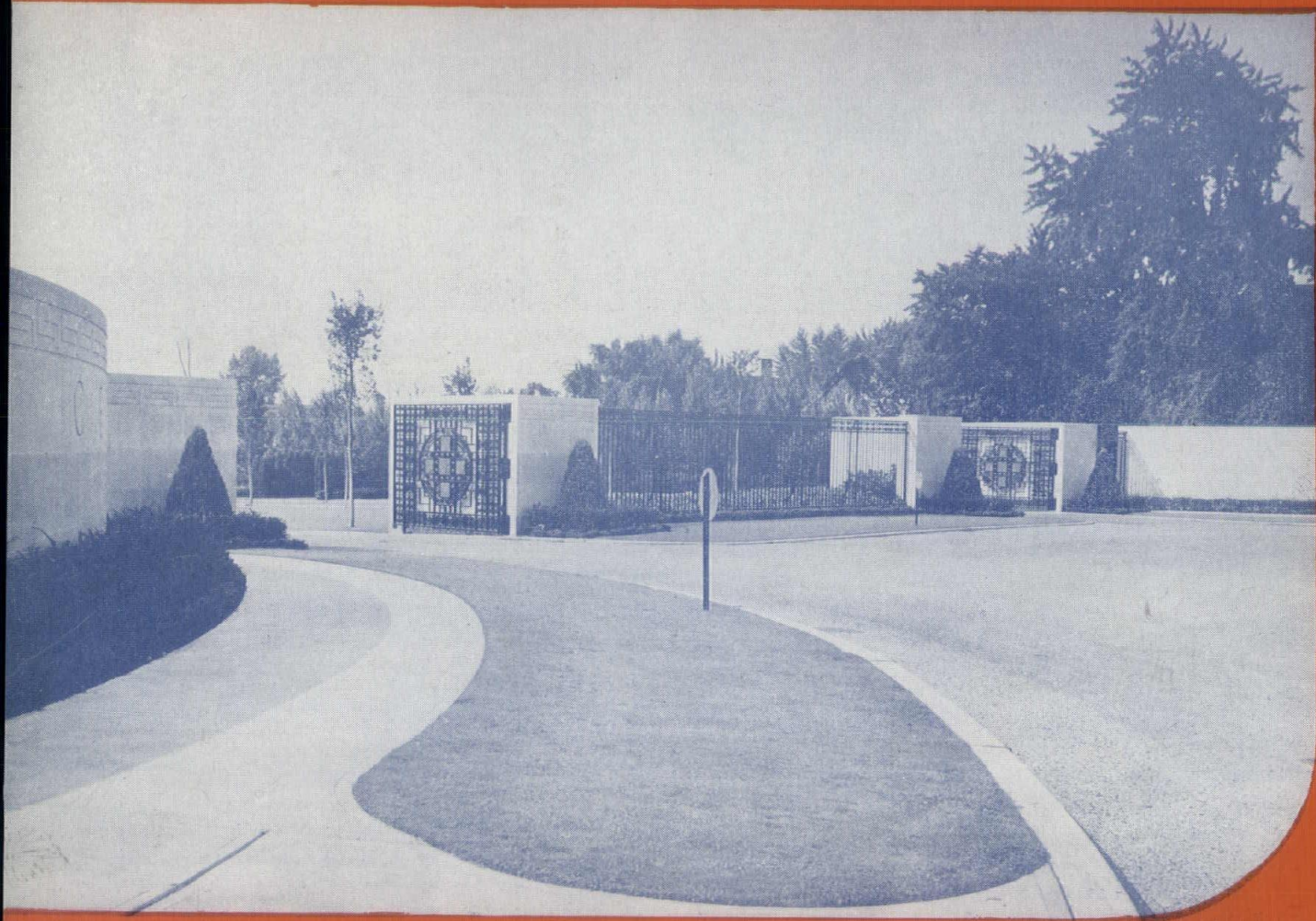


OHIO ARCHITECT

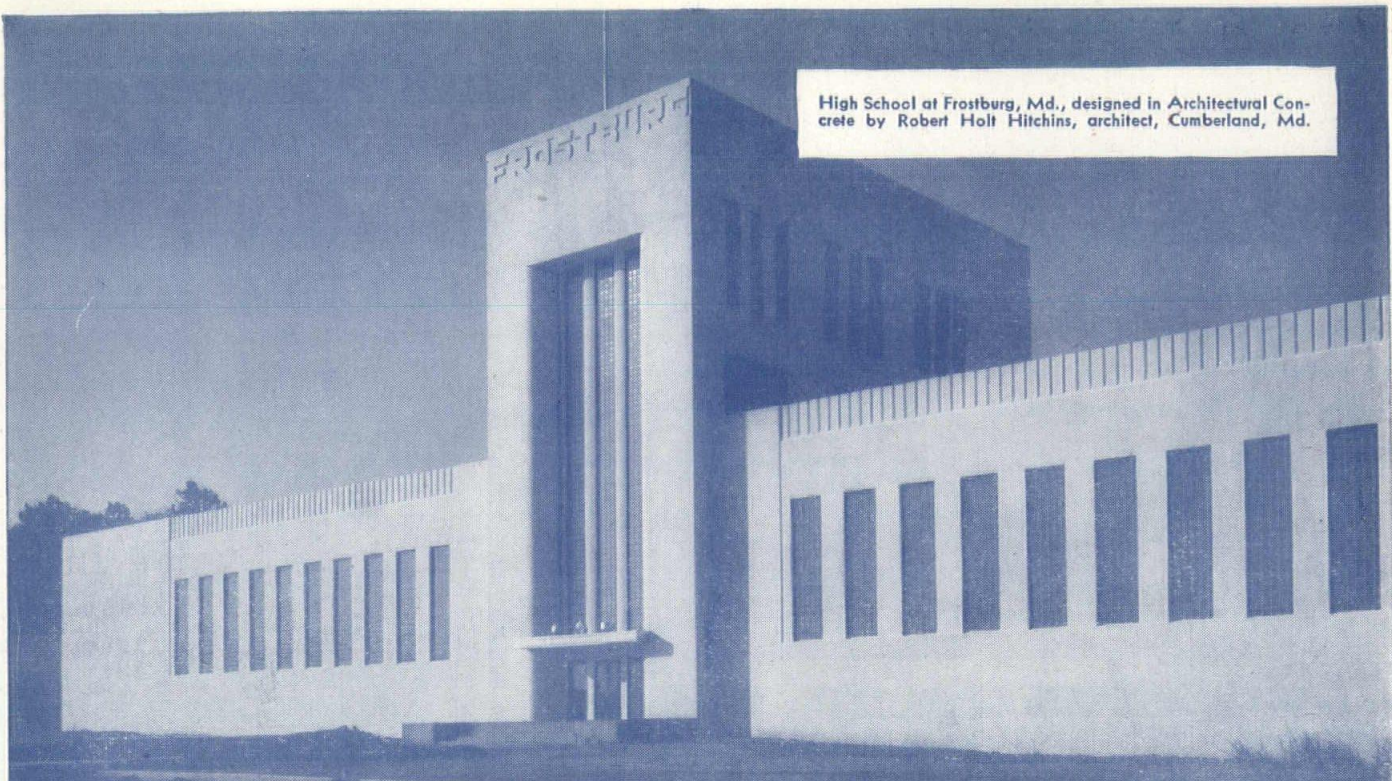


SEE PAGE EIGHT FOR CAPTION ON ABOVE ILLUSTRATION

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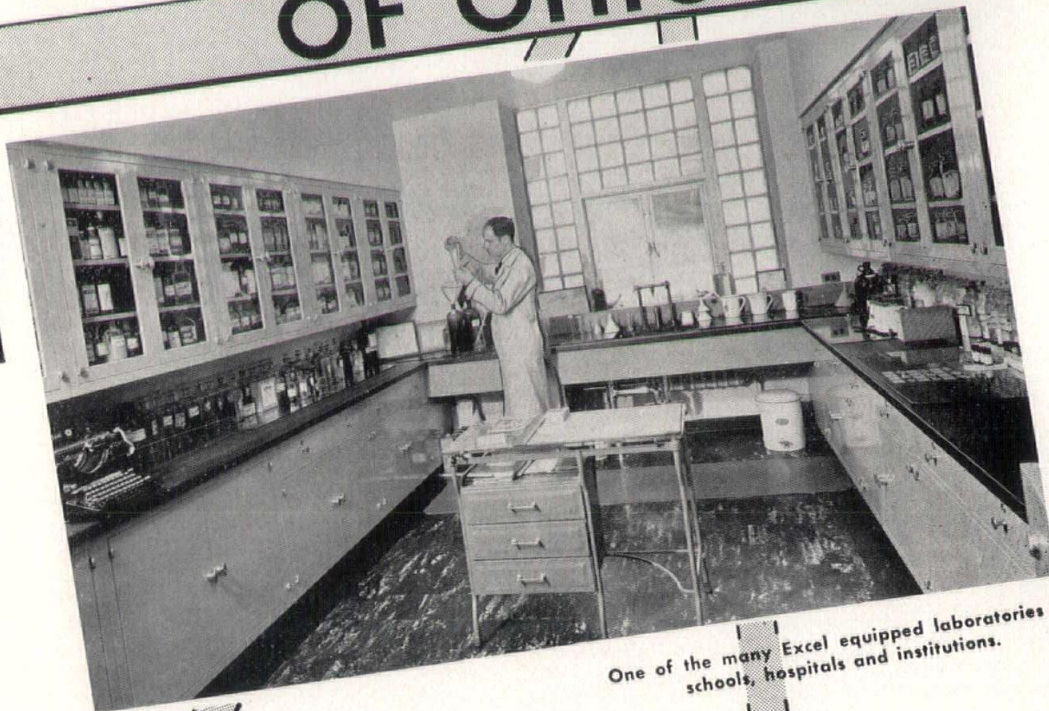
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OHIO ARCHITECT

