

THE AMERICAN ARCHITECT

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AN ILLUSTRATION FROM "IN ENGLISH HOMES," BY LATHAM

THE WELL CHOSEN ARCHITECTURAL LIBRARY*

By JOHN T. FALLON

THE relation of an architect to his library has no exact analogy in the other professions; in the formation and selection of it he is called upon to unite the skill of a surgeon choosing his instruments with the affectionate solicitude of a collector searching for some rare *object*

*Illustrations have been taken by permission, from the library of Messrs. McKim, Mead & White.

d'art. Other workers in the arts can afford to have a healthy disdain for the translation of the past into the present, through the medium of books, and to consider a library, if not a useless appendage, at least a mere record of the artistic achievements of the past, from whose trammels an early escape is the only salvation.

But architecture is the most impersonal

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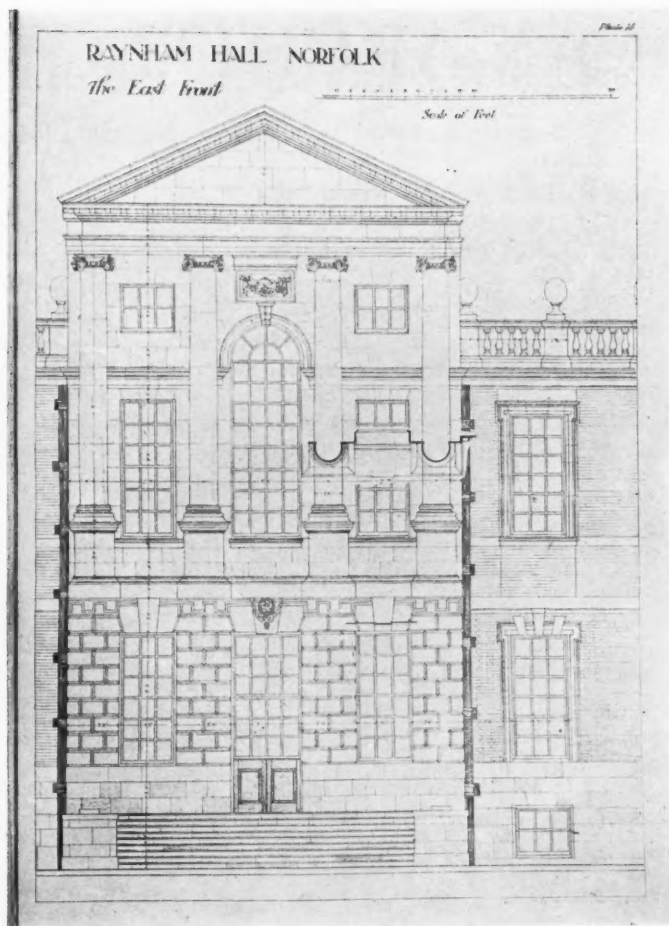


ILLUSTRATION FROM "SOME ARCHITECTURAL WORKS OF INIGO JONES," BY TRIGGS AND TANNER

of all the arts; its forms have always been limited to the functions of a fixed quantity, the human machine, and to the requirements which the life of society has slowly and gradually evolved. It is only natural that the architect should turn instinctively to his library for aid and inspiration in the solution of the problems in design and planning that daily confront him in his practice. Whether or not he finds it will depend largely upon the time and care that he has spent upon the selection of his books.

That an adequate or representative collection of books or photographs to meet every architectural need can be prescribed is manifestly impossible. Every architect is, for the time being at least, a specialist in the type of building he is planning or in

the particular period of the past by which it is inspired. Modern American architecture has, however, been content to follow in the main and to develop classic traditions, and some general scheme of library formation and arrangement may be indicated to meet the general exigencies of the average architect's requirements. The casual way in which many architects and students select their material is sufficient excuse for presenting some such list. Its chief claim for attention lies in the fact that it is based upon the choice that representative architects have shown in their working equipment, rather than by a studious perusal of library lists or catalogues.

HISTORY AND THEORY

That the theorist obtains a scant hearing among architects engaged in actual practice is probably a natural and reasonable condition of things, since the art of building is fundamentally concerned with the concrete rather than the abstract. And yet logic and reason play so vital a part in the solution of architectural problems that almost every architect will find valuable as a reference book Guadet's "Elements et Theorie de l'Architecture," 4v. Written as the text of his lectures on the subject at the Ecole de Beaux Arts, it is no mere dry treatise, but traces the logical development of the component parts of construction, and outlines the expression of the functions of buildings in plan and elevation. The style is fluent and lucid and his ideas are developed with the clarity and logic characteristic of the French mind. Unfortunately Guadet is approachable only in French, a translation having been attempted but never completed.

In an art so essentially based upon tradition, it is deplorable that the average practitioner has so slight and inadequate

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knowledge of architectural history; even the college trained man is apt to have only a smattering of the subject, in which his interest has been only perfunctorily aroused.

By all odds the most concise and authentic general history of architecture is that by Fletcher, "History of Architecture," 1v. It supersedes Ferguson in its contemporary point of view, while the numerous drawings and well chosen illustrations give it a draughting room, as well as a library value.

As the original source of our ideas of monumental architecture, the structure of the classical ages bear the closest relation to modern design, and no better foundation for an intelligent understanding of this period can be laid than that afforded by Anderson and Spiers, "The Architecture of Greece and Rome." Illustrated by excellent drawings as well as photographs, it presents a vivid and comprehensive picture of classic art. Mr. Anderson has also written a companion volume on "The Architecture of the Renaissance in Italy." The style of this brilliant epoch is described in a fashion to appeal not only to the architect and student, but also to the well-informed amateur.

The value of these two volumes cannot be emphasized too strongly; for the student, they afford the essentials of a thorough foundation in the most stupendously important epochs in the history of architecture; for the architect, the illustrations alone are chosen with great taste and discrimination, while for the layman wishing to familiarize himself with the essentials of those architectural periods, they are invaluable. Their compact and convenient size put them within the range of every library. Tracing northward the continuation of Classical Inspiration, Ward, in "Architecture of the Renaissance in France," 2v., has in like fashion adequately sur-

veyed the field of French Renaissance art. I know of no work in English which can dispute the position of this as the authoritative book on this subject. From the period of Francis I. to the end of the First Empire, every important building is shown and intelligently discussed. The history of English architecture from the period when the first classic motives penetrated to England until the end of the Eighteenth Century is taken up by Blomfield, "History of Renaissance Architecture in England," 2v. The text is scholarly and authentic, while the illustrations present many drawings and photographs that the designer will find of value. Gotch, "Early Renaissance in England" treats of the first century of this



ILLUSTRATION FROM "BAUDENKMAELER GROSS BRITANIEN,"
BY UHDE

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period in slightly more complete fashion and is an excellent introduction to English classic art before the days of Inigo Jones. To those interested in archaeology, Gardner, "Ancient Athens," and Kelsey, "Pompeii—Its Life and Art," will have a special interest. The

These two volumes have the advantage of being compact and convenient, and are in every day use in all offices doing work of this character. They are too generally known to require a description here; their use, however, should be intelligently supplemented with others of a more exhaustive nature.

The work of the pensioners at the Villa Medici, made accessible by d'Espouy, "Fragments de l'Architecture Antique," 2v, has become a well recognized classic, and its use



TITLE PAGE, "PALAIS MASSIMI," BY SUYS AND HAUDEBOURT

excavations on the Acropolis and those at the foot of Vesuvius are probably the two most important sources of first hand knowledge of ancient art and life; and a familiarity with their results is important to every well educated architect.

GREECE AND ROME

The first books that most architects buy, if their practice includes any monumental buildings, is the very useful work by Mauch, "Architektonischen Ordnungen," or better, Buhlmann, "Die Architektur des Klassischen Altertums und der Renaissance."



A PAGE FROM "THE SELECT WORKS OF J. B. PIRANESI"—VASES AND CANDELABRAS

is so universal that any comment upon it would be superfluous. But the further volumes of "Monuments Antiques," which are not so well known, present more particularly the restorations of the extensive temples and palaces of imperial Rome, and are replete with suggestions on classic planning. An equally valuable volume on classical planning is that commonly known as the

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Grand Durand, a book full of suggestions for monumental work. The genius of the Greek architects finds its supreme expression not only in their use of the order, but in the refinement and delicacy of moldings and ornament. The story of their presentation to the modern world by Stuart and Revett, "Les Antiquities d'Athenes," and their subsequent influence, is too well known to be told here. These books are still to be had both in the original and in a reprint, but other books such as Boettischer, "Tek-

complete details of this historic temple; Wood, "The Ruins of Palmyra and Baalbec," 2v, the only book upon this archaistic style which might be termed Classical Baroque, Canina, "L'Architettura Antica," in 3v. on Egypt, Greece and Rome, respectively; Chandler, Refett and Pars, "Ionian Antiquities." The exhaustive monographs on the "Restoration of Olympia," "Selinonte," "Epidauros" and "Pergamum" will appeal to the student and collector, although they probably have a limited practical value



FROM "MONOGRAPHIE DES PALAIS DE VERSAILLES ET DES TRIANONS"

tonik der Hellenen" (Berlin, 1862), or Uhde, "The Architectural Forms of the Classic Ages," present similar material in a more practicable form and are much less expensive. The Grand Vignole, reprinted in many smaller editions, is also too well known to require comment. Some rare or expensive books that lie out of the range of an average collection, but which find a place in the libraries of many well known architects are Wood, 1v., "The Erectheion at Athens," a collection of engravings of the

to the designer. Of Piranesi's etchings, the series on "Vases and Candelabras," and that on "Grand Compositions" are the ones of the most value to an architect, and while the original impressions are of course only for the collector's portfolio, they are obtainable in inexpensive reprints and are replete with suggestive materials. Many of the originals of Piranesi's etchings are shown in photograph in Gusman, "L'Art Decoratif," 3v., Paris, 1910, as well as other valuable and suggestive Roman ornament. The excel-

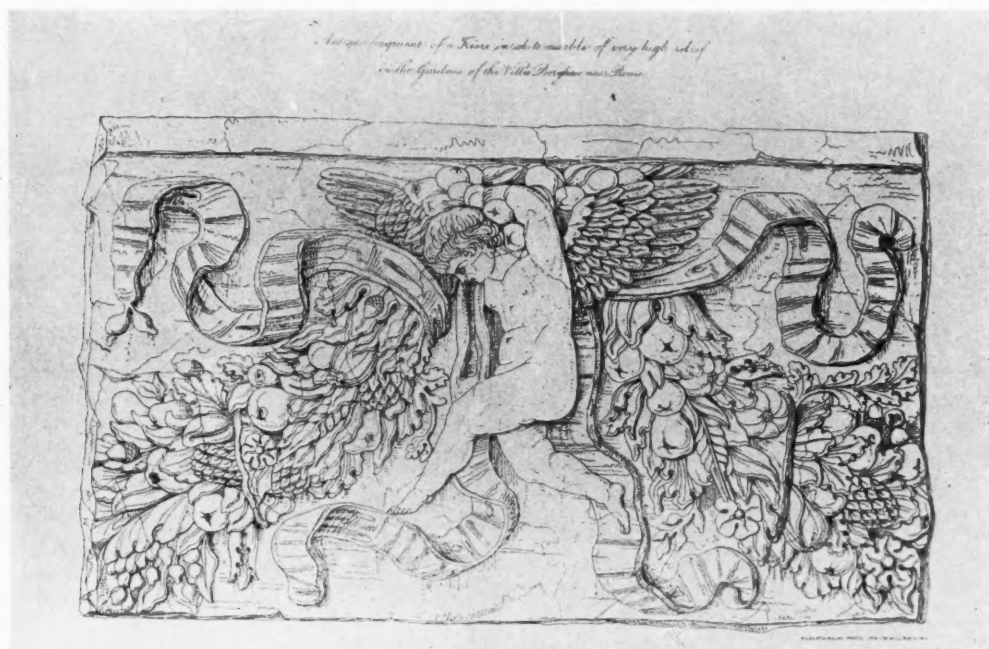
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lence of the reproductions, as well as the discrimination of selection, has won for it the immediate appreciation of architects, and the designer of classic ornament will find these books a wise investment. Tatham, "Etchings of Ancient Ornamental Architecture in Rome" is almost as valuable as Piranesi's Vases, and a cheap and excellent reproduction by photo-lithography brings it within the scope of the most modest collection. The felicity of line with which these are drawn should be a source of inspiration to those who use the book.

There is an immense amount of inspiration to be drawn from the detail of the

ITALIAN RENAISSANCE

There are several reasons which make the period covering the revival of Classic art of the greatest importance to the modern architect. It was the first attempt to apply the motives of ancient architecture to the requirements of modern life; and, secondly, America has been led, chiefly through the influence of McKim, to return to this unadulterated source for the inspiration of most of the structures to-day. Such buildings as the Boston Public Library and the University Club came like a beacon light to the architects floundering in the maze of Richardson's eclectic style, and set a



AN ILLUSTRATION FROM "ETCHINGS FROM ROME," BY TATHAM

Pompeiiian artists, and Watt in his "Greek and Pompeii Decorative Work" has presented in reproductions of charming pencil drawings some of the most refined and graceful decorative detail of this period. Mention is reserved until last of Strack "Baudenkmaeler des Alten Rome," because of Herr Strack's valuable contribution to the succeeding period; but this important collection of photographs of the ancient city deserves a foremost place in any classical library.

definite direction to all further progress.

In the selection of a library, this period should have a natural predominance, and no better work can be selected as a nucleus than Letarouilly, "Edifices de Rome Moderne," 3v. A thorough familiarity with the details of these books is in itself a complete architectural education, and their use in offices such as McKim, Mead and White's or Platt's is constant and assiduous. The original edition is by far preferable merely for the beauty of the impressions, but the Belgian reprint from the original plates is

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less expensive and has the same utilitarian value. Letarouilly has drawn with the same loving care the details of "The Vatican," 4v.; while of great interest to the collector, its value to the designer is limited to a smaller proportion of plate than the Edifices. If one building should be selected which would be representative of the finest and purest detail of the Renaissance, it would be unquestionably the Massimi Palace. The details of this chef d'oeuvre of Peruzzi have been collected by Suys and Haudibourt and published in Paris (1818) under the title of "Palais Massimi," and present a more exhaustive treatment than that afforded by the Edifices.

Percier and Fontaine "Choix de Maisons de Plaisance" and "Maisons Modernes de Rome" (Paris, 1824), are two volumes of beautiful engravings that further develop the Roman structures. They are to be had both in the original and in reprint, but their acquisition may well be postponed until more important books on this subject are collected.

The above mentioned volumes contain engravings only, but in Strack's "Baudenkmaeler Romes des XV-XVI" are to be found photographs of many of Letarouilly's originals, and the constant use of this work in McKim's, Platt's and other offices attest to its value. A more general illustration of Italian buildings and ornament is that contained in the classic Schutz, "Die Renaissance in Italien," 4v., whose volumes of photographs give one a comprehensive knowledge of the buildings and ornament of the best periods of the Renaissance. Nicolai, "Das Ornament der Italienische Kunst des XV Jahrhunderts" is a complementary work to use with Schutz. D'Espouy's "Fragments d'Architecture des Moyen Age et de la Renaissance," a further edition of the relèves of the Grand Prix men, is of perhaps less importance than that

on the antique, but nevertheless merits a place in every library. The most complete and valuable book on palaces of Florence and Northern Italy is the German series on "Palast Architecture." Rashdorff is the author of the volume on "Toscana," giving photographs and details of the Florentine, Sienese and Pisan examples; and also of them on "Venedig," treating Venice in like fashion. Reinhardt has similarly brought out "Genua," while more recent ones are by Haupt on "Verona" and the cities of Bologna, Ferrara, Mantua, Cremona, etc. These are not inexpensive books, but their adequate and exhaustive form will repay full the initial outlay.

Among the less known books on these towns are Gauthier, "Edifices de la Ville de Genes" (Paris), an exceedingly valuable



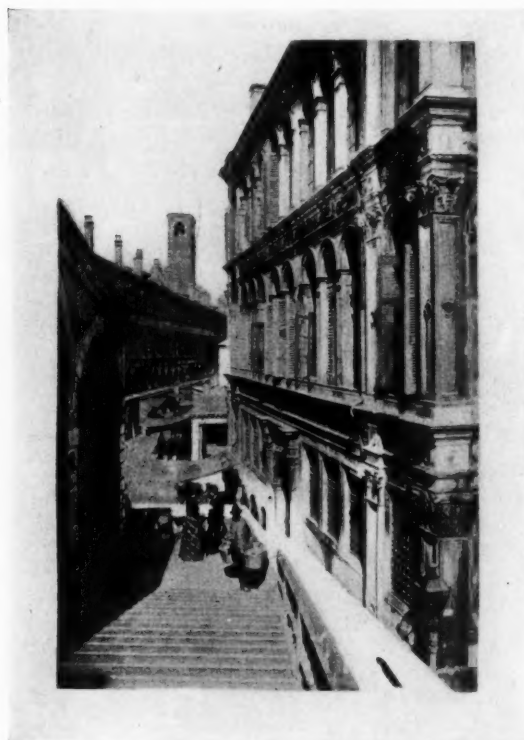
A PAGE FROM "DOCUMENTS DE FERRONNERIE ANCIENNE"

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book on the Genoese villas; "Edifices de Venise," 2v.; "Le Fabbriche e i monumenti Cospicui di Venezia," Paoletti, 2v., both being a series of engraved drawings of the Venetian buildings. Grandjean de Montigny and Fanin "Architettura Toscana," is an old and famous book that is accessible also in reprint. A recent reprint has been made of that rare work, the "Architettura de Andre Palladio," while "Le Fabbriche di San Micheli" can still be obtained in the

are compelled to turn to the expensive and very rare Gruner "Fresco Decoration," or the still more expensive Ewald, "Farbige Decorationen," and there is a growing need both for a more comprehensive knowledge of Italian frescoes and for less expensive and inaccessible books on the subject; both are in color and are suggestive even for simple problems of wall or ceiling tinting. The small and convenient books, "Il Ferro (Ironwork)," "Il Legno (Woodwork),"

(Continued on page 171)



FROM "CALLI E CANALI DI VENEZIA," BY ONGANIA

original at a reasonable price. "Callie Canali di Venezia," Ongania (Venice), shows in beautiful photographs the picturesque side of Venice. While it does not nearly exhaust the field, Strack "Ziegelbauwerke der Mittel alters und der Renaissance" is the unique book upon Italian brickwork, and although the original edition is out of print, there is a cheap but excellent reprint. By the same author is "Central und Kuppenkirchen der Renaissance in Italien." Designers of decorative frescoes

Northern Italian Details

NO. 19. WALL FOUNTAIN, NERVI

THE town of Nervi, situated seven miles to the east of Genoa, is the oldest winter station on the Riviera di Levante. It is surrounded with groves of olives, oranges and lemons and intersected by many quiet lanes and paths that afford glimpses into luxurious villa gardens full of the exuberant blooms of semi-tropical flora. Its most pleasant feature is the Coast Promenade, which offers superb views of the coast from Portofino on the east to Genoa and the western Riviera with the Ligurian Alps behind.

The lane that leads from the dusty high-road to the church is lined with immense cypress trees and flanked by garden walls, into one of which the illustrated wall fountain is let. Its only ornamental feature is an exquisitely carved mask, from which the flow of water issues, which is received by a marble basin of graceful profile. These two parts of the fountain are made of a marble resembling Botticino while the remainder is of a common white marble. As charming as the fountain is the wall console above executed in stucco and forming part of the garden wall. It is admirable in mass and refined in execution, although probably the product of some ordinary artisan who was guided only by innate refinement.

