

OHIO ARCHITECT

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Professor
Charles St. John Chubb

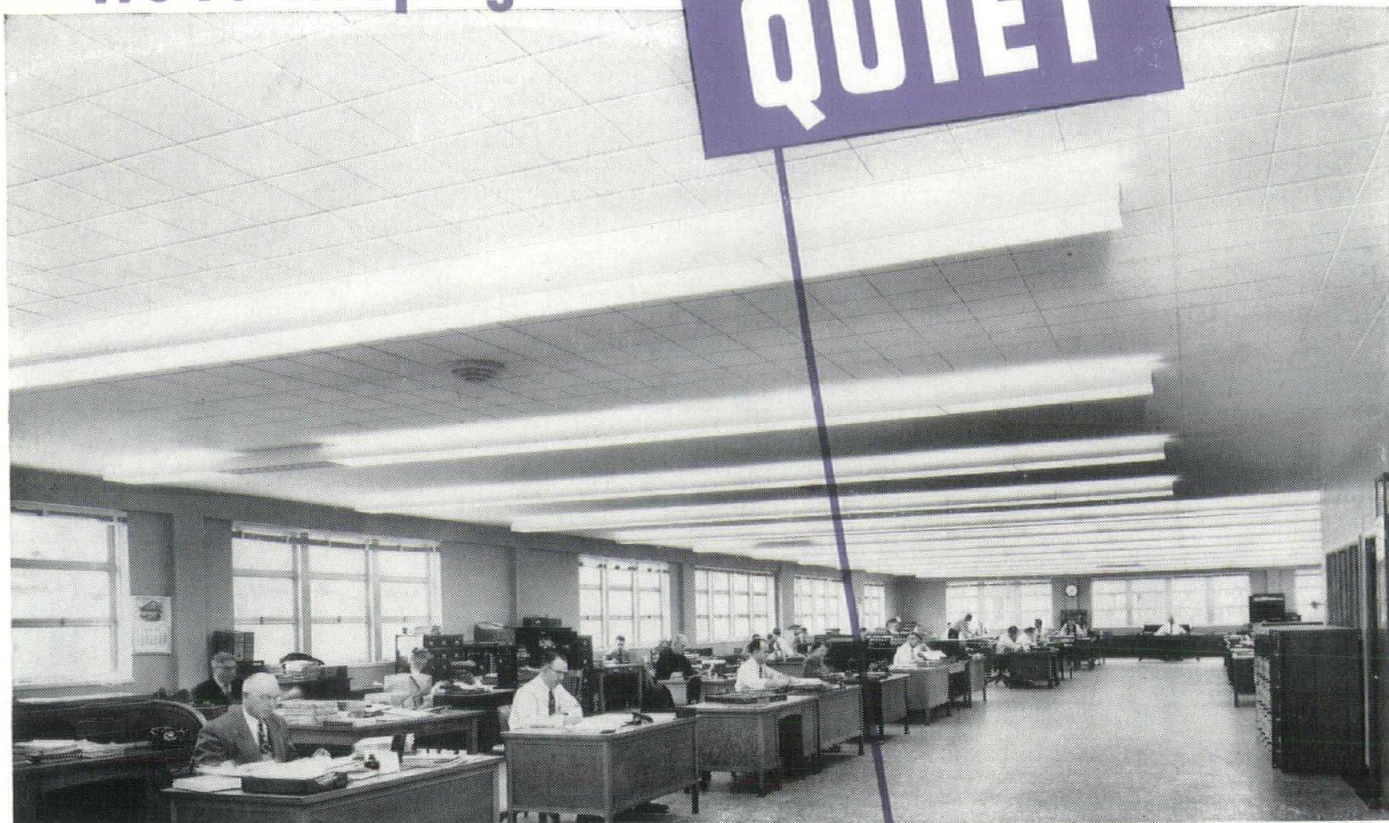
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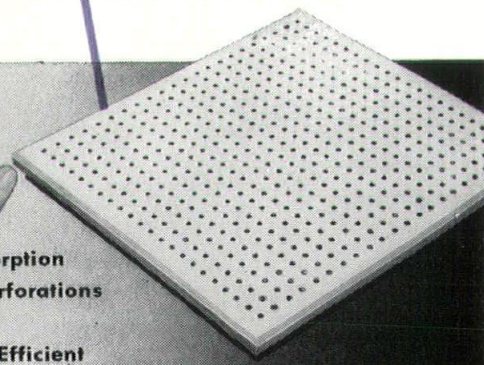
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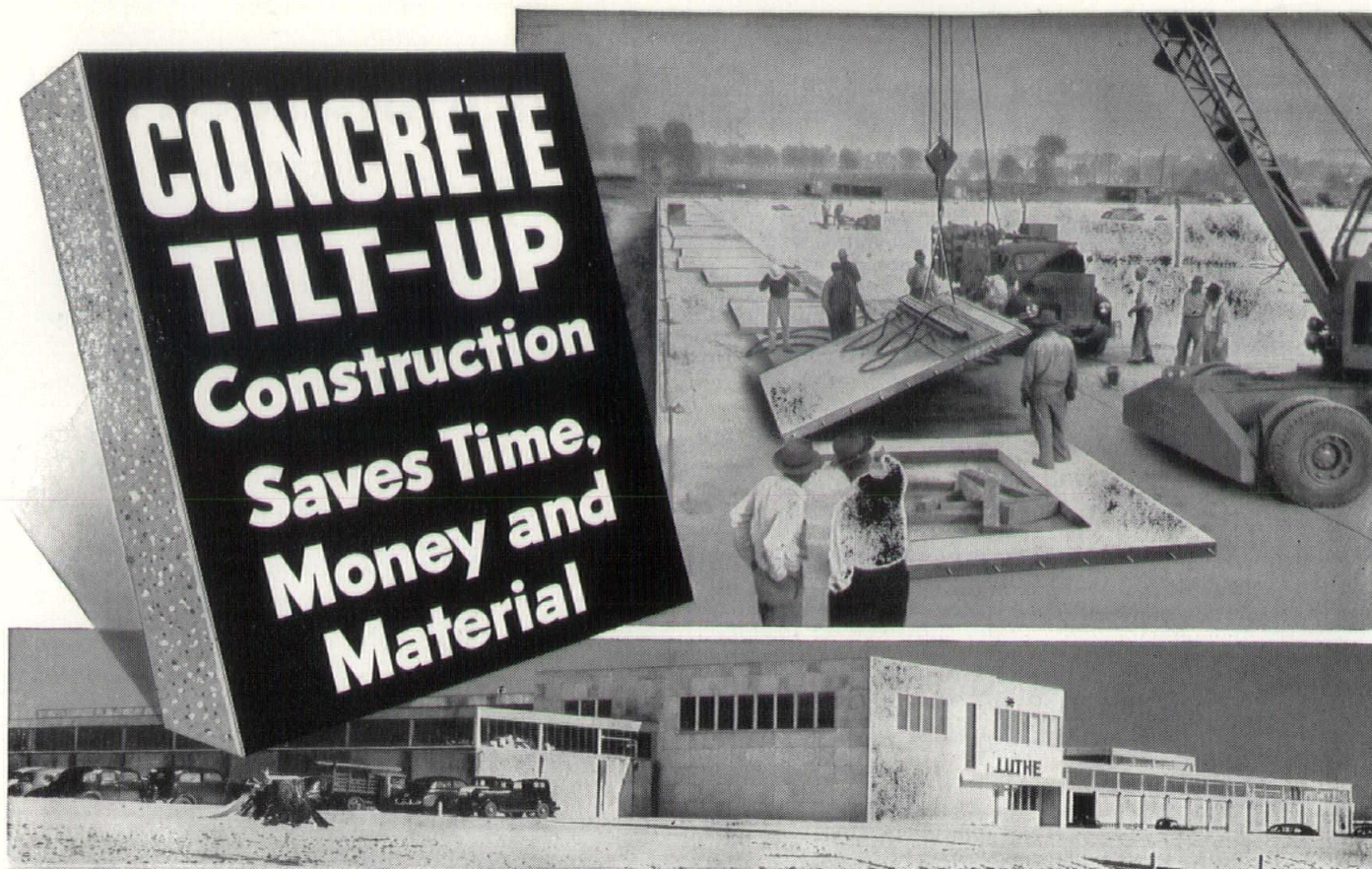
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The new Luthe Hardware Company concrete warehouse in Des Moines is a 240 x 420 ft. structure with a two-story, 45 x 75 ft. office wing. Tilt-up construction was used throughout, except for the office wing projection, which is cast stone.

Tilt-up panels are 11 ft. high, 13 ft. 8 in. long and 6 in. thick. Only seven sets of edge forms were used to build 73 wall panels.

Engineering and construction work by The Weitz Company, Inc.; Brooks-Borg, architects of Des Moines, consultants on architectural design.

Upper photo shows 5½-ton wall section being tilted into position. Lower photo is a view of the completed building.