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Association Member of the American Institute of Architects

Volume One

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Number Four

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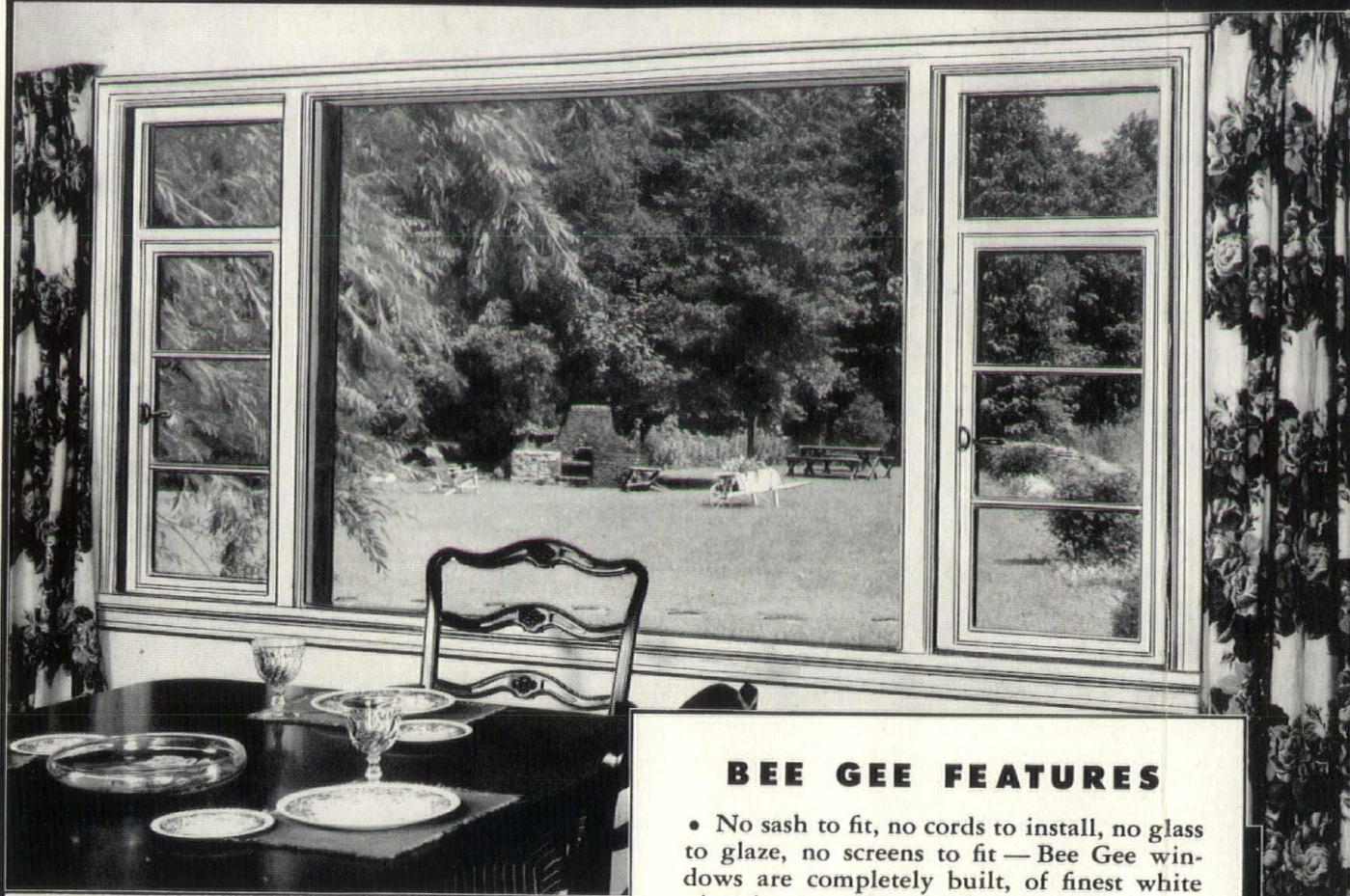
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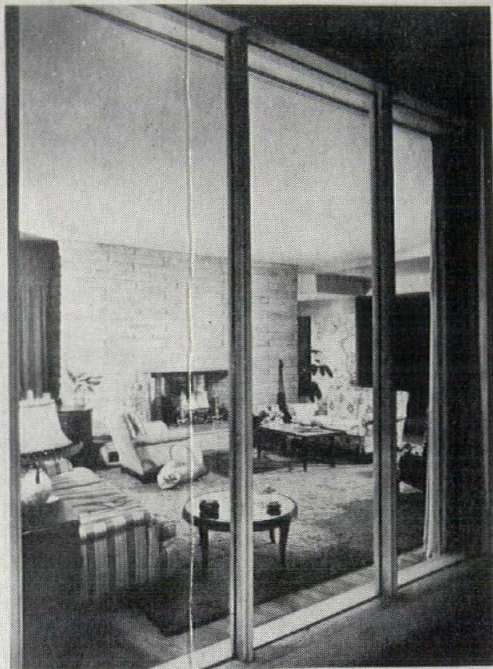
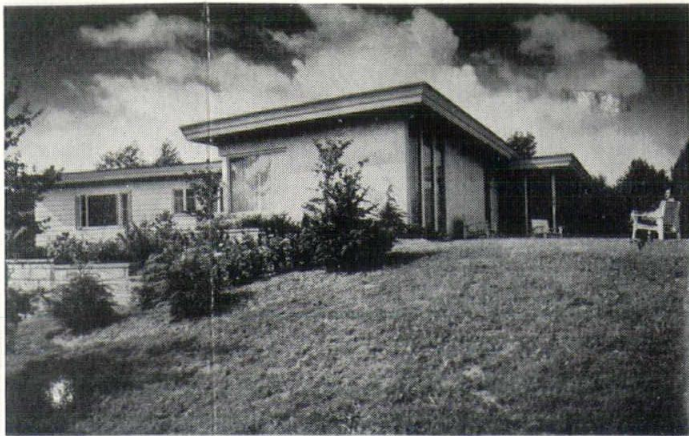