The frequency with which the wall fountain type is met with in Italy is, of course, due to its practical utility, as it furnishes in many cases the only supply of water for the uses of the lower classes, and as such it is not only an æsthetic feature but a social institution.



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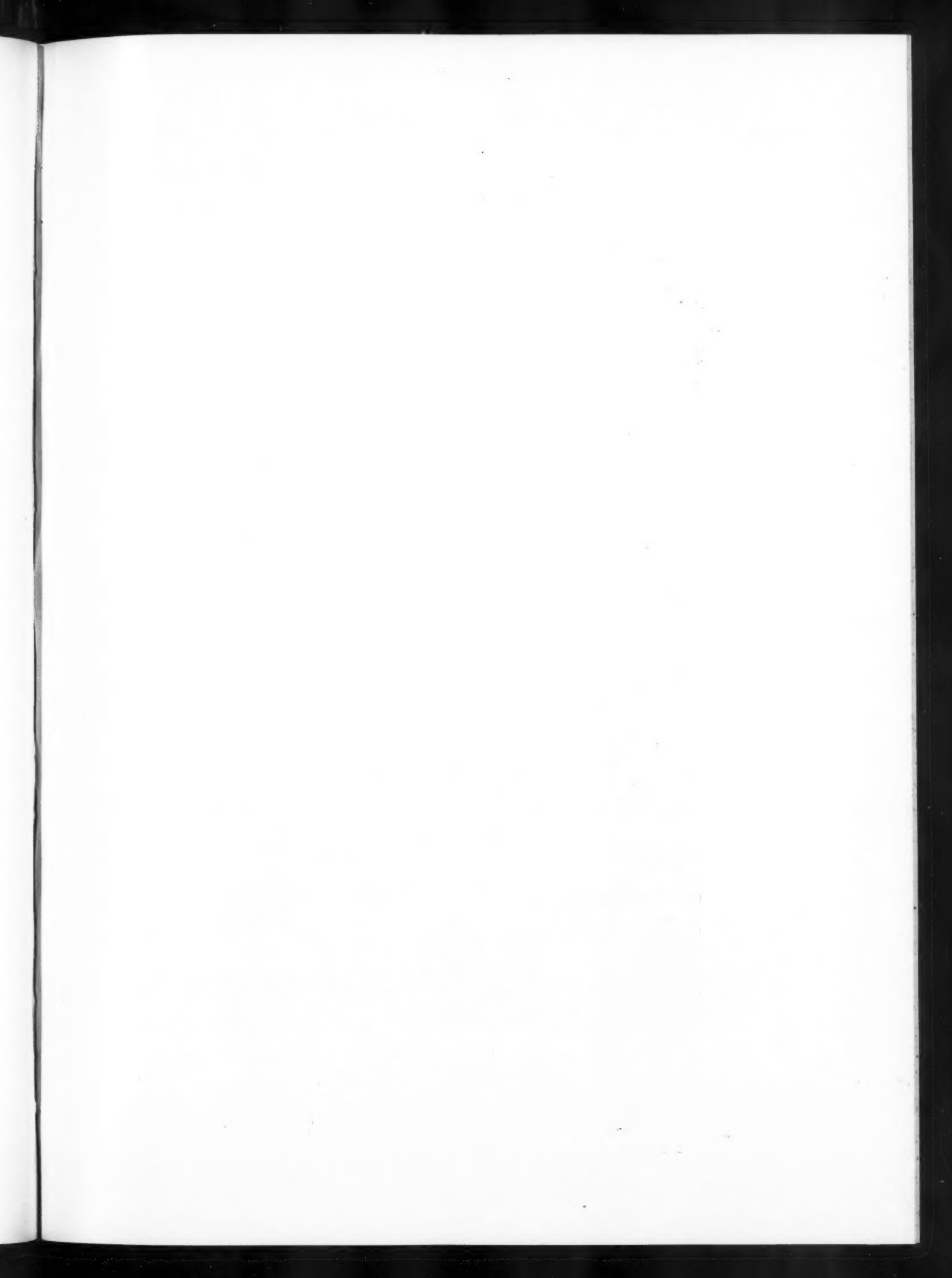
WALL FOUNTAIN, NERVI

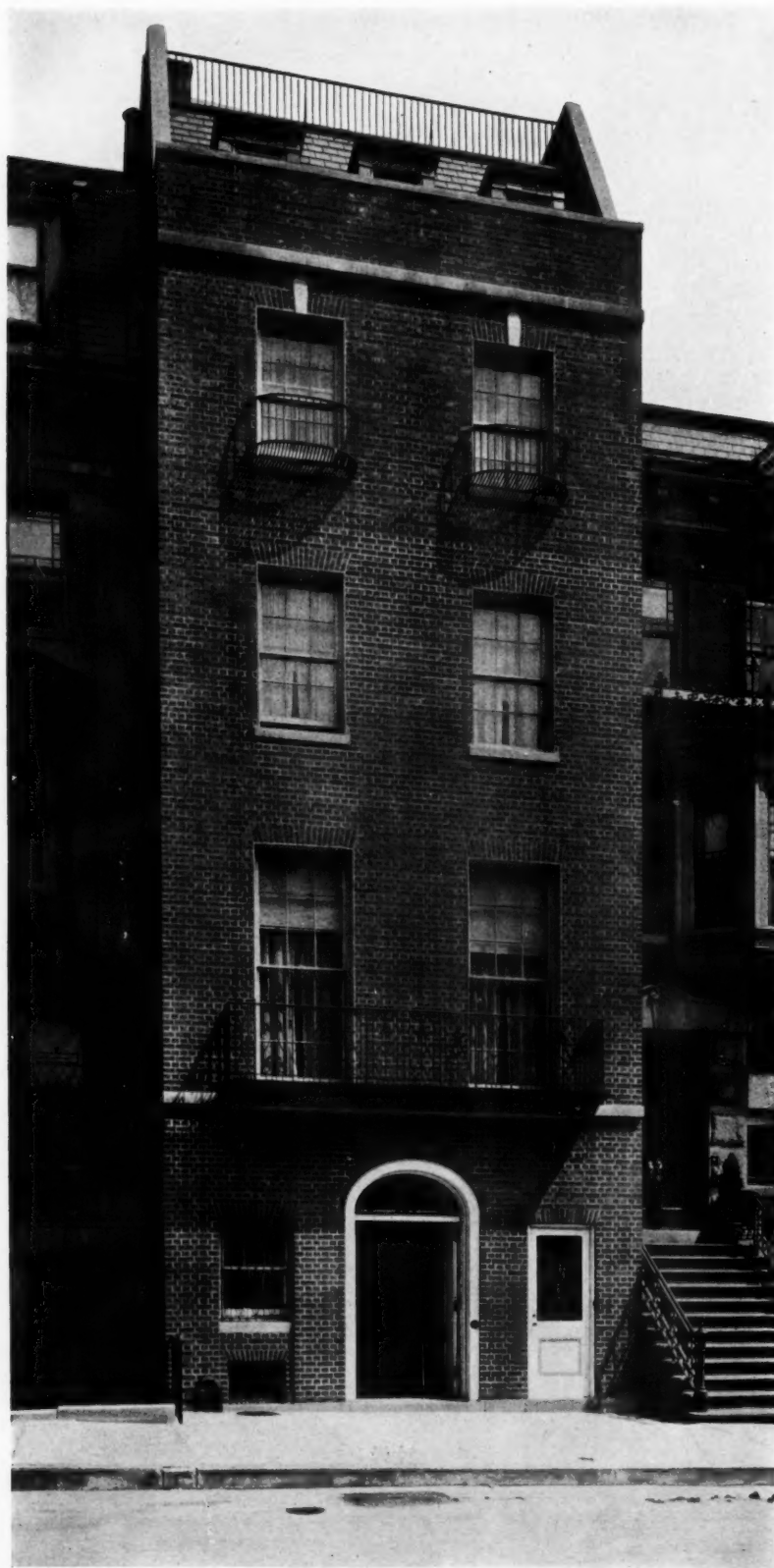
PHOTOGRAPHS AND DRAWINGS
BY W. G. THOMAS AND J. T. FALLON

ARCHITECTURAL DETAILS
OF NORTHERN ITALY—PLATE NO. 41



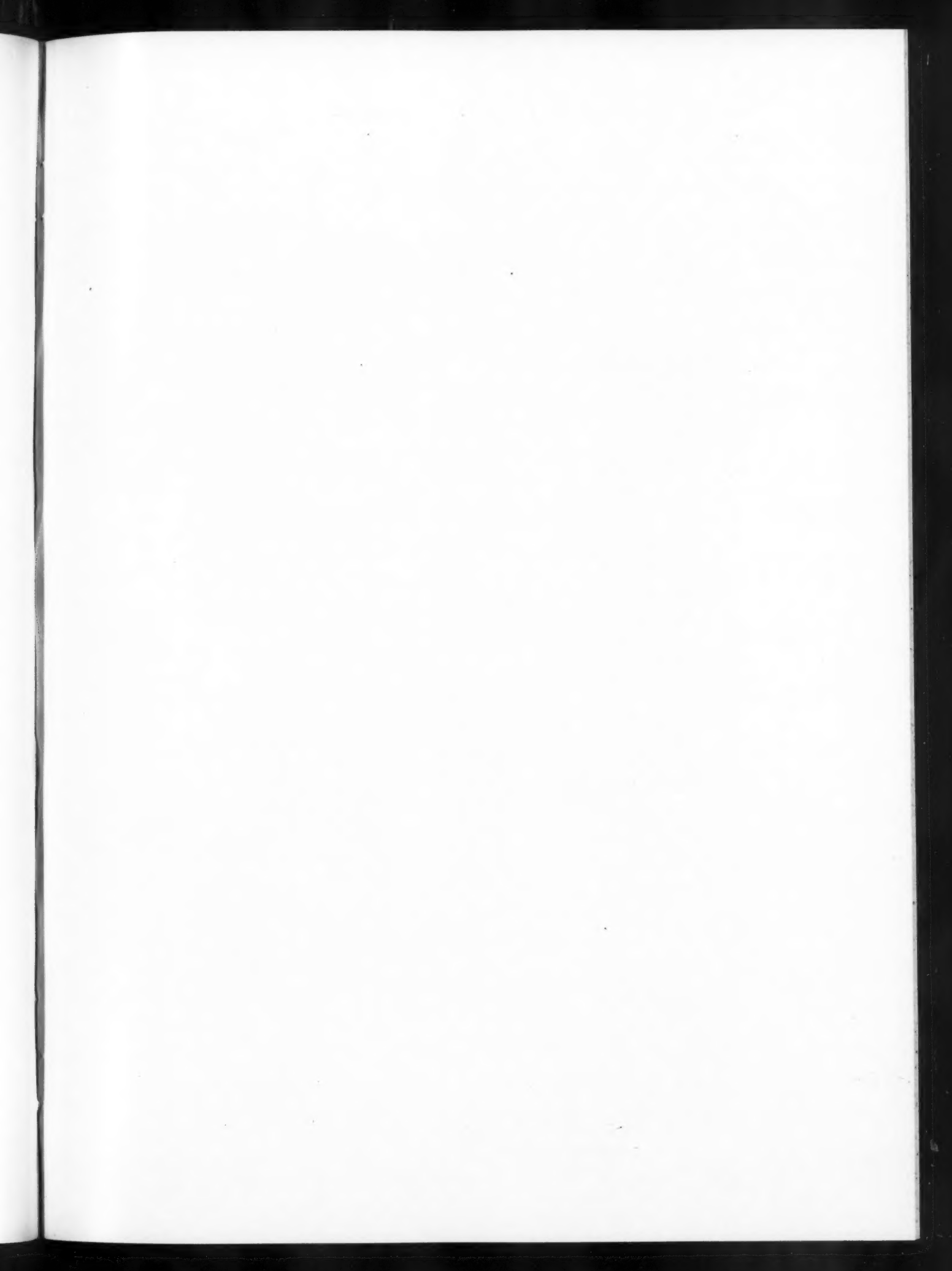






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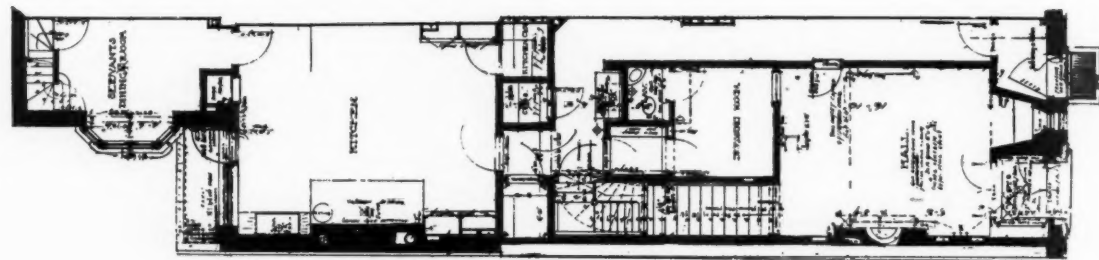
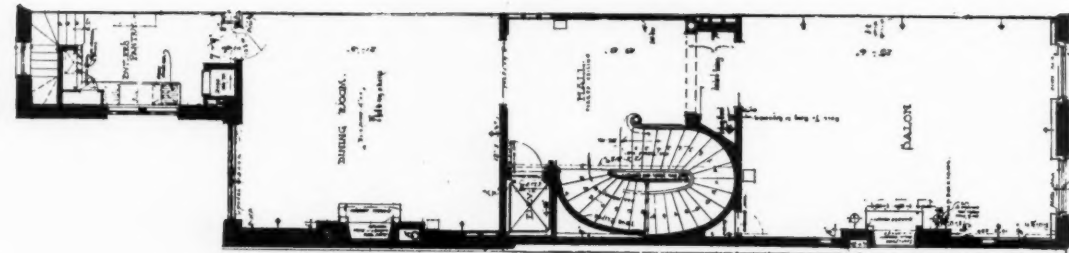
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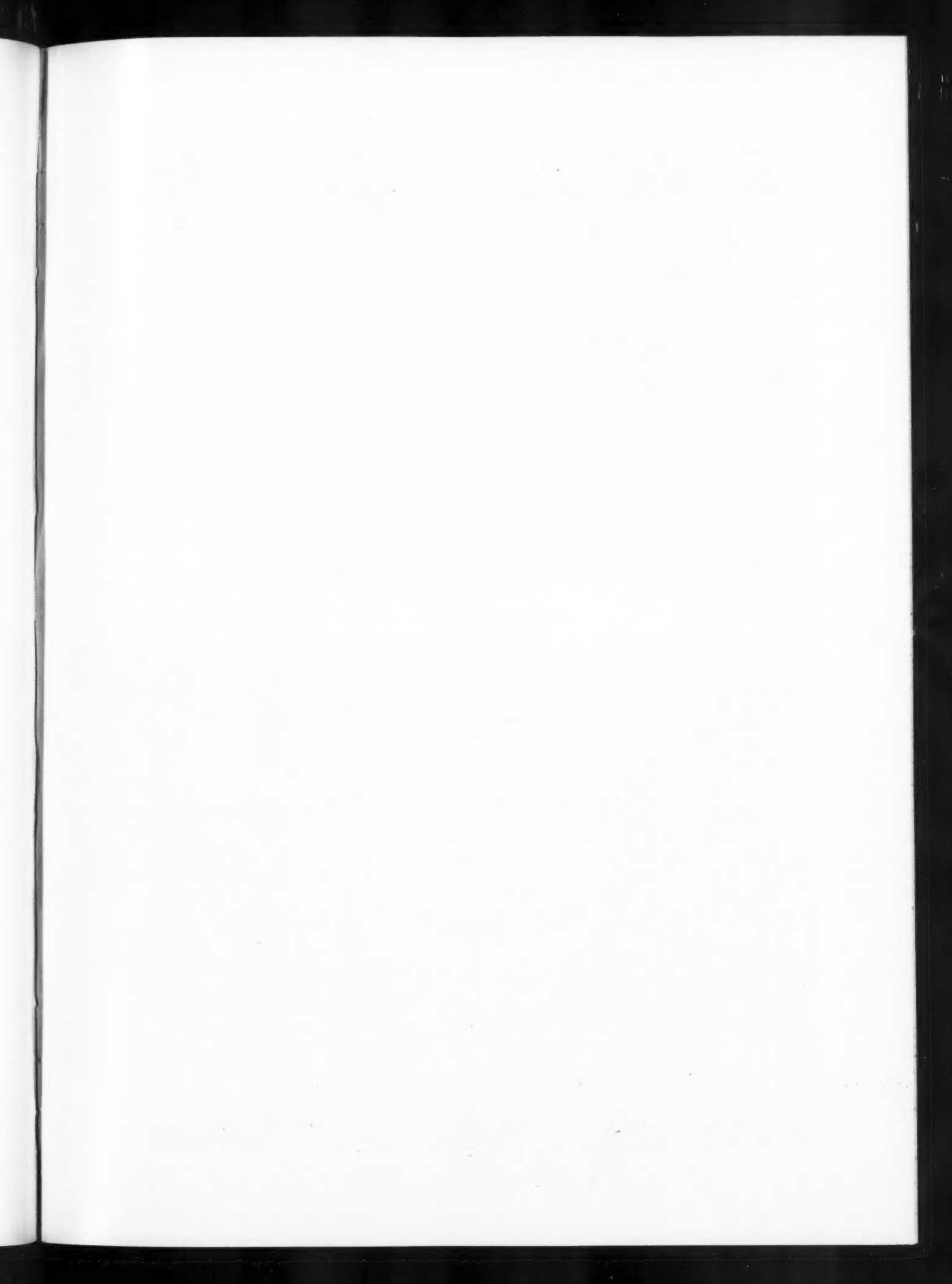
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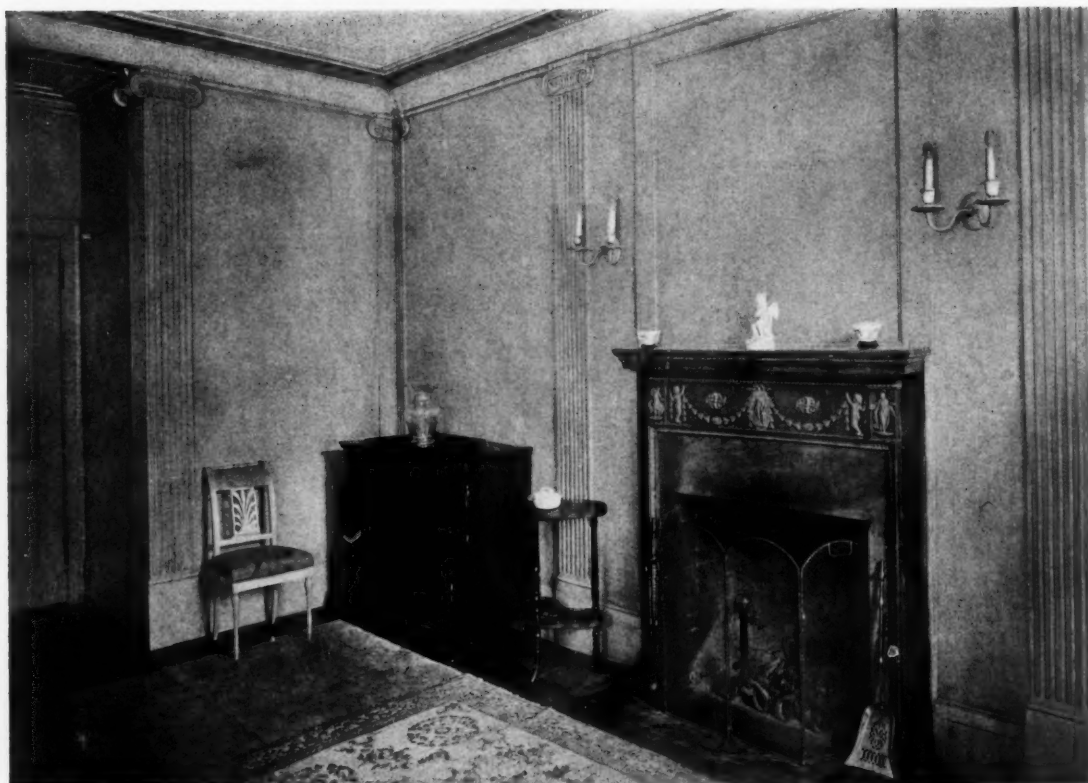