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OHIO ARCHITECT

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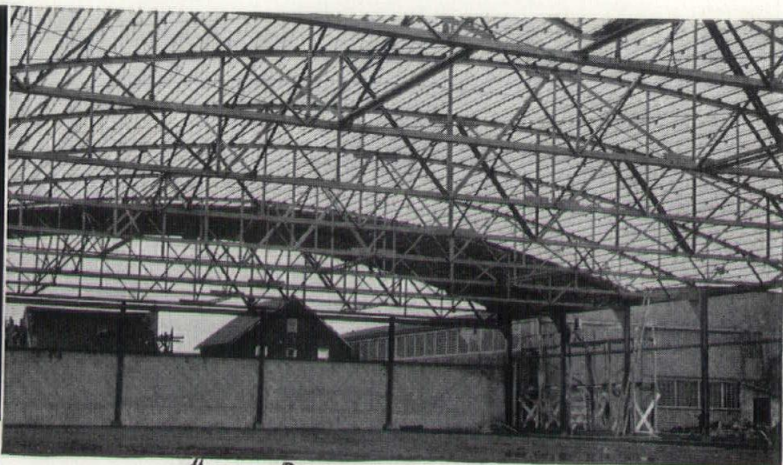
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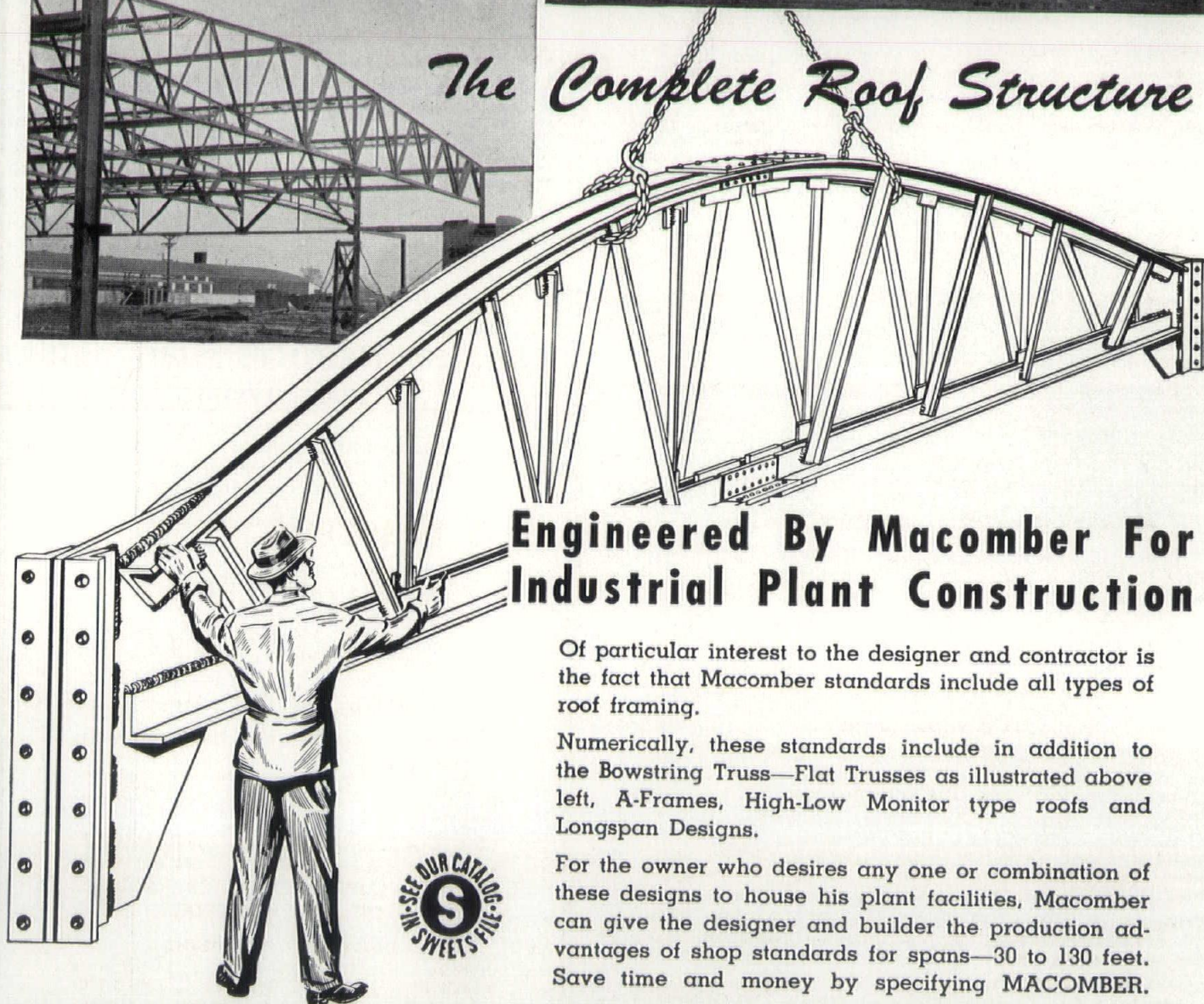
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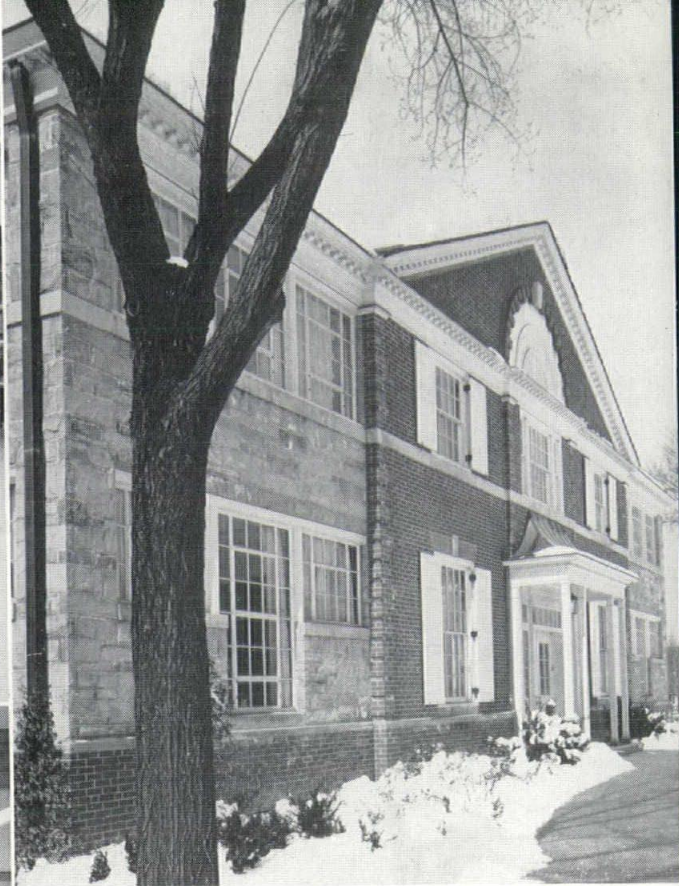
Numerically, these standards include in addition to the Bowstring Truss—Flat Trusses as illustrated above left, A-Frames, High-Low Monitor type roofs and Longspan Designs.

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SHAKER HEIGHTS PUBLIC LIBRARY

SHAKER HEIGHTS, OHIO

CHARLES BACON ROWLEY and ASSOCIATES
ARCHITECTS

See Story on Page Seven



Combination of Many Skills Makes Shaker Library a Landmark of Beauty

By DAVID SKYLAR

CHARLES BACON ROWLEY and ASSOCIATES, ARCHITECTS, CLEVELAND

Photographs by Robert Aksell

The combination of experience, engineering know-how and foresighted planning, when put into operation will always pay big dividends.

That is the only conclusion one can draw after a visit to the new Shaker Heights Public Library, Cleveland, O.

Two bond issues, totalling \$350,000, and five years

of detailed planning have gone into this building which combines the spaciousness and efficiency of the most modern public libraries with the beauty and comfort of a luxurious residential study.

The building, which was started in April 1949, is 85 feet by 78 feet with two floors and a basement.

Charles Bacon Rowley and Associates were architects, Lewis and Son, general contractors and Irvin and

were built in Irvin's own factories located in Cleveland. By working closely with the architects and builders and the library planners, most of the furnishings were complete at the same time the building was complete, an example of coordination by architect, builder and decorator.

The Ellen Ewing Memorial reference room in the southeast corner of the main floor is a peaceful spot, with its large study table and forest green upholstered chairs. Easy chairs are pulled up close to the windows for leisurely reading. This room is dedicated to Miss Ellen Ewing, former librarian, who died in 1949. She was a tireless worker in planning this building.

The Children's Room, in the northeast corner, has low tables of books and small chairs. These furnishings were chosen so that even the youngest readers would feel at home. Easy chairs are also provided for adults.

One of the rooms is called The Shaker Room. It is decorated in the tradition of the original settlers of Shaker Heights. The peg board floors used by the Shakers have been reproduced. The walls and woodwork are done in off-white. An authentic butternut chest has been purchased for this room, and a reproduction of an original Shaker table is now being reproduced by Irvin and Company.

All these features are but a few of the highlights of this new library. Credit goes to the General Electric Company for the exceptionally fine lighting; to the Reliance Heating and Air Conditioning Company for year round comfort obtained from the air condition system; to the Westinghouse Corporation for the engineered dust control system; to the Wagner-Henzy-Fisher Company for the office equipment; Remington Rand Com-

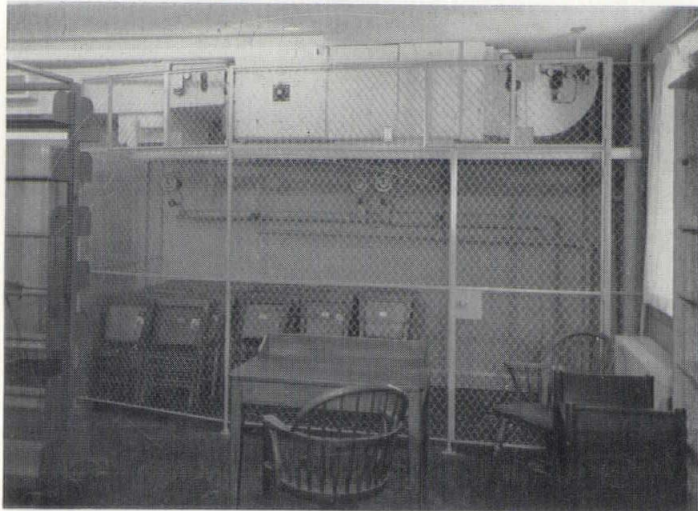
(Continued on page 16)

These air-conditioning units, which provide dust free year round comfort, were manufactured by the Westinghouse Corporation and installed by the Reliance Heating and Air Conditioning Company.

Company, interior designers and decorators.

Knotty pine and maple woodwork done in the Georgian tradition, chintz drapes and comfortable easy chairs, with an open fireplace, flanked by fireplace chairs, end tables and reading lamps, emphasize the homelike atmosphere. Gilbert Rossiter, Vice President and Treasurer, of Irvin and Company handled all interior appointments. All the furnishings were designed especially for the library. The large charging desks and other fixtures

The Air Conditioning Duct System located in the basement circulates dust free air throughout the building.



The Photographs on the Opposite Page

Upper right: An exterior view of the new Shaker Library designed to fit into the traditional architecture of the area by Charles Bacon Rowley and Associates, Architects, Cleveland, Ohio. Lower right: The main room showing the knotty pine, maple woodwork and the homey setting created by Irvin and Company, Cleveland, Ohio. Upper left: The new charging desks, designed and built by Irvin and Company provide quick service for the many readers using the services of the new library. Center left: Flanked by fireplace chairs, end tables and reading lamps, the fireplace establishes a homelike, relaxed atmosphere. Lower left: Looking through the maple woodwork from the librarian's private office.

DAYTON CHAPTER NEWS



Left to Right: Philip H. Kielawa, Secretary; John Sullivan, Jr., Director; Max G. Mercer, President and James A. Reed, Vice President.

The regular meeting of the Dayton Chapter of the American Institute of Architects was held Thursday, May 3, at the Van Cleve Hotel following an unusually enjoyable turkey dinner.

Secretary of the Board of Examiners, Ralph Kempton, was guest of honor. He and Board President Ralph Carnahan brought and arranged an exhibit of a number of design problems from the last State Board examination. These were, of course, indistinguishable only by a number and it is understood no work of local men was included.

Ralph Kempton gave the group an idea of the problems faced in grading the problems—also the factors to be taken into account, urging serious consideration in grading the five problems. The situation was handled most efficiently even to the extent that the group was issued grading sheets on which the point values for each consideration were given, i. e., for plot plan, first floor plan, front elevation, side elevation, section and general presentation.

