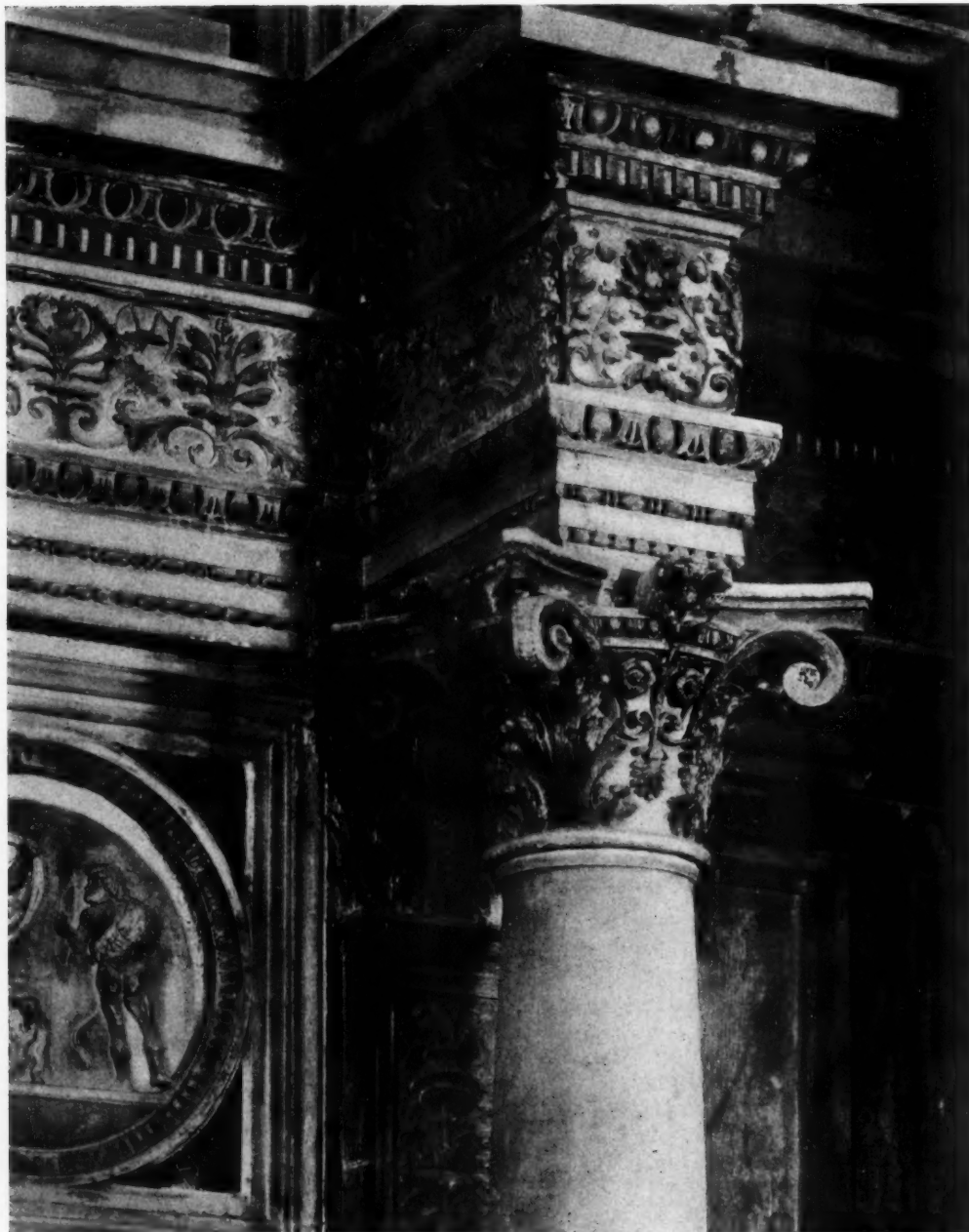
ARCHITECTURAL designer with American and European training and
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Clever with pen, pencil or water color. Address 47-H, care The Ameri-
can Architect. (2047-8)

ARCHITECTURAL DRAUGHTSMAN—Experienced in public and pri-
vate building work, familiar with office work of every description,
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Address 47-F, care The American Architect. (2047-8)

POSITION wanted as draughtsman or superintendent; 25 years' ex-
perience in New York City and adjoining country; thoroughly con-
versant with building laws and acquainted with building trades in gen-
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