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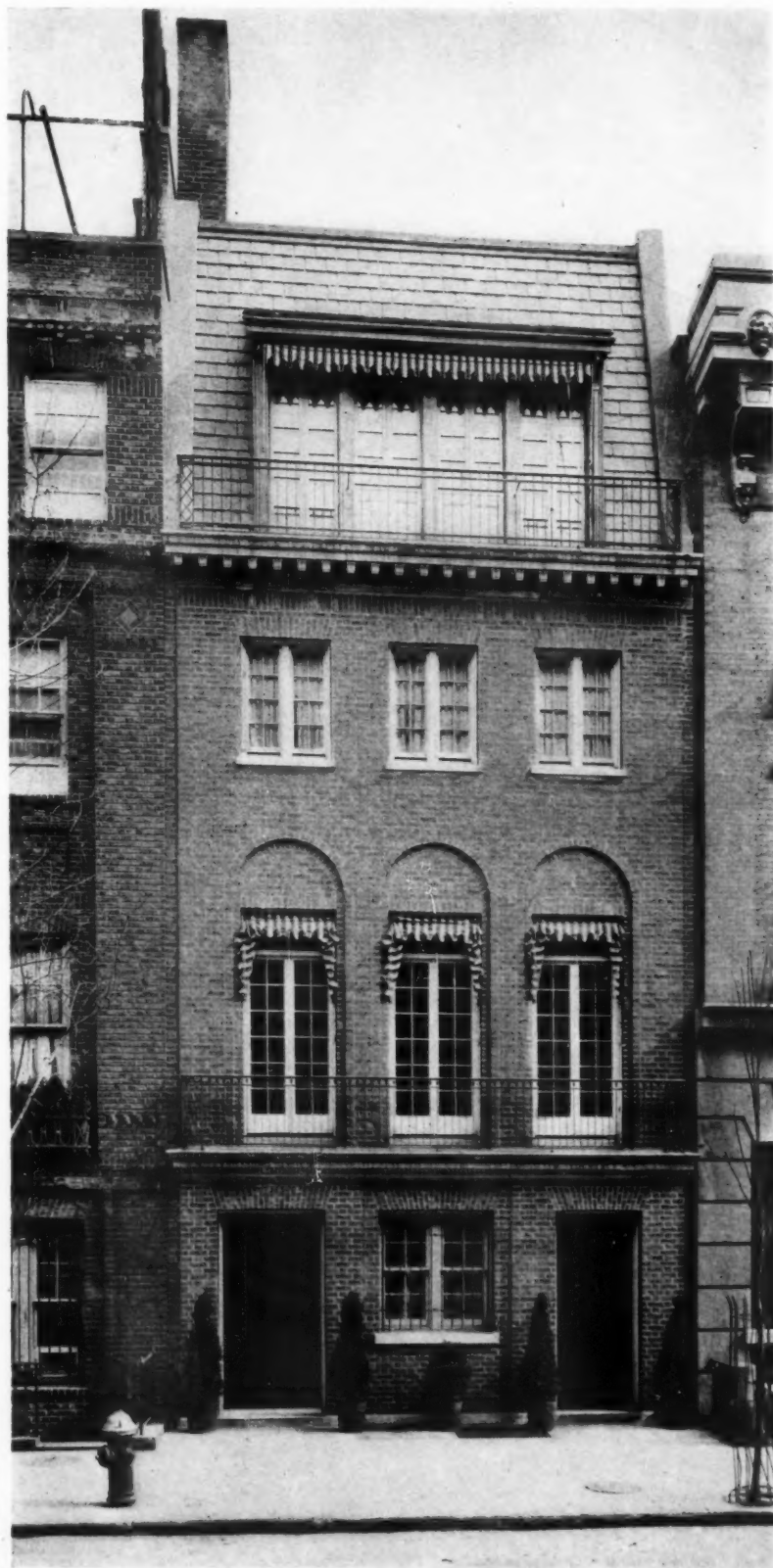


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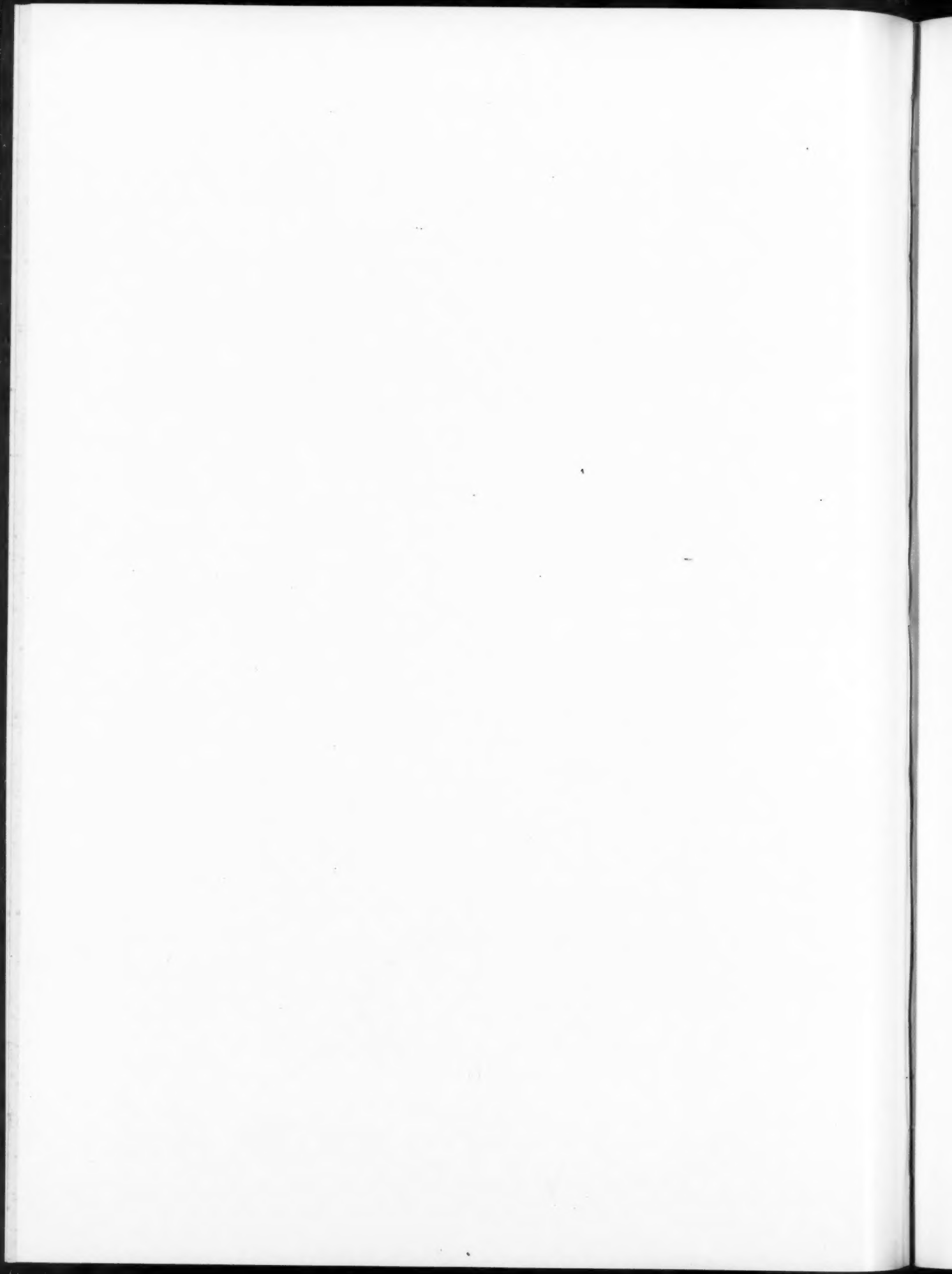
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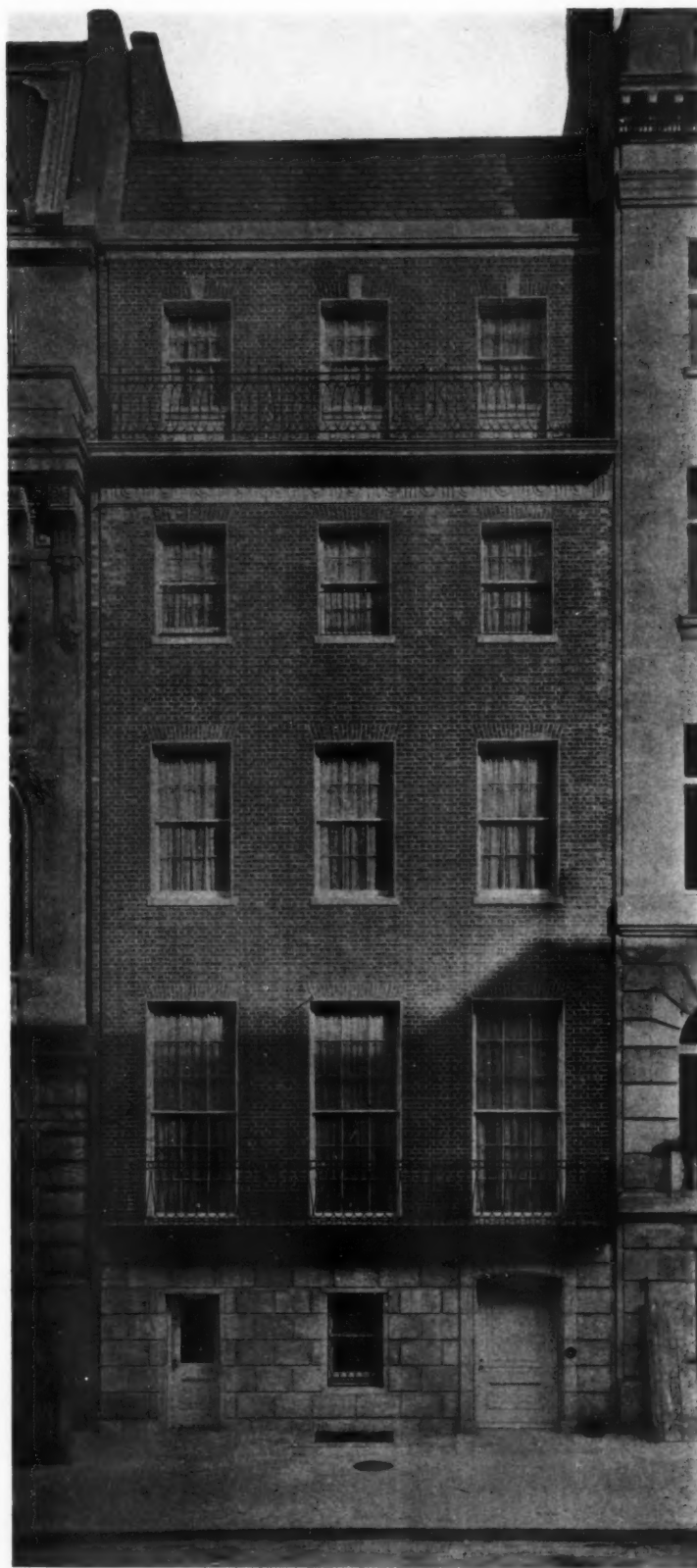
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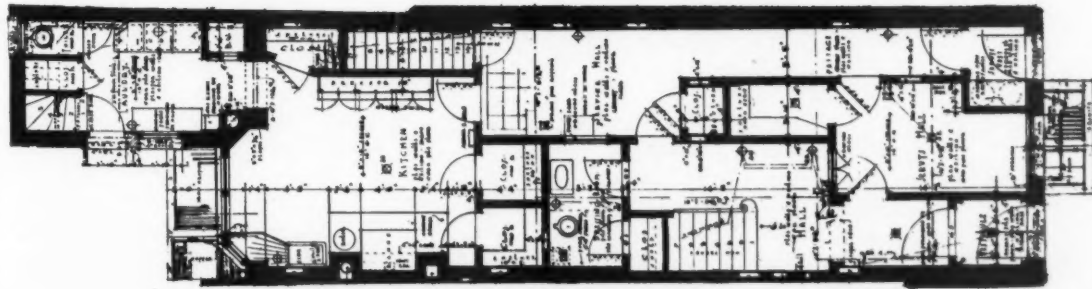
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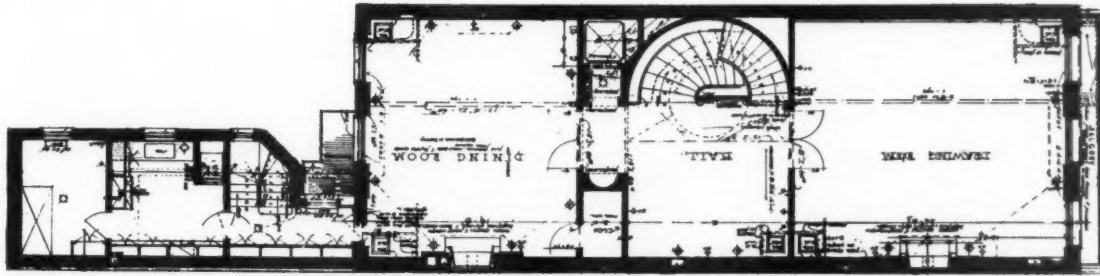
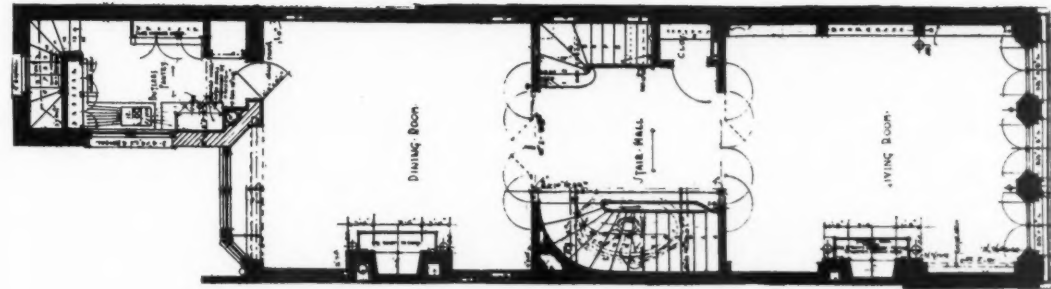


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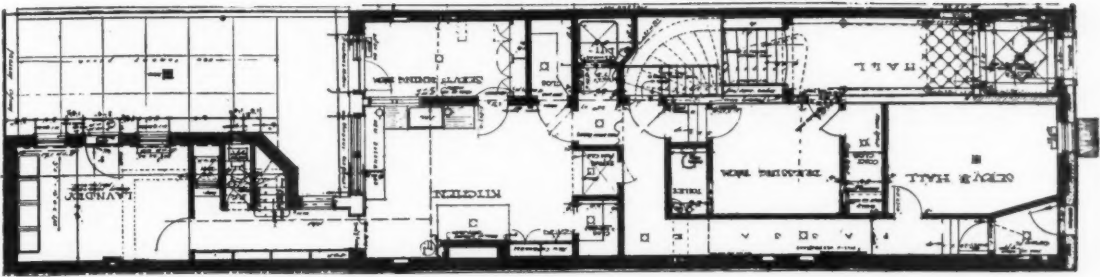