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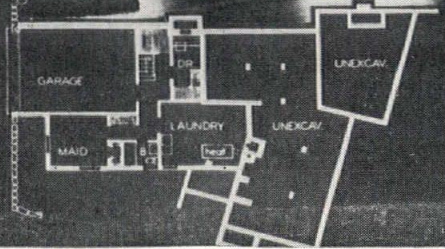
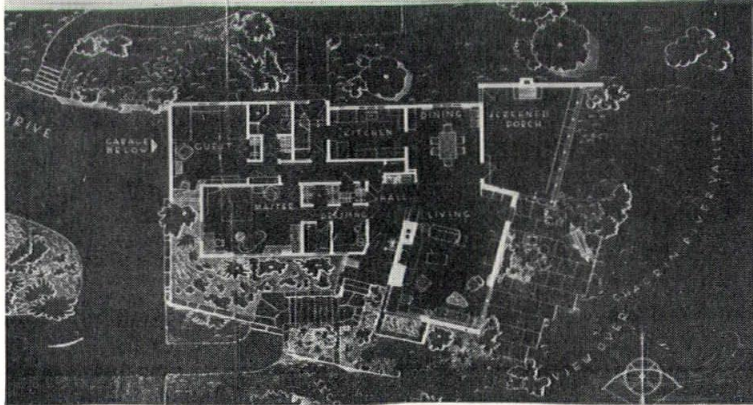
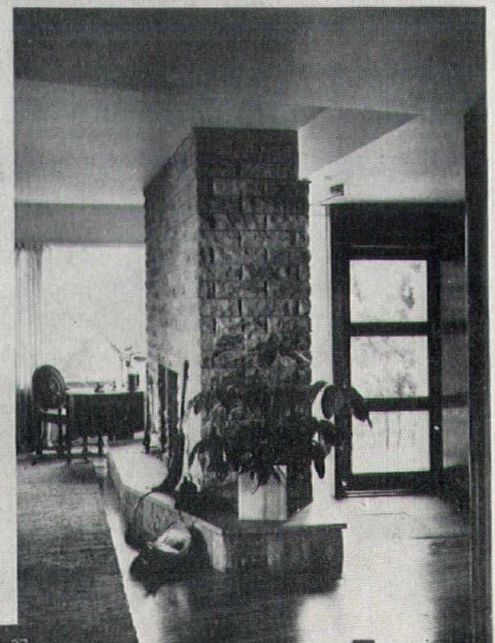
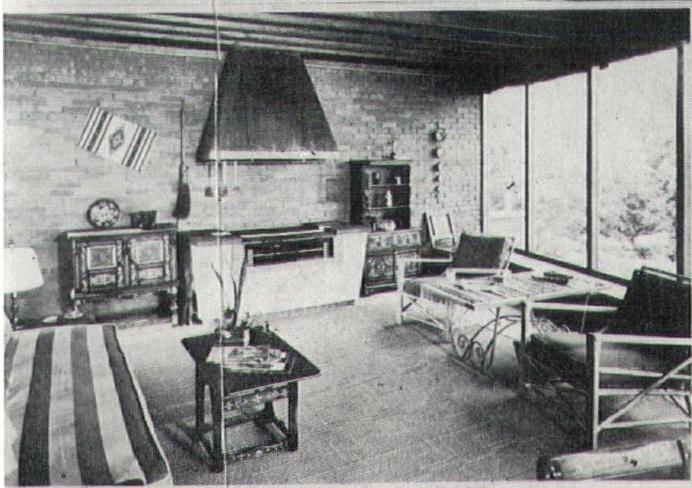
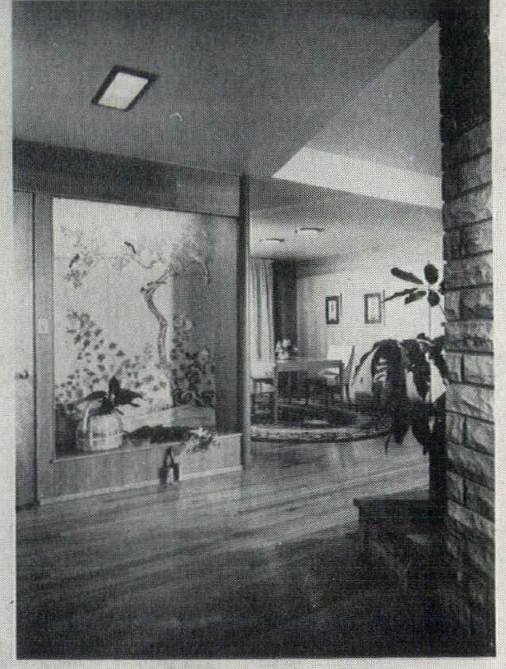
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1948