After dinner the group proceeded to grade the designs. It was noteworthy that its attitude was quite serious. Many were soon deeply involved in plan, circulation and parking discussions, plan and elevation relationship, and whether or not the design satisfied the requirements of the program.

After the grading sheets were turned in, Ralph Kempton arranged them, the following facts came to light:

- (1) The average grade given by the group were

lower than those given by the Board.

- (2) The group picked the same problems in order of excellence as had the Board.

This brought the interesting conclusion that the Chapter, represented this particular evening by an unusually large number of younger men, quite consistently followed the grading of the Board with the added fact that they graded lower.

As an amusing climax a number of elevations only taken from past exams were exhibited and the members were urged to copy the problems identifying symbols and then name the building. Ralph Kempton slyly suggested that their use should be self-evident. Plans were not shown. Here the members found that they were not very good at guessing the use or functions of the buildings from their elevations.

A spirited discussion followed.

The evening concluded with the membership more understanding and appreciative of the problems involved in grading the design problems.

"BIRDS OF A FEATHER"

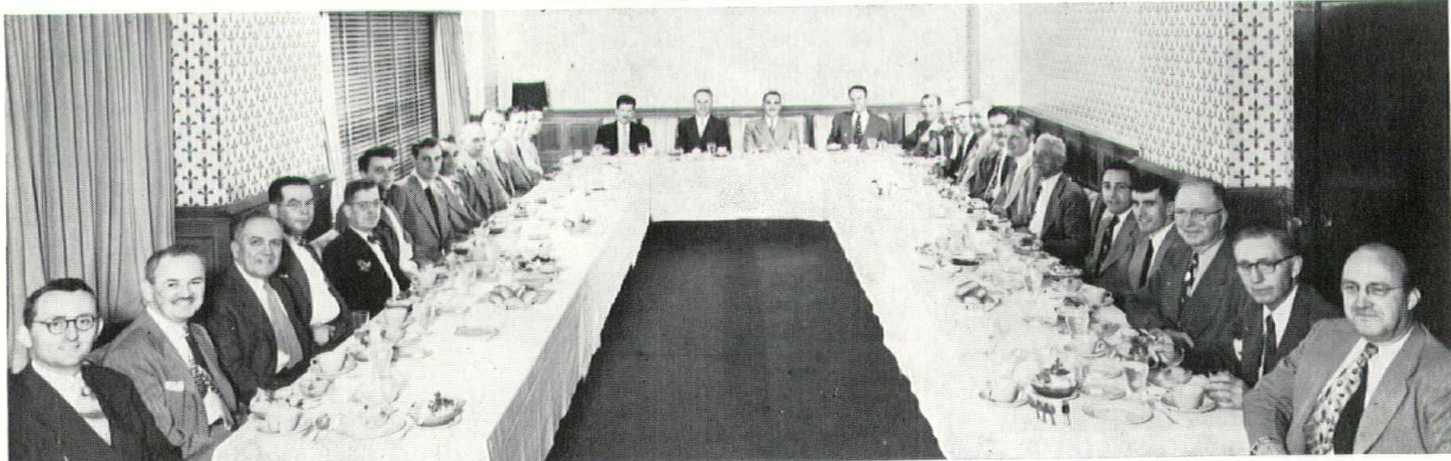


Left: Walter W. Graf, Professional Engineer; City Engineer for the City of Lancaster; President State Board of Registration for Professional Engineers and Surveyors.
Right: Ralph W. Carahan, Architect, Dayton; President State Board of Examiners of Architects.

The hopes expressed by George W. Clark, of the Ohio Society of Professional Engineers in his talk "Birds of a Feather" which was given at the Toledo Convention of the Architects Society of Ohio and which was printed in the October, 1950 issue of "Ohio Architect" are being carried forward by joint action of the O.S.P.E. and the A.S.O.

These two presiding officers of their respective boards, the Professional Engineers Board and the Architects Board teamed up on the joint meeting of the two Boards held in Columbus on March 2.

Dinner Meeting of the Dayton Chapter



For Cleveland's Finest . . . the Best in Air Conditioning

By **WALTER P. KOHN, Industrial Sales Engineer**

WALKER AND WEEKS, ARCHITECTS, CLEVELAND

The Euclid-Huron addition to the Halle Bros. store and the alterations on the existing Euclid Avenue building was a ten million dollar project. For the extensive air conditioning program which was incorporated in the project, York Air Conditioning equipment was used.

Because Halle's enjoys a unique position among department stores in Greater Cleveland, with its white-glaze exterior, its beautifully refreshing interior, and the high-grade merchandise which it carries, the supporting cast, namely, the equipment behind the scenes, must be the best.

That's where York equipment came in. The beginning was a modest one—an order, back in 1935, for a 1-hp Freon-12 condensing unit for a florist refrigerator. The fur vault and drinking water cooling jobs followed in 1936, and then—York Corporation was chosen from the field of big league competition to furnish the air conditioning and refrigeration equipment for the new ten million dollar project.

Essentially, the job consists of 1200 tons of air-

conditioning equipment together with refrigeration equipment for walk-in coolers and restaurant fixtures.

Water cooling is accomplished by means of two York Turbo water cooling systems, one being an 800 hp unit with synchronous motor drive and the other a 400 hp unit driven by a wound rotor motor. These units cool 3,000 gpm of water from 55° F. to 45° F. for circulation through the airconditioners and dehumidifiers of the system.

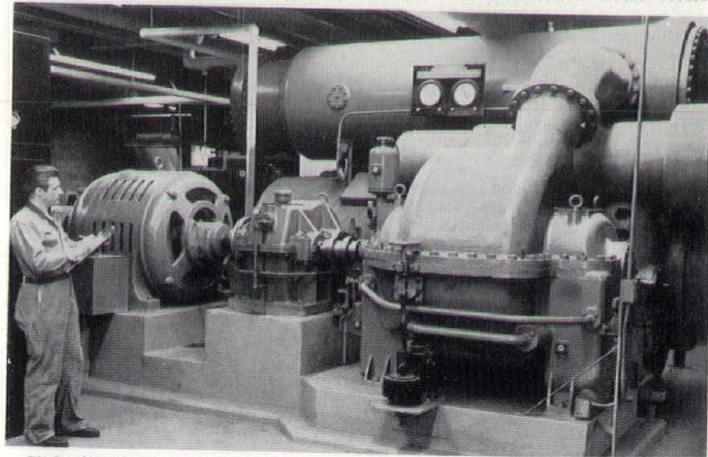
Condensing water for the Turbos is supplied by a cooling tower on the roof with a capacity of 3,600 gpm of water cooled from 95° F. to 85° F.

The Turbo compressor systems automatically balance their capacity with the varying airconditioning load by means of the automatic Prerotation Vane Control, which holds the chilled water cooling medium within a variation of *one-half of one degree*.

The remote temperature indicating system, dry type

electronic filters with fire-proof glass filter medium, air circulating fans, duct-work, electric eye smoke detectors, air outlets (some with movable electric spotlights for displays), pressure relief fans, and ventilating systems represent the latest design and developments for the modern airconditioning system.

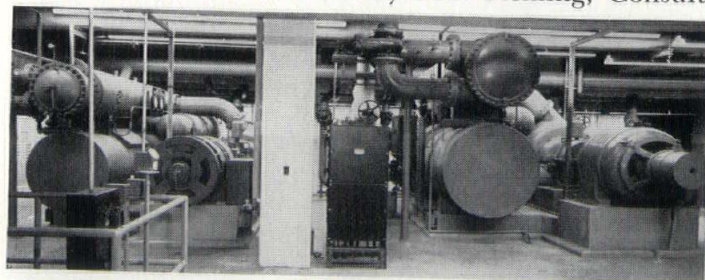
Practically all types of airconditioning and refrigeration systems, including Yorkaire Conditioners and indi-



Eight hundred ton YORK Turbo which, along with two 400 ton units, supplies the chilled water to aircondition Halle's Department Store, Cleveland (left).

vidual refrigeration systems for walk-in coolers and restaurant fixtures, have been utilized to make Halle's a veritable city within itself.

The architects are Walker & Weeks, Cleveland, who also designed the original Euclid Building. The mechanical details were handled by Paul Fleming, Consult-

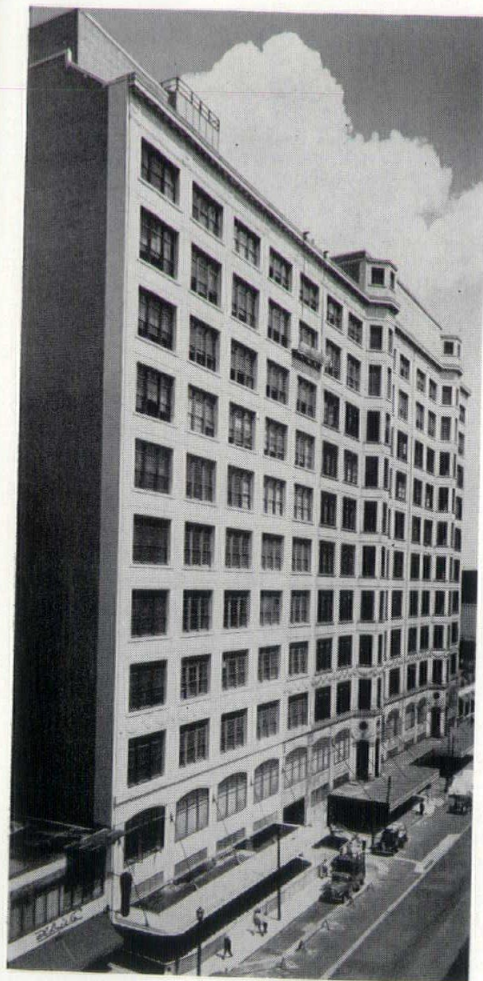


Two YORK Turbo water cooling systems of 400 tons (left) and 800 tons capacity supply the refrigeration for airconditioning the huge Halle's Department Store in Cleveland. Another 400 ton unit will be installed shortly to take care of the added requirements when the modernization program is completed.

ing Engineer of Cleveland, and his associate, David Pfizenmeyer. The Sam W. Emerson Company, who built the original Euclid Building was the General Contractor.

Showing no inclination to call it a day, Halle's has just completed the modernization of its Canton, Ohio, store, including a 75 ton airconditioning system utilizing well water and a 40 hp York condensing unit also in Halle's newest branch store in Cleveland's suburban University Heights where the air conditioning is supplied by seven Model 552 Yorkaire Conditioners, the first unit air conditioners with hermetic cooling systems, the Atmosstat, and Cooling Maze coils.

The York Corporation have their headquarters for Ohio at Cleveland with Mr. H. S. Yoder, District Manager and Mr. C. J. Shurman, Sales Manager.



Addition to Halle Bros. Store

COLUMBUS CHAPTER

The March meeting of the Columbus Chapter was on a very "hot" subject and the panel discussion on "FIRE PREVENTION As It Relates to the Architect" was very ably presented to a very interested group.