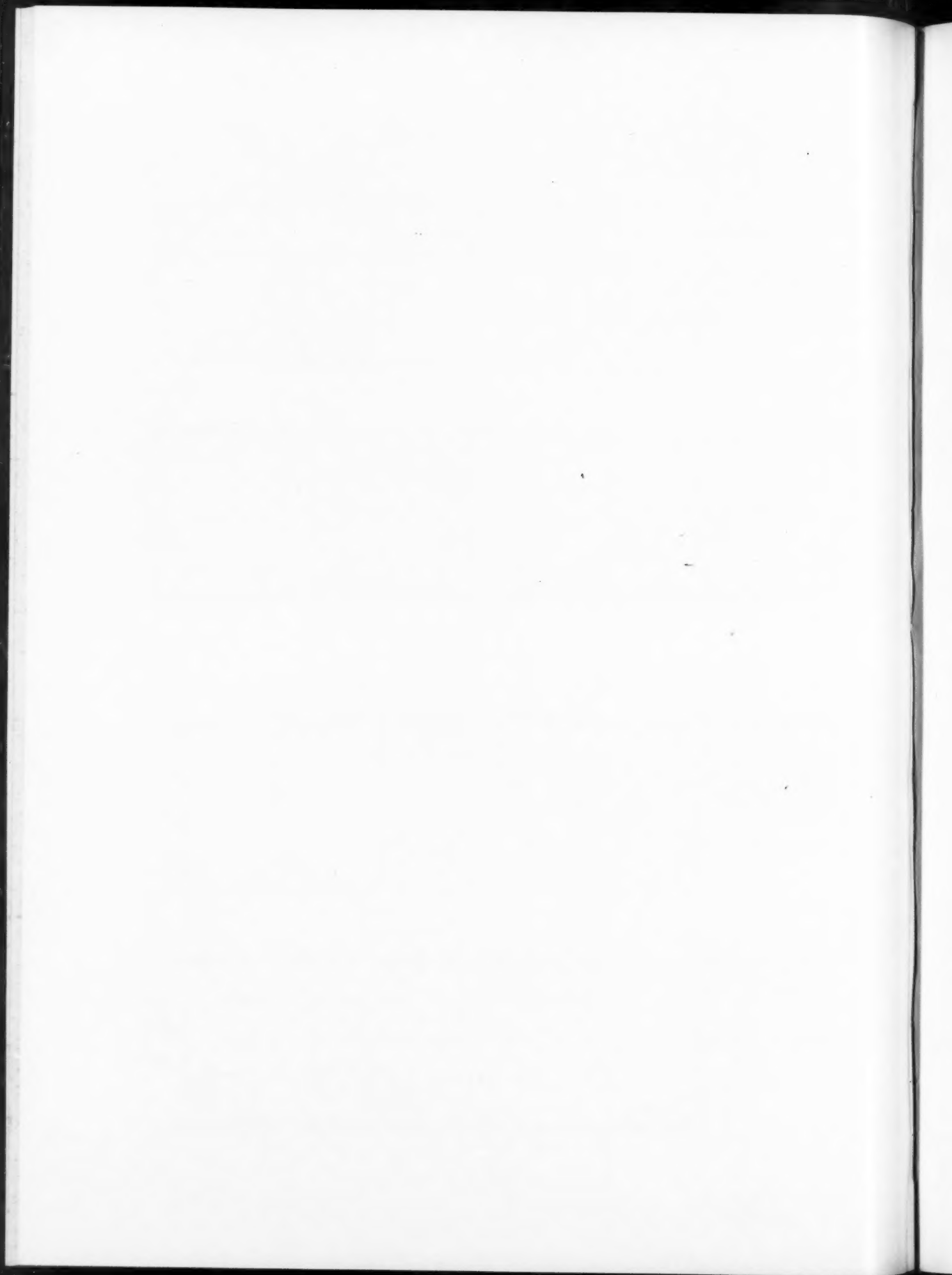
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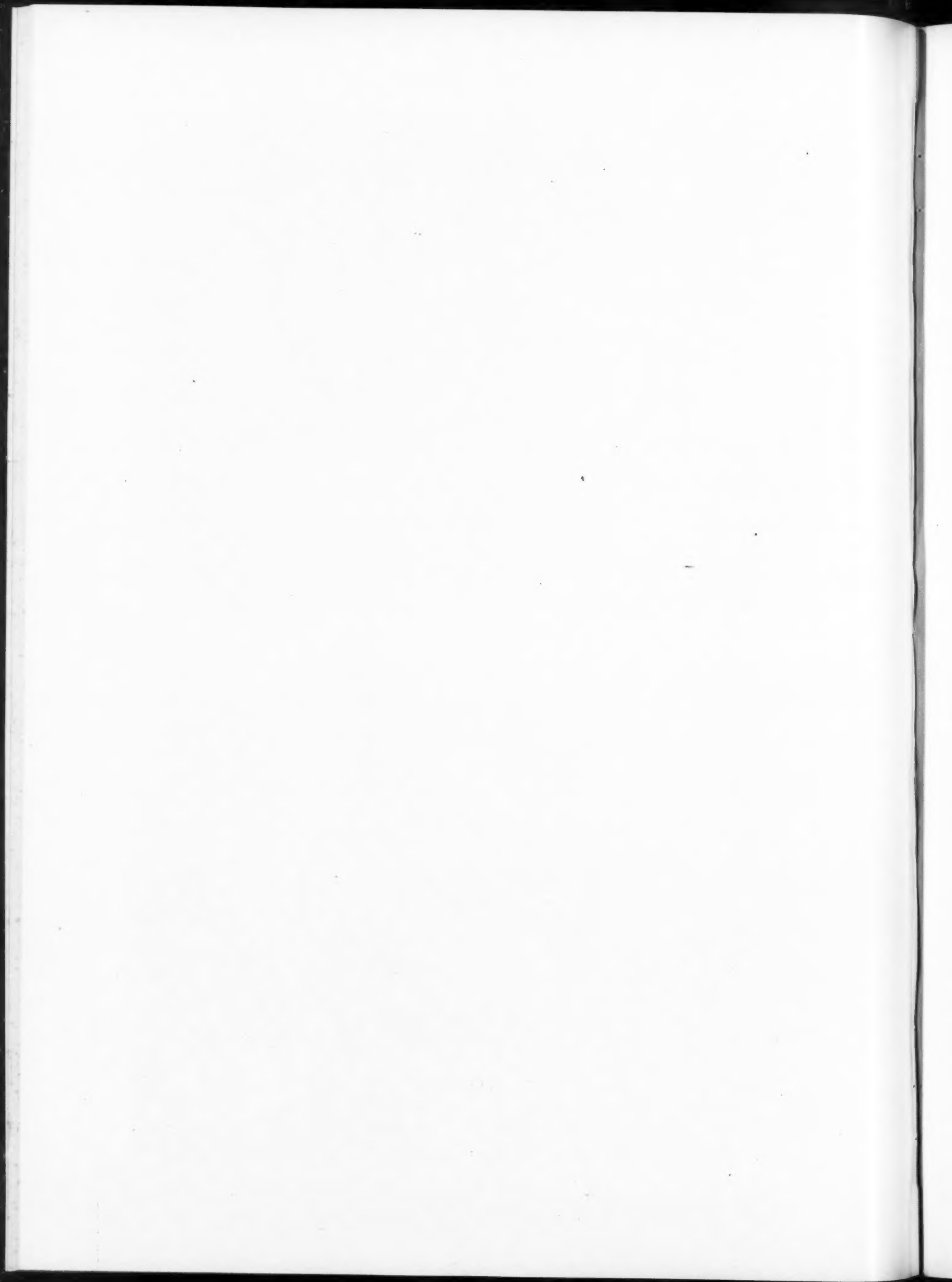
LIVING ROOM



DINING ROOM AND STAIR HALL

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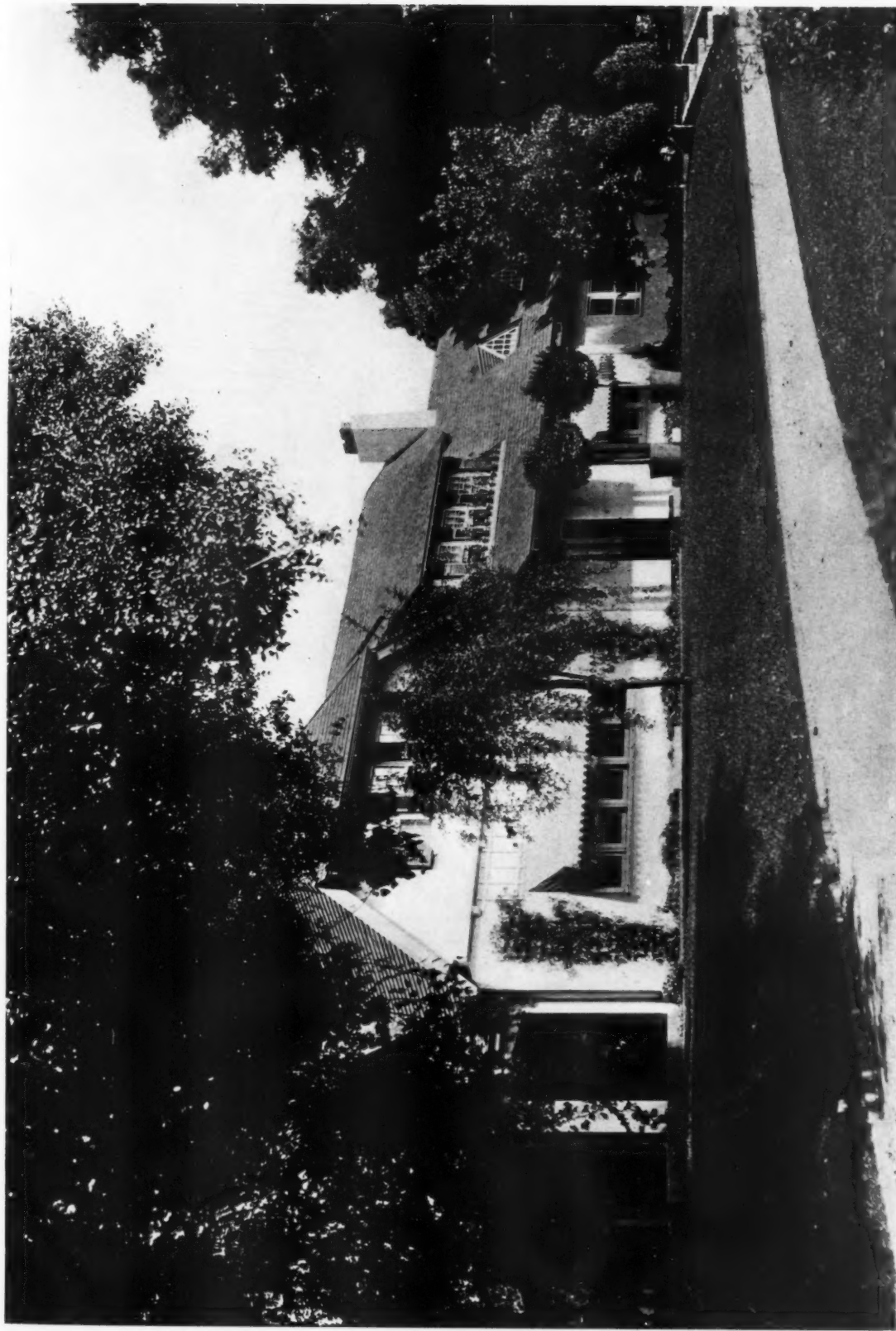




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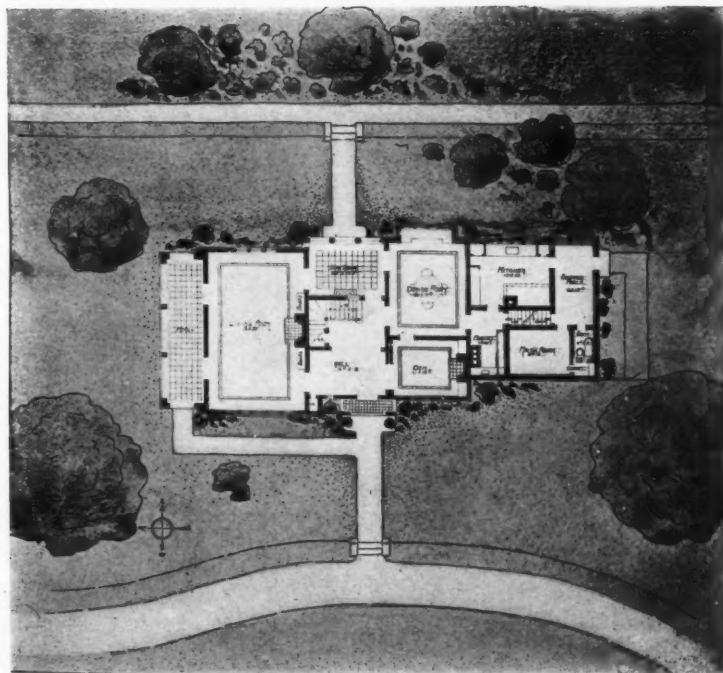
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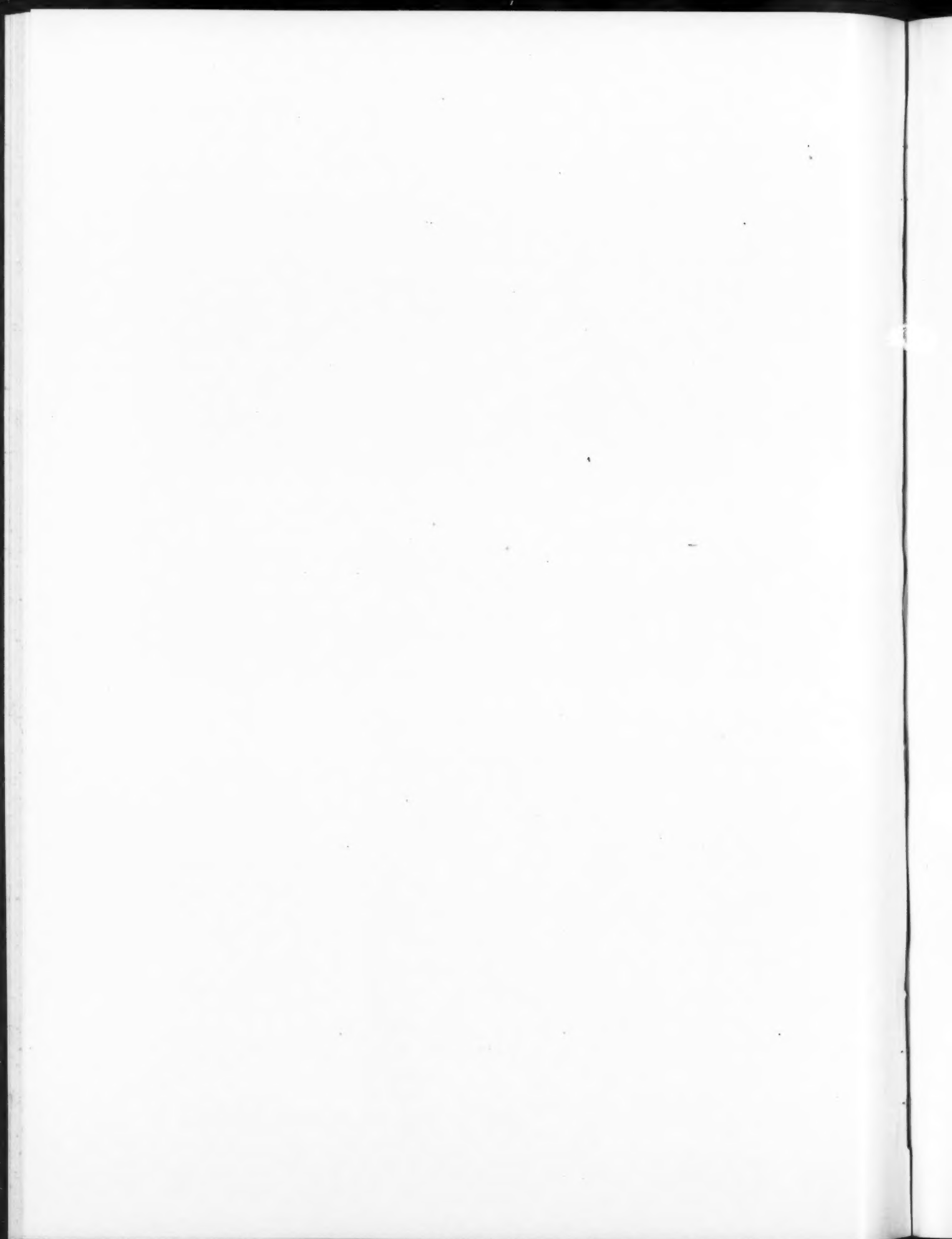
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THE INCREASING IMPORTANCE OF GOOD ARCHITECTURE IN FARM BUILDINGS. A RESULT OF MODERN METHODS OF COM- MUNICATION AND TRAVEL.

THE wide-spread interest in the different phases of country life that seems to pervade all classes in America at the present time is not essentially modern, for similar phenomena have periodically recurred throughout the history of this country. In its aesthetic development, it is unique, however, for it has stimulated a growth of the country house and of suburban and village planning that is unparalleled by anything that has gone before. Other features might be cited, but these are sufficient to show its general character and all pervading influence.

But one of its most comprehensive phases, that of farm architecture, has been sadly neglected, or what amounts to the same thing, has been confined to comparatively few and isolated examples. These have in the majority of instances been built by "gentlemen farmers," a class that represents an absurdly small and relatively unimportant part of our agricultural population. It is to the great mass or bulk of farming popu-

lation that some sort of appeal should be made for betterment in the artistic quality of farm building design. The need for such betterment is being brought to our notice with increasing force and frequency by the rapidly extending use of the motor car.

To analyze the vast difference in charm between the European and American country side and its buildings, one must bear in mind the advantages of the former. Besides the obvious ones of age and of materials, there must be considered the system of land ownership that brings the erection of farm buildings under the direct supervision of an intelligent expert. Often European farm buildings and houses will be found erected in village groups that become in themselves a small artistic unit. In Colonial days, the farm houses of the Eastern states were probably fairly comparable with the best contemporary work abroad and were characterized by the same beauty of mass and the same delicacy of detail. Nor was this attention to country buildings confined within a limited radius of cities, but was fairly diffused over the Colonies. One appreciates this fact more fully when motoring through some of the New England communities whose country side charm still clings around the early farm houses that are still standing.

Modern farm building architecture, on the other hand, is almost uniformly bald and unattractive, with the few exceptions that we have noted before. It not only makes no pretense to beauty, but it is often supremely hideous and a positive eyesore to the landscape. Honest workmanship is there, but unattended by any instinctive feeling for artistic effort. By this statement, it is not intended to suggest a deliberate search after the picturesque or the bizarre, but merely an intuitive impulse for proper planning and arrangement of the few involved elements.

The modern farmer, as a class, is probably as ready as any other for the reception of ideas that are practical as well as artistic. He is usually prosperous and progressive, and alive to all the newer improvements in scientific agriculture. His training has in many cases been more or less scientific, or we might say, he has at least come in contact in some way or other with modern developments in crop raising. His connection with

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the outside world is being daily more and more extended by the use of the motor car, the telephone and the circulating magazines. His farm buildings and equipment are up to date as far as practicability are concerned, and systematically planned. Here are most of the necessary preliminary conditions fulfilled, ready for his education along a higher plane.

While we are not prepared to suggest ways and means for any definite propaganda towards the artistic uplift of the farmer, it is evident that the ultimate beautifying of our country sides—a much to be desired object in these days when by means of the motor it becomes so much a part of our life—finally depends upon the permeation of modern ideas of art and architecture through this class.

Perhaps the establishment of communal farm colonies, a project that is now being made the object of study of prominent social

workers, may be one of the means towards this end.

The idea is not in any sense a new one, but the time seems exceptionally propitious for a successful venture of this kind. If undertaken in a properly substantial way, it should eventually furnish a striking example of what farm architecture may be made. When the ideas of the city in social development and welfare have been successfully transplanted in the country, a long step towards the solution of this problem will have been taken. In the meantime it seems possible to achieve important and lasting if not as large results by producing, whenever opportunity offers, examples of executed work that will demonstrate in themselves the practical as well as aesthetic value of architect's services in connection with modern farm buildings. It is realized that to do this the architect will be obliged to make some financial sacrifices, but the end in view appears to fully justify them.



BOOKS—A DECORATION FOR A HOUSE IN BOSTON.

EDWIN H. BLASHFIELD, N.A., PAINTER

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The Well Chosen Library

(Continued from page 168)

and "Stucco" are exceedingly valuable and useful; the photographs have been chosen from the plates of the celebrated "Arte Italiana."

SPAIN

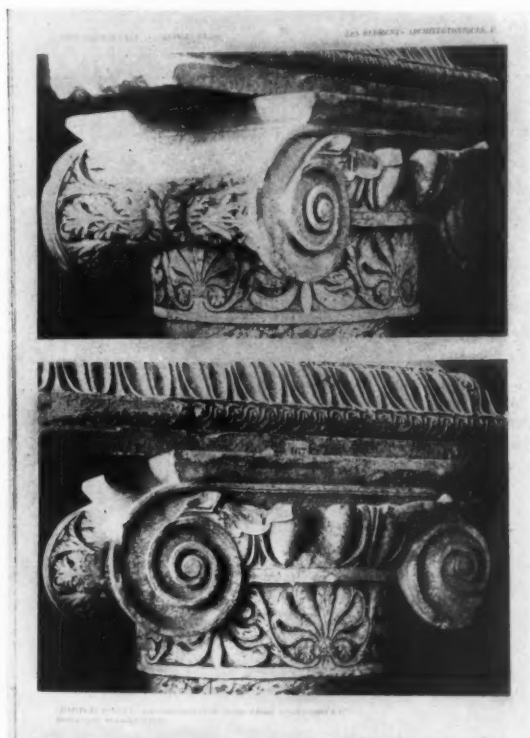
The classic and unique Prentice, "Renaissance Architecture and Ornament in Spain" is still the only book that touches on this still undeveloped field, unless we include Jung-handel, "Baukunst Spaniens" and Uhde, "Baudenkmalen in Spanien und Portugal," two important surveys in photographs of the monumental buildings.

FRANCE

There is a marked and growing tendency towards a more extended use of the French styles in city and country house work, in such offices as McKim, Mead & White's and Platt's that gives an added interest to this period; and the recent publication of several invaluable works on the less known French houses renders available a mass of new material.