COMPETITION PROGRAM

1948

General

The Competition Committee of The Architects Society of Ohio announces a Competition to be held in connection with the Annual Meeting of the Society to be held this year in Dayton on Friday, the 24th, and Saturday, the 25th of September, 1948. Architects residing in Ohio eligible to compete under the rules and regulations of the Competition are invited to submit illustrations of completed work.

All entries will be judged by a jury of three architects not residing in Ohio, the A. S. O. reserving the right to withhold the award in any class which in the opinion of the jury is not represented by an outstanding building.

The classification of entries shall be as follows:

Class No. 1—Single family residences of 30,000 cubic feet or less.

Class No. 2—Single family residences of more than 30,000 cubic feet.

Class No. 3—Multi-residential—hotels, apartment buildings, etc.

Class No. 4—Institutional—hospitals, homes and institutions of detention or correction.

Class No. 5—Ecclesiastical, social and fraternal—churches, clubs, lodges.

Class No. 6—Educational—schools, libraries and museums.

Class No. 7—Commercial—office buildings, stores, bank buildings, theatres, garages, telephone exchanges, etc.

Class No. 8—Industrial—factories, power plants, etc.

Class No. 9—Public buildings—fire houses, police stations, city halls, court houses, etc.

Class No. 10—Farm buildings—farm residences not the rural home of an urban worker, stock and dairy buildings, poultry buildings, etc.

All entries in each class will be judged as a group and one submitted in each class premiated.

Three prizes consisting of medals struck for the occasion will be awarded to the premiated design which in the opinion of the jury is outstanding among the premiated designs in each of the following classification groupings: No. 1, No. 2 and No. 3; No. 4, No. 5 and No. 6; No. 7, No. 8, No. 9 and No. 10.

The awards will be announced following the dinner at Miami Hotel on the evening of September 24, 1948. Certificates of medal award and class premiation will be presented to the architects of designs receiving such awards or premiations with copies to the building owners.

Rules and Regulations of the Contest

1. All entries which comply with the following conditions will be publicly displayed at the meeting.
2. Architectural firms, all members of which are registered architects residing in Ohio, and individuals re-

siding in and registered as architects in Ohio, are eligible to compete; the latter classification, including individual registered architects in Ohio employed on a wage or salary basis by firms or partnerships of registered architects in Ohio.

3. Entries must be confined to photographs of buildings designed by the registered architects or firms submitting and completed since 1938 and no building shall be submitted to this competition which has received a prize or mention in a previous State Convention competition, conducted by this Society.
4. Entries are restricted to one in each classification for each individual or firm as described in paragraph 2.
5. Entries will be judged on the basis of originality of conception and general excellence of design; and all competitors agree that the decisions of the judges shall be accepted as final.
6. No entry will be exhibited or considered for judgment unless the competitor submits it in the following manner:
 - (a) The competitor shall submit a sufficient number of mounted photographs to adequately explain the project illustrated. At least one 8" x 10" photograph shall show a general view. The size and number of other photographs are left to the discretion of exhibitors except that no photograph shall be larger than 8" x 10". All prints shall be glossy.
 - (b) Black line drawings on white paper photostat or black line prints may be used to illustrate floor plans, each of which shall bear a graphic scale.
 - (c) The cubic footage of entries submitted in classifications (1) and (2) shall be computed according to the A. I. A. standard method of computation of total cubage clearly indicated by diagram.
 - (d) Competitors are requested to submit photographs and floor plans mounted in vertical composition on one 20" x 30" mount.
 - (e) The competitor shall plainly mark the front of the mount with the nom-de-plume or symbol.
 - (f) Accompanying each entry there shall be a sealed envelope bearing on its face his nom-de-plume and containing on the inside his typewritten name and address and a repetition of his nom-de-plume or symbol. The competitor shall also indicate on the face of the envelope the classification in which the entry is to be made.
7. All entries must be mailed, postage prepaid, or delivered, with the words "Architectural Competition 1948" clearly printed on the package, so as to arrive at the Miami Hotel, Dayton, not later than Wednesday, September 22nd directed to Robert Buettner, in care of the Hotel.

(Continued on page 8)

1948 COMPETITION PROGRAM

(Continued from page 7)

8. No risks are assumed in handling the entries at Dayton except that reasonable care will be exercised. The sponsors, unless otherwise instructed, will pack and return all entries C. O. D. to the respective competitors after the judgment.

CONVENTION COMPETITION COMMITTEE

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A.I.A. DOCUMENT No. 239

(Excerpt from)

Cubic Contents of Buildings—A Standard Method of Calculation and Form of Statement

DEFINITION OF "STANDARD CUBIC CONTENTS":

The cubic content (cube or cubage) of a building is the actual cubic space enclosed within the outer surface of the outside or enclosing walls and contained between the outer surfaces of the roof and six inches below the finished surfaces of the lowest floors.

INTERPRETATION:

The above definition requires the cube of dormers, pent houses, vaults, pits, enclosed porches and other enclosed appendages to be included as a part of the cube of the building. It does not include the cube of courts or light shafts, open at the top, or the cube of outside steps, cornices, parapets, or open porches or loggias.

NOTE: For the purpose of this competition, 50 per cent of the cubic content of open porches measured from outside face of wall, outside face of columns, finished floor line and finished roof shall be included as a part of the limits stated for classification (1) and (2).