The meeting was started on time, which is President Lynch's way of doing things and after the important preliminaries were out of the way, Mr. Howard Dwight Smith, F.A.I.A. was introduced as moderator. The panel selected to assist him consisted of Chas. R. Scott, Deputy State Fire Marshall; H. L. Krieger, Chief Engineer, Classification Department, Ohio Inspection Bureau; F. R. Middaugh, Superintendent of Schedules Department, Ohio Inspection Bureau; Wayne M. Dornbrier, General Manager, George E. Ruisinger, Inc., General Contractors and G. E. Fink, Assistant Chief Division of Building Inspection, Department of Industrial Relations.

The various phases of fire prevention, what could be accomplished, who is responsible, how should it be done and when is the proper time to consider these steps were covered thoroughly by the experts. The relative importance of some of the major points were discussed in detail and it was the moderator's opinion that the insurance phases alone would provide a fine chapter program. The entire program was so thoroughly enjoyed and opened up so many new avenues for discussion and research that it was very generally agreed that such a program could and should be repeated again within a year.

Other chapters in the state could very properly and profitably hold a similar meeting, with some of the above officials participating.

The Columbus Chapter Calendar or Datebook is boiling over. A special meeting, with the Marble-Cliff-Arrow Concrete Corp., as the host, was on April 20th. Regular chapter meeting on the 22nd, with President Carl C. Britsch, speaker, along with several of the other State Officers of the Architects Society of Ohio. Inspecting four of the new Farm Bureau Buildings—Benjamin Richards & Armstrong, Architects—in early May.

The dates May 8th to 11th are of course set aside for the National Convention of the A.I.A. in Chicago. Then on May 18th (subject to change) there will be a special meeting with the Fiberglass Corporation at the Newark Ohio Plant and a view of a great traveling exhibit on the return to Columbus.

Aside from trying to look in on some of the legislative work of interest to the Architects, attending hearings of the Board of Building Standards, reading Orders M-4, M-7, etc. filling out NPA forms and planning for the A.S.O. meeting in Columbus next October everything

is rather quiet along the Scioto.

The Chapter has again decided to participate in the 1951 Building being conducted on the State Fair Grounds by the Columbus Builders Exchange. This is a fine and profitable activity for all architects but does require a lot of planning and work. Robert R. Royce is chairman of the 1951 committee. The Columbus Builders Exchange has made this one of the outstanding Building Shows in the country. The manner in which architects can best participate in an activity of this kind has never been fully determined. Here is something on which some hard collective thinking might produce a program of real value to many chapters who annually take part in Home Shows and similar promotion efforts. Another advance step was made when the Columbus Chapter accepted the invitation of the Columbus Gallery of Fine Arts to participate in a joint exhibit of the Art League in the First Spring Architectural Salon. Chapter members, Navarre Musson, Gilbert Coddington and Emil Fischer are charged with making this a success.

CONSTRUCTION NEWS

Construction contract awards for January, 1951 in the 37 states east of the Rockies were down 11 per cent from December but were still high enough to be 43 per cent ahead of January, 1950 it was reported recently by F. W. Dodge Corporation, construction news and marketing specialists. The January figure was \$1,043,248,000.

Slight declines in the individual classifications also marked the construction trend for the first month of the new year.

Residential awards totaling \$420,918,000 were down 12 percent from the December figure of \$478,583,000, but were 23 percent ahead of January, 1950. Non-residential contracts of \$461,016,000 were 6 percent below December, but 96 percent above January last year.

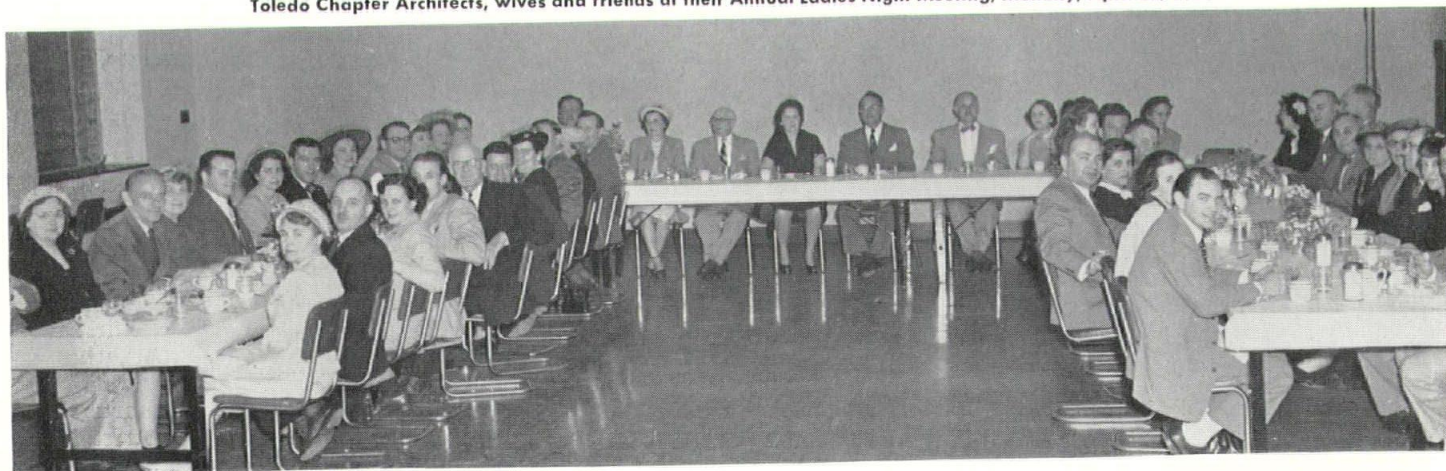
LADIES NIGHT, TOLEDO CHAPTER, A.I.A.

Members of the Toledo Chapter celebrated their annual Ladies Meeting Monday night, April 30th in the form of a gay May Day Party.

The group took advantage of the newly remodeled club rooms of the Toledo Edison Company, beautifully located on the picturesque banks of the Maumee River.

More than fifty architects, wives, friends and guests attended this annual get-together, and were well entertained with interesting travel slides covering a three months trip through the Far East, clearly explained by Mrs. Edward Packer, who took the trip with her husband. Bingo and Canasta games topped off the big evening.

Toledo Chapter Architects, wives and friends at their Annual Ladies Night Meeting, Monday, April 30, 1951



Uniform National Code Needed

A uniform plumbing code must be adopted on a nation-wide basis if the builders of America are to meet the housing needs of the present emergency.

This advice was given to members of the National Association of Home Builders at their 7th annual convention in Chicago, Illinois, by Earl Smith, Berkley, California, who acted as discussion leader at a "shop talk" session.

Smith said that the National Association of Home Builders will shortly release a specimen plumbing code to members throughout the country for their consideration and suggestions. This code will then be proposed by local builders to various city and state groups whose aid in its adoption will be solicited.

"With the coming days of increased defense need, shortages of critical materials, coupled with the govern-

ment's estimate of 850,000 new homes during 1951, we must adopt a uniform plumbing code," said Smith. "The government has called upon the builders to cut down on all critical material use and to avoid any wastage at all."

He pointed out that under the antiquated plumbing codes, restrictive labor practices, and conflicting government regulations the waste of materials of a critical nature is sharply evident in the installation of plumbing.

"It is up to the builders, the government, the unions, and the public to advocate the adoption of a uniform plumbing code so that waste can be stopped, substitute materials used, and vital time can be saved," he added.

Smith said that the labor and cost saving practices that have been discovered by merchant builders in large project operations can be adapted to the small builders also, and many of these operations are incorporated in the proposed plumbing code.

MIAMI UNIVERSITY FACULTY

Leicester B. Holland, F.A.I.A. is the new head of the Department of Architecture of Miami University at Oxford, Ohio, succeeding William McLeish Dunbar, who passed away in February of this year.

The present staff is as follows:

Leicester B. Holland, Head; Robert W. Modaff, Executive Assistant; C. H. Barcus, Walton F. Battershall, Willem de Moor, Rudolf Frankel, Victor Furth, Keppel O. Small, W. W. Wertz.

CINCINNATI PLANS \$1,500,000 SAFETY BUILDING

Safety Director Oris E. Hamilton, Acting Police Chief William C. Adams and Property Superintendent Edwin W. Potts flew to Toledo to study and survey the new safety building in that city. A similar type building is contemplated for Cincinnati when police Districts 1 and 4 are combined, Hamilton said.

Cost of the completed building, which would be located on a site not yet determined, would be approximately \$1,500,000, Hamilton stated.

The local "safety building" could be started with \$461,000 of bond money still available for police station construction.

2" SOLID PLASTER PARTITION PROVIDES MANY ADVANTAGES

Particularly adapted for non-bearing wall construction in housing projects, apartment buildings, hotels, hospitals, schools, commercial office buildings, the 2" solid partition system with a metal lath base provides greater rigidity, maximum fire protection, good sound insulating value, and attractive appearance, says the Metal Lath Manufacturers Association, Cleveland, Ohio. Lightweight of such partitions—17.5 lbs. per sq. ft. of partition—saves substantially in the structural design of any building.



New Building—
Farm Bureau Insurance
Columbus

Architects: Benham, Richards & Armstrong

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Our Beloved Professor Chubb Retiring

(See Illustration on Front Cover)

ONE of our best known and most respected teachers of Architecture is retiring from active service in June. The completion of a long and useful career will take place at the close of the current school year at Ohio State University. It would be particularly fitting and proper of the alumni of this department would make it a "must" appointment to return to Brown Hall on June 2nd as a special mark of tribute to an old friend and a fine teacher whose loyalty to his students and to the profession of architecture has always been high and unwavering.

Professor Charles St. John Chubb has taught at Ohio State University since 1907. In 1922 he was honored with the responsibilities of administrative head of the department, taking over the reins from a most worthy predecessor, Joseph N. Bradford. continued as head of the department until 1944. That he took his work as a teacher quite seriously is evidenced by the fact that he had no outside interests that in any way over shadowed his duties to the students and the department under his charge. He is a devotee of the game of bridge and found a lot of relaxation beating the many other experts on the campus.

Almost all of the graduates of the Department have been in his classes, and no one has more numerous or affectionate friends among them. Among the several subjects which he taught, his presentation of early American architecture was outstanding. He has quite a sense of humor as many classroom history incidents will evidence. Perhaps that's one characteristic that all teachers of neophyte architects should have.

As some ancient records show, Prof. Chubb took an active and early interest in the affairs of the profession, serving as Secretary to the State Association of Architects back before World War I

and as President of the Columbus Chapter for two terms shortly thereafter.

Professor Chubb was born April 1, 1881 at Fort Pembina, North Dakota, his father being an army officer stationed there at that time. He was graduated at Ohio State University in 1904, and studied later at the University of Pennsylvania.