Under the influence of Hunt, the early French Renaissance was a fertile and well tilled field, through the medium of Sauvageot, "Palais, Chateaux et Hotels de France," 4v., a series of beautiful engravings; but this material is better presented in a more recent work, Vitry, "Hotels et Maisons de la Renaissance Francaise," 3v, whose photographs are a delight to the eye. The works of Cesar Daly, and Rouyer and Darcel "L'Art Architectural en France" (Paris), are classics whose material treat of this and subsequent periods. Guerinnet has published in 12v. a comprehensive collection of photographs that cover "L'Architecture en France," including the volume on Nancy, of special interest because of its iron work, mostly by the hand of the celebrated Jean Lamour. Many beautiful and exhaustive monographs exist on the French palaces and chateaux, books that every collector will want to have on his shelves, but few that are of vital importance to the architect. "L'Architecture et la Decoration aux Palais du Louvre et des Tuilleries," "Fontainebleau," Pfnor; "Chateau d'Anet," Pfnor;

"Bordeaux," Deshains, "Le Chateau de Vaux-le-Vicomte," Pfnor; Pierre de Nolac, "Histoire du Chateau de Versailles" (Paris). The details of this last named palace are the subjects of excellent and inexpensive books by Favier and Guerinnet, but their value has been lessened since the advent of Arnott and Wilson, "The Petit Trianon" (Batsford, 1905); by photograph and drawing, the authors have detailed practically every bit of this architectural gem, and its utilitarian value to the designer of Louis



A PAGE FROM "L'ART DECORATIF,"
BY GUSMAN

XVI. is inexhaustible. Two recent publications of extraordinary merit are "L'Architecture et la Decoration Francaises aux XVIII. and XIX., Siecles, 2v., and "Les Vieux Hotels de Paris," 10v. They are triumphs of the publisher's art, and the plates have been selected with great care and discrimination; every architect working in the French style will do well to give these books a place in his library. French iron-work cannot be studied to better advantage

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than in the pages of "Documents de Ferronnerie Ancienne," *Epoques XV. and XVI., 4v.*; every type of ironwork from the modest stair rail or grille to the most elaborate is presented in excellent photographs. For polychrome decoration, Gelis-Didot, "La Peinture Decorative en France," 2v. (Paris), is the sole authority, the first volume being occupied with early French ecclesiastical painting and the second with interior work of the Renaissance.

ENGLAND

The intimate relation between the British Isles and this country has always had a strong influence upon American architecture; the Colonial work had its direct source in the architecture of the Georges while Neo-Classicism and its descendants were all filtered through the viewpoint of the Anglo-Saxon mind, and the last decade has seen a recurrence to the prototypes which are after all racially our own. No country has contributed more to the sum total of practical architectural knowledge than England, and its monuments great and small have been assiduously drawn and studied. While in public buildings England is not behind, her real wealth of inspiration lies in the development of domestic comfort and its consequent and fitting housing.

Three monumental works stand out as pre-eminent admirable and authoritative, and their material covers the whole of the domestic English Renaissance. They are Garner and Stratton, "The Tudor Period," a collection of drawings and plates chiefly occupied with the Tudor manor houses as the principal exemplification of the earliest classic influences; Gotch, "Architecture of the Renaissance in England," in which the work of the succeeding period 1560 to 1635 is represented in an equally beautiful form; and Belcher and MacCartney, "Later Renaissance Architecture in England," a fitting sequel to the above volumes.

These books exhibit the rise of the Italian influence from its earliest beginnings, not only in the great structures of the state and the nobility, but also in the more numerous but less pretentious houses of the middle class. The gradual developments of the modern planning requirements, as well as the

slow but at last full assumption of classic teaching can be studied here at length; their application to the problems of modern work will be found direct and practicable.

The larger and more important buildings of England form the material for Uhde, "Baudenkmal Gross Britanien," a collection of photographs necessary to completely survey English architecture. While the illustrations are carefully chosen, its practical value is partially impaired by its wide scope. The Country Life books of Latham "In English Homes" is or should be in the library of every architect doing domestic work, which includes practically the whole profession. Its beautiful plates are a complete exposition of the great English country seats, whose picturesque charm is unequalled. The price of the original edition of Nash, "The Mansions of England in the Olden Time," London, 1839, puts it out of the scope of a modest, or even average library, while the hand colored editions are exceedingly rare and valuable (the collection of Mr. Roche, of Holabird and Roche, includes some of the original drawings from which the plates were made). However, many reprints have been made of these quaint and delightful plates which have the same value to the architect. "The Works of Robert and James Adam," 3v., in its complete form, is also a rare and valuable work. Of books on English detail, there is a wide scope, especially in iron work and cabinet work. For example Murphy, "Scottish and English Wrought Ironwork" is unexcelled and invaluable with both photographs and detailed drawings; this work is in constant use in prominent offices. A smaller but more exhaustive book, Gardner, "English Ironwork of the XVII. and XVIII. Centuries," gives a full historical account of English ironwork, and is finely illustrated; its value will be greater to the student but less to the designer than the foregoing.

Cabinet work may be best approached through the channel of Tanner, "English Interior Woodwork"; the drawings in this book have a very practical value.

Of two recent books on the carving and woodwork of Grinling Gibbons, now so much studied, the best and fullest is Tipping, "Grinling Gibbons and the Woodwork of His Age," a notable and exquisite volume

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of carefully chosen plates. "The Practical Exemplar of Architecture," 4v., a collection of well selected examples of general details such as doors, ironwork, etc., photographed and measured, will be found to be immensely valuable in working out simple problems.

Some smaller books that will be found exceedingly helpful in domestic design are Gotch, "The Growth of the English House," a very useful book in house planning; in Godfrey, "The English Staircase," the small staircase as well as the monumental is fully represented; Richardson and Gill, "London Houses, 1660-1820," and Smith, "The Architecture of Bath," are full of suggestions for the simple town house; Shuffrey, "The English Fireplace"; Bankart, "The Art of the Plasterer," and Weaver, "English Leadwork."

AMERICAN

Despite the unique charm of Colonial houses, we know that their builders were shameless and slavish copyists, and drew their orders and profiles directly from books; it is a matter of regret that books like Asher Benjamin's "Country Carpenter's Assistant" or "The Architect," are not reprinted, for they contain the original sources of much of this work.

"The Georgian Period" is, and probably will always be, the fullest and most complete summary of Colonial architecture, and its possession affords one access to a large proportion of the best examples. It is full of measured detail drawings and suggestive sketches, and is par excellence the authority.

The following books of photographs are also of some value. Chandler, "Colonial Architecture of Maryland, Pennsylvania and Virginia"; "Colonial Architecture in Charleston and Savannah"; Crane and Sonderholtz, "Colonial Architecture in Maryland and Virginia," and Goforth and McAuley, "Old Colonial Architectural Details in Philadelphia."

GARDENS, DECORATION, ETC.

The important part that garden design plays in country house work has received the full recognition of the 20th century, and

no professional library can be said to be complete that omits entirely the especially attractive books on European gardens.

The most used books are those mentioned before on English Homes, and Latham "Italian Gardens," whose beautiful photographs of the villas and gardens of Italy are unsurpassed; they are so well known that further mention is unnecessary. Inigo Triggs is the author of "The Art of Garden Design in Italy" and "Formal Gardens in England and Scotland," two books full of attractive plates whose value is increased by accompanying plans. By the same author is the more comprehensive and equally valuable "Garden Craft in Europe," a complete history of garden design and "Town Planning." Mawson "Civic Art" is another and more exhaustive book on city planning.

The elements of interior architecture and decoration are clearly and simply explained in Wharton and Codman's, "The Decoration of Houses," together with the functions and treatment of the different rooms of the house; by reason of its clarity and sound ideas it may safely be taken as an authoritative guide. Several books rich in suggestions for furniture designers are Strange, "English Furniture, Decoration and Woodwork During the XVII. and XVIII. Centuries" and "French Furniture, Decoration and Woodwork During the XVII. and XVIII. Centuries" and Elwood, "Moebel und Raumkunst."

Fine books do not make fine architects, and at best they can only be supplementary to the creative faculty, but their intelligent use will leaven the artistic conception with taste and discrimination. With even the best architects genius sometimes flags and needs to be refreshed and stimulated by the sight of fine engravings of beautiful photographs; while for the less inspired worker, their talents should lean at least upon the strong support of the past.

Note: The foregoing list is not intended to completely circumscribe the architect's library, which it is understood will include the standard and best known works on architectural engineering, viz.: strength of materials, construction and sanitation, etc. As a supplementary adjunct the review of contemporary American architecture afforded by the journals of the profession is also of obvious importance.

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Current Architectural Press

A SET of the Revised Contract Documents of the Institute forms the supplement to the February issue of *The Journal of the A. I. A.* Mr. Frank Miles Day, as Chairman of the Standing Committee on Contracts and Specifications, contributes a statement briefly outlining the work of his committee in the revision and final form decided on for these instruments.

Mr. Day states that in their present form, these Documents have been completely rewritten, and that,—*"the most divergent forces have acted upon them in such balance as to clarify their meaning, increase their justice, and weld them into a consistent whole."* In concluding his article Mr. Day expresses the hope that all interested in perfecting legal documents of such great importance to owners, architects and the building trades, will freely express their opinions in the form of constructive criticism.

(From *American Academy in Rome*)
(*Journal of The A. I. A.*)



RELEVE: DETAIL OF RAPHAEL'S "L'INCENDIO"
EZRA WINTER, PAINTER

Probably these Documents have now reached a form that will better serve the purposes intended, than ever before. It is certain that Mr. Day's committee has performed in a most efficient way a very valuable service.

The leading feature of the issue is one of the most thorough and best illustrated descriptive articles concerning the American Academy in Rome that has come to our notice. It is by C. Grant La Farge.

The lists of awards in the Beaux-Arts Society Competitions judgment of December 29, 1914, and reproductions of some of the prize-winning designs appear in this issue.

The ubiquity of the photographer has never appeared more fortunate than in the

(From *The Brickbuilder*)



HORTON MEMORIAL CHURCH
MIDDLETOWN, N. Y.

MESSRS. CARRERE & HASTINGS, ARCHITECTS

case of that part of Europe that has suffered from the ravages of war. The foreign illustrated journals have published views of notable structures, exterior and interior, that are now heaps of ruins. These views have been taken from collections hoarded by different photographers, who, when they laid them away, supposed their usefulness had ceased. *The International Studio* for February may be added to the list of magazines that are making valuable records of these subjects. In this issue are a number of very good reproductions of photographs of old interiors in Belgium, and aside from the sentimental value that attaches, they possess a large amount of suggestiveness.

Alfred Yockney contributes an article in this issue on some recent London posters,

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and illustrates it with examples by Macdonald Gill, G. Spencer Pryse, Frank Brangwyn and others. The very marked advance in artistic advertising methods may be said to have had its inception in the poster, and the

(From *Architecture*)



SUBURBAN CLUB, STAMFORD, CONN.

F. B. STEARNS, ARCHITECT, G. F. SHEPARD, ASSOCIATE

fact that artists of world-wide reputation have considered the designing of posters as not beneath their dignity has served to stimulate the efforts of others in this form of art.

A humorous touch is given to this issue by

(From *The Brickbuilder*)



A HOUSE AT ECCLESTON, MD.

MR. LAWRENCE HALL FOWLER, ARCHITECT

the reproduction of some dinner cards and "thumb-nail" sketches by members of the London Sketch Club. These sketches are clever and amusing.

In the leading article of *The Architectural Record* for February, Mr. John J. Klaber

describes the work of a certain expert, in co-operation with architects, in the layout of floor space, to meet daily requirements in banking buildings. The title, "Some recent bank plans, the work of —" is misleading. The banks described are those of J. P. Morgan & Co., by Trowbridge & Liv-

(From *The International Studio*)



HELP!

WATER COLOR SKETCH BY HARRY ROUNTREE,
LONDON SKETCH CLUB

ington; Chase National Bank, Kimball & Roosa, and the Guaranty Trust, by York & Sawyer. What undoubtedly is really the truth is that the planning of these banks was the work of the attributed architects, and the labors of the experts have been confined to an allotment of floor space and an arrangement of utilities.

The Proctor Recreation Center, in Peoria, Ill., Hewitt & Emerson, architects, illustrated in *THE AMERICAN ARCHITECT*, issue of February 3, is illustrated and described in this issue. Other articles are a description of the Montreal Art Gallery, E. & W. S. Maxwell, architects, an address on *The Architects' Part in the World's Work*, by

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Frederick L. Ackerman, and illustrations and descriptions of Three Types of Georgian Architecture, by Harold Donaldson Eberlein.

The houses described are so very familiar to architects, by reason of their repeated publication as among the best types of their period, there is little if any novelty to their presentation.

Architecturally, the most interesting part of this issue consists of the examples of the work of Mr. Thornton Chard in interior designing. The eleven illustrations shown are all well worth the most careful study.

The Brickbuilder for January presents some new features of interest, among which is the publication of the first of a series of measured drawings of early American architectural details. Of course the subject is of undoubted interest, but as it has been thoroughly covered by standard books among which the Georgian Period is probably the most noted example, the necessity for or value of this feature may be fairly questioned. The principal subject illustrated is a brick church in Middletown, New York, Carrere & Hastings, architects. The architects have included the parsonage in the group, and the result is satisfactory both in mass and detail.

A public bath house in Kansas City, Mo., designed by Wilder & Wight, the Pulaski Park Field house, Chicago, W. Carby's Zimmerman, architect; a public bath and gymnasium in New York, by William Emerson, and country houses by Wilson Eyre & McIlvane, William G. Rantoul and Lawrence Hill Fowler, complete the illustrations.

The first of a series of articles by Walter H. Kilham on The Modern School House, appears in this issue, as well as monographs upon types of buildings met in every-day practice.

The latter treats of the small town library and the modern printing plant.

Mr. Hugh Tallant discusses in an interesting and authoritative article the antecedents and characteristics of the American Theatre.

Recent work in public bath houses in representative American cities is described. Taken all in all this issue is a particularly interesting one.

"The impressions of a professional man, practically a stranger, in the cities of Chi-

cago, Pittsburgh and Detroit," are to be set down by Mr. Aymar Embury II in *Architecture*. The first article, on Chicago, appears in the February issue. Mr. Embury acknowledges in this article to "a superficial and cursory knowledge of these three cities," and therefore does not attempt to exhaustively discuss their architecture. What he has written is of interest and indicates close observance and keen appreciation on the part of the author.

Part VIII of the series by Mr. DeWitt Clinton Pond on Engineering for Architects appears in this issue, and a reprint of the recent address of the president of the Architectural Association for Ireland, are other features of the text.

The principal subject illustrated is the Regis High School, New York, Messrs. Maginnis & Walsh, architects. A number of buildings that show commendable features in the use of exterior brick are well illustrated. These are: Duplex houses in Brooklyn, Matt B. Schmidt, architect; the Suburban Club House, Stamford, Conn., Frederic B. Stearns, architect, George F. Shepard, associate; Church and Rectory of St. George, Brooklyn, designed by Robert J. Reiley.

A more valuable lot of current material than that contained in this issue of *Architecture* would be difficult to get together for publication at one time, particularly when, as at present, there is not the usual amount of important work being done.

The January issue of *The Western Architect*, received February 15, is entirely given to illustration of certain examples of the work of Purcell & Elmslie, architects, and we are informed in the text that a further illustration of this firm's work will be presented in the July, 1915, issue.

In contemplating these illustrations we are beset with doubts. The plates are of large size and well reproduced, and the various subjects are dignified in their presentation by quotations from Jean Francois Millet, Oscar Wilde, Richard Wagner, Edward Carpenter and other equally high authorities. Yet even with such endorsement of motives, we are not sure that this work is the harbinger of a new type of American architecture.

The text, aside from the editorials, refers principally to the illustrations.

CURRENT NEWS AND COMMENT

Florida Association of Architects

The annual meeting of the Florida Association of Architects was held at Orlando, on February 12th. A resolution was passed favoring a course of architecture at the University of Florida.

A Lecture by Glenn Brown

Glenn Brown, F. A. I. A., and former secretary of the Institute, delivered a lecture on Augustus St. Gaudens and his works, before the Art Society of Milwaukee, Wis.

The members of the local chapter of The American Institute of Architects attended the lecture as guests of the Society.

Congress Fears an Aristocracy of Art

On the theory that it founded an aristocracy of letters, the House of Representatives has refused to pass a bill incorporating the American Academy of Arts and Letters.

The list of incorporators includes the names of Woodrow Wilson, Theodore Roosevelt, William Dean Howells, Dr. Henry VanDyke, Henry James, Henry Cabot Lodge, Brander Matthews and Thomas Nelson Page. The bill was, it is reported, opposed principally by southern and western members of the House.

Annual Meeting of New York State Architects' Association

Thirty-five members of the American Institute of Architects, representing four chapters of the state association, at their annual meeting in Albany, on February 11th, endorsed the proposed law for the registration of architects under the regents, and commended the work of State Architect Pilcher. The board of directors and committee on

public improvements was instructed to co-operate in the work of preserving historic monuments and buildings.

The following were elected for the coming year: President, A. L. Brockway, Syracuse; vice-president, Robert D. Kohn, New York; secretary-treasurer, F. H. Quinby, Brooklyn; directors, J. M. Hewlett, Brooklyn; H. P. Holland, Buffalo; Leon Stern, Rochester; T. L. Ackerman, New York; E. S. Gordon, Rochester; George Cary, Buffalo; R. M. Hunt, New York; William P. Barmister, Brooklyn.

Medal of Honor to be Given Annually by the Architectural League of New York

At the regular monthly meeting of the Executive Committee of the Architectural League of New York, held February 20th in the rooms of the Architectural League, it was decided to establish a Medal of Honor for Architecture, to be given by the League each year at its Annual Exhibition. The method of awarding this medal will be similar to that now employed by the Committee in charge awarding the Medals of Honor for Painting and Sculpture. The necessary details of the method of award are now being worked out by a special committee appointed by the League to consider the matter. This Committee consists of Mr. Edwin H. Blashfield, Mr. Isidore Konti, Mr. Calvin Kiessling, under the Chairmanship of the President of the League, Mr. Cass Gilbert.

This Committee will draft a preliminary report to the officers of the League concerning the conditions of award. It is the purpose of the Committee to make the conditions comprehensive in character so that the Medal may be said to represent the true consensus of artistic opinion in America.

The Medal will be awarded each year by

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a Committee on which there will be members of the different professions allied to architecture, as well as men who are practicing architects.

The American Institute of Architects has a Medal of Honor of national importance which is given from time to time for works of merit by a Committee appointed from the national organization. This medal of the American Institute of Architects is only awarded at an interval of years, having in the course of the last ten years or so, been awarded to four different Architects, namely Sir Aston Webb, the noted English Architect, who was the first to receive this medal, Charles F. McKim, George B. Post and the French Architect, Charles Pascal, one of the Professors of the Ecole des Beaux Arts. These four Architects have received the medal in the order mentioned.

Two somewhat similar medals exist in Europe. The one in England, the Queen's Medal, is awarded by the Royal Institute of British Architects to men of high professional standing and notable artistic achievements. In France there is the Grand Medal of Honor, given each year in the French Salon. This Medal of Honor, which is the most coveted prize of the architectural world, is awarded each year for works exhibited in the Salon des Artistes Francaise in Paris.