On Our Front Cover This Month

and on page six of this issue we show some prize winning designs of the 1947 competition. On the cover is shown the Entrance Gateway to Calvary Cemetery, Cleveland, by John E. Miller of Miller and Voinovich, Cleveland, winner of Premiated Class No. 5. On page six are shown views and plans of the McConnell Residence at Solon, Ohio; medal winning designs of Ernst Payer of Cleveland. Information on the 1948 competition may be found in the article on page seven of this issue.

A.S.O. TO SUBMIT OWN CONTRACT FORM

The regular bi-monthly meeting of the Executive Board of the Architects Society of Ohio was held in the comfortable surroundings of the Shady Hollow Country Club near Massillon, Ohio, on July 29th. Officers and Directors present were: Russell S. Potter, Cincinnati, President; C. Curtiss Inscho, Columbus, First Vice-President; George S. Voinovich, Cleveland, Second Vice-President; Carl C. Britsch, Toledo, Third Vice-President; Trefon Sagadenky, Cuyahoga Falls, Treasurer; John F. Suppes, Akron, Past President; G. Byers Hays, Cleveland, Director; Michael B. O'Shea, Toledo, Director; John N. Samuels, Youngstown, Director; John W. Hargrave, Montgomery, Secretary.

At its 1947 convention in Akron, the Architects Society of Ohio tabled any action on a new contract form which its Committee on Professional Practice had prepared, pending revision of the national A.I.A. forms. There having been no action on such changes at the A.I.A. convention in Salt Lake City, the A.S.O. Board will present the Society's proposed contract form to the delegates at the 1948 annual meeting in Dayton with its recommendation for adoption. Already approved by all six chapters, the document meets conditions of Ohio laws not covered by the national document.

The Board also authorized its Committee on Professional Practice to cooperate with a similar committee of the Ohio Society of Professional Engineers for establishing a recommended minimum fee schedule for the consideration of the Ohio State Board of Control in awarding architectural or professional engineering contracts for public works. Mr. George Marshall Martin, Cincinnati, is chairman of the Architects' committee, and Mr. B. W. Cornelius, Columbus, is chairman of the Engineers' committee.

Noting that very little is being accomplished at present toward writing a new state building code, the A.S.O. executives went on record to indicate their willingness to assist and encourage any legislative effort to write a new code.

CONVENTION PREVIEW

By RALPH W. CARNAHAN, *Convention Chairman*

Plans are moving along for the joint meeting of the Great Lakes District Seminars and the Fourteenth Annual Convention of the Architects Society of Ohio.

For the seminars, 1800 questionnaire cards have been mailed to all architects in the Great Lakes District to ascertain the most desired subject matter for the various seminars.

The Competition Program appears elsewhere in this issue of the "Ohio Architect." The judges are now being selected and we assure you that we will have a highly competent jury.

Within two or three weeks, you will receive, by mail, separate Seminar and Convention programs and full information concerning hotel accommodations and rates. We haven't overlooked a two day program for the ladies.

This is Dayton's first occasion as host to the Annual Convention. We want it to be a big success and we are not overlooking the lighter side in order that you may have a little fun too.

The Miami Hotel ballroom is completely air conditioned. It will seat six hundred and, in my usual optimistic manner, I expect to see it filled to capacity for the combined Seminar-Convention sessions.

SUN LOAD PROBLEMS

By GLEN R. BODENHORN, Avery Engineering Co.

At its surface the sun temperature is (approximately) 10,400°F. The sun's rays travel earthward through 93,000,000 miles of nothing, stratosphere, substratosphere, and earth's atmosphere, (consisting of air, dust, and moisture). * How hot is the sun ray when it reaches the earth's surface? People speak of such temperatures as "90° in the shade," "100° in the shade" or after a trip through the desert, "125° in the sun." But these are just temperatures to which the sun's rays have warmed the air, and are not the real sun load problem.

Physicists compute the theoretical sun temperature on the earth's surface at about 230°F, less 15° - 20° due to absorption by dust and vapor. Fifty-one percent of the sun's energy is heat. When the sun ray strikes a non-transparent object, it is converted into heat. Some of the heat is reflected—some absorbed. Some colors reflect more sunlight, (and heat) than others. That is why asphalt gets soft and tar roofs leak in hot weather. Temperatures are trying to get up to the 200° mark—far above the summer air temperature of 90° to 100° which most people think of as being the problem.



Glen R. Bodenhorn

The heat load with which the air conditioning engineer must cope is, in general, the sum of these five components:

1. Normal heat transfer through walls, windows, roofs, etc.
2. Transfer of solar radiation through walls, windows, etc.
3. Heat emission of occupants.
4. Heat of infiltration or ventilation air.
5. Heat emission of lights, appliances, etc.

Items 1, 3, 4, and 5 are definite and are easily determined. Item 2 (solar load) is not only a large and important load, but also one which frequently is hard to evaluate properly. For example, many different wall constructions are used, and each type has a different characteristic as to transmitting, reflecting and absorbing sun heat. Other complications affect solar heat loads from the air conditioning standpoint. A masonry wall stops the sun in the afternoon, but the heat is stored up and continues to come through. A large part of such heat passes into the room at night. Walls and roofs should be thoroughly insulated if spaces are to be economically and efficiently air conditioned.

Effective Shading Is Needed

Just as the greatest winter heat loss in properly insulated buildings is through the windows, most of the summer heat enters those buildings the same way. Often, UP TO 75% OF THE SOLAR HEAT LOAD ENTERS THROUGH THE WINDOWS. Window glass can be shaded with various devices, each having its own characteristic limitations, and having a MEAS-

URABLE value. The table printed here shows the relative values of the various types of shading device as measured in the laboratory.

Solar Heat Gains Through Windows. (In percent of that through bare, unshaded single glazed windows. Figures are in excess of Air to Air conduction.)

| | |
|--|-------|
| Bare Window | 100% |
| Green Roller Shade | 95.1% |
| Double Glazed Window, plain glass | 92% |
| Venetian Blind, (aluminum color) | 74% |
| Heat Absorbing Glass, single | 68% |
| Double glazed Window, one plain glass and one heat absorbing glass | 62% |
| Venetian Blind, louvers at 45° | 60.6% |
| Aluminum and Buff Shade | 45% |
| Outside Venetian Blind, (Venetian type awning) | 39% |
| Canvas Awning | 33.8% |
| Shading Screen | 30% |
| Period tested 1 P. M. to 7 P. M. Same figures apply 5 A. M. to 11 A. M. During the two hour period from 11 A. M. to 1 P. M. Shading screen admits 7.1% | |
| | 7.1% |

When you consider that unshaded glass windows on the east or west side of a building transmit up to 211 BTU per square foot per hour when the sun is at mid-summer heat, you will realize the importance of shading as a component part of an economical and successful air conditioning system. Using "shading screen" shows an over all saving of about 70% in solar heat transmitted. This means an average saving of approximately one ton of air conditioning cooling load for each one hundred square feet of window glass so shaded, or the cooling equivalent of one ton of ice. In offices, buildings and residences having large glass areas, this often means the saving of 20% to 50% in cooling capacity of the plant required and an even greater saving in operating cost.

