

THE AMERICAN ARCHITECT AND THE ARCHITECTURAL REVIEW

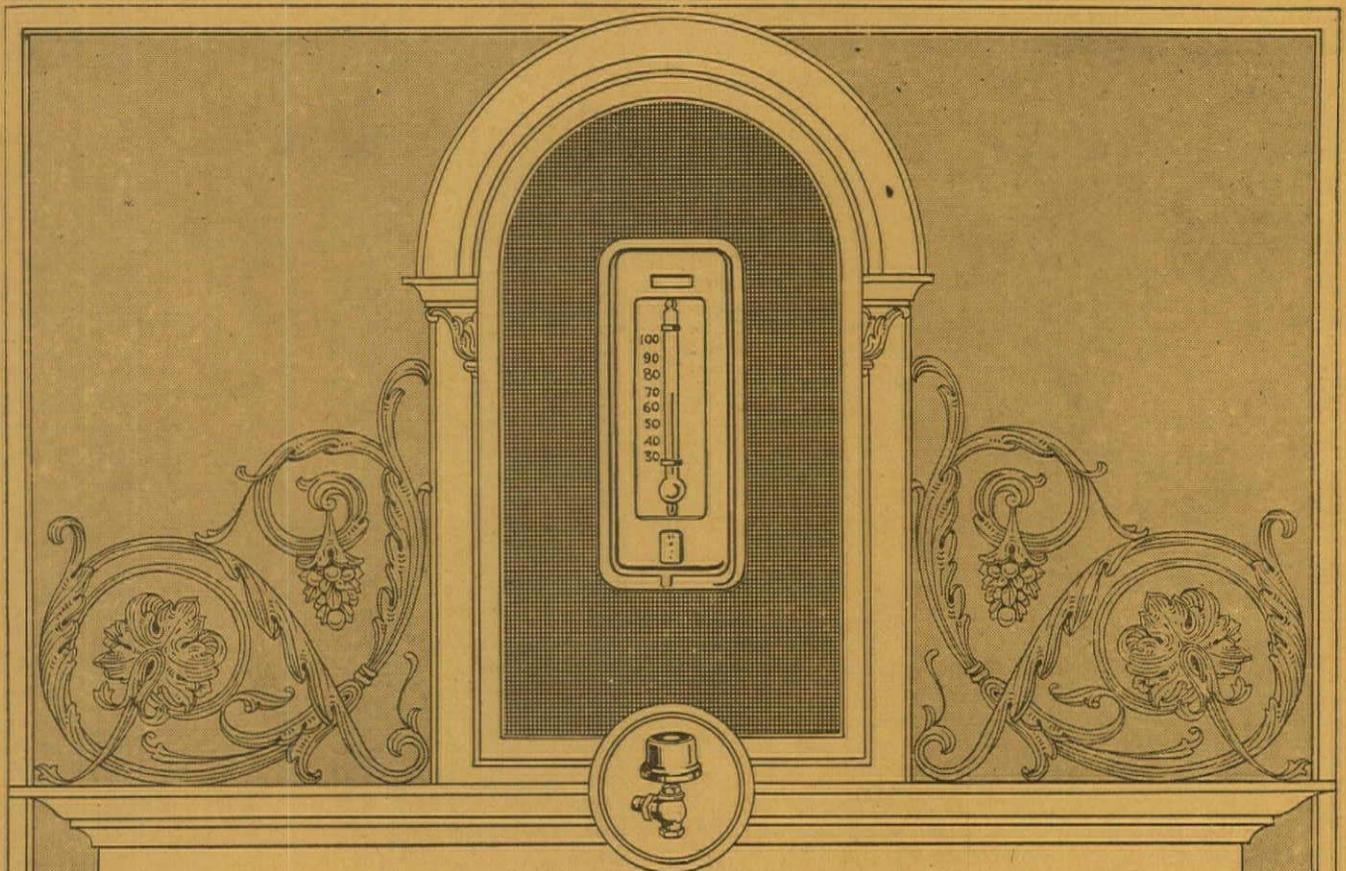


THE FIRST OF A SERIES OF TWO ARTICLES BY H. VAN BUREN MAGONIGLE, F. A. I. A. ☞ THE BUFFALO ATHLETIC CLUB, EDWARD B. GREEN & SONS, ARCHITECTS, DESCRIBED AND ILLUSTRATED ☞ RENAISSANCE IN SPAIN, BY RALPH ADAMS CRAM, F. A. I. A. ☞ BUILDING CODE LIMITATIONS ON FLOOR AREAS ☞ REVIEW OF RECENT ARCHITECTURAL MAGAZINES, BY EGERTON SWARTWOUT, F. A. I. A. ☞ INTERIOR ARCHITECTURE

VOLUME CXXV

MARCH 26, 1924

NUMBER 2442



Summoning The Architect's Acknowledgment



STILL another refinement that has elevated automatic temperature regulation to the high plane it occupies now is that the "Sylphon" metal bellows, the metal diaphragm used in The Johnson System valves, is seamless. It cannot wear down or wear out. Such preventatives against operating parts wearing are why The Johnson Pneumatic System Of Temperature Regulation has accomplished necessary corrections and is today so eminently successful. Such final attainments by this 37 year company, originators of automatic temperature control, are deserving reasons why the architect can and should specify this important item of building convenience, comfort and fuel economy. Automatic temperature regulation, through Johnson achieving efforts, has come into its own: for institutions, public buildings and large residences. The architect's acknowledgment is due.

Johnson Service Company, Milwaukee

**AUTOMATIC TEMPERATURE REGULATION FOR 37 YEARS
26 BRANCHES — UNITED STATES AND CANADA**



*The Wrigley Building
Chicago
Showing the Original
Building, and also the
New North Section.
Entirely Equipped with
K&H Elevators.
Graham, Anderson,
Probst & White
Architects*

Kaestner & Hecht Elevators

AFTER using K&H Elevators, as well as other makes, in his factories for nine years, William Wrigley, Jr., selected K&H Elevators three years ago for his new office building. When the time came to decide on the elevators for the new North Section the K&H record of performance, both in the Wrigley factories and in the first section of the office building, settled the problem beyond question. Good work well done and service successfully rendered over a period of years made K&H elevators the logical and inevitable choice of both the owner and the architects.

Kaestner & Hecht Co. • Founded 1863 • Chicago

Ask Your Architect

BIRMINGHAM

CLEVELAND • DALLAS • DETROIT • INDIANAPOLIS
MINNEAPOLIS • PITTSBURGH • ST. LOUIS

MILWAUKEE

WHAT citizen, when he reads his daily newspaper, thinks of the structure in which it is produced?

And yet, is it too great a stretch of the imagination to believe that the character of the building is reflected, through the workers, on the character of the paper itself.

Monumental newspaper plants are to be found only in our larger cities. While the shell of the structure or its outward appearance might be that of any manufacturing building, yet ideally it should reflect the influence

and dignity of its occupancy. Naturally the production requirements, both as to printing and news handling, are absolutely distinctive from any other type of production and require most painstaking study.

In the New York Times Annex there is evident that careful analysis and adaptation to requirements of occupancy so evident in all the work of Ludlow & Peabody.



New York Times Annex designed by Ludlow & Peabody.

As the water supply of an institution of this character must be uninterrupted, Bridgeport Plumrite Brass Pipe was selected because of its enduring quality.

Geo. A. Fuller Co., General Contractors
Long & Edwards, Inc., Plumbing Contractors

BRIDGEPORT BRASS COMPANY BRIDGEPORT CONNECTICUT

Pershing Square Building
New York, N. Y.

Bankers Trust Building
Philadelphia, Pa.



General Motors Building
Detroit, Mich.

Wrigley Building
Chicago, Ill.

It is as logical to pour Raymond Concrete Piles into steel forms as it is necessary to leave those steel forms in place in the ground to guard the green concrete columns against back pressure.