At the present moment, when for the time being at least the artistic center of the world seems to have shifted from Paris to New York, inasmuch as the great exhibitions of Europe are closed on account of the most unfortunate war, it is most appropriate that the Architectural League should establish this medal for Architecture in New York.

In organizing its rules and regulations the Committee which has the matter in charge will pattern the system of awards on that employed by the French Architects in Paris.

Southern California Chapter, A. I. A.

The eighty-first meeting of the Southern California Chapter of the American Institute of Architects was held at Los Angeles, February 9, 1915.

IV

Communications were read:

From the office of the Secretary and Treasurer of the Architectural League of the Pacific Coast, requesting the appointment of a member of the Southern California Chapter of the American Institute of Architects to act on the Executive Council of the League.

A letter from Mr. Octavius Morgan, enclosing a telegram from Mr. Wm. B. Faville, President of the San Francisco Chapter, requesting that this Chapter support a Bill introduced in the Senate by Senator E. S. Birdsall to save the magnificent trees on Lincoln Highway between Lake Tahoe and Placerville. Mr. Morgan telegraphed to Senator E. S. Birdsall, assuring him of this Chapter's hearty support in his efforts to preserve these trees.

From Mr. E. C. Kemper, Acting Executive Secretary of the Institute, requesting the Secretary to forward him a copy of the Code of Ethics of the Southern California Chapter, if it differed in any material respect from the Code of Ethics of the Institute.

From the Acting Secretary to Mr. Kemper advising him that, from a careful survey of the minutes, it would appear that the Institute Code has never been formally adopted by this Chapter, and asking his advice as to what action should be taken.

It was moved, duly seconded and carried, that this matter be carried over to the next meeting of the Chapter as unfinished business.

The Special Committee on Exhibition reported that, after a careful canvass of a number of the Architects relative to the advisability of holding an Architectural Exhibition, it would appear unwise to carry out this work during the present year, because of financial and general business conditions.

Mr. Percy Eisen next brought up for discussion the matter of the County's employing an Architect for the Department of Buildings. Mr. Farwell moved, seconded by Mr. Wackerbarth, that the President appoint a Committee to consult with the supervisors urging them to employ more expert Architectural services.

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Personals

Mr. C. Howard Crane, Architect, of Detroit, Michigan, and Mr. Percival R. Pereira, Architect, formerly with Mr. Thomas W. Lamb, of New York, announce they have associated for the practice of their profession, with offices at 500 Fifth Avenue, New York. The firm name will be, C. Howard Crane, Architect, Percival R. Pereira, Associate.

Horace B. Hammond, Architect, who has been connected with the office of Hentz & Reid for the past five years, has opened an office for the practice of architecture at 1429 Candler Bldg., Atlanta, Ga. Catalogues from manufacturers requested.

Mr. William L. Althouse and Mr. Herbert S. Jones, Architects, announce the formation of a partnership for the practice of their profession under the firm name of Althouse & Jones. Their offices are located at 205 Citizens Building, Mansfield, Ohio.

Mr. Walter S. Schneider, architect, announces that he has moved his office to 12 West Thirty-first street, New York, where he will continue the general practice of his profession. He desires to receive manufacturers' samples and catalogues.

INDUSTRIAL INFORMATION

Heating and Ventilating

The American Blower Company, of Detroit, Mich., with offices in Chicago, New York and London, has recently bound together in loose-leaf form in stiff board covers, for free distribution among architects and others engaged with heating, ventilation and air conditioning problems, a number of bulletins and catalogues that have been published by this company within the last two years.

These pamphlets, as bound, make a volume 9 x 11½ inches in size, and practically 2 inches in thickness, containing data on blowers and kindred lines that is not ordinarily to be found in similar publications.

It is presented in especially convenient form ready for reference.

Architects in general are no doubt already somewhat familiar with Sirocco equipment, but a perusal of the bulletins contained in this volume will doubtless increase their respect for this product and its accomplishments, under all sort of conditions.

Among the subjects treated are the following:

Sirocco fans and blowers; steel plate fans; cone fans; pipe coil heaters; shop heating; mushroom ventilators; Sirocco air purifiers; mechanical draft and drying; engines and traps; disc ventilators; exhaust fans and blowers.

Thorough familiarity with these various publications would seem to practically amount to an education in the subjects treated.

Pumping Machinery and Water Supply Systems

The Dayton Pump & Mfg. Co., Dayton, O., has recently issued a booklet entitled "Water Supply" (Architect's Edition), which describes and illustrates the products of this company. It is stated that in compiling this book an effort has been made to give information which would be of value to the architect and prospective home builder, without going into technical details.

The Dayton Duplex Pump is double-acting on both sides, and is said to throw a steady stream, four impulses being imparted every revolution of the pulley. The power is applied directly to a large pulley swung on the crankshaft between two main bearings. The elimination of reduction gears insures quiet running and reduces the friction to a minimum. Twelve sizes, three to sixty gallons per minute for belt drive from any power.

It is stated that the Dayton Differential Plunger manufactured by this company is a simple device for equalizing the discharge when single-acting working cylinders are used, and produces a double-acting effect, so that an equal amount of water is discharged on both the up and down strokes. The water box, through which this plunger operates, hangs below the cast iron base, to which the

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main frame is bolted. It is said that protection from freezing is thus secured by having the water box and tap for discharge below foundation level.

Copy of this booklet or of a 50-page catalogue which gives much detailed information concerning pumping equipment, will be sent upon application.

Recording Instruments

The Bristol Company, Waterbury, Conn., has compiled for free distribution among those interested, a set of bulletins and catalogues contained in a stiff board binder 8½ x 11 inches in size. These bulletins list and describe Bristol's recording instruments for pressure, temperature, electricity, time, motion, speed, etc. The great movement of recent years toward efficiency and conservation, and the general desire to get the greatest amount of work out of a given expenditure in the form of fuel, or other type of energy, has resulted in a largely increased demand for recording instruments of precision.

The Bristol Company, as a result of more than twenty years' experience, claims to be in a position to offer the most complete line of recording pressure and vacuum gauges that has ever been placed on the market. It is stated that more than 25,000 pressure gauges made by this company have already been sold. Simplicity of construction is one of the chief claims made for these instruments.

The Planting and Care of Trees and Shrubs

The Hicks Nurseries, Westbury, L. I., N. Y., have issued, for free distribution among architects and others interested, a number of pamphlets, books and catalogues describing the various classes of trees, shrubs, plants, and flowers, supplied by these nurseries.

In a preface to one of these publications, it is stated that the Hicks Nurseries are able to serve their clients in several distinct ways: 1st, by supplying big trees, 20 to 50 years old, in addition to the usual nursery sizes of from 4 to 8 years old; 2nd, by supplying little trees, 1 to 4 years old, by the thousand;

3rd, by supplying native trees and shrubs, because they are the most healthy and beautiful; 4th, by urging you to avoid foreign plants if there is a native species fulfilling the same purpose, and, 5th, by discouraging "freaks," such as variegated foliage, purple foliage, and abnormal weeping trees.

The foregoing are all matters of interest to an architect who is charged with the planting and beautifying of his client's grounds. A study of the Hicks Nurseries' literature will afford much information concerning the selection of trees to fulfill any given requirement, how to care for them, how to arrange trees and shrubs to serve particular landscape needs and how to move wild trees and shrubs.

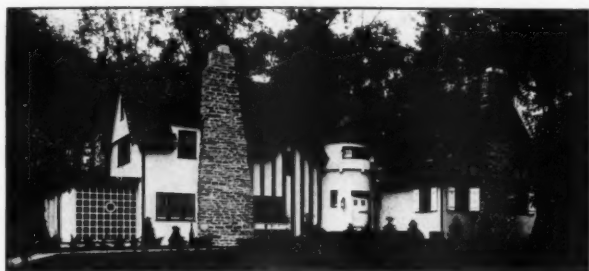
The subject of planting and beautifying the landscape, or any particular plot, is one of very great importance, and one that is coming more and more to be placed under the direction of the architect. A study of the literature above mentioned cannot fail to result in a feeling of "time well spent."

Cornell Board

The Cornell Wood Products Company, with sales office at Chicago, Ill., and mills at Cornell, Wis., has recently issued literature in the form of folders, leaflets, etc., and also samples of Cornell board. This is described as made of pure wood fibre, and designed as an improvement on lath and plaster for walls and ceilings.

For new work, the Cornell board is applied directly to joist and studding. For repairs it is nailed to woodwork through old plaster. The board is said to be sufficiently strong and tough to resist ordinary shocks, jars and strains. It is built up of layers of wood fibres and cemented together with what is said to be waterproof cement. Minute air spaces between the fibres are claimed to make the material an ideal insulator and sound deadener.

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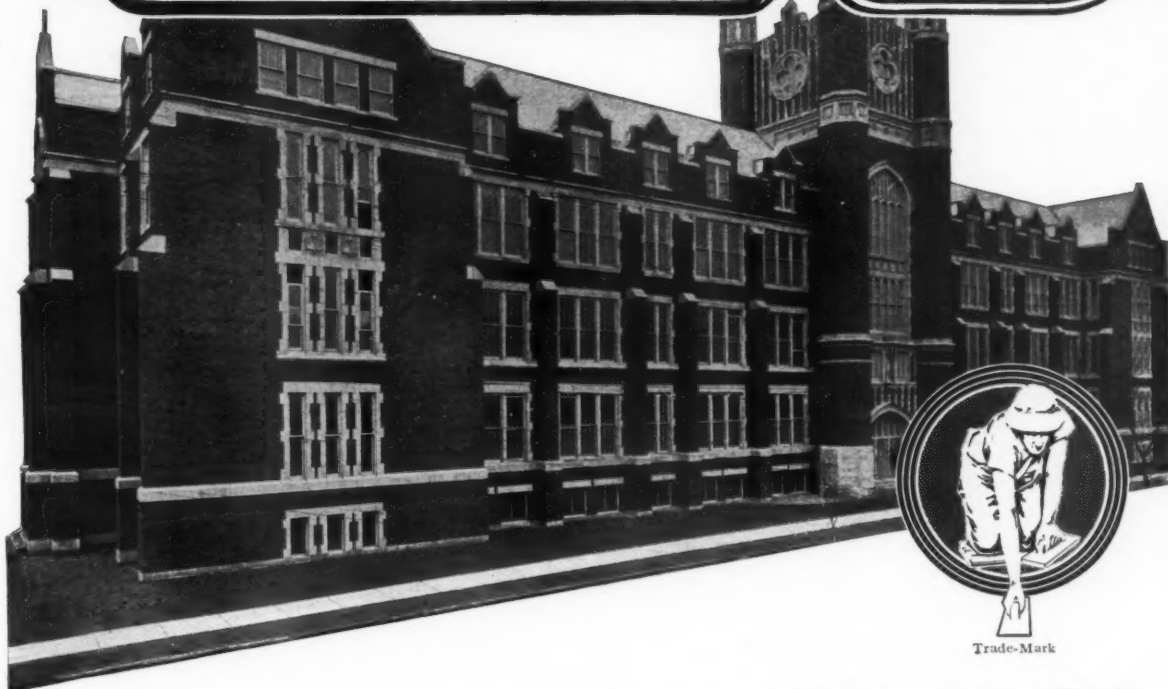


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March 14, 1915.

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Canal Zone Reg. No. 7271-4

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BUILDING NEWS

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

CALIFORNIA.

GREENVILLE, PLUMAS CO., CAL.—It is understood that the Great Western Power Company will erect a club house at Canyon dam for the use of the officials of the company, as soon as spring opens.

LOS ANGELES, CAL.—Plans have been completed by Architects Needham & Cline, 615 Brockman Building, for a two-story house, to be erected on Lennox Street, near Sixteenth, for Mrs. Harley W. Brundidge, 1678 Kingsley Drive.

Plans for a two-story flat building, to be erected at 2927 Normandie Avenue, for W. E. Barrett, have been prepared by the Architectural Designing Company, 624 Grosse Building.

OAKLAND, CAL.—It is announced that Rupert Whitehead has purchased the southwest corner of Fifteenth and Jefferson streets from Nat M. Crossley as a site for a four-story apartment house to cost in the neighborhood of \$20,000.

OLIVE, CAL.—Plans are being prepared by Architect J. Flood Walker, Santa Ana, for a new orange and lemon packing house to be erected here for the Olive Heights Citrus Association.

WOODLAND (YOLO CO.), CAL.—The Porter Estate is having plans prepared for a new \$10,000 theatre building which it will erect on some of its property in this city. When completed, the building will be leased and managed by Harry Leland, formerly of Sacramento.

CONNECTICUT.

BRIDGEPORT, CONN.—Plans have been completed by Architect F. A. Cooper, 1217 Main Street, for the store and tenement building, to be erected on East Main Street, for Vito Romano, 225 Hamilton Street.

BRIDGEPORT, CONN.—Plans are being prepared by Architect F. A. Cooper, 1217 Main street, for the proposed store and apartment building to be erected at the corner of State street and Clinton avenue for Nathan Engleman, 700 East Main street.

Joseph Tedesco, 42 Hallett street, will erect a building on the same street, according to plans now being prepared by Architect F. A. Cooper, 1217 Main street.

DEVON, CONN.—Architect A. S. Meloy, P. O. Arcade, Bridgeport, has completed plans for a house, to be erected for Malcolm T. Kerr.

ELLINGTON, CONN.—The members of the Congregational Church are planning the erection of a new edifice. At a recent meeting they voted to accept the plans for this structure submitted by Charles Cameron Clark, of the firm of Clark & Arms, Architects, 542 Fifth avenue, New York City.

NORTH BRIDGEPORT, CONN.—Architect Leonard Asheim, 211 State street, Bridgeport, has completed plans for the proposed addition to the Whittier school house here.

WATERBURY, CONN.—Architect Wilfred E. Griggs, 51 Leavenworth Street, has completed plans on which bids are being received for an ice storehouse, to be erected on Watertown Avenue, for the Waterbury Ice Corporation.

Plans are being prepared by Architect Wilfred E. Griggs, 51 Leavenworth Street, for an addition to the factory building of the Pilling Brass Company on Watertown Avenue.

Architect C. J. Bailey, 42 Church Street, of New Haven, has prepared plans for a residence, to be erected on Highland Avenue for Emil Ruffeth, 32 Wilson Street.

Bids are now being received on plans prepared by Architect J. T. Smith, 36 North Main Street, for an addition, to be erected to the Boulevard Garage, owned by Delay & Russell.

Architects Tyler & Duhaime, 27 West Main Street, have completed plans for a three-family house, to be erected on Chipman Street for John Engrat, 624 Highland Avenue.

DELAWARE.

WILMINGTON, DEL.—Santa Maria Council, Knights of Columbus, expect to build a hall in the near future, to cost about \$100,000.

Architect E. C. May, 432 Du Pont building, is receiving bids on plans and specifications prepared by him for the erection of two houses on Riverview avenue, near Sixteenth street, for Nathaniel McKinney.

The Orthodox Friends, who are now located at Ninth and Tatnall streets, will build a new meeting house at Tenth and Harrison streets.

DISTRICT OF COLUMBIA

WASHINGTON, D. C.—It has been announced by Mrs. Henry F. Dimock, president of the George Washington Memorial Association that \$26,000 has been raised toward the fund to erect in this city a George Washington Memorial Building. The building will be erected on the site of the old Pennsylvania Railroad station at 6th and B streets, northwest.

GEORGIA.

ROME, GA.—Bids for the construction of the Municipal building to be erected in this city on the northeast corner of Broad street and Sixth avenue will be received by Mayor J. D. Hanks, this city, until noon, March 22nd, according to plans prepared by Architect A. TenEyck Brown, 607-10 Realty Trust building, Atlanta, Ga.

ROME, GA.—A new Municipal Hospital building will be erected in this city shortly. Plans for the structure will be prepared by Architect P. Thornton, Marye, Candler Building, Atlanta.

ILLINOIS.

CHICAGO, ILL.—Murray Wolbach has purchased from Mae Elizabeth Hoyt, through the Bowes Realty Company, the property at the northeast corner of Grand avenue and Lincoln Parkway. Nothing definite regarding the improvement of this property is announced.

CHICAGO, ILL.—The W. W. Kimball Company is planning the erection of a new building on the site of the present Kimball Hall at the southwest corner of Wabash avenue and Jackson boulevard, at a cost of about \$2,000,000.

GALESBURG, ILL.—The people of the Fifth Ward will present a petition to the Board of Education at its next regular meeting, asking for a new fireproof school building on the site of the present Cooke school.

INDIANA.

COLUMBUS, IND.—The city council has granted permission to the city to construct a school building, at a cost of \$25,000, to be used for the work of domestic science and manual training departments of the city schools.

LAFAYETTE, IND.—A new armory will probably be erected on the campus of Purdue University in the early future.

MISHAWAKA, IND.—The Mishawaka Woolen Manufacturing Company will erect new buildings to its plant in this city. This improvement will cost about half a million dollars.

SOUTH BEND, IND.—Plans have been completed for a new home to be erected at 323 North Michigan Avenue for Aerie No. 435, F. A. E. Cost will be about \$25,000.

IOWA.

BOOTE, IA.—Architects Proudfoot, Bird & Rawson, Flynn Bldg, Des Moines, has prepared plans for a new bank building to be erected at Eighth and Story streets for the First National Bank. New structure will cost about \$140,000.

DES MOINES, IOWA.—A new \$15,000 grade school building will be erected on a site near Johnston Station on the Perry interurban, for the consolidated school district of Webster and Jefferson townships.

FREMONT, IA.—The Independent School District of this city has voted bonds in the sum of \$30,000, for the erection of a new school building.

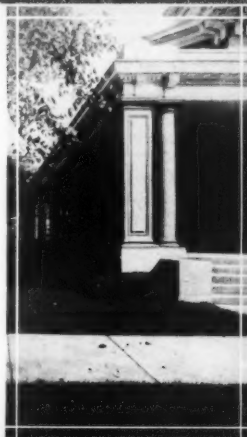
SCRANTON, IA.—Bonds in the amount of \$36,000 have been voted for the erection of a new school building, here.

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No. 728 R-W Ideal

WATERLOO, IA.—The Masonic Building Association is endeavoring to procure a suitable site upon which to erect a new temple.

KANSAS.

HERINGTON, KAN.—Bonds in the amount of \$32,000 have been voted for the erection of a new high school building for this place.

OTTAWA, KANS.—The Detention Home Committee from the board of supervisors is endeavoring to decide upon a site for the proposed new \$30,000 home to be erected by the taxpayers of the county.

SALINA, KAN.—The United Telephone Company will erect a new warehouse and automobile garage just west of the present telephone office building on West Iron.

KENTUCKY.

HENDERSON, KY.—Steps are being taken to erect a \$20,000 tuberculosis sanatorium in Henderson county.

LEXINGTON, KY.—Architect F. J. Manley, City National Bank building, of this city, and Joseph & Joseph, Commercial building, of Louisville, Associated, will prepare plans for the remodeling of the building on East Main street owned by Garret D. Wilson, into a motion picture theatre. When completed the new playhouse will be in charge of Louis Zahler. Cost of improvement will be about \$35,000.

LEXINGTON, KY.—At a meeting of the State Christian Women's Board of Missions, held recently in the Central Christian Church, the matter of rebuilding the dormitory at Hazel Green Academy, recently destroyed by fire was discussed.

LOUISVILLE, KY.—Plans for the Ford Motor Car Factory building, to be erected on a site between the Louisville and Nashville and Southern tracks on Third street, were filed yesterday with city building inspector.

MAINE.