When the struggle for registration started in 1923 he was active in the effort towards this goal at that time. In 1929 he was again a part of this effort which did not succeed. However, the bill for which he was largely the author was passed in 1931 and is to a large degree our registration law today.

That his interests were more than state wide is evidenced by the fact that he was a Director of the Collegiate Schools of Architecture for two terms during the middle thirties. It was therefore altogether fitting that the following resolution was introduced and adopted by the Collegiate Schools of Architecture at their meeting in Chicago on March 7th, 1951.

"WHEREAS, Charles St. John Chubb, who has for more than forty years served the cause of Architectural education by his teaching and leadership in the Department of Architecture of the Ohio State University, will retire from active duty at the end of the present term;

"BE IT RESOLVED, that the Association of Collegiate Schools of Architecture felicitate Professor Chubb on his long and honorable career in professional teaching and his many contributions to the development of numerous members of the profession and the progress of fine architecture.

"BE IT FURTHER RESOLVED, that the Secretary convey these sentiments to Professor Chubb and express our high hope that in the years to come he may enjoy continued good health and well earned happiness."

JOINT MEETING—A.I.A., I.E.S. & S.I.D.

On April 26th the meeting of the Cleveland Chapter, A.I.A. started with a judgment at 5:30 P. M. of a student competition at the Cleveland Institute of Art. The competition, "Redesign of the Exhibition Hall of The Cleveland Institute of Art," was conducted under the joint sponsorship of The Cleveland Chapter, A.I.A., The Cleveland Section of the Illuminating Engineering Society and the Society of Industrial Designers.

Twenty teams composed of a member each from the School of Architecture, WRU, Case Institute of Technology and The Cleveland Institute of Art submitted entries. Of these the jury, consisting of J. Byers Hays, A.I.A., Franklin G. Scott, A.I.A., Ray Berger, I.E.S., Harry Ingraham, I.E.S., and Viktor Schreckengost, S.I.D., selected the first, second and third prize winners.

Following the judgment, a dinner and joint meeting of the three societies was held in the Exhibition Hall of the Art School. Frank Mueller, chairman of the Cleveland Section I.E.S. opened the meeting with a brief explanation of the competition, the second to be held under joint sponsorship of A.I.A. and I.E.S.

President Carl F. Guenther, Cleveland Chapter, A.I.A., then introduced the speaker's table which included Dr. Laurence Schmeckebier, Director of The Cleveland School of Art; C. L. Amick, past chairman of the Cleveland Section, I.E.S.; John Von Gunten, critic, School of Architecture, W.R.U.; J. Byers Hays, A.I.A., member of the jury; Prof. R. Stanley McCandless of Yale University; Frank Mueller, chairman, Cleveland Section, I.E.S.; George Gund, Chairman of the Board, Cleveland Institute of Art; Viktor Schreckengost, Vice Pres., S.I.D.; Karl Staley, chairman, Allied Arts Committee, I.E.S.; Russell Putman, professor and critic, Case Institute of Tech-

nology; Ernst Payer, A.I.A., critic, School of Architecture; Wilbur Riddle, A.I.A., chairman, Program Committee; and Onnie Mankki, A.I.A. and chairman of Program Committee for S.I.D.

Following the announcement of the A.I.A. Nominating Committee's slate for the coming year, George Gund spoke briefly on the many things that Cleveland had taken a lead in including the Cleveland Foundation, the cultural gardens and team competitions. He then presented the competition awards to the following:

First Prize—\$100.00—Raymond Febo, School of Architecture; Rolland Waite, Case Institute of Technology; Gerald Garfield, Cleveland Institute of Art.

Second Prize—\$50.00—Jack Huddle, School of Architecture; Richard Mott, Case Institute of Technology; Anthony Walley, Cleveland Institute of Art.

Third Prize—\$25.00—Hugh Bradley Ver Bryck, School of Architecture; George Edward MacDonald, Case Institute of Technology; Donald Hronek, Cleveland Institute of Art.

Honorable mentions were awarded to the following teams: of Robert D. Fox, Mario J. Scipione and John Rey; of Ernest Ross, George Poore, and Neil Smith; of Bert Lahn, George Poore, and Donald Lasky. Popular selection prizes consisting of various pieces of electrical equipment donated thru members of I.E.S. were then distributed by Karl Staley.

The second part of the meeting was devoted to a talk by Professor Stanley R. McCandless on "Lighting for Designers." Prof. McCandless with the aid of slides illustrated the various phases that lighting played in design and its four functions of visibility, comfort, composition and atmosphere. He clearly showed how improper lighting emphasized the wrong part of the composition thereby losing the unity and emphasis desired.



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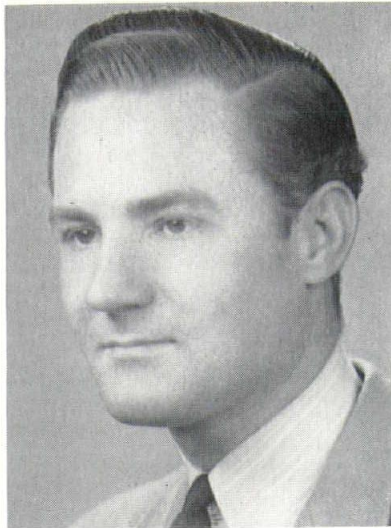
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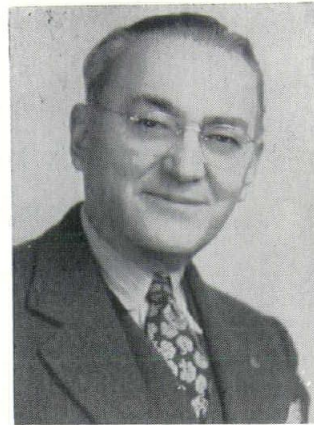
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OUR PRESIDENT'S MESSAGE

Reporting from the 83rd National Convention of the A.I.A. in session at Edgewater Beach Hotel, Chicago, Ill. The major questions in the minds of most Architects, and a dominant theme of this great convention is: "How shall the profession deal with governmental restrictive measures and controls of the building industry in this period of national emergency? and what to do about civilian defense?"



CARL C. BRITSCH

There seems at this stage, to be no clear cut or positive answer forthcoming due to the governments' trial and error method of searching for a formula to establish requirements and the extent of civilian endurance of wavering policies.

This tempo may well be sensed in a few notes taken from expressions of well known Architects on the program.

Apathy and confusion mark the country's civil defense efforts to date, according to spokesmen for the nation's

architects.

Ten leading architects, specialists in various types of buildings, called for further utilization of the planning and organizing talents of their profession.

Col. Lawrence Wilkinson, New York State civil defense director, struck out at public and congressional apathy on civil defense. He charged inconsistency between congressional action on selective service and failure to act on civil defense.

Ralph Walker, president of the AIA, said modern technology is making obsolete the big factory and the mass assembly line. Future plants will be smaller, more automatic, and in decentralized locations, for economic as well as defense reasons.

Morris Ketchum, chairman of the New York City AIA civil defense activities, called for an overall program at every level—national, state and local—instead of the present, confused competition for materials and manpower between civil defense, national defense and private enterprise.

"Unless we plan and build with overall requirements of both civil and national defense in mind, we will soon bankrupt our national economy, weaken our offensive strength, and mortgage our future," Ketchum said.

Ketchum emphasized that dispersal, not concentration, is the only answer to the atomic bomb. He criticized proposed underground parking-garage-shelters as the least practical of the many bomb shelter ideas that have been advanced. Such huge shelters would be invitations to mass suicide in an emergency, and equally useless for parking in peacetime he said.

Roy T. Christiansen, Chicago building commissioner, told the architects that his city's civil defense program hadn't "an ounce of defense in it." He said it was almost entirely a matter of cleaning up the city after disaster struck. A typical imaginary attack on Chicago, would have resulted in 260,000 casualties, he said.

Lawrence B. Perkins, whose Chicago and White Plains, N. Y., firm has built or designed more than 70 post war schools, said that major alterations or design changes in school buildings for defense purposes would not increase children's safety sufficiently to justify their ex-

(Continued on page 16)

Copper, Monroe Walker, Jr., F.A.I.A., Cleveland, Ohio

Munroe Walker Copper, Jr. has been advanced to Fellowship in the A.I.A. for achievement in design. He is best known for his interpretations of Pennsylvania colonial architecture and has introduced adaptations of this type to the mid-west, being largely responsible for design of the suburban homes in Shaker Heights, nationally known as "The City of Beautiful Homes." While much of his work has been residential, his ability is also well demonstrated in such ecclesiastical and commercial buildings as the Clark restaurants in Cleveland, Methodist churches in Mayfield and Bay Village, Christ Church in Shaker Heights, all in Ohio. Mr. Copper is a member of the zoning and planning boards of Cuyahoga County and the town of Gates Mills, Ohio.

Born in Philadelphia in 1897, Copper attended Central Manual Training and West Philadelphia High Schools; graduating in 1916, he attended night classes at the School of Industrial Art. After two years of service in the Navy during World War I, he graduated from the University of Pennsylvania in 1920. He saw service in the Pacific during the second war as a Lt. Commander. His present firm is Copper, Wade and Peck, Heights Rockefeller Building, Cleveland Heights.

A profound respect for classic tradition has always influenced his work, and he has aimed to interpret the various styles of the past in a simple, direct and logical manner to fit the requirements of modern living. He has also acted as consultant for the restoration of historic buildings including the Gates Mills Historic Museum and the Dunham Tavern in Cleveland.

A member of the Cleveland Chapter of the A.I.A. for twenty-two years, Copper had served as treasurer and in various other capacities. He was Councilman in Gates Mills from 1932 to 1936.

OUTCALT, GUENTHER ARCHITECTS ELECT TWO ASSOCIATES

C. Ralph Fletcher, architect, and J. Trevor Guy, architect and engineer, have been elected associates in the architectural firm of Outcalt, Guenther & Associates, whose offices are at Shaker Square, it was announced recently.

Prior to joining Outcalt & Guenther last year, Fletcher had been associated with several New York architects and industrial designers, including Norman Bel Geddes, Raymond Loewy and Kahn & Jacobs. A native of Columbus, he is a graduate of Ohio State University and studied at Columbia University Graduate School of Architecture.

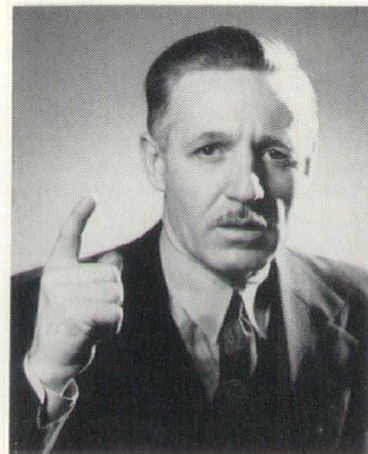
Guy is a graduate of the school of architecture of Western Reserve University and has studied at the Fontainebleau School of Fine Arts, France, and holds a certificate from the Beaux Arts Institute of Design. Prior to World War II he was associated with the Austin Co., industrial engineers.

AMONG THE CHAPTERS

PUBLIC RELATIONS GOALS: In his model annual report, interestingly presented in the form of a balance sheet of debits and credits, President Romberger of the Pasadena Chapter stresses six points to be brought from the red to the black in the 1951 public relations program: (1) more publicity for recently licensed architects; (2) more house plans published; (3) a stockpile of slides; (4) a speakers' bureau; (5) strengthening of the ties with the local Chamber of Commerce, both senior and junior; and (6) more identity with other civic groups.

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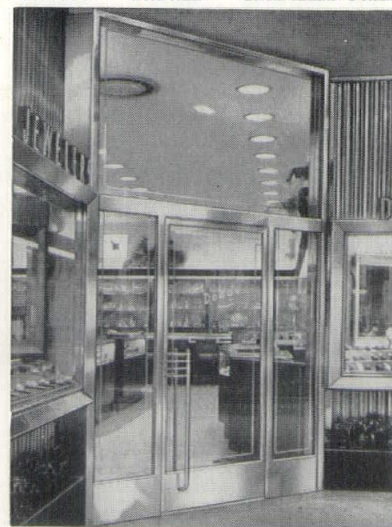
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OUR PRESIDENT'S MESSAGE

(Continued from page 14)

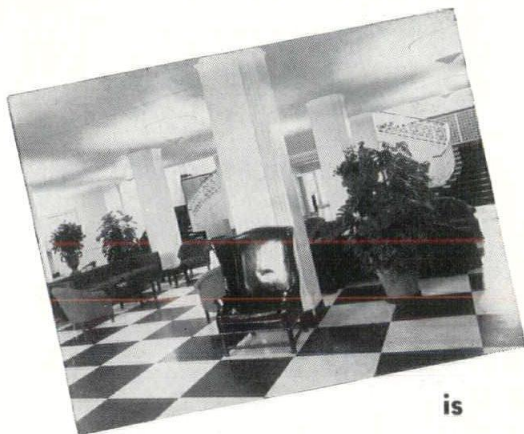
pense. Most effective, and cheapest, protection for school children is shallow pits and trenches, bull-dozed from the playgrounds. This simple device, useful for play, is being employed for public schools at Sault St. Marie, Michigan, referred to as the nation's most important bombing target.

Victor Gruen, Hollywood and Detroit architect, urged private capital to proceed with plans for large suburban shopping centers, which, he said, would be useful as emergency shelter camps and relocation centers.

We will have much more to report to the Architects of Ohio on the actions taken and influence of this convention. You will also be instructed directly thru your chapter representatives. Ohio is very much in evidence among the delegation here.

—CARL C. BRITSCH

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BEE GEE WINDOWS WIN BLUE RIBBON AT BUFFALO SHOW

Blue ribbon first prize award for the outstanding display of windows at the recent Buffalo Better Homes Exposition was given to Brown-Graves Company, Akron, Ohio, makers of famous Bee Gee Wood Windows. In



ROBERT BENNINGTON, Brown-Graves Regional Sales Manager, Robert Frisbie and Andrew Enik, Bee Gee Sales Representatives, receive the 1951 First Prize Blue Ribbon Award from B. L. Neubauer, President of Buffalo Better Homes Exposition. Award was made for the outstanding window display in the 1951 Show.

making the award B. L. Neubauer, president of the Show, stated: "Your exhibit shows good taste and planning. Our prize committee feels that it has been a definite asset to the Show and has been instrumental in making the 1951 Show bigger and better than ever."

More than 75,000 persons attended the Exposition, an all-time record attendance.

Combination of Many Skills

(Continued from page 7).

pany for the stacks and library equipment; and to the Syostrom Company for the library equipment.

And above all, credit should be given to Virginia Robinson, librarian, and members of the Shaker Heights Library Board, David Dietz, president, Mrs. Leonard H. Church, vice-president, Mrs. Claude Clarke, Dr. Webster G. Simon, H. Van Y. Caldwell, James W. Reichert, J. W. Main and Richard S. Douglas.



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Columbus Chapter Officers for 1951



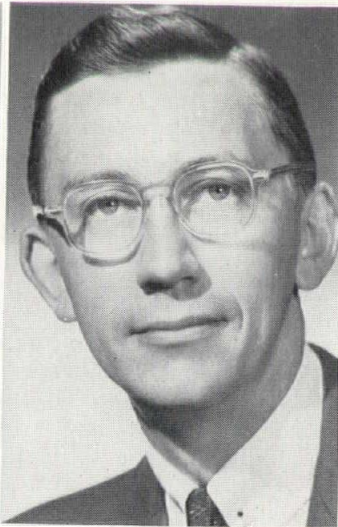
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Columbus Chapter Hears About A.S.O.

They came—we fed 'em. They conquered. It was Friday night the 27th of April when the "foreigners" came to town from far and near. As invitations duly authenticated had been presented to each one, their coming,

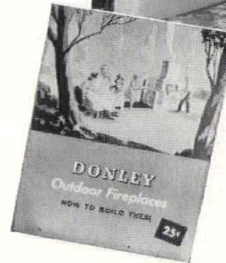
with one exception, was no surprise and ample preparation had been made for their welfare and entertainment.

Following refreshments and a fine dinner starting at 7:00 P. M. President William Linch of the Columbus Chapter called the assembled brethren to order. On the basis of a "hop-skip and jump" reading of the minutes of the last meeting by Secretary Louis Karlsberger same were approved as read. President Linch then reminded every one of the Spring Architectural Salon by having the Chairman Gil Codington tell what the score was.

Another recent chapter activity was covered by Chairman Bob Royce who related some of the experiences experienced by those who had assisted in the Chapter par-

(Continued on page 18)

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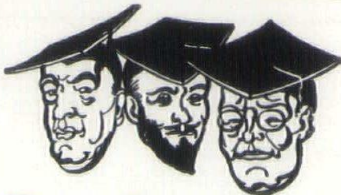


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ticipation in the Building Show sponsored by the Columbus Builders' Exchange. It was agreed that it might be very helpful to the other five chapters in Ohio if we gave each one a copy of the literature passed out with a brief summary of our experiences covering what and what not to do, when to do it and the costs involved.

One of the guests of the evening did not travel so far. He was introduced as a man from the hills, who had come up the hard way, had at one time or another worked with and assisted every one in the room. His work has been constantly outstanding, each job reflecting a thorough knowledge of what he was about and a steadfastness of purpose to do each job. This "hillbilly" from down Wellston way is an architectural delineator and draftsman, par excellence. He signs his income tax, James E. Myers, but to his host of friends in Central Ohio he is better known as "Jimmie."

One of the foreigners at the head table was John Richards of Toledo, our A.I.A. Regional Director. In addition to reminding us of several institute matters of interest, Director Richards was assigned the task of presenting the charter to the students chapter at Ohio State. The charter was accepted by John Eggert, Robert Kindig and Thomas Reed. Yes, John is the son of Mr. and Mrs. Efflo E. Eggert.

President Lynch then introduced Carl Britsch, President of the A.S.O. who in addition to giving several short speeches and telling a short story or two, introduced the other "foreigners," William B. Huff, Akron, 1st V. Pres., Rollan R. Rosser, Dayton, 2nd Vi. Pres.; John Hargrave, Cincinnati, 3rd V. Pres.; Horace Wachter, Toledo, Secretary and Mel Frank, Columbus, Treasurer. Each of these state officers gave a report in the particular affairs of the Architects' Society assigned to him, all of which together with the remarks of President Britsch made up an excellent report to the Columbus Chapter members on what the Architects Society of Ohio was doing now and expected to do in the future.

The State Legislature is rolling along as usual and more laws are being made every day. This seems to worry a lot of folks and even some of the Legislators but maybe the situation is not too bad, as we are living in a collective age surrounded by conditions and circumstances that our parents would have not believed possible in this country.

To place the blame for this very unsatisfactory situation might or might not be difficult depending upon the background of the blamer.

What would or could be accomplished by such a pronouncement is also something on which there would be considerable disagreement.

To date 364 Bills have been introduced in the Senate

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and 672 introduced in the House as of May 11. Of this number 24 Senate Bills have been passed and signed by the governor; 1 Senate Bill passed over governor's veto and 1 Senate Bill was vetoed. 36 House Bills have been signed by the governor. 3 not officially signed as yet.

27,000 New Housing Units Needed

Cleveland-Northeast Ohio will need a total of nearly 27,000 new housing units by the end of 1951, Robert V. Main, housing coordinator of The Cleveland Electric Illuminating Company, told the local chapter of the Producers' Council here recently.

This forecast, based on a comprehensive study and survey by The Illuminating Company of mounting employment and growing housing needs in its service area, covers Cuyahoga, Lake, Geauga and Ashtabula counties.

Because of the Cleveland region's importance as a defense area, Main said, and because of the tremendous plant expansions, industry forecasts a need for 75,000 more defense workers this year.

Since most all available labor here is already employed, local industry will have to attract new workers from outside this area. These in-migrants will need about 20,000 homes. Normal expansion of the area calls for an additional 7000 housing units.

Main pointed out that 128 companies have invested or committed for investment over one billion dollars for new industrial plants and equipment in the Cleveland-Northeast Ohio area. Many of these companies are engaged in the national defense program.

More housing in the four-county area is a vital part of the defense program, Main emphasized. Workers cannot be attracted to the area unless housing is available.

He expressed confidence that the private building industry could overcome its problems and supply the housing needs of the area.

He stated that construction must be started *now* if a large volume of homes is to be completed this year. For those planning apartment projects he pointed out that the gross weekly earnings per industrial worker in the area is \$72, far above the national average. And most dwelling units have an average of two available workers. Instead of waiting for the financing assistance of the delayed Defense Housing Bill, serious consideration should be given to existing Sections 207 and 213 of the Federal Housing Administration.

He urged that suppliers of building materials and equipment keep architects up-to-date on the supply picture and how their materials could save time and reduce building costs.



ROBERT V. MAIN

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Selective Service Deferment For Architectural Employees

Selective Service Regulations provide local boards with ample authority to defer an employee whose employment is found to be necessary to the maintenance of the national health, safety, or interest.

The Selective Service Act of 1948, as amended, prohibits deferments by groups or categories and requires that each deferment granted must be given on the basis of the individual status of each registrant. Responsibility for the classification of registrants lies initially with the local board. Rules and regulations as prescribed by the President under which local boards operate are broad.

Any employer of civilian manpower may present to the local board in detail all he may wish to offer in support of any request for deferment of any individual liable under the Act. The employer may present his request in writing in any manner he deems appropriate inasmuch as no special form is provided or required in this instance. If a request for occupational deferment is denied by the local board, the registrant or his employer, if he filed a request for deferment prior to the classification from which he desires to appeal, has the right to appeal as set forth in the Selective Service Regulations. If the appeal board upholds the classification given by the local board, but, if in doing so, one or more members of the appeal board dissents, then the appellant has recourse to the National Selective Appeal Board which has adequate power to act in all cases coming before it.