Zoning Problem

The air conditioning engineer who designs a system to take care of the solar load must not only allow capacity as required, but must provide zoning. Obviously, a system which is providing good cooling on the west side of a building in the afternoon, must be separated from its counterpart on the east side. With sun exposure on both sides at corners there is an even greater need for separate zoning. An office or other space which has unshaded glass exposures on all four sides may require four to six zones, and a very much oversized cooling system. A person working near a sun exposed, unshaded glass or glass block area is heated by a warm panel, and needs much lower cooling temperatures from the air conditioning system, than does his neighbor who is working at a distance away from the warm panel.

A word of warning is in order here with reference to the use of inside blinds as a means of sun protection. From the standpoint of light control, venetian blinds can be used if the louvre angle is changed from time to time to allow for change in the sun's position. But the sun's rays, passing through the window, strike the blind and are converted into heat. Only a small part of this heat is reflected or re-radiated back through the window. The blind absorbs the heat, acts like a low temperature

(Continued on page 10)

* Solar energy reaching the earth is about equivalent to that of burning 100,000,000 tons of soft coal a MINUTE.

SUN LOAD PROBLEMS

(Continued from page 9)

panel heater, and radiates its heat into the room. Put your hand on the next metal inside blind you see, on which the sun is shining. If it feels almost too hot to hold your hand on, its temperature is probably about 150°F. Up to 92.9% of that absorbed heat, which is being radiated into the room could have been excluded with shading screen. Inside venetian blinds are of little help to the air conditioning engineer.

In considering its use, you want to know just how much heat can be kept out with shading screen. The following table was compiled from figures taken from Pittsburgh Testing Laboratory report No. 194539, which was a study of shading screen made for the Ingersoll Steel Division of Borg-Warner Corporation. Air conditioning engineers use this table as the basis of cooling load calculations in latitude 40° North; (Ohio, Indiana, Pennsylvania, Southern New York, etc.) Data are based on sun time.

| DATA FROM PITTSBURGH TESTING LABORATORY | | | | | | | | | |
|--|---|------|------|------|-------|--------|--|--|------|
| FROM CALCULATIONS BASED ON ACTUAL TESTS | | | | | | | | | |
| Solar Radiation Transmitted Through Windows Equipped with Shading Screen | | | | | | | | | |
| For 40 deg. Latitude, on July 21st | | | | | | | | | |
| All figures given represent B.t.u. per sq. ft. per hour. | | | | | | | | | |
| TIME→ | SOLAR RADIATION | NE | EAST | SE | SOUTH | | | | |
| 6 AM | Intensity Incident to Vertical Surface (1) | 72 | 80 | 40 | | | | | 6 PM |
| | Transmitted thru Window with Shading Screen (2) | 33 | 38.5 | 13 | | | | | |
| 7 AM | Intensity Incident to Vertical Surface | 143 | 180 | 112 | | | | | 5 PM |
| | Transmitted thru Window with Shading Screen | 38.5 | 60.5 | 22 | | | | | |
| 8 AM | Intensity Incident to Vertical Surface | 143 | 211 | 155 | 8 | | | | 4 PM |
| | Transmitted thru Window with Shading Screen | 17 | 42.5 | 20.5 | 0 | | | | |
| 9 AM | Intensity Incident to Vertical Surface | 104 | 192 | 168 | 46 | | | | 3 PM |
| | Transmitted thru Window with Shading Screen | 8 | 22 | 17 | 2 | | | | |
| 10 AM | Intensity Incident to Vertical Surface | 46 | 143 | 156 | 77 | | | | 2 PM |
| | Transmitted thru Window with Shading Screen | 1.5 | 11.5 | 13 | 4 | | | | |
| 11 AM | Intensity Incident to Vertical Surface | | 75 | 121 | 95 | | | | 1 PM |
| | Transmitted thru Window with Shading Screen | | 3.5 | 8.5 | 5.5 | | | | |
| 12 M | Intensity Incident to Vertical Surface | | | 73 | 103 | | | | 12 M |
| | Transmitted thru Window with Shading Screen | | | 3.5 | 6 | | | | |
| | | NW | WEST | SW | SOUTH | ←TIME↑ | | | |
| (1) Data from the A.S.H.V.E. Guide 1940. | | | | | | | | | |
| (2) Figures represent Solar Heat Gain in EXCESS of heat gain by conduction through window glass. | | | | | | | | | |

Typical air conditioning jobs using shading screen, and estimated saving in refrigeration through shading:

| | | |
|---------------------------------|------------------------|----------|
| Sheffield Gauge & Cimatoool | Dayton, Ohio | 10 tons |
| General Electric Company | Circleville, Ohio | 7 tons |
| Cincinnati Milling Machine Co. | Cincinnati, Ohio | 90 tons |
| Cleveland Worm & Gear Company | Cleveland, Ohio | 7½ tons |
| Wright Aeronautical Corporation | Lockland, Ohio | 179 tons |
| City National Bank | Columbus, Ohio | 5 tons |
| Firestone Tire & Rubber Company | Akron, Ohio | 34 tons |
| Central Greyhound Lines | Cleveland, Ohio | 14 tons |

Use of Shading Screen in Solar House Design

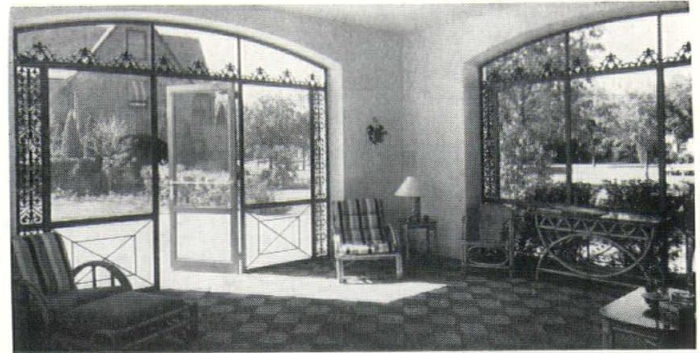
Large glass areas are planned for the solar house. These beautiful windows reach out and draw in sun-light and sun heat. When the sun is low in the winter, this extra source of light and heat is very welcome. As the sun mounts higher in late spring the need for extra heat is lessened and shading is needed to keep out the rays which were invited in during the cold winter months. This shading may be accomplished in one of four ways:

1. The overhanging roof; an attractive component of the design.
2. Landscaping; attractive, but how to get what you want, where and when you want it.
3. Awnings; not usually harmonious with design, and a maintenance nuisance.

4. Shading screens; providing inexpensive protection for the entire window at any level whenever needed. Eliminate need for awnings and insect screen, and do not alter correct architectural design.

Shading Screen for the Porch

Most screened porches use a cement or stone slab as a floor. During hot summer days the sun's rays pass through ordinary screen, strike the floor, floor covering or furniture and are absorbed—converted into heat. The heat is stored and increases so long as the sun shines



on the porch, and it becomes many degrees hotter than the outside air. Shading screen will not keep the air on the porch cooler than the outside air, but it will keep it cooler and more comfortable than if the sun's rays were permitted to pour heat into floor slab, walls and furniture.

Shading Screen for the Apartment House

Many apartment house owners and builders have found it advantageous to use shading screens in sun exposed windows. They are expected to provide either an insect screen *plus* a venetian blind, (and sometimes an awning as well) or a shading screen, with or without



an inexpensive roller shade (depending on privacy requirements). The custodian handles the shading screen instead of an insect screen, and the entire venetian blind maintenance cost is eliminated. Tenants appreciate their shading screens and it saves money for the owner.

Shading Screen for Commercial Buildings

A difficult problem, attendant upon installing a central air conditioning system in spaces located on upper floors of office buildings, is to get an adequate water supply. Often it is impossible. Then one is faced with the necessity of handling the heat load with small units which exhaust heat and moisture into the outside air and require no water for their operation. If the heat load is considerable, this type of air conditioning is very expensive unless the heat load on sun exposed windows is first greatly reduced with outside shading.

(Continued on page 11)

MY FIRST A. I. A. CONVENTION

By B. W. HUFF

Report to Eastern Ohio Chapter

The recent A. I. A. Convention at Salt Lake City was the first that I have attended. My impressions were that the affair was well organized and the entire program was executed very smoothly, even with adjustments that were necessary due to weather conditions.

As in most sessions of this nature the business transacted was principally a ratification of a great number of items which were submitted in the form of a report from the Executive Committee. The content of this report, in printed form, certainly should have demonstrated to all present that the Executive Committee as well as other Standing Committees really do the work of the Institute, and the rank and file of us (including myself) should feel indebted to these men for the time and effort they have spent in our behalf. I approve of the method used because in no other way could a convention handle so much business in even twice as much time. There were no seriously controversial items brought to the convention floor, which I think demonstrates the unity of the Institute.

The meeting of the Chapter Officers started without agenda; however the questions and discussions on Chapter problems proved to be of such interest that an adjourned session was held.

The seminars which constituted a major part of the Convention Program were on well chosen subjects and presented by well qualified speakers. Members entered into the discussions following the prepared addresses and all who attended left Salt Lake City better architects. This was, in my opinion, the exemplification of the real purpose for which the Institute exists, i. e., to improve the profession. I have always felt that any meeting of architects which did not improve those in attendance, the standing of the profession, or contribute to the welfare of the community, fails completely in its purpose.

The fellowship evidenced in the renewing of old friendships and in forming new would vie with that of any fraternal convention. Socially the program was very enjoyable, even though the ladies were disappointed in that weather caused cancellation of the Garden Party at the home of past president Raymond Ashton. The President's Reception at the Country Club was enjoyed by a capacity attendance and the Annual Dinner overflowed the large ballroom into adjoining rooms and mezzanine above the lobby of the hotel.

The Canyon Breakfast at Rotary Park in City Canyon was most enjoyable in spite of its being postponed until Friday morning due to weather.

The only disappointments that I heard expressed was by those who were unable to obtain accommodations in the beautiful Hotel Utah, and the universal desire for more time available for sightseeing in the Salt Lake City region where there is so much worth seeing.

The post-convention tour A, which we enjoyed, was very well planned and conducted with every effort made to make us comfortable. For those who may not return to the region of Cedar Breaks, Bryce Canyon, Zion National Park, Grand Tetons, Jackson Hole, Yellowstone National Park, or Beartooth Pass, they will never see more beauty and variety in so short a time. The cameramen learned where to return for the prized shots time did not afford them.

ARCHITECT

EASTERN OHIO CHAPTER NEWS

By RUSSELL ROLLER, *Associate Editor*

Canton Architects Bill Dykes, Dick Lawrence, Charles Firestone, George Foulks, with Larry Motter as chairman of their committee on arrangements, with the always hospitable aid of Messrs. Davis and Connally of The Stark Brick Company, contrived to provide the boys of Eastern Ohio and their guests, the officers and Directors of The Architects Society of Ohio, with what we hope our guests found to be, a pleasant and worth while afternoon and evening. Unfortunately some of the boys could not stay for the dinner and evening meeting, but all in all there were about forty present. Our good friend John Hargrave will probably enlighten you as to what transpired and Yours Truly will restrict his report to who was there by way of guests and the local news in rather brief manner. The A. S. O. really turned out; Architects Potter, Suppes, Voinovich, Curt Inscho, Hargrave, Britsch, O'Shea, Samuels, Sagadencky for the business of the afternoon. Charles Firestone produced some very beautiful colored slides with able elaboration covering the Firestones' trip to Central and South America. Charley probably won't appreciate our saying so, but if, you are looking for something top notch in the way of an armchair trip that doesn't cost you much you just invite Mr. Firestone to come and see you some time or maybe you had better just drop in and see him some week day afternoon and evening; he only has some six hundred slides.

Some of the lads played golf too. Lawrence, Stevens, Dykes, Davis, Firestone, Connally, Motter and Barnes received awards for their prowess but there seemed to be some question as to the merit of some of the awards if not all of them.

It was like old times to have Dave Wilson with us again. Five Counties of Eastern Ohio were represented.

Bob Beatty of East Liverpool has with some very justifiable reticence accepted the questionable invitation to be host for the September meeting. You know Bob made some arrangements once before and through no fault, other than the something or other of his fellow practitioners, Bob's efforts were all for naught except that we owe Bob some cooperation this time; so put it down in your little book: some time the third week of September.

SUN LOAD PROBLEMS

(Continued from page 10)

Summary

In general it is considered preferable when planning an air conditioning system, to reduce excessive heat gains with shading. It permits:

1. Less equipment—lower cost for original installation.
2. Lower operating cost throughout entire life of system.
3. Eliminates, or greatly reduces need for expensive zoning.
4. In event of interruption of air conditioning system, the shading screens continue to do their big part of the cooling job.

Where installation of an air conditioning system is not included in the plans for new construction, but a serious sun condition exists, proper shading is a long step toward providing a comfortable living or working condition.

ARCHITECTS' FALL EXAMINATION ANNOUNCED

The 1948 Fall written Junior examination for candidates seeking registration as architects in Ohio will be conducted by the State Board of Examiners of Architects in Columbus, Ohio, starting Monday, September 13th and ending Friday, September 17th.

Mr. Ralph Kempton, Executive Secretary for the Examiners, stated that these dates are earlier than usual because of changes in the starting of the Autumn quarter at the Ohio State University, and to avoid conflicting with the Fifteen Annual Meeting of the Architects Society of Ohio and the A.I.A. Great Lakes Seminars which are to be held in Dayton on September 23, 24 and 25.

The program of the Junior Examination follows:

| | Subject | Time Allowed |
|----------|--|--------------|
| Sept. 13 | Architectural History, 1:00 P.M.—3:00 P.M. | 2 |
| | Architectural Composition, 3:00 P.M.—5:00 P.M. | 2 |
| Sept. 14 | Architectural Design, 8:00 A.M.—12:00 Noon | |
| | 1:00 P.M.—9:00 P.M. | 12 |
| Sept. 15 | Architectural Practice and Supervision | |
| | 8:00 A.M.—12:00 Noon | 4 |
| | Structural Graphics, 1:00 P.M.—5:00 P.M. | 4 |
| Sept. 16 | Architectural Construction, 8:00 A.M.—12:00 Noon | 4 |
| | Sanitation, 1:00 P.M.—3:00 P.M. | 2 |
| | Heating and Ventilating, 3:00 P.M.—5:00 P.M. | 2 |
| Sept. 17 | Specifications, 8:00 A.M.—10:30 A.M. | 2 1/2 |
| | Electrical Work, 10:30 A.M.—12:30 P.M. | 2 |
| | Total Hours | 36 1/2 |

The Board requests that candidates make application to its office two weeks before the examination date. Application blanks may be obtained from the Board's Executive Secretary, 2750 A.I.U. Building, 50 West Broad St., Columbus 15, Ohio.

PROPOSED CLEVELAND BOARD FACES ENTRENCHED OPPOSITION

Cleveland architects and other technical groups have been seeking an amendment to the Cleveland City Charter to enable the building industry in Ohio's northern metropolis to accept new construction materials and methods as soon as they have proved sound and safe for use in that city. Emil J. Szendy, Cleveland A. I. A. Chapter member and Building Code Commissioner for the City of Cleveland, has actively supported the proposed charter amendment to create a Board of Building Standards and Building Appeals, which could have four members, an architect, a structural engineer, a mechanical engineer, and a builder. Because of his strong stand on the need for such a Board, Mr. Szendy has been singled out by opponents of the measure for personal criticism in the press.

According to the *Cleveland News*, the Cleveland Board of Zoning Appeals has officially opposed the new Board of Building Standards and Building Appeals, apparently under the mistaken impression that the new group would duplicate authority now vested in the Zoning Board. Charles J. Wolfram, prominent in Cleveland nationality groups, is chairman of the zoning group. The other members are John Rohrich, vice-chairman of the Teamsters District Council; Mrs. Norma Wulff, president of the Cleveland Board of Education; Zoltan Gombus, publisher of the Hungarian daily, "Szabadsag," and Joseph S. Kreinberg, attorney and former secretary of the League of Republican Clubs.

Mr. Wolfram said:

"The present Board of Zoning Appeals is made up of five members, each one representing a different walk of life. Since creation of the board in 1929, it has met with general approval and has been commended for its work.

"The board members are of the opinion that the present charter was intended to concentrate all types of appeals in one board of appeals.

"The Zoning Board of Appeals feels there is no need for creation of a second Board, such as a Board of Building Standards and Building Appeals, consisting entirely of professional members. It would be just as absurd to suggest that such technical experts sit, hear and determine technical questions that are submitted to our courts.

"Duties of this Board of Standards would be to test, approve, or disapprove materials, appliances and devices. Predicated upon the testimony of experts familiar with building problems, they say the Cleveland Board of Standards would not be called upon to pass on many cases for the reason that the Federal Bureau of Standards in Washington would in the first instance pass on these issues."

The opposition of the zoning authorities is unfortunate because it tends to perpetuate a hardship on the very citizen groups which the members represent. The city-charter amendment to the Ohio Constitution was intended to give charter-cities "home-rule" in all matters of local nature. One of these advantages is the opportunity to adopt new building products and practices as soon as proven safe without the special consent of the state legislature. Approval of a product by the U. S. Bureau of Standards does not automatically indicate its acceptance by Ohio codes, and any building code ever written which did not provide for continual review and up-dating by competent technical authority was obsolete on the day it became law. Hamstrung by such legal narrow-mindedness, the technical professions and the building industry in general cannot apply the new techniques to provide new housing at reasonable costs.

Of signal interest is Mr. Wolfram's statement regarding the place of technicians in establishing building standards. These are technical questions, not social problems. We are wondering if the gentleman would feel at ease sitting over a boiler room containing a high pressure boiler of new design on which he personally had passed judgment, or on the other hand, if he would consent to the abolishment of all new medical aids developed since 1922, the year when the Ohio Building Code laws were last revised?

CLEVELAND CHAPTER ELECTS OFFICERS

At its annual picnic meeting July 10, the Cleveland Chapter, American Institute of Architects, elected the following officers for the coming year:

Wallace G. Teare, President; Paul Ruth, Vice President; Ed Hodgman, Secretary; Carl Guenther, Treasurer; J. Byers Hays, A. S. O. Representative; George Harris and Joseph Ceruti, Directors.

Having a fellow architect who has a nearby country place, the Cleveland architects accepted the invitation of Frank Draz to have their annual picnic for a second consecutive year at his home. A large barn, with the floor swept clean and the lofts well filled assured shelter in case of rain, and outdoor cooking facilities whetted the appetites and thirst of the farmers for the day. Al Harris brought a big bowl of shrimp, and everyone was right on hand for his share.

Phelps Cunningham, Editor of the Cleveland A. I. A. Newsletter, bows out of that roll with the change in administration of the Chapter. He concludes his July letter with the following P. S.:

"And now, a word of advice to whoever writes the Newsletter next year