PORTLAND, ME.—Tentative plans for the proposed parish house of the St. Stephen's Episcopal Church, to be erected on Vernon Court, near the church, were considered at a recent meeting of the board of trustees of the parish.

MARYLAND.

BALTIMORE, MD.—Plans prepared by Architect Stanislaus Russell for nine two-story brick dwellings to be erected on the west side of Smallwood street, north of Clinton avenue, have been filed by Stephen P. Harwood.

BALTIMORE, MD.—It has been announced that Architects Parker, Thomas & Rice, Union Trust building, have been commissioned to prepare plans for a 12 or 15-story office building to be erected at the southeast corner of Lexington and Liberty streets, at a cost of about \$200,000. This building will probably be erected for the Consolidated Gas, Electric Light and Power Company, Herbert M. Wagner, president.

BALTIMORE, MD.—The Atlantic Can Company has filed plans with the Inspector of Buildings for a new factory building to be erected at 2108-26 Boston street, according to plans prepared by Architect William O. Sparklin.

BALTIMORE, MD.—John F. Hancock & Sons, South Howard street, have purchased the property at 521 West Lombard street, and contemplate erecting a building on the property suitable for their chemistry business. Sale was negotiated by Thomas O. Polk.

It is announced that Architects Ellicott & Emmart, Union Trust Bldg., are preparing plans for an eight-story building to be erected on the old Y. M. C. A. site, northwest corner of Charles and Saratoga streets.

BALTIMORE, MD.—Architect J. C. Spedden is preparing plans for a three-story building to be erected at 606 East Baltimore street for Joseph Sopher.

Plans for alterations to the Federal League ball park are being prepared by Architect Otto G. Simonson, Maryland Casualty Tower.

MASSACHUSETTS.

AMHERST, MASS.—The erection of a new high school building to cost \$100,000 is being considered for this place.

ARLINGTON, MASS.—Arthur E. Northrop has purchased a site on the northerly side of Harlow street, upon which to erect a two-family house. The Edward T. Harrington Company negotiated the deal.

BOSTON, MASS.—The Woman's Board of Trade of Massachusetts will erect a new building in the Park Square district on Arlington street, to be devoted entirely to women's business and business women.

Architect Charles K. Cumming, 8 Beacon street, has prepared plans for a new six-story building to be erected on the site of the present building on Oliver street and Franklin. This property was recently leased by Alonzo W. Perry from David P. Kimball, trustee.

BOSTON, MASS.—It has been decided by Mayor Curley to erect a new building as soon as possible on the site of the old Probate Court building, with quarters for Police Station No. 2, according to plans prepared by Architect Harrison H. Atwood, 61 Alban, Dorchester. Cost will be about \$300,000.

BOSTON, MASS.—Plans are being prepared by Architect F. A. Norcross, 46 Cornhill, for a four-story brick and stone apartment building, to be erected at Grove and Geneva streets, East Boston, by D. Crulli. Cost, \$20,000.

Architects Jardin, Hill & Murdock, 3 W. 29th street, New York City, are preparing plans for the new building for *The Crimson* (Harvard daily), to be erected on Plympton street, directly in the rear of Hampden Hall.

MALDEN, MASS.—R. E. Smith, of Boston, has purchased a site in Eastern avenue near Franklin street, this place, upon which he intends to erect a wool storage house.

SPRINGFIELD, MASS.—The Third National Bank of this city is planning the erection of a new office and banking building, costing \$700,000, to be erected at Main street and Harrison avenue.

WEST MANSFIELD, MASS.—Plans have been prepared for a new Central school building to be erected here at a cost of \$15,000.

MICHIGAN.

BAY CITY, MICH.—The DeNemours Powder Company will erect a \$50,000 addition to its plant for the manufacture of acetone.

DETROIT, MICH.—A new two-story building, costing \$100,000, will be erected for the Joyce school on Sylvester avenue, between Seneca and Iroquois avenue.

DETROIT, MICH.—The congregation of the Central Methodist Church has approved plans for the new \$15,000 addition to the church building. Rev. H. Lester Smith is pastor of this church.

GRAND RAPIDS, MICH.—Architect C. Howard Crane, Ford Bldg., Detroit, has prepared plans for the new Strand motion picture theatre which A. Gillingham is to erect on a site of the Star Clothing Company in Monroe avenue, north of Lyon street. This building will cost from \$50,000 to \$60,000.

David and Arthur D. Wolf have purchased from George and Albert Bemis, a three-story block on Division street, near Island street. The building on the property will be remodeled at a cost of \$20,000.

The Association of Commerce will probably lend its influence in the matter of the erection of a grain warehouse and elevator for the benefit of this city and Western Michigan.

OWOSSO, MICH.—A new \$30,000 school building will be erected at the northwest corner of Michigan avenue and Clinton street, according to plans prepared by Architect F. D. Butterworth, Lansing.

MINNESOTA.

DULUTH, MINN.—The congregation of the St. Stephen's German-English Lutheran Church, 67th avenue, west, and Raleigh street, are preparing to erect a new edifice at the corner of 58th avenue and Nicollet street, West Duluth. Cost will be about \$10,000. Rev. Walter Sievers is pastor of this church.

The Minnesota conference of the Augustana synod, Swedish Lutheran Church of America, will erect and maintain a home for orphans in this city. Rev. J. E. Hedberg, of Gibbons, Minn., will become superintendent of the Duluth Home.

PROCTOR, MINN.—The school board of this village is planning the erection of a new \$40,000 school building.

ST. CLOUD, MINN.—Bids will be received at 4 o'clock P. M., March 22nd, for the erection of the Lincoln School.

ST. PAUL, MINN.—A new addition is soon to be erected for the town and country club house, to cost \$20,000.

MISSOURI.

ST. JOSEPH, MO.—Engberg Electrical Company is planning the erection of a new \$20,000 building. The St. Joseph Development Company has decided to extend financial aid to this company in its endeavor to erect such a building.



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NEBRASKA

HASTINGS, NEB.—The C. W. Way Company, Madgett Bldg., architects, will award contracts March 22nd, for the new fireproof garage building to be erected at the corner of Burlington avenue and Second street.

Plans are being prepared by the C. W. Way Company, Madgett Bldg., architects, for a new general store to be erected at Deshler for Rudolph Koch.

NEW JERSEY.

ASBURY PARK, N. J.—Architect Elmer C. Benner, Appleby Building, has prepared plans for the proposed new edifice for the Evangelical English Lutheran Church, to be erected on Grant Avenue and Monroe.

Plans are being prepared by Architect Leon Cubberly, Record Building, Long Branch, to be erected at First Avenue and Kingsley Street, the site recently purchased by J. Walter Butcher. The Butcher Amusement Company, which is being formed, will build and operate this theatre.

LAMBERTVILLE, N. J.—Charles C. Hildinger and Philip Papier have purchased the properties of Harry E. Van Horn, at 14 and 16 Coryell Street, and plan the erection of a large motion picture theatre building on the site.

NEWARK, N. J.—Plans are being prepared at the office of Architect Edward V. Warren, 22 Clinton Street, for alterations to and remodeling of the Family Theatre Building, on the northwest corner of Washington and Marshall streets.

NEWARK, N. J.—Plans have been completed by Architect Edward V. Warren, 22 Clinton street, for a \$60,000 apartment building to be erected in Camp street, east of Broad, for the J. H. Mayzel Company.

Architect Romolo Bottelli, 191 Market street, has prepared plans for a three-story brick dwelling house to be erected for Andrew Marotto at 23 Searing street.

PLAINFIELD, N. J.—Bids will be opened in the office of W. O. Wenderoth, supervising architect in the Treasury Department, Washington, D. C., April 2nd, at 3:00 P. M., for the construction of a new post office for this city.

TOM'S RIVER, N. J.—Architects Heacock & Hokanson, 1220 Chestnut street, Philadelphia, Pa., have completed plans for a garage to be erected here for Louise Burdsall.

TRENTON, N. J.—J. F. McGarrity, of Philadelphia, representing the Quaker City Novelty Company, has purchased the old plant of the General Porcelain Company, located at Hoffman avenue, along the Reading railroad tracks. The Philadelphia concern plans to raze the old buildings of the porcelain plant and erect a modern three-story building of concrete and steel.

NEW YORK.

ALBANY, N. Y.—J. J. Bastian, Jr., will erect two two-story frame flat houses at 675 and 677 Myrtle avenue, at a cost of about \$10,000.

BROOKLYN, N. Y.—Plans are being prepared by Architect W. T. McCarthy, 16 Court Street, for seven three-story two-family house and store building, to be erected on the east side of Fifth Avenue, by Sigmund Goldberg, 823 West End Avenue, New York City.

Architects Shampman & Shampman, 772 Broadway, have prepared plans for two apartment buildings, to be erected on the northeast corner of Dorchester Road and East Twenty-first Street, for the Brooklyn Union Corporation. Cost, \$75,000.

BROOKLYN, N. Y.—Work will soon be started on the construction of the New Lots Post Office Station, to be located at Glenmore avenue near Fountain street. This announcement was made by Postmaster Kelly.

BROOKLYN, N. Y.—The W. Beckers Aniline and Chemical Works of Brooklyn have purchased a tract of land bounded by East 83d, East 84th, and East 85th streets, Ditmas avenue, and the New York Connecting Railroad, where a large-sized chemical plant will be erected.

Plans have been completed by Architect W. T. McCarthy, 16 Court street, for a four-story apartment building, to be erected on the southeast corner of Fifth and Ovington avenues for Sigmund Goldberg.

Plans have been prepared by Architects Shampman & Shampman, 772 Broadway, for apartment buildings to be erected at Nos. 105-107 Cook street, for the Reiss Realty Construction Company.

Isaac Haft has purchased the property of the Ross Street Presbyterian Church, between Bedford and Lee avenues, and two new apartment buildings will be erected thereon.

BROOKLYN, N. Y.—Plans are being prepared by Architects Shampman & Shampman, 772 Broadway, for an apartment building to be erected on a plot of ground on the east side of Ralph avenue, north of St. John's place, for the Clifton Place Realty Company.

Plans are being prepared by Architect W. T. McCarthy, 16 Court street, for two four-story apartment buildings to be erected on the northwest corner of Avenue F and East Third street by the Rapid Building Company, 35 West 39th street, New York City.

Architects Shampman & Shampman, 772 Broadway, have prepared plans for an apartment building to be erected at 105 and 106 Cook street for the Reiss Realty and Construction Company.

CEDARHURST, L. I., N. Y.—A new four-story apartment and store building will be erected on Cedarhurst avenue for J. Paul.

ELMHURST, L. I., N. Y.—A Ways and Means Committee, composed of members of Mizpah Lodge of Masons, are raising funds for a Masonic Temple to be erected on a plot of ground on Grand street, west of Queens boulevard.

ELMHURST, L. I., N. Y.—The Lutherans of this place will endeavor to raise money after Lent, with which to erect a church building.

GREAT NECK, L. I., N. Y.—Mrs. O. H. P. Belmont has purchased the O'Rourke property here, and will have a new residence erected thereon this year.

HUDSON, N. Y.—Bids for the construction of a laundry building for the New York State Training School for Girls will be received by Miss Mary Hinkley, president of the board of managers, of this school, until 2 P. M., March 8th, 1915, according to plans on file at the school, or at the New York office of the Department of Architecture, room 1,224 Woolworth building, New York City, or at the Department of Architecture, Capitol, Albany, N. Y.

MIDDLETOWN, N. Y.—Charles Wolff, Jr., whose present quarters are located at North and King streets, has purchased the Dusenberry building at 14 and 16 North street, through the agency of Archibald Taylor & Company. Mr. Wolff will not vacate his present premises until the end of this year, and it is thought the Dusenberry building will be enlarged.

NEW YORK CITY.—Architect James C. Green, 103 Park Avenue, has prepared plans for a twelve-story office building, to be erected at 1562 Broadway, between Forty-sixth and Forty-seventh streets, for L. F. H. & M. Company, Inc.

Perclval Kuhne, of the banking firm of Knauth, Nachod & Kuhne, has purchased the Charcornac apartment house at 5 and 7 West Ninety-first Street.

The Kovacs Construction Company, Julius Kovacs, president, has purchased a plot of ground in the north side of 204th Street, west of Broadway, from Max Marx, and will improve the site with a five-story apartment house.

Plans are being prepared by Architects Rouse & Goldsmith, 38 West Thirty-second Street, for an eleven-story building, to be erected on Broadway, between Forty-first and Forty-second streets, at a cost of about \$500,000.

NEW YORK CITY.—Pease & Elliman has sold the Costello estate property at 13 and 15 E. 66th street to a client who will erect a dwelling house thereon. Name of purchaser is not disclosed.

Goldner & Goldberg, 391 E. 149th street, have prepared plans for three five-story apartment buildings, costing \$195,000, to be erected at the northeast corner of Vyse avenue and 180th street by the Mott Avenue Realty Company, Hyman Barnett, president.

NEW YORK CITY.—Factory Sites Company has sold to Bronx Bakery some property on Barry street, between Longwood and Leggett avenues, upon which a baking plant will be built.

Harris Fahnestock, banker, with offices in Wall street, will erect a new \$300,000 residence at 13-15 East 66th street, according to plans prepared by Architects Hoppin & Koen, 244 Fifth avenue.

NIAGARA FALLS, N. Y.—Max M. Oppenheim, a real estate man of North End, is having plans prepared for a motion picture theatre building, to be erected in the rear of the present Oppenheim block in Main street, between Pierce avenue and Lockport streets. Cost, \$25,000.



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ORISKANY FALLS, N. Y.—A new church edifice will probably be erected here soon for St. Joseph's Parish, Rev. Father H. P. Hyland, pastor. Plans for this building will be prepared by Architect Edward J. Berg, Utica.

OSWEGO, N. Y.—The Italian citizens of this city have decided to launch a movement for the erection of a church building. At a recent meeting held in St. Louis Hall, Father Geremia, an Italian priest of Syracuse, presided.

POUGHKEEPSIE, N. Y.—Arthur G. Smith is planning the erection of two new factory buildings in this city, one on Mechanic street and the other on Church street. Plans for these buildings are being completed by Architect W. J. Beardsley, 49 Market street.

ROCHESTER, N. Y.—The old John E. Morey home on Clinton avenue, south, opposite Johnson Park, will be razed by the owner, William H. Sours, and a three-story brick structure erected thereon to be the home of the New England Furniture and Carpet Company, which is now on Main street, east, near South avenue. Plans for this building are being prepared by Architect Arthur B. Headley.

SYRACUSE, N. Y.—Architect Charles D. Wilsey, S. A. & K. building, has completed plans for a four-family apartment building to be erected in Second North street by Frederick Beley.

Plans are also being prepared by Architect Charles D. Wilsey, S. A. & K. building, for a brick and frame apartment building, to be erected at 1215 North State street by Lorenzo Arlotto.

Architect Albert L. Brockway, 37 Syracuse Savings Bank building, has completed plans for a new residence to be erected at No. 1100 James street for Frank C. Soule. Cost, \$40,000.

Plans are being prepared by Architects Gaggin & Gaggin, 920 University building, for a new residence to be erected in James street for H. Winfield Chapin.

John J. Barry, of Oneida, has purchased a site in Dorset road, Berkeley Park, from Hills & Loucks, upon which he will erect a new home. Mr. Barry expects to move to Syracuse when this is completed.

SYRACUSE, N. Y.—A new edifice is soon to be erected at South Beech and Judson streets for the Calvary Baptist Church, to replace the structure at 1427 East Genesee street, recently destroyed by fire. Rev. George K. Warren is pastor of the church.

SYRACUSE, N. Y.—Plans prepared by Architect James A. Randall for the new school building have been accepted by the Vocational High School Commission.

SYRACUSE, N. Y.—C. A. Hawkins has purchased from Prof. Charles W. Cabeen, of Syracuse University, through Hills & Loucks, a vacant site in Sorset road, Berkeley Park, upon which a large colonial house will be erected.

WALDEN, N. Y.—Architect F. E. Estabrook, 72 Second street, Newburgh, has completed plans, and bids are being requested for the construction of a new municipal building here.

WATERTOWN, N. Y.—George N. Brown, of this city, has sold a site on Sherman street to Rufus Nye, of Massey street. The purchaser plans to build a home on the property.

NORTH CAROLINA.

ASHEVILLE, N. C.—W. M. Reynolds, of Winston Salem, has purchased a site in Kenilworth Park and has announced that he will have a bungalow erected thereon.

DAVIDSON, N. C.—A movement has been made which looks to the erection of an alumni building for Davidson College.

EDENTON, N. C.—There is a movement on foot to erect a modern auditorium in the heart of this town. A site has been secured for the structure, and about one-third of the stock subscribed.

JAMESTOWN, N. C.—A bond issue of \$15,000 will probably be voted to erect a new high school building to replace the one recently burned.

WINSTON SALEM, N. C.—It has been stated by President Harrison, of the Southern Railroad, that plans are being prepared for a new passenger station for this city.

WINSTON SALEM, N. C.—The executive committee of the Children's Home is planning the erection of a building to be known as the administration building. An effort is being made to raise \$50,000 for this purpose.

OHIO.

CINCINNATI, O.—An apartment building is to be erected at the northwest corner of Clifton avenue and Riddle road by Dickman & Thompson. Cost, \$18,000.

CLEVELAND, OHIO.—A new motion picture theatre and office building, costing \$1,000,000, will be erected in Euclid avenue for Emanuel Mandelbaum, owner.

DAYTON VIEW, O.—New bids will be received by C. J. Schmidt, clerk of the Dayton View School Board, until noon, March 29th, for the construction of the new Dayton View school building. Plans for this structure were prepared by Architects Schenck & Williams, Arcade building.

DELAWARE, O.—A new fraternity home is soon to be erected by the local chapter of Beta Theta Pi, now located on North Sandusky street. Cost of building will be about \$20,000.

MCCUTCHEONVILLE, O.—Bids will be received by the Board of Education of the McCutcheonville Rural School District, at the office of J. L. Bare, clerk, until noon, March 15th, 1915, for the erection of a two-story and basement fireproof centralized school building, to be located in this city, according to plans prepared by Architects Pretzinger & Musselman, 1155 Reinbold Annex, Dayton.

MORRAL, OHIO.—Bonds in the amount of \$37,000 have been voted for the erection of a new school building near here at a point close to the center of the township.

OWENS, O.—The Board of Education of Pleasant Township passed a resolution recently to issue bonds in the amount of \$30,000 for the erection of a new building one mile east of this place.

SOUTH VERNON, O.—At a recent meeting of the Clinton township school board, it was decided to build a new schoolhouse here the coming summer. It will be erected on a tract of land on the east side of the Newark road. Plans have been prepared by Architect Walter Anderson.

SPRINGFIELD, OHIO.—It has been announced by Architect Roy F. Gahles, Bushnell Building, that he is preparing plans for three new residences, to be erected by the Kissell Building Company on the north side.

Plans have also been prepared by Architect Roy F. Gahles, Bushnell Building, for the remodeling of the residence of John M. Waddell, of Greenfield.

An addition will soon be erected to the plant of the Elwood Myers Company, at a cost of about \$30,000. Plans are being prepared by Architect R. C. Gotwald, Gotwald Building.

SPRINGFIELD, O.—Five residences on West Columbia street will be razed to make way for a large warehouse to be erected at an early date by the Springfield Planing Mill and Lumber Company.