It is to be observed from the information outlined above, that either the registrant or his employer may request occupational deferment and in support of such request they are at liberty to set forth any information which they believe should be considered as indicating that the registrant's activity in the above-mentioned employment is necessary to the maintenance of the national health, safety, or interest.

It is suggested that in all cases complete information should be provided to a registrant's local board and it should normally be submitted with the registrant's questionnaire or at least prior to the classification action of the local board. This is necessary to vest in the employer his right of appeal.

LABOR DISPUTES AND THE ARCHITECT: With the lathers' and plasterers' dispute which caused the Chicago strike still not settled, Chicago Chapter President Yost has taken the stand that labor dissension is the architect's business. He has issued a statement of points the Chapter wants to see included in the final agreement. Among them is the right of the architect to determine specifications and the use of materials without "abridgment" by Union regulations. The Chapter has further put itself on record as demanding that the decision as to separated or combined lathing and plastering bids be left with the general contractor, architect or owner.

IT PAYS TO ADVERTISE?: It will be open season for slogans if other chapters follow the lead of the Northern New Jersey Architects League, which recently ran a weekly advertisement in several periodicals in the area. The move has already attracted considerable interest among members of the profession. "IT PAYS TO CONSULT AN ARCHITECT BEFORE YOU BUILD" runs the New Jersey ad. Other captions which spring to mind: "DON'T START A HOUSE WITHOUT CALLING AN ARCHITECT" or "IT'S SMART TO GET BLUE-PRINTS BEFORE GOING AHEAD." Any ideas?

A Client's Lament

When I had decided to build me a house
I felt just a little afraid
That plans and design were not in my line
So, I sought architectural aid.
And I said, "Show me, pray, something most recherché,
For I'm weary of hanging my hat
In an early Victorian
Pre-Montessorian
Plain two-by-four-ean flat."

The architect puffed his period pipe
As he sat in his Renaissance Chair,
And he gave me a smile in the pure Gothic Style,
Though he spoke with a Romanesque air.
Said he, "If your taste is not wholly debased,
The best you are certain to find
Is the later Colonial
Pseudo-baronial
G. Washingtonian kind."

I thanked him politely and paid him his fee,
But sundry acquaintances cried,
"That stuff you should shun, for it hasn't been done
Since Benjamin Harrison died."
And they took me direct to a new architect
Who argued with logic compelling
For a quasi-Delsartean
Post Bonapartean
Wholly Beaux Artian dwelling.

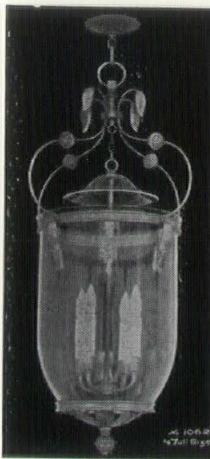
My downfall had started, I groped in a maze
Of traces, transactions, and trends,
And I labored anew over prints that were blue,
With the aid of my numerous friends.
But I don't knit my brow about building plans now,
For all of my money is spent
And my home's an Arcadian
Second Crusadean
Pink-Lemonadean tent!

—Author unknown

LONG RANGE SCHEME: Public relations programs continue to be featured on chapter agenda. Among the most energetic and far-reaching outlined for 1951 is that of the Pasadena Chapter. Its objectives include the extension of publicity to gain coverage in "every newspaper in our territory if a member lives or works there"; institutional advertising on a wide scale (the costs to be covered by private donations rather than dues until the program has been tried for a year or two); and a campaign to start with junior high school students, acquainting them with the meaning of architecture and the architect's importance to society. This last aim was described in a recent chapter bulletin as the longest-range job to be tackled, the one likely "to do the profession the most good."

LEGAL WATCHDOGS: At a recent Brooklyn Chapter meeting attorney Nathan Walker roused members to action against violators of the architectural registration laws of the State. "The public," he admonished, "has a right to be safeguarded at all times by the learning, skill and integrity of architects, and anyone who interferes with that right should be stopped in his tracks. It is up to the architects to stop shirking their responsibility to the public by replacing their apathy with aggressiveness in their efforts to extinguish these illegal practices. Unless the flame is extinguished, the entire professional structure may burn."

ARCHITECT



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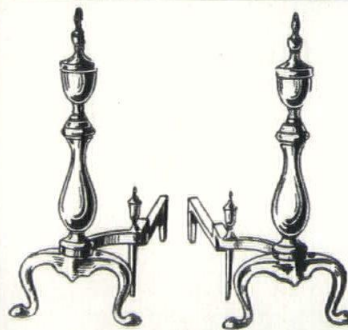


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PRECAST CONCRETE — PROTECTION AGAINST ATOMIC BLAST

The American Concrete Institute's 47th Annual Convention held in San Francisco, Feb. 20-22, devoted one technical session to the latest developments in pre-cast concrete construction.

Precast concrete can be used to provide protection against atomic blast, as A. Amirikian, Head Designing Engineer, Bureau of Yards and Docks, Dept. of the Navy, Washington, D. C., explained. The technique is suitable for new construction as well as being adaptable to existing structures by providing them with a protective shell. Detailed description was given the assembly and arrangement of precast framing elements to form buildings and shelters.

Plans are being made to present an analysis of anticipated resistance of such structures to blast pressures.

Reinforced concrete floors and roofs for offices, school buildings and apartments are being made of precast blocks assembled to form a joist or slab, also of precast joists with precast filler blocks. The high cost of carpentry has brought about this successful attempt to eliminate most of the previously required formwork. Professor F. N. Menefee, Dept. of Civil Engineering, University of Michigan, presented a paper describing the latest developments in these precast floor units.

A. G. Streblow, President, Basalt Rock Co., Inc., Napa, Calif., described the manufacture and use of precast structural elements. Otto Safir, Marwell Construction Co., Ltd., Vancouver, B. C., Canada, discussed the application of precast concrete to warehouse, garage and retaining wall construction.

With the increasing use of precast elements, new construction techniques have emerged. One of these is tilt-up construction. F. Thomas Collins, consulting engineer, San Gabriel, Calif., presented the latest developments in this field, as well as recommended construction methods.

WOOD AS CONCRETE REINFORCING

Tests of concrete reinforced with wood instead of steel is reported from Hungary. These tests conclude that wood can be used effectively as a reinforcing material and that decay of properly embedded wood is not probable. Other conclusions reached are that wood reinforced, pre-cast concrete is less breakable under pounding than steel reinforced concrete, that wood for such purpose should be pre-soaked and, to prevent decay, the concrete should be one and a half times the thickness of the wood.

THINGS YOU MAY NOT KNOW . . .

The walrus uses his large tusks to mow down or tear aside the great fields of seaweed among which he finds his shellfish prey. They also enable him to clamber up on blocks of ice and climb upon rocks and icebergs. Occasionally they are used as weapons of defense.

* * *

As the rabbit is an animal of flight its ears are large and turned backwards, the better to hear the sounds behind him. Most animals of prey have their ears standing forward, so they can better hear the sounds before them.

* * *

The beak of an unhatched bird is covered with a horny excrescence which allows it to chip the hard surface of the shell. This falls off shortly after the young bird emerges.

ECHOES FROM THE SOUTHLAND

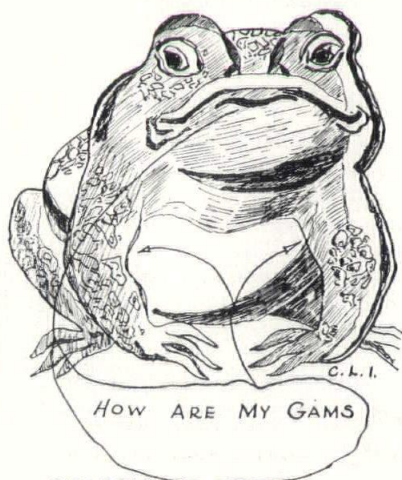
It is fine to be able to travel in the early spring and to be on good speaking terms with nature's creatures



KENTUCKY

C.L.I.

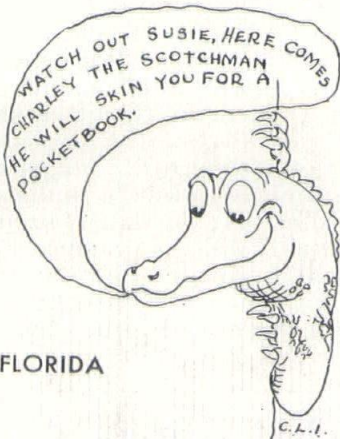
along the way. However, it is very unfair or even cruel for an architect so fortunate as to be able to follow the sun to remind his less fortunate



GEORGIA

stay-at-home friends of his good fortune by post cards of large fish, beautiful flowers and ravishing beauties.

One of such fortunate architect prepared some original sketches as he and the Mrs. went along for his stay-at-home friends. They speak for



FLORIDA

themselves and for C.L.I., the traveler who has been "architecting" around Broad and High for more than fifty (yes, 50) years. Well Charley, "how about bring home some fish"?

ARCHITECT



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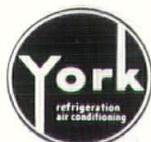
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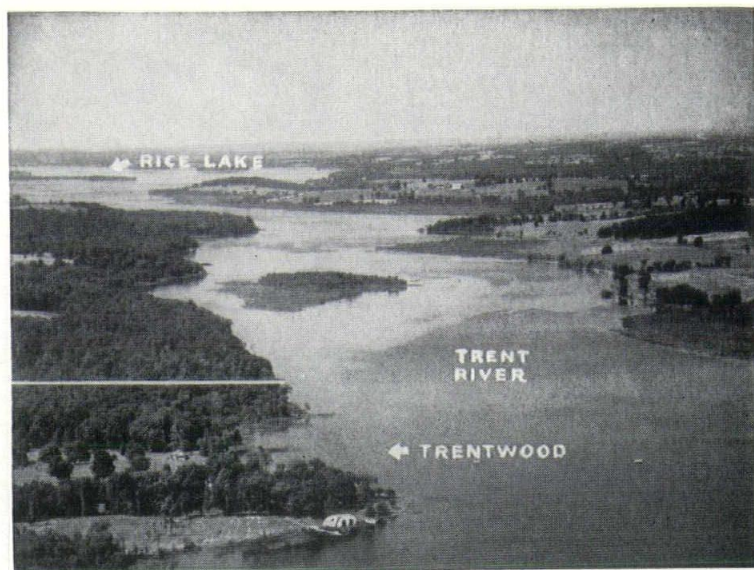
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Copies of the new basic building code of the building Officials Conference of America, Inc., are now available. The code was adopted by the BOCA after five years of study by a group of 90 building officials. The Foundation was formed in 1946 to help standardize building codes throughout the United States. Copies of the new code may be obtained from George E. Strehan, correlator at BOCA headquarters, 51 East 42nd Street, New York 17, N. Y. Price of the cloth bound copy is \$6.50, and that of a paper bound volume is \$5.00. Copies of the Abridged Building Code for smaller cities can be obtained at the same address for \$3.00 and \$4.50 per copy.

119 TAKE ARCHITECT EXAMS

A record number of 119 took the March Examination conducted by the Ohio State Board of Examiners of Architects at Ohio State University, according to Ralph C. Kempton, Executive Secretary. The Board met in Columbus April 13-14 and began work on the lengthy process of grading the papers submitted for licenses to practice architecture. The results of the examination will be announced in the later part of May. The next examination will be conducted by the Board is scheduled to start September 17. The office of the Board of Examiners is located in the Lincoln-Leveque Tower.

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FHA FACES SUSPENSION ON LENDING

Federal Housing Administration may have to suspend lending operations next month unless Congress gives the agency new authority to guarantee home loans, writes William Kedwin of International News Service.

FHA officials reveal that only about \$350,000,000 remains to be committed for lending and this will be exhausted in May, due to continued high level construction of new homes.

The threat of a suspension develops from the action of the Senate banking and currency committee which has dropped FHA operating provisions from the defense housing bill.

Congress was originally asked for \$3,000,000,000 to carry on defense housing and the Government's regular housing program. The committee, however, scaled down the amount to \$1,500,000,000 and eliminated funds covering the activities.

Officials of the National Association of Home Builders say they are worried over the effect of this development on housing production later this Spring.

FHA, however, has no immediate plans to make a special request to Congress to correct the problem although it needs \$2,000,000,000 to continue lending until January, 1953.

After that date, officials believe the program will become self-sustaining from mortgage insurance fees paid into FHA's revolving fund. Additional lending authority, therefore, will not be needed beyond the pending request.

For the present, FHA officials say they are hopeful Congress will act in time to prevent any dislocation in the program.

WINNERS IN ARCHITECTURAL CONTEST ANNOUNCED

Cincinnati Architectural Society held their April 24 meeting at the Edward M. Berry Memorial, Oxford, O., and results of the Annual Award Competition were announced. This year's competition was confined to a Junior Class Project, for architectural students at Miami University.

Judges in the contest were Dr. Leicaser B. Holland, Dean of Applied Arts, Miami University; Russell S. Potter, Tyler & Potter, architects, and Frederick H. Kock, architect of Krukemeyer & Strong & Associates. Mr. Koch presented colored slides, sketches and talk on his recent trip to Central America. The GAS dinner was held at "The Huddle" in Oxford. The trip to Oxford was made by a chartered bus.

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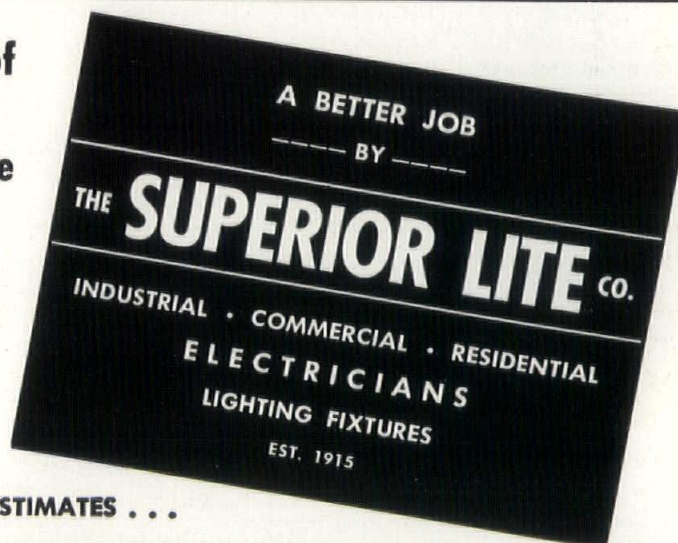
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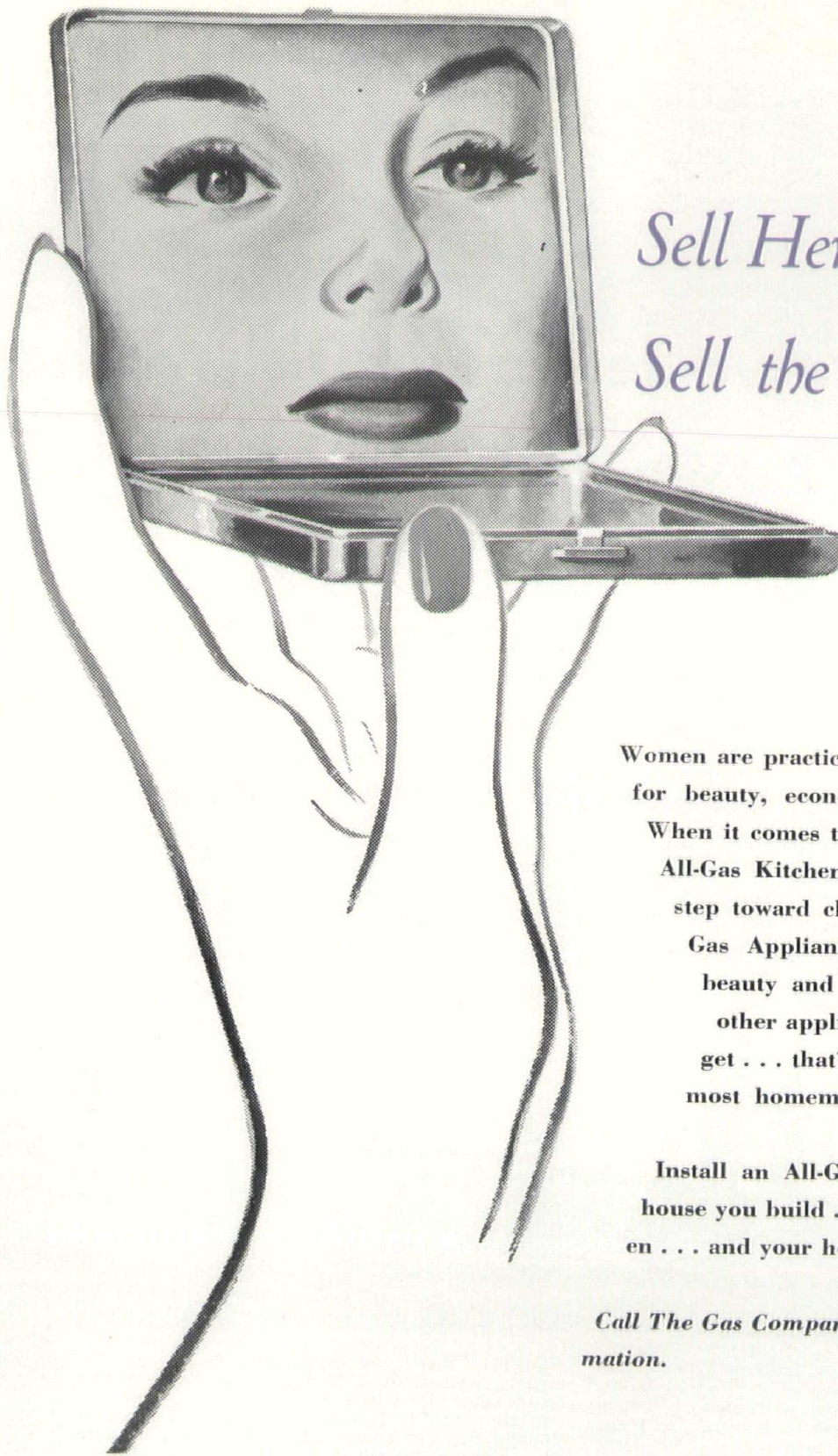
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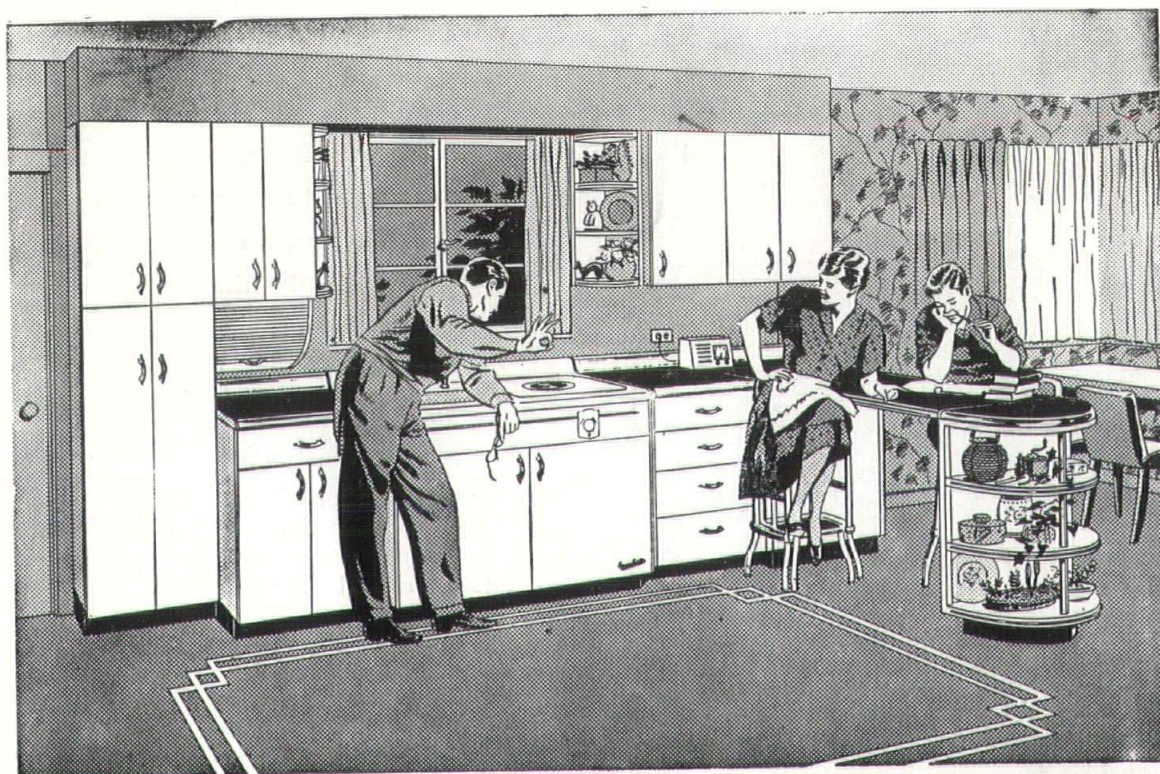
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signed to meet the needs and desires of the modern housewife. Every improvement in this Dishwasher is based on exhaustive research and thorough test. The architect who specifies Youngstown Jet-Tower Dishwasher can be sure he is pleasing his client or prospective customer. So it pays to keep your eye on Youngstown.

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