— and it is both speedy and economical

RAYMOND CONCRETE PILE COMPANY

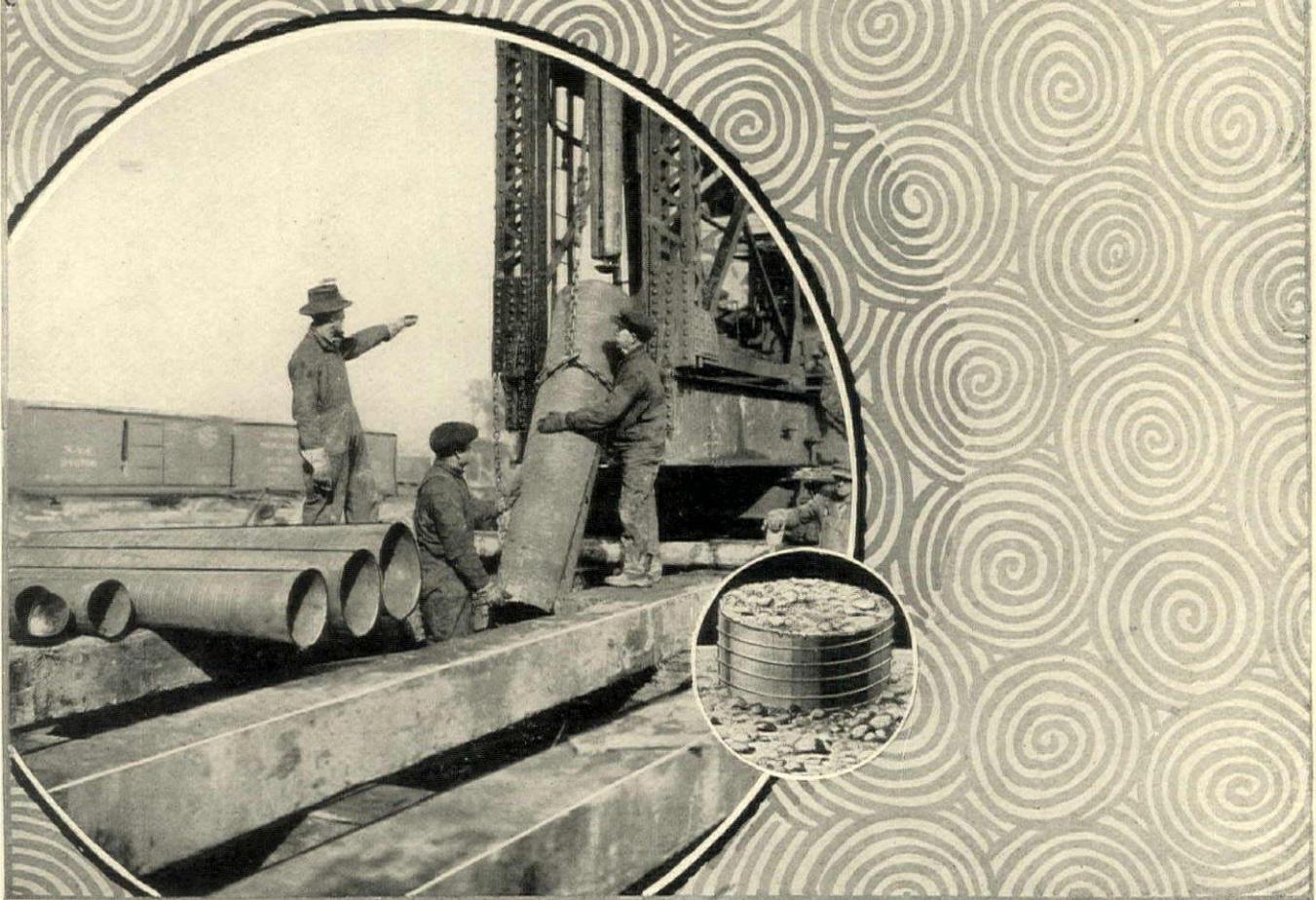
NEW YORK: 140 Cedar Street

CHICAGO: 111 West Monroe Street

MONTREAL, CANADA

Branch Offices in Principal Cities

A Form for Every Pile—A Pile for Every Purpose



Specifications of most products advertised in THE AMERICAN ARCHITECT appear in the Specification Manual



The "Automatic" System

maintains the following degrees of temperature in the Inwood Country Club, Inwood, L. I.

KITCHEN REFRIGERATOR	30°
SHORT ORDER BOX	40°
ICE CREAM CABINET	10°
BACK BAR REFRIGERATOR	40°

Morrell Smith
Architect



Trade Mark
Reg. U. S. Patent Office

AUTOMATIC REFRIGERATION
A FACT—THERE IS BUT ONE AUTOMATIC

MANY of the finest and most exclusive clubs are now equipped with Automatic Refrigerating plants.

Needless to say all of these plants are giving entire satisfaction which is evidenced by the increased number of Clubs, Hotels, Hospitals, etc., being equipped annually.

It adds greatly to the convenience of keeping foods fresh without the use of ice. Automatically cooled refrigerators can be placed in the most convenient places, thereby speeding up the service and saving many useless steps. Any number of automatically cooled refrigerators can be held at different temperatures by one refrigerating plant. The fact that ours is the only completely automatic refrigerating system is another reason why so many are being specified by architects each year.

Our new booklet on Automatic Refrigeration will be sent to you for the asking, free and without obligation.

THE AUTOMATIC REFRIGERATING CO.
HARTFORD, CONNECTICUT

MAIN OFFICE and WORKS:

Branch Sales and Service Offices:

Atlanta, Ga.
Boston, Mass.
Buffalo, N. Y.
Chicago, Ill.
Cincinnati, O.

Denver, Colo.
Honolulu, T. H.
Huntington, W. Va.
Jacksonville, Fla.

Los Angeles, Cal.
New Haven, Conn.
New Orleans, La.
New York City

Philadelphia, Pa.
Rochester, N. Y.
San Francisco, Cal.
Seattle, Wash.
Washington, D. C.

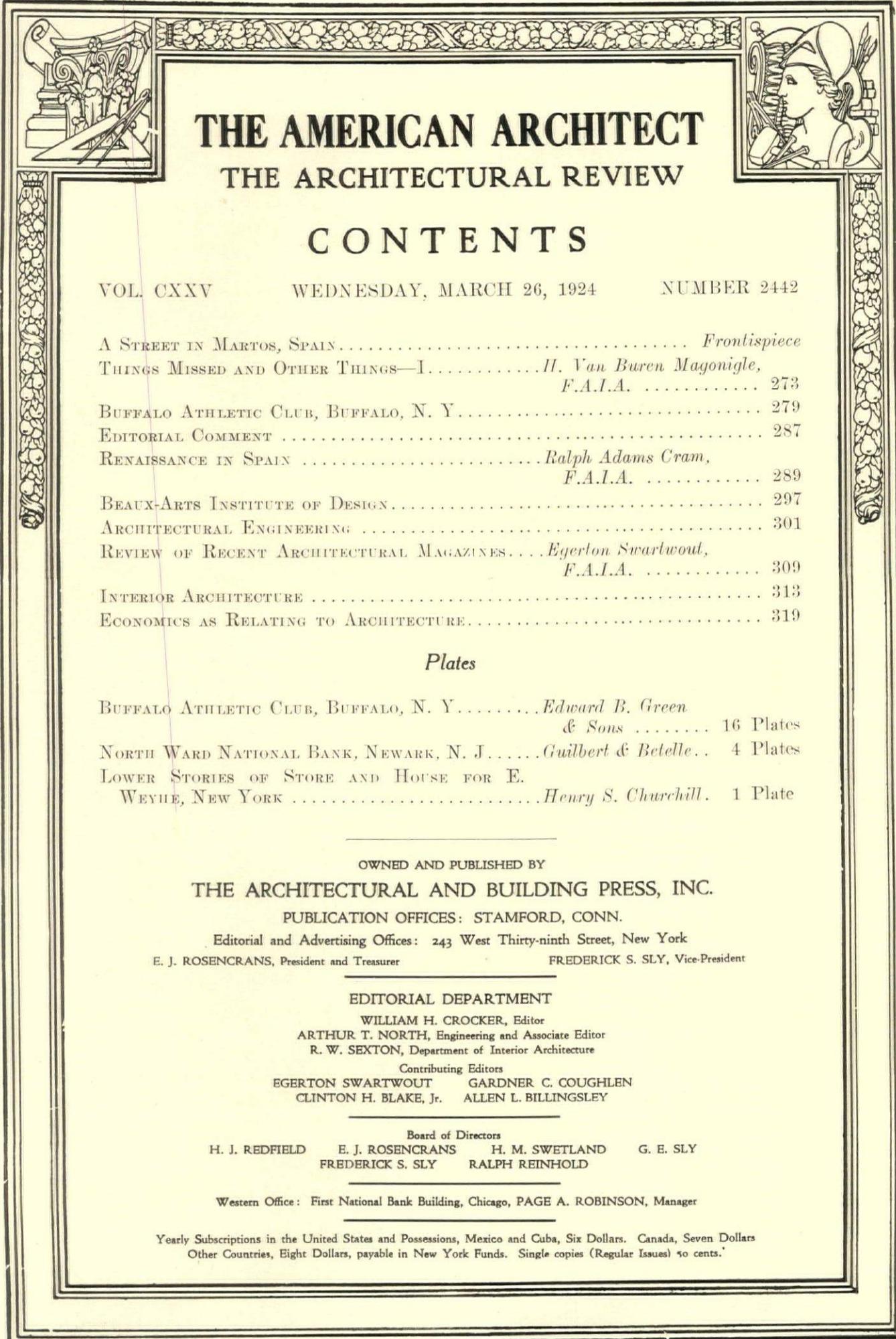
To The Automatic Refrig. Company, Hartford, Ct.

Please send me free without obligation the following booklets:
 Refrig. for Clubs, Hotels, and Restaurants
 Refrig. for Hospitals
 Refrigerated Drinking Water Systems

NAME
 FIRM STREET
 CITY STATE

Attach to your letterhead and mail today

Specifications of most products advertised in THE AMERICAN ARCHITECT appear in the Specification Manual



THE AMERICAN ARCHITECT

THE ARCHITECTURAL REVIEW

CONTENTS

VOL. CXXV WEDNESDAY, MARCH 26, 1924 NUMBER 2442

A STREET IN MARTOS, SPAIN.....	<i>Frontispiece</i>
THINGS MISSED AND OTHER THINGS—I.....	<i>II. Van Buren Magonigle,</i>
	<i>F.A.I.A.</i> 273
BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.....	279
EDITORIAL COMMENT	287
RENAISSANCE IN SPAIN	<i>Ralph Adams Cram,</i>
	<i>F.A.I.A.</i> 289
BEAUX-ARTS INSTITUTE OF DESIGN.....	297
ARCHITECTURAL ENGINEERING	301
REVIEW OF RECENT ARCHITECTURAL MAGAZINES....	<i>Egerton Swartwout,</i>
	<i>F.A.I.A.</i> 309
INTERIOR ARCHITECTURE	313
ECONOMICS AS RELATING TO ARCHITECTURE.....	319

Plates

BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.....	<i>Edward B. Green</i>	
	<i>& Sons</i>	16 Plates
NORTH WARD NATIONAL BANK, NEWARK, N. J.....	<i>Guilbert & Betelle..</i>	4 Plates
LOWER STORIES OF STORE AND HOUSE FOR E. WEYHE, NEW YORK	<i>Henry S. Churchill.</i>	1 Plate

OWNED AND PUBLISHED BY

THE ARCHITECTURAL AND BUILDING PRESS, INC.

PUBLICATION OFFICES: STAMFORD, CONN.

Editorial and Advertising Offices: 243 West Thirty-ninth Street, New York

E. J. ROSENCRANS, President and Treasurer

FREDERICK S. SLY, Vice-President

EDITORIAL DEPARTMENT

WILLIAM H. CROCKER, Editor

ARTHUR T. NORTH, Engineering and Associate Editor

R. W. SEXTON, Department of Interior Architecture

Contributing Editors

EGERTON SWARTWOUT

GARDNER C. COUGHLIN

CLINTON H. BLAKE, Jr.

ALLEN L. BILLINGSLEY

Board of Directors

H. J. REDFIELD

E. J. ROSENCRANS

H. M. SWETLAND

G. E. SLY

FREDERICK S. SLY

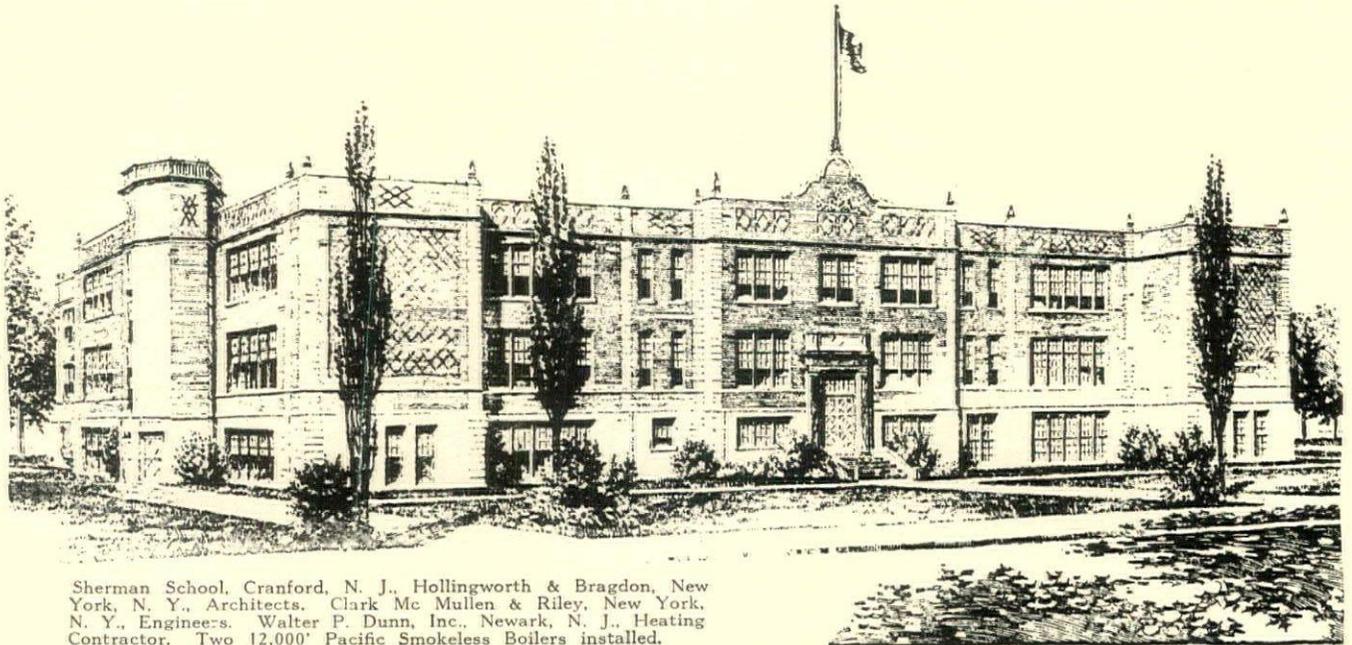
RALPH REINHOLD

Western Office: First National Bank Building, Chicago, PAGE A. ROBINSON, Manager

Yearly Subscriptions in the United States and Possessions, Mexico and Cuba, Six Dollars. Canada, Seven Dollars
Other Countries, Eight Dollars, payable in New York Funds. Single copies (Regular Issues) 50 cents.

PACIFIC

STEEL HEATING BOILERS



Sherman School, Cranford, N. J., Hollingworth & Bragdon, New York, N. Y., Architects. Clark Mc Mullen & Riley, New York, N. Y., Engineers. Walter P. Dunn, Inc., Newark, N. J., Heating Contractor. Two 12,000' Pacific Smokeless Boilers installed.

Three Exclusive Pacific Features

Tubes in Pacific Boilers are all cleaned from the front through the full width front flue doors—all the hard work of tube cleaning is done away with by the design of the boiler. Consequently, the men who operate Pacific Boilers keep the tubes clean and the building owners save the coal that sooty tubes always waste.

Pacific Boilers save 25% to 40% of the floor space required by other boilers of equal capacity. Cleaning the tubes from the front makes working space in back of the boiler unnecessary



and the horizontal smoke connection at the rear enables Pacific Boilers to be placed close to the stack doing away with long runs of smoke pipe. When a Pacific Steel Heating Boiler goes on a job it is complete—no brickwork is necessary for setting or supporting the boiler. All the brickwork used in the Smokeless and Direct Draft types is built into the firebox at the factory. The grates are assembled and crated in place on the base so it is only necessary to set the base in place in the boiler room and mount the boiler.

General Boilers Company

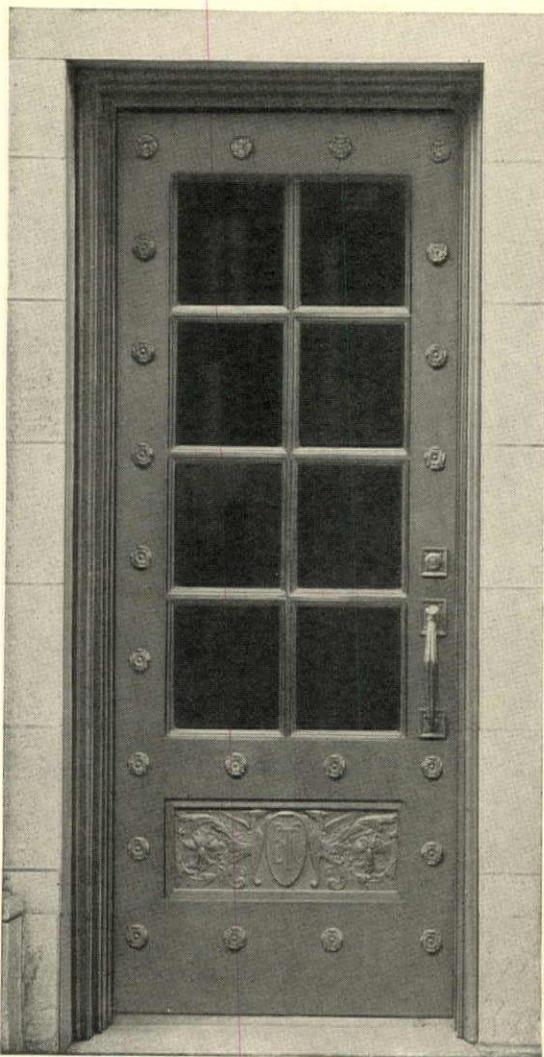
Manufacturers of

Pacific Steel Heating Boilers, Hot Water Supply Tanks

Waukegan, Illinois

Building Satisfaction

is obtained by using products that give the best value in quality, workmanship, service and the maximum of personal interest and attention on the part of the manufacturer.



Thorp Doors have been known for these qualities for twenty-five years — and are having repeat specifications year after year.

Thorp Doors for interior use are made of the highest grade patent leveled steel — *welded construction* — with panel mouldings an integral member of the stiles and rails. Any of the natural wood finishes — or enamels baked.



BANKERS' TRUST CO.
INDIANAPOLIS, IND.

McGuire & Shook, *Architects*

AN EXAMPLE OF THORP 16 GAUGE BRONZE ENTRANCE

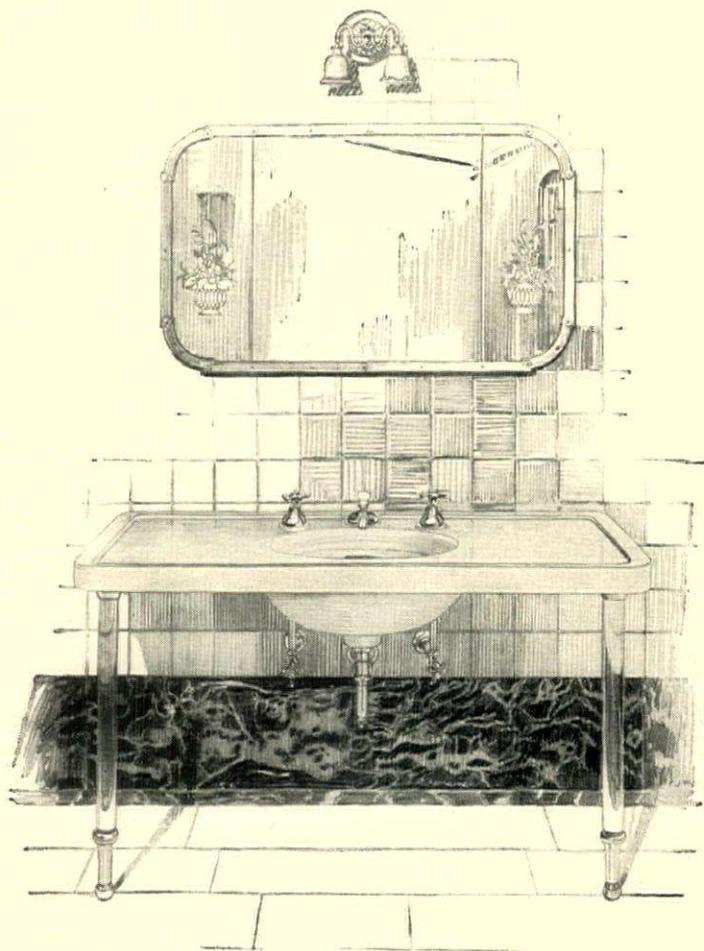
THORP FIRE PROOF DOOR CO.

MINNEAPOLIS

--

--

MINN.



"Marmor" Lavatory. Slab is of white statuary marble, legs are crystal glass. Trimmings are either white metal or brass heavily nicked. The mirror is of Crane design of beveled plate glass with etched decorations

Refinement completes the cycle of quality in all Crane sanitary appointments for fine homes. It is embodied in their balanced design. It is expressed in their harmonious color and in the contrast of nickel with mellow porcelain or statuary marble.

And, underlying all, are the basic provisions of convenience and durability. Such unity of character is the happy result of Crane's long experience directing the design and manufacture of dependable plumbing materials for every kind of installation.

CRANE

GENERAL OFFICES: CRANE BUILDING, 836 S. MICHIGAN AVE., CHICAGO

*Branches and Sales Offices in One Hundred and Forty-five Cities
National Exhibit Rooms: Chicago, New York, Atlantic City and San Francisco
Works: Chicago, Bridgeport, Birmingham, Chattanooga and Trenton*

CRANE EXPORT CORPORATION: NEW YORK, SAN FRANCISCO
CRANE, LIMITED, MONTREAL. CRANE-BENNETT, LTD., LONDON
C^{IE} CRANE, PARIS

Specifications of most products advertised in THE AMERICAN ARCHITECT appear in the Specification Manual



A STREET IN MARTOS, SPAIN

(From "Picturesque Spain" by permission of Brentano's)

THE AMERICAN ARCHITECT

The ARCHITECTURAL REVIEW

VOL. CXXV

WEDNESDAY, MARCH 26, 1924

NUMBER 2442

THINGS MISSED *and* OTHER THINGS—I

BY H. VAN BUREN MAGONIGLE, F. A. I. A.

Illustrated by water color drawings, sketches and photographs by the Author

THE French have the faculty of interesting themselves in their sensations, watching their minds and emotions at work, in an enviable detachment. Emulating this detachment if not entirely achieving it, a mature American finds an interest when revisiting lands and cities known long ago and loved, in confronting his own reactions, in noting his present attitude toward the things he once cared about so passionately or at which he turned up the lofty, contemptuous nose of the cocksure twenties.

Then architecture was all in all save for the Italian Primitives, the sculptures of the Golden Age of Athens and of the Cinque Cento. And that architecture must be *pure*—none of your fancy touches such as Michael Angelo indulged in with that inveterate disposition of his to think and see and do as seemed to him good, without reference to accepted canons; usually to the distaste of youth, and a good thing too! Angelo is strong meat for babes and sucklings.

Was the result narrowness or concentration? A complacent egotism would choose the latter suggestion as more soothing to vanity. Well, we spend our youth in narrow and burning enthusiasms, in tearing off on false scents, in rediscover-

ing a world that thousands of eager-nosed young gentlemen have likewise insisted upon discovering for themselves and yet—and this is one of the joys of life—left in a dewy freshness for us when we should come; which we in our turn will be unable to stale for our successors simply be-

cause they won't believe our reports, and it is well they should not.

In maturer years we care so much more for scale than for dimension, for character than for period, for the third dimension than for mere elevation, for materials and their treatment, for surfaces and all the evidences of craftsmanship than for architectural draftsmanship. Of course it is because we have passed the time of life when a scale or a foot-rule was constantly in our hands as the natural means of translating what we saw back on to paper, in the flat, where we were used to judging things; when, in effect, but unconsciously, we were us-

ing them as aids to the learning of something about scale, character, the third dimension. We are haunted now by a guilty feeling that we have grown lazy or lost our enthusiasms because we are not irresistibly impelled to sketch and measure a hundred precious things as once we were, when, in truth, we have merely



H. VAN BUREN MAGONIGLE, F.A.I.A.

moved to another point of view. As we look back upon those days as well as we can through the veil of years, it would seem as though we were obsessed by a search for form, for form above all; and as though the subtler things that give character, such as color and texture and that indefinable, indescribable spirit the craftsman bestows upon the work of his hands and leaves as our most precious legacy, had in great measure escaped us.

Maturity cares more for the human things youth hurries past in youth's preoccupation; for the aspect of new skies; for the color of the light; for the landscapes that once meant almost regrettable interruptions of our eager flight from one "good architectural town" to another—that now we find are good in so many other ways—and which now make beautiful links between the old cities like the modulation of one musical motif into another, and which we savor as lovely interludes. But all the time, under the breathless search for that which youth went forth to find and pursued with an ardor that is like nothing on earth so much as the mad ecstasy with which a bee rifles a flower oblivious of the world about her—under all this obsession the subconsciousness was quietly storing away a thousand impressions, sounds, sights, scents, to lie dormant until awakened by some touch upon the chords of memory.

To each man his own experience. Maturity need not regret the intensity of youth's concentration no matter how narrow it was; the great thing was to experience, to feel deeply; architecture was what he cared most for, it was what he went "for to admire and for to see;" and perched on a ladder in Athens or swung in a scaffold on the façade of the Palace of the Doges many beau-

tiful things passed unheeded; the subconscious had not been discovered in those days; yet thanks to that silent busy friend, let the right string vibrate and he remembers the poppy that nodded like a fleck of fire against the blue that arches over the City of the Violet Crown, high on a broken entablature of the Erechtheion; the breeze that used to spring up about ten o'clock of a morning of early Summer and bowed the grasses between the fallen marbles; the blue of Lake Nemi; the thunderous mist that filled the wood beside the waterfall at Tivoli; the roses that bloomed in December in the Villa d'Este and, from the terrace, the cloud shadows turning the tawny vineyards to purple as they drifted out over the Campagna before a breeze that made the olive orchards flash from gray-green to silver as its cool hand ruffled the leaves.

Maturity's consolation for missing things in youth is that there is just so much more to see and do, to feel with a different but not diminished intensity, now, when we come again.

TEA IN OLD CHELSEA

A September afternoon, the yellowing leaves drifting softly down in the still air, neat doorways and their gleaming brasses, an atmosphere of leisure and peaceful ease

—hard to reconcile with the echoes of old contentions that come to mind in these haunts of the spirited Butterfly, Battersea Bridge, The Reach, Cheyne Walk, Cheyne Row, the White House—an atmosphere strongly reminiscent of Greenwich Village before the Villagers came, and of our own Chelsea of forty years ago.

Tea time approaches. The Sign of the Blue Perroquet attracts us and we enter and command refreshment. Tea is so intimately connected with England, it is so much an institution like the



THE RIALTO BRIDGE

(From the water color by H. Van Buren Magonigle)



THE RIALTO BRIDGE

(From a photograph by H. Van Buren Magonigle)

Woolsack and the Crown that we almost end by thinking the herb indigenous, just as we link the banana and the peanut with Italy and the Italians; and we think of drinking tea anywhere in England as one does of nectar on Olympus. He who would preserve his illusions should avoid the Blue Perroket. There is in Nova Scotia a decoction known as teapot-tea; the pot stands stewing all day and all night on the back of the stove, and recourse to it is frequent. Water is added

“THE WOMAN TEMPTED ME, AND . . .”

It cannot be denied that there are mosquitoes in Venice. To call them *zinzari* is but to blink the issue. And they will bite if not discouraged. This may be accomplished in two ways: by burning certain pastilles which utter vast volumes of smoke under whose impenetrable screen you creep into bed and get to sleep before they know it; and by anointing yourself with liquids more



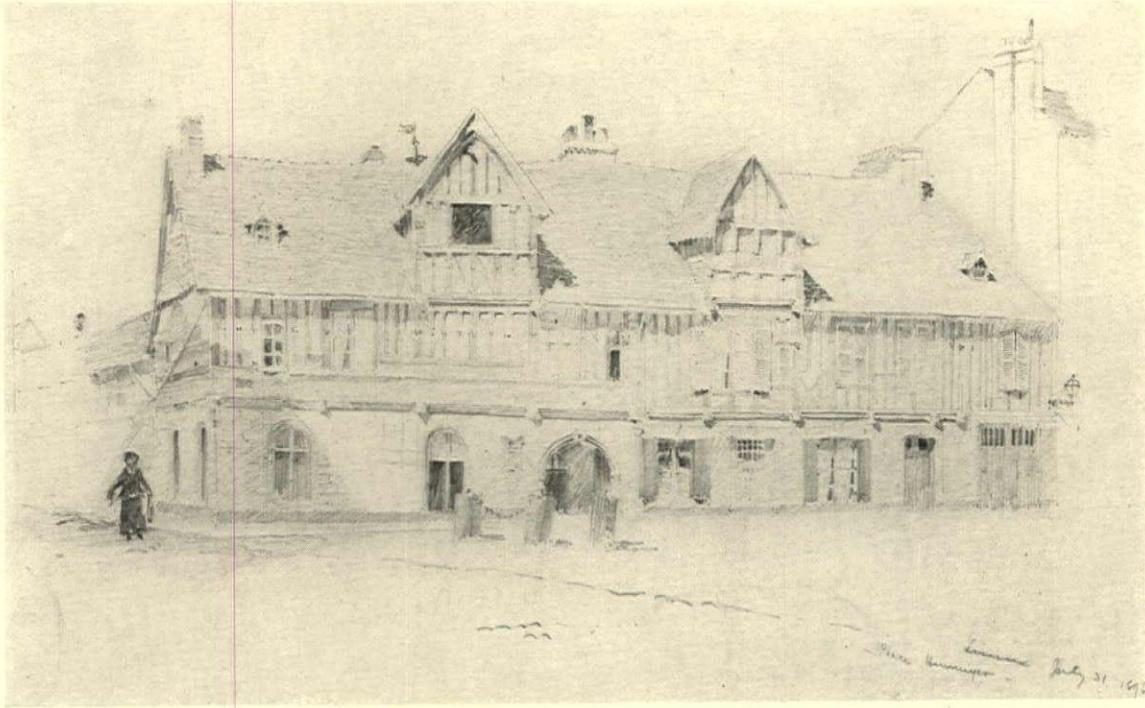
BELLAGIO

and more tea as the brew is drawn off; every so often they have to take out some of the old tea leaves to make room. As may be believed, a strong man's drink. A hardy race, the Bluenoses! After partaking of the infusion offered us at the Blue Perroket it required no argument to persuade us that the sign should exhibit a Nose, not a Bird.

So much for tea. As for the crumpets, ordered for their brown, crisp sound—but perhaps the veil of reticence would best be drawn over the crumpets. We go forth into the mellow September sunshine. We have had tea in Old Chelsea.

or less evil-smelling, supposed to be repugnant to them and unquestionably so to man. We tried both methods and thus acquired bottles to add to the increasing mass of luggage we accompanied about Europe.

One Sunday, in Milan, to speak in architectural terms there was something quaint about my interior, and an expedition in quest of a drug store ensued. Visiting one after another and finding them closed we inquired of a municipal guard who looked upon us with smiling pity and said that it was against the law for drug stores to be open on Sunday. We asked him if it was



LISIEUX

also against the law to be ill on Sunday, whereupon he became stern, even minatory, and we quietly departed before he had time to look up the ordinance in his little book and find it was his duty to lock us up. Further wandering brought us to a place that looked like a cross between a barber shop without the barbers and a grocery store without groceries, but which we were

assured by vastly interested bystanders was a pharmacy; being open, it was evidently operated by a humanitarian in defiance of the statute.

Paregoric is a word that ought to be in all the phrase books; nor is it included in the curriculum of the Berlitz School of Languages—the only defect I have ever noted in that admirable system. The fluid dispensed over that strange bare counter



VENICE

(From the water color sketch by H. Van Buren Magonigle)

smelt as no paregoric ever smelt before, but I assumed that it was probably smelling in Italian. It had one paregorical characteristic, shared with its cousins absinthe and mastika; it turned milky white when dropped into water, and like them too it had a cheering effect upon an interior comparable to that of a rosy lamp shade.

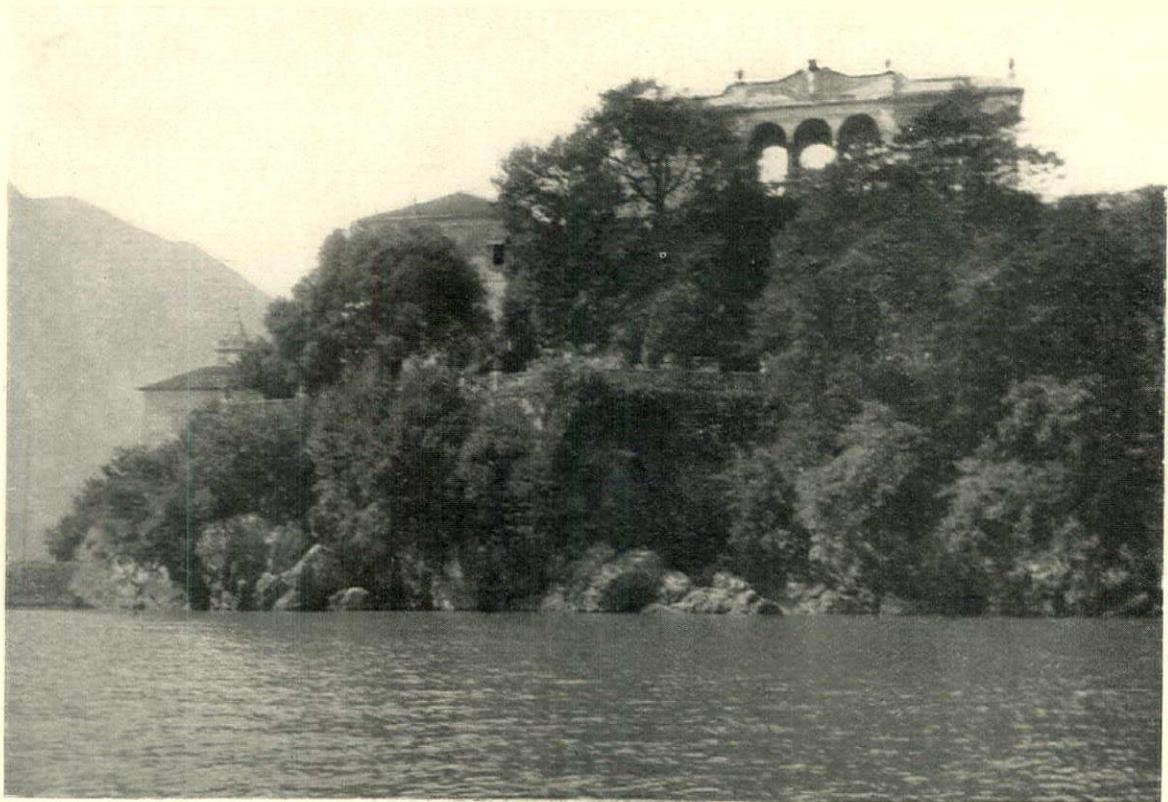
We are in London. Again feeling the need of cheering up, I inquire whether the paregoric we bought in Milan is still with us. A bottle is produced and handed to me instantler; I quickly empty the contents into a glass of water, it turns milky white, and I toss it off! . . . The *bouquet* doesn't seem quite right somehow and the longer it lingers on the palate the less it reminds me of paregoric. I seize and smell the glass, the bottle. Where have I known that odor? I seem to hear the whir of wings! Can this be death! Assuming a bold accusatory mien I demand, "What was in that bottle you gave me?" "I don't know! Didn't you look at it before you drank it? Let me see it! Good Heaven!! *It's the Mosquito Lotion!!!* Quick, to the drug store!" I leave rapidly and seek the chemist, approaching the clerk with an air as who should say, "*Ave!* chemist, one who is about to die salutes you." Hand-

ing him the bottle I say "I have just swallowed the contents. Will I die here or have I time to get back to The Rubens?" The eye of that young chemist lights up. Stomach pumps are in that gleam. He applies the bottle to his nose with the professional touch that is the despair of the laity, shakes his head, tries the other nostril. "It isn't corrosive sublimate," he says. I expel a long-held breath, he takes another sniff and smiles a slow smile. "I think you'll 'ave time to die where you like, sir. Citronella, that's wot. Feel a bit queer, sir?" I reply with the dignity proper to one seeing the prestige of a desperate case slipping from him, that I do. "If you feel worse sir, come back and we'll see wot we can do for you sir. Thank-you-sir."

I retire and when I reach the hotel I am greeted as one is welcomed back from the dead before the novelty has worn off.

But I know now why Adam spoke as he did to God about the apple that was handed to him. And I think I know why mosquitoes seem to avoid me.

This is the first of two articles by Mr. Magonigle. The second will appear in the succeeding issue.



PUNTA BALBIENELLO

From the loggia, perched high on this wooded promontory, one may see up and down Lake Como. The view is not exceeded in picturesque beauty by any in Europe. This beautifully located loggia is now the property of General Ames, of Boston

The BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.

EDWARD B. GREEN & SONS, Architects

THE Buffalo Athletic Club is an outgrowth of the old Ellicott Club of Buffalo. The property of the present club is actually owned by the Ellicott Club Association made up of the original Ellicott Club members and others.

Before the site was selected, the architects were instructed to draw up sketches of a building to house a membership of twenty-five hundred, on four different sites—the total cost, including lot and equipment, not to exceed two million dollars—and, from these sketches, the possibilities of each site were carefully studied and the present site, open on three sides and facing on Niagara Square, was selected. A campaign was then organized and the money raised through the sale of a thousand one thousand dollar certificates.

The building faces Niagara Square, the hub of Buffalo, which soon will become the City's Civic Center. Opposite on the other side of the square is the new Statler Hotel. On the West the club faces Delaware Avenue, one of Buffalo's main thoroughfares, and on this side are located both the main entrance and the ladies' entrance. The South side faces Eagle Street opposite the City Hall. On the East side an alley has been kept open for the service entrance and delivery of coal.

The building is high in the center with two storied wings extending North and South, providing roof gardens opening out from the game room floor. The wings provide high rooms with clear spans of fifty feet. The exterior of the building has a granite base and is faced above with red tapestry brick laid up with white Portland cement mortar. The exterior trim is Indiana limestone.

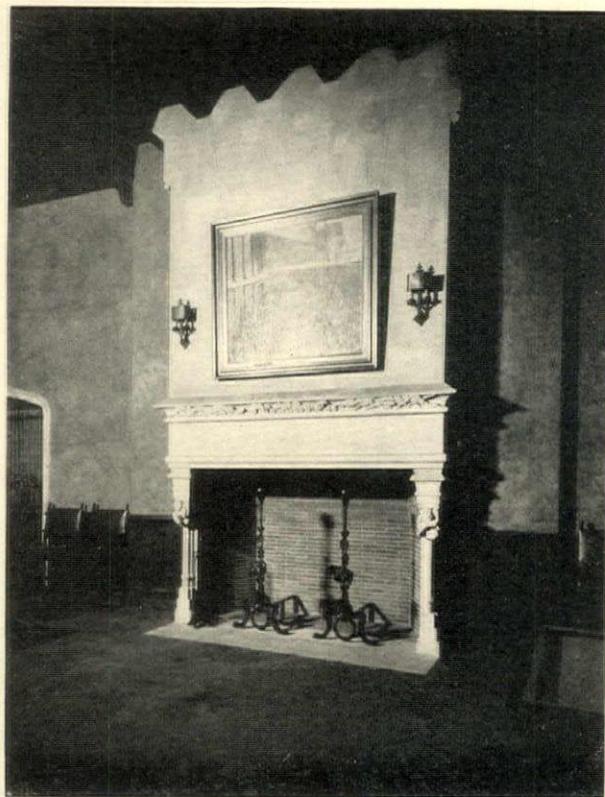
The lobby is a room with Indiana limestone columns and pilasters and a coffered wood ceiling decorated in chrome colors. The floor is marble laid in a black and green pattern. The walls are painted in a Spanish leather effect.

On one hand are located the office desk and the cigar counter. Large coat room facilities are provided just beyond. Opposite the door is the

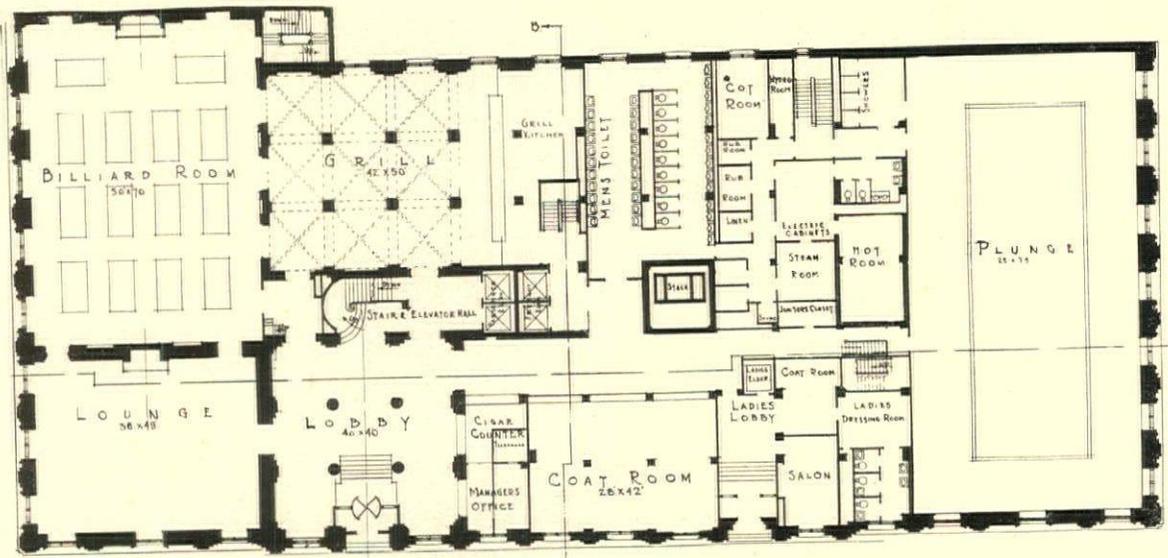
main stair built of solid stone steps with wrought iron rail. To the North is an archway leading into the lounge, a corner room facing on the square. The panelling of this room is twelve feet high in walnut. The room is richly furnished and the panelling forms an ideal setting for the hanging of paintings.

Leading from either the lobby or the lounge is the billiard room, also facing on the square. The room has rough plastered walls toned down to a rich brown. The ceiling is flat with massive beams spanning its fifty feet of width and decorated in deep rich colors. The mantel is stone with some interesting carving. The floor is cork and the

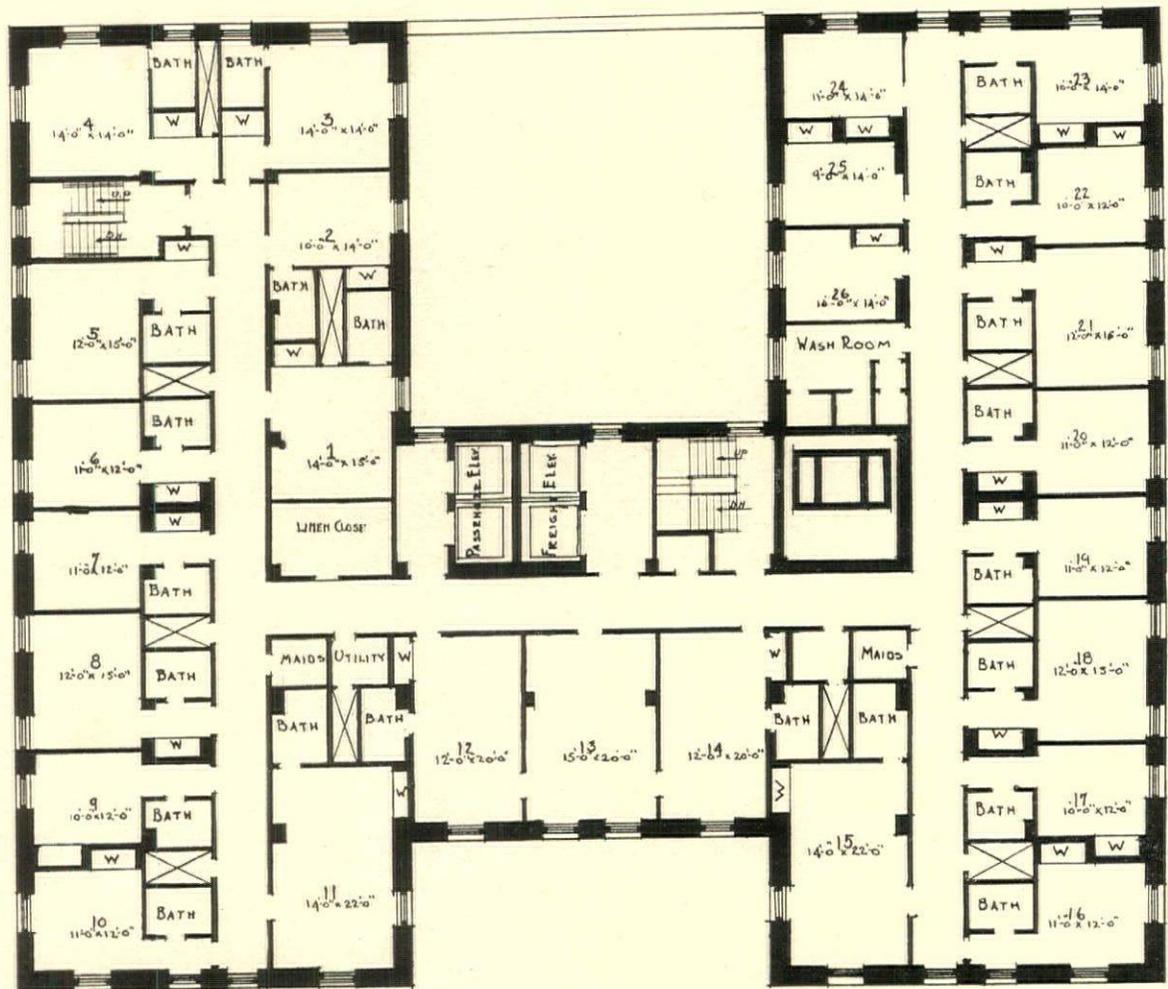
room accommodates fourteen billiard tables. Opening out of the billiard room through three large archways is the grill. This room is done in brick and stone. Stone columns support a vaulted ceiling. The ceiling starts at the spring of the arch with rich reds and greens and fades out at the top of the dome into a silver leaf background. The walls and arches are of a light, warm-colored brick laid up with random courses. The brick were especially selected from the culls to get a rough broken wall surface. The lighting fixtures represent ships and pirates in their design. The floor is laid in varicolored marble with random flag pattern.



FIREPLACE IN BILLIARD ROOM



MAIN FLOOR PLAN



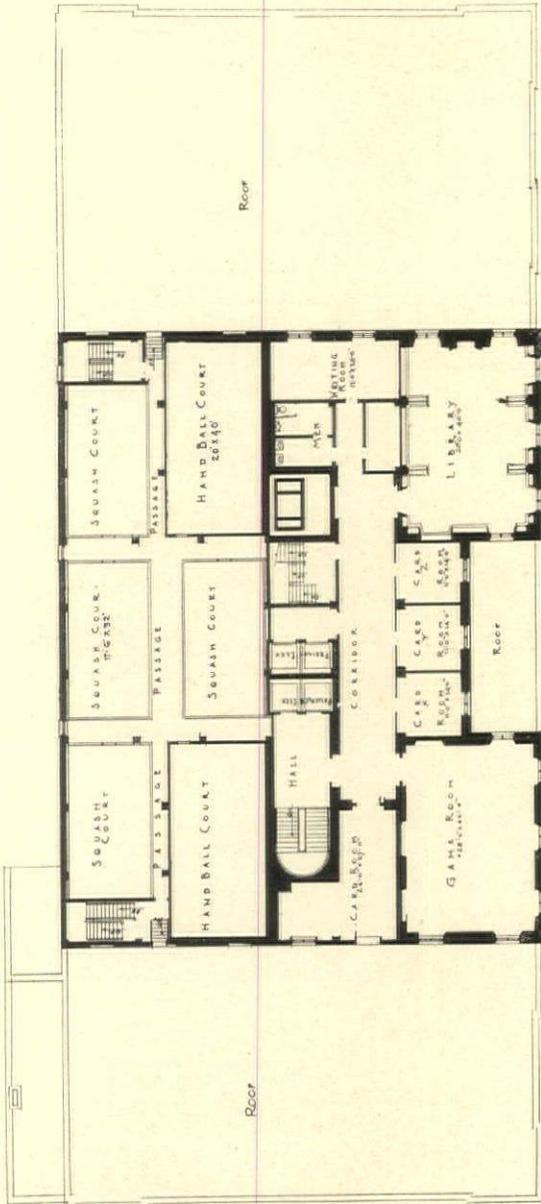
TYPICAL BEDROOM FLOOR PLAN

BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.

EDWARD B. GREEN & SONS, ARCHITECTS

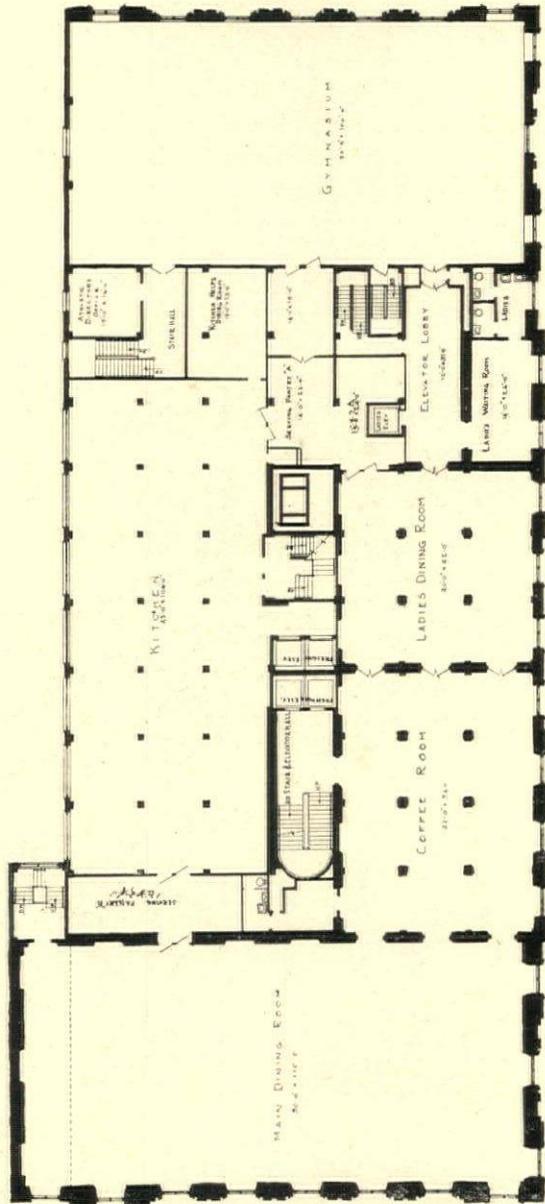
GAME ROOM FLOOR PLAN

The various games, social and athletic, are grouped on this floor



BUFFALO ATHLETIC CLUB,
BUFFALO, N. Y.

EDWARD B. GREEN & SONS, ARCHITECTS



DINING ROOM FLOOR PLAN

The arrangement of this floor is very flexible. The main dining room is used for men only at luncheon, the ladies' dining room for women only. In the evening the main dining room is easily convertible into a ballroom, or in the case of a very large assembly, the gymnasium may be also used for dancing

In the South end of the building on the ground floor is located the swimming pool, 25 x 75—four feet deep at one end and nine feet at the other—in a room 50 x 100 with light on two sides. A balcony runs along one side and one end. With this balcony and the bleachers it is possible to seat between seven and eight hundred spectators at the swimming meets.

Off the pool room is a well appointed Turkish bath with ceramic floors and walls. On the mezzanine floor above are located the men's dressing room, basket room and barber shop. This

The floor above the lobby includes the main dining room, the coffee room, the ladies' dining room, the gymnasium, and the main kitchen. Serving rooms connect all these rooms with the main kitchen, making it possible to serve as many as two thousand people at one time on the same floor, thus reducing the cost of operation by the elimination of stairs and dumb-waiters between kitchen and dining rooms. All the dining room service is handled on this floor with the exception of the grill and the private dining room. Service is carried to these sections by means of a



LIBRARY

mezzanine floor is midway between the levels of gymnasium and pool. Higher up in the building are located four squash and two handball courts and also an exercising room. The gymnasium has a running track in the balcony.

The ladies' department also has a dressing room and basket room located on the same mezzanine floor as the men's dressing room. They have their own Turkish bath, hair dressing parlors and manicure tables. This department connects with the gymnasium and the plunge by means of a separate stairway and is reached by a separate elevator running from the main entrance.

service stair and two service elevators, one of which is used exclusively for the transport of trucks, up and down. The arrangement of this floor is most flexible. For instance, the main dining room is used for men only at luncheon; the ladies' dining room for women only. In the evening, the main dining room is open to women also. Later on in the evening it may be used as a ballroom and supper is served in the ladies' dining room or, in the case of a standing supper or ball, the gymnasium may be used for dancing.

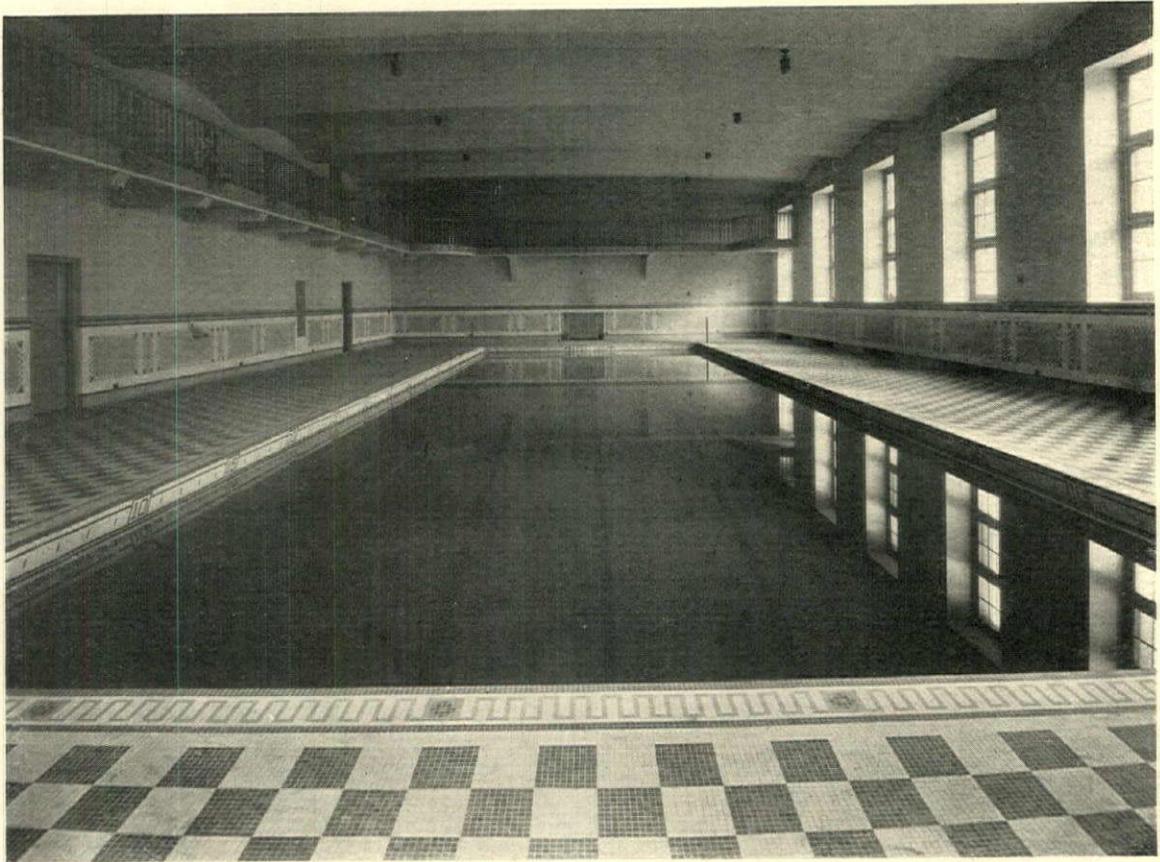
The main dining room, 50 x 110, extends along the whole North side of the building overlooking Niagara Square. It is a high room, with Eng-



MAIN DINING ROOM

BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.

EDWARD B. GREEN & SONS, ARCHITECTS



SWIMMING POOL



LIBRARY

BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.

EDWARD B. GREEN & SONS, ARCHITECTS



LOBBY

BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.

EDWARD B. GREEN & SONS, ARCHITECTS

lish panelling of antiqued oak, twelve feet high, and above the panelling, travertine laid in random ashlar. The oak ceiling is built up of beams with the carving gilded and glazed and parts of the ornament picked out in chrome colors. The space between the beams is filled with what appears to be old hand-mottled plaster, but which is really canvas stretched on frames and backed with acoustile. This makes the room particularly quiet and perfect for speech.

walnut and has a splendid view out over the Lake and Niagara River.

Above this floor occurs the pipe space directly below the bedrooms where all the plumbing from the floors above is collected. There is no concealed plumbing in the building as shafts have been provided everywhere so that the backs of all fixtures are accessible.

Above this pipe space are six floors of bedrooms totaling 163 in all, each with its own bath.



MAIN LOUNGE

The coffee room which is used by the members after luncheon and in the evening for after theatre dancing, is done in Indiana limestone.

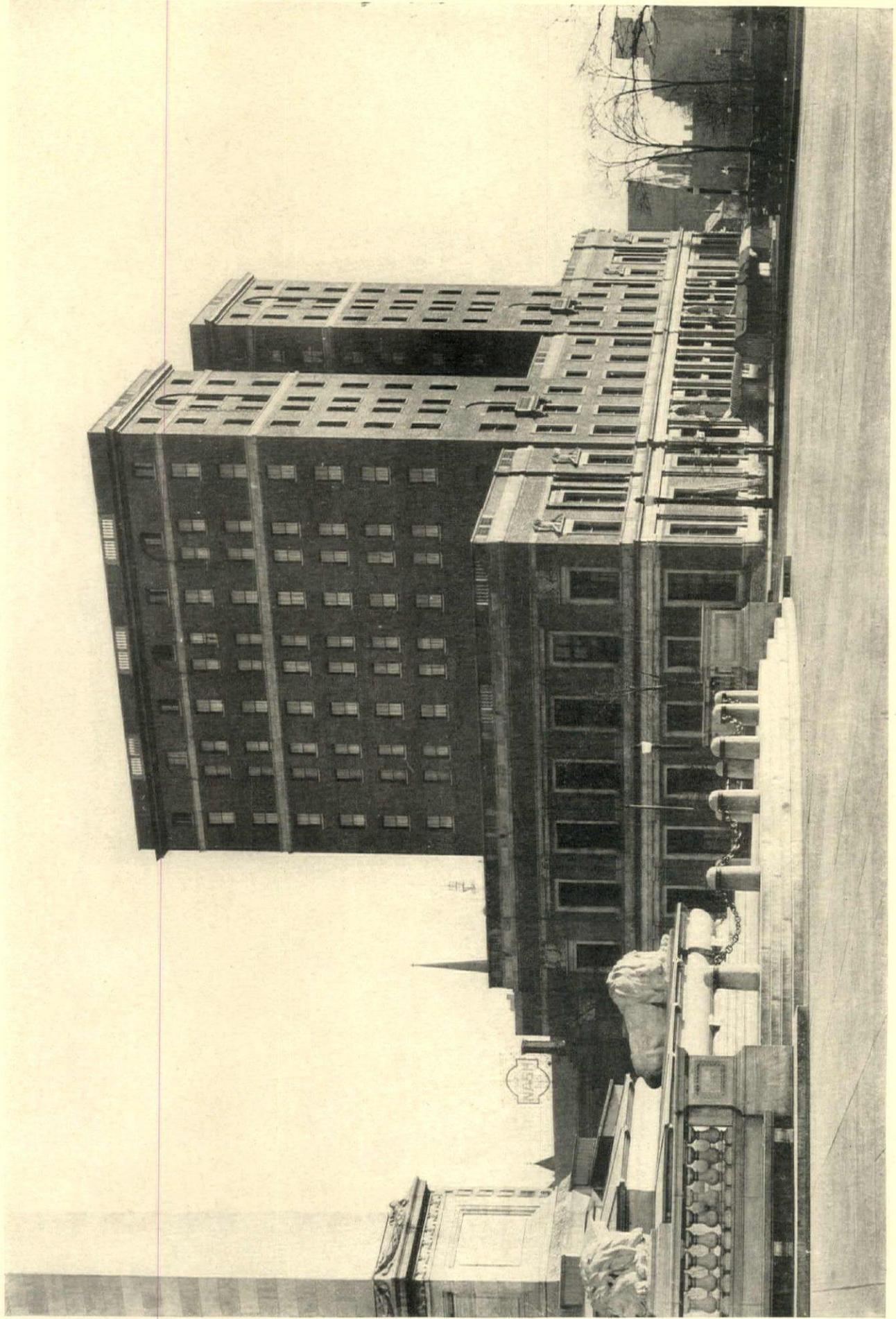
The ladies' dining room is Pompeian in design.

Above this floor are located eleven private dining rooms with folding partitions between them so that they may be thrown together if desired. This floor also contains a large serving room, the steward's store room and the help's cafeteria.

The next floor is called the game room floor. Here are located the card rooms, the writing room and the library. The library is finished in

The top floor is devoted to the administration offices, connecting with all parts of the club, by means of the telautograph pneumatic tubes and telephones. On this floor are also located the tailor shop, the printing office, the carpenter shop and rooms for a housekeeper and thirty resident maids.

In the basement are located the bowling alleys, the laundry, the bakery and locker room for more than 350 employees who make up the staff. The machine room and boiler room are in the center of the building and coal is delivered by trucks and dumped directly into the coal bins by means of the alley on the East.



BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.
EDWARD B. GREEN & SONS, ARCHITECTS



PRINCIPAL ENTRANCE
BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.
EDWARD B. GREEN & SONS, ARCHITECTS



LOBBY, LOOKING TOWARD LOUNGE
BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.
EDWARD B. GREEN & SONS, ARCHITECTS



LOUNGE, LOOKING TOWARD LOBBY
BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.
EDWARD B. GREEN & SONS, ARCHITECTS



MAIN DINING ROOM

BUFFALO ATHLETIC CLUB, BUFFALO, N. Y.

EDWARD B. GREEN & SONS, ARCHITECTS