TONTOGANY, OHIO.—Architects Howard & Merriman, 7 East Broad Street, Columbus, have prepared plans for a new \$42,000 school building, to be erected in the vicinity of this place by Washington township citizens.

URBANA, O.—Architect F. G. Mueller, Reutschler Building, Hamilton, will prepare plans for a new Masonic temple to be erected in North Main Street at an early date.

VAUGHNSVILLE, O.—Bids will be received by the board of education of Sugar Creek township, Putnam County, Ohio, for the erection of a four-room two-story addition to the school building in this city, and also for the erection and completion of a one-story and basement four-room school building to be erected at Rimer, O., until noon, March 19, 1915, according to plans prepared by Architects Leech & Leech, 7 Public Sq., Lima, O.

YOUNGSTOWN, O.—Architect C. F. Owlsley, 522 Dollar Bank building, will prepare plans for a new school building, which will probably be erected in West Cimmers avenue. Cost, \$85,000.

YOUNGSTOWN, O.—The Ohio State Telephone Company has purchased the Daniel Moyer property at East Rayen avenue, as the site of the new exchange it is proposed to erect. Plans for a building costing \$30,000 are being prepared by Architect C. G. Owsley.

OKLAHOMA.

OKLAHOMA, OKLA.—The J. W. Jenkins & Sons Music Company will erect a three-story building at 223 West Main street, at a cost of \$20,000.

PENNSYLVANIA.

BETHLEHEM, PA.—Plans are being prepared by Architects Neff & Thames, Stephen Girard Building, Philadel-



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phia, for a three-story high school building, to be erected here at a cost of about \$175,000.

ERIE, PA.—Harry J. Schlosser, of this city, is making arrangements to erect an eight-story reinforced concrete fireproof store, office and light manufacturing structure, costing approximately \$100,000, at the corner of Lake-side avenue and East Third street, Cleveland, O.

ERN ROCK, PA.—A meeting of the residents of the lower Oak Lane, Fern Rock and Branchtown sections, will be held at the residence of William H. Paul on North Park Avenue, Fern Rock, for the purpose of organizing a new Presbyterian congregation, and ultimately to erect a new church edifice.

FRANKFORT, PA.—Architects Ballinger & Perrot, 1211 Arch street, have completed plans for an additional building to the plant of William and Harvey Rowland, Inc., Tacony and Lewis streets.

GLEN MILLS, PA.—A new addition will soon be erected to the laundry building at the Boys' House of Refuge here.

HARRISBURG, PA.—The Finance Committee of the Harrisburg school board has authorized a bond issue of \$75,000 for the erection of a new school building at Fifth and Mahantango streets.

JOHNSTOWN, PA.—A. J. Leonard is negotiating for the purchase of the property adjoining his present holdings on Fairfield Avenue with a view to erecting a new hotel building thereon. His present place is at the corner of Fairfield Avenue and Stackhouse Street.

MILLERSBURG, PA.—A new three-story building will be erected at Market and Center streets, this place, by Brubaker Brothers.

PHILADELPHIA, PA.—Architects Heacock & Hokanson, 1220 Chestnut street, have completed plans and will invite bids for a two and a half-story residence to be erected in Swarthmore for Dr. Jacquette.

PHILADELPHIA, PA.—William T. Clark has purchased from Carl A. Brown seven building sites on the north and south sides of Sparks street, between Twentieth street and Ogontz avenue, and in the fall will develop the property with an operation of two-story dwellings.

Plans have been prepared by Architects Magaziner & Potter for a one-story building to be erected at 701 Passyunk avenue for the State Bank.

At a cost of \$25,000, L. M. Strohman will erect ten two-story brick dwellings, on the south side of Ruscomb street, east of Sixteenth street.

PHILADELPHIA, PA.—Plans have been completed by Architects Zantlinger, Borie & Medary, 15th and Walnut streets, for the Washington Memorial Chapel, to be erected in Valley Forge.

The Nitrogeneous Chemical Company is having plans prepared for a two-story plant to be erected at Tasker street wharf, on the Schuylkill River.

PITTSBURGH, PA.—H. J. Heinz will erect a \$20,000 moving picture theatre building on his site at the forks of the road, Penn Avenue and Thirty-fourth Street.

PITTSBURGH, PA.—The H. J. Heinz Company will erect a motion picture theatre building on a site adjoining the plant of the company for the education and entertainment of the employees of the company when they are off duty.

PITTSBURGH, PA.—Henry C. Frick, New York City, has purchased the Old St. Paul Cathedral property, comprising a city block, bounded by Fifth avenue, Grant street, Oliver avenue and William Penn place and has tentative plans for the erection of a modern arcade building thereon.

C. L. Wooldridge, building superintendent of the Board of Public Education, has announced plans for the new Homewood-Brushton High School building.

SCRANTON, PA.—The members of the Young Men's Hebrew Association are planning the erection of their new home to be erected soon.

SOUTH BETHLEHEM, PA.—L. L. Sterner & Sons, Broadway and Seminole street, have purchased property at the Five points, and will shortly erect a new garage building.

SWOYERSVILLE, PA.—The members of the congregation of St. Mary's Polish Catholic Church have purchased property on Barber street for the erection of a convent.

RHODE ISLAND

PROVIDENCE, R. I.—The members of the Gloria Dei Swedish Evangelical Lutheran Church will erect a new

church building on Hayes street, according to plans which are being prepared by Architects Jackson, Robertson & Adams, Turk's Head Bldg.

TENNESSEE

CAMDEN, TENN.—Bids are being requested by A. S. Hassell, clerk of Benton County, Tenn., for the construction of a new court house that will cost \$40,000, according to plans prepared by Architect Edwin Dougherty, Nashville.

TEXAS

AUSTIN, TEX.—It has been announced by Major George W. Littlefield that bids will be requested soon for the construction of two additional stories to the Littlefield building. Plans for this structure were prepared by Architects C. H. Page & Brother, 505 Congress avenue.

COLEMAN, TEX.—Plans and specifications have been prepared for the erection of a new brick passenger station for the Gulf, Colorado and Santa Fe railroad.

DALLAS, TEX.—Bids will be received by Wilbarger County Commissioners' Court until 10:00 A. M., March 8th, for the remodeling of the court house, according to plans and specifications prepared by Architect L. L. Thurmon & Co., Robert Banner Bldg., this city.

VERMONT

BRATTLEBORO, VT.—Plans have been completed and bids are being received for the new Federal building for this city. All bids are due March 22nd.

VIRGINIA

NORFOLK, VA.—Plans have been completed and bids will soon be requested by Architects Mitchell & Wilcox, for the new Sunday school building for Epworth M. E. Church. Cost will be about \$25,000.

Plans for a new edifice for the First Calvary Baptist Church are being prepared by Architects Mitchell & Wilcox, and bids will be asked shortly. Structure will be located at the southeast corner of Wide and Henry streets, and will cost about \$60,000.

SUFFOLK, VA.—It is reported that the Planters Nut and Chocolate Company have arranged for the erection of an additional factory building here for cleaning and handling peanuts. The plant will be located on their property adjoining the N. W. Railroad, between Cudlen and Virginia streets. A. Obici is president of the association.

A new six-story office building, to be known as the "National Bank of Suffolk Building" will be erected on the corner of Washington and Main streets. This is the site of the present bank building and Henry S. Eley's drug store.

WASHINGTON

TACOMA, WASH.—It was announced at a recent meeting of the Commercial Club that plans are in preparation for the erection of a mill for the manufacture of writing paper. Plant will cost about \$300,000.

WEST VIRGINIA

MARTINS FERRY, W. VA.—The Congregation of the First Presbyterian church, of this place, has voted on a proposition of adding a gymnasium to the church building. Work will soon be started on the plans for the improvement. Building will probably cost about \$40,000.

WISCONSIN

MILWAUKEE, WIS.—The B. J. Johnson Soap Company is having two large buildings erected in this city at an aggregate cost of \$290,000. One is a warehouse on Fifth street and the other is an addition to the company's factory building on Fourth street.

MILWAUKEE, WIS.—The Babcock Auto Spring Company will erect a factory building on Milwaukee, near Chicago street.

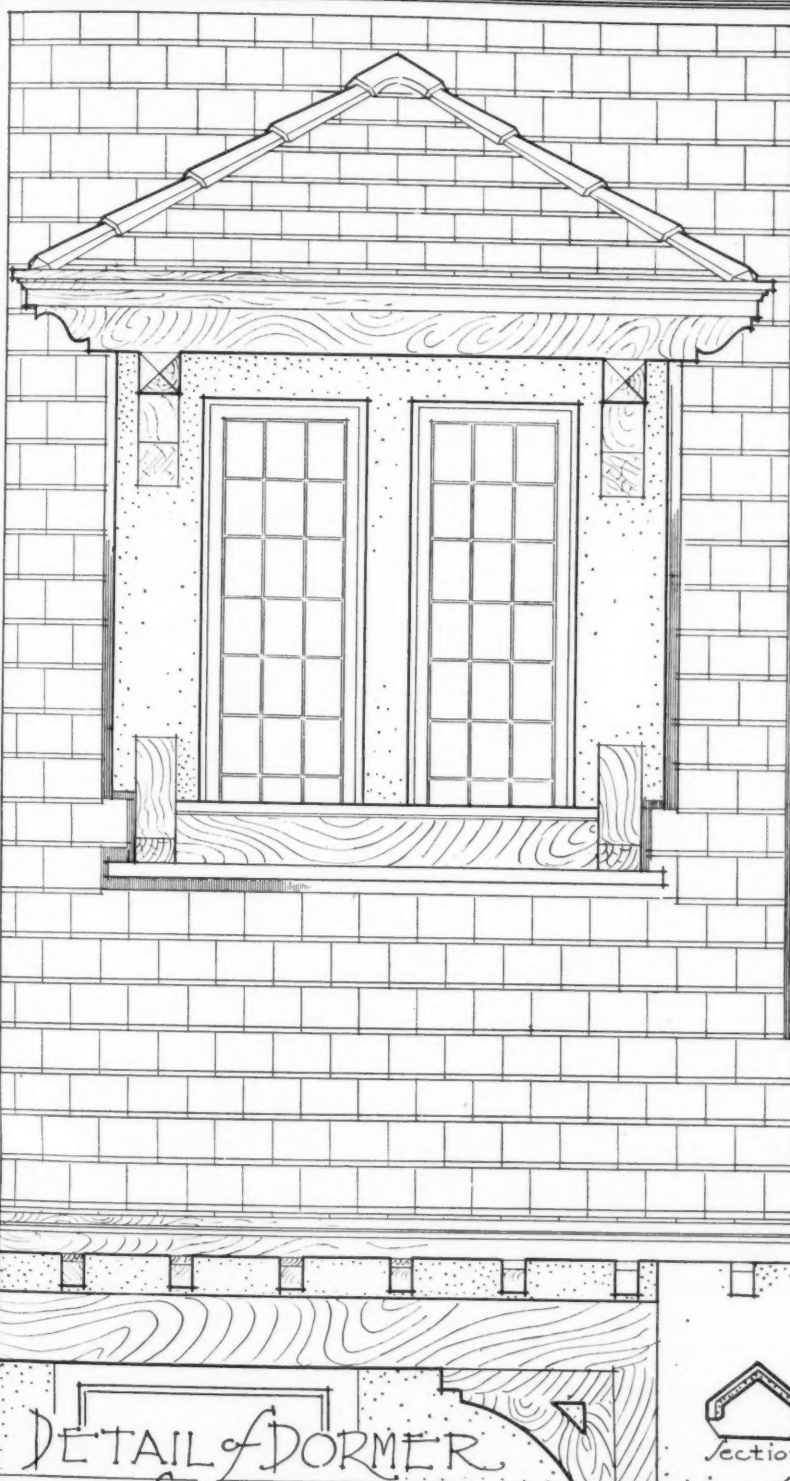
School buildings will be erected in this city at an aggregate cost of \$650,000.

The Milwaukee Athletic Club is planning the erection of a new clubhouse on the site of the present Hathaway Building. Cost, \$900,000.

Paul Gilmore is planning the erection of a new \$45,000 apartment building at the northwest corner of Van Buren and Mason streets, according to plans prepared by Architect A. C. Eschweiler, Goldsmith Bldg.

Architect V. A. Siebert, 557 12th street, will erect a store, flat and office building on the northwest side, at a cost of \$20,000. He is now preparing plans for the structure.

The Allis-Chalmers Company will erect a shop building, costing \$20,000, at the east end of the plant.



DETAIL OF DORMER

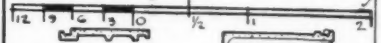
SCALE 1/2" = 1'-0"

LUDOWICI-CELADON COMPANY

MFG'RS of
TERRA COTTA
ROOFING TILES

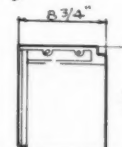
DETAILS OF
"IMPERIAL" CLOSED
SHINGLE TILE

SCALE OF TILE DETAIL



Section

Section



Plan

Sketch

"IMPERIAL" CLOSED
SHINGLE TILE



Section

Sketch

Section

Sketch

UNDERLAVE
FOR "IMPERIAL" CLOSED
SHINGLE TILE



End

Sketch

DETACHED CABLE
RAKE

Detached Cable Rake



Section

Sketch

DECK MOULD
WITH UPTURNED
NAILING FLANGE



Section



Sketch

CLOSED RIDGE END

C. L. Lockhart - Del.

At the Architect's Service

THE ERA OF FRANKNESS

Compare, for a moment, the difference between the old, and the modern, ways of doing business. Not so many years ago, buying and selling was a contest of wits—the buyer striving for advantage, the seller seeking to forestall him. Buyers bought largely in ignorance. Manufacturers prided themselves on their ability to deceive their trade. But today—manufacturers are vying with one another in their efforts to educate and inform the buyer. By every means in their power they are urging and encouraging the buyer and him who influences buying—to investigate, compare, weigh and judge for himself. Manufacturers today do not hide the truth about their goods—they want the truth to be known and heralded from the house-tops by every legitimate means. Hence such advertising pages as these in "The American Architect." Hence the high-class catalogs, the samples, the illustrations—all available to the busy architect to assist him in his judicial capacity and as custodian of his clients' interests. Advertising is an essential part of twentieth century business methods.

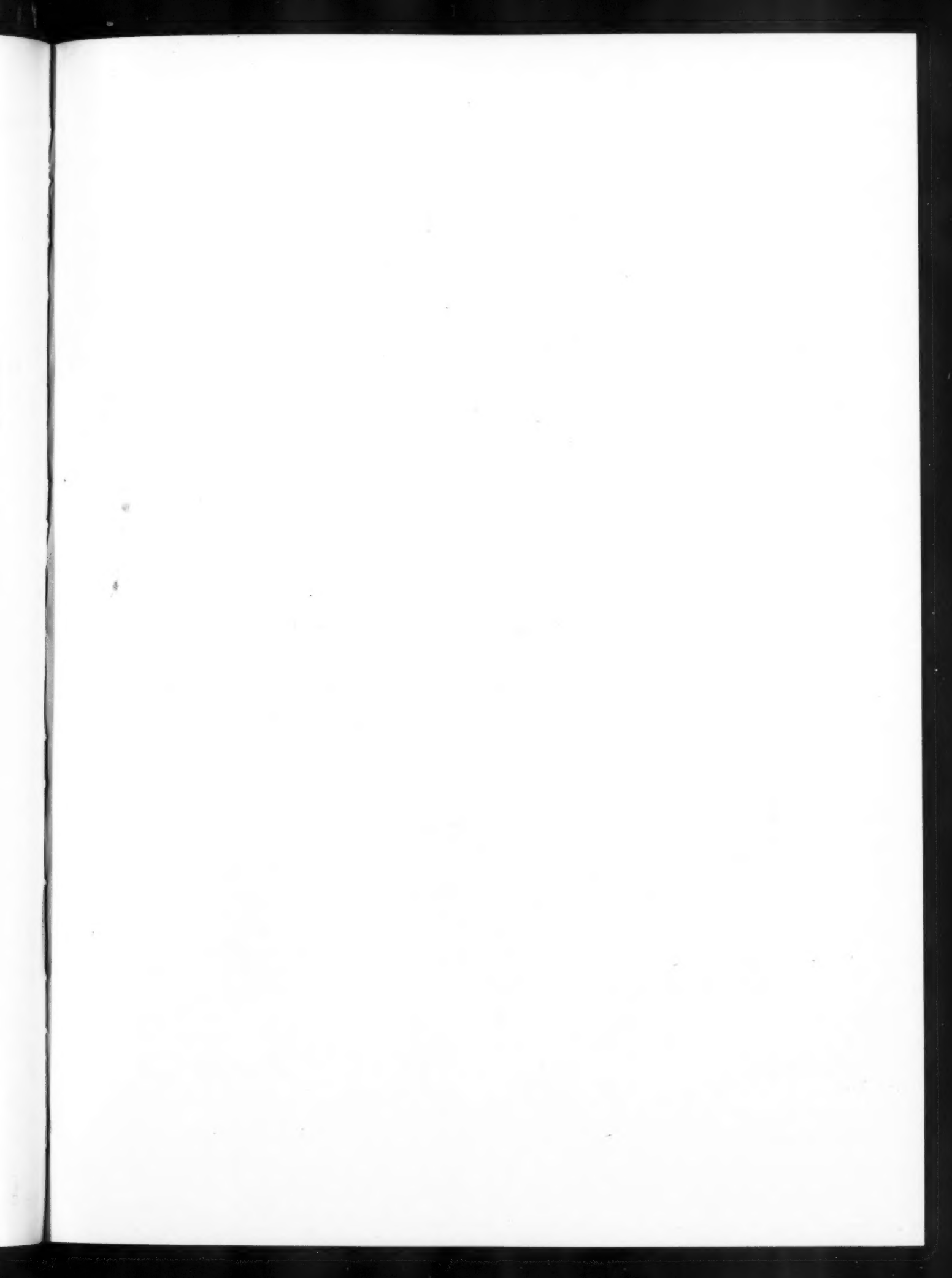
Alger & Smith.....	24
Alpha Portland Cement Co.....	27
American Blower Co. (o.a.m.).....	26
American Elevator & Machine Co., Inc.....	26
American Lead Pencil Co.....	2
American Luster Paint Co. (e.o.w.).....	25
American Mason Safety Tread Co.....	25
American Radiator Co. (e.f.w.).....	27
American, The, Rolling Mill Co. (e.o.w.).....	27
American Rust Proof Co.....	27
American Sheet & Tin Plate Co.....	31
American Steel & Wire Co.....	15
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Arkansas Soft Pine Bureau (e.f.w.).....	13
Artisan Well & Supply Co. (e.o.w.).....	49
Atlantic Terra Cotta Co. (e.o.w.).....	
Atlas Portland Cement Co. (e.o.w.).....	
Automatic Refrigerating Co.....	
Barrett Mfg. Co. (e.f.w.).....	
Beaver Board Companies, The (o.a.m.).....	
Berry Brothers, Inc.....	27
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Bird, J. A. & W., & Co. (o.a.m.).....	25
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Boyle, John & Co., Inc.....	
Bradford Pressed Brick Co. (e.f.w.).....	
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Cabot, Samuel, Inc.....	7
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Central Foundry Co.....	38
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Clinton Bridge Works.....	11
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Never Split Seat Co.....	
New Jersey Zinc Co.....	
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North Western Expanded Metal Co. (e.o.w.).....	
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Standard Varnish Works (e.o.w.).....	
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Stanley Works (e.o.w.).....	
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Universal Stamping Co.....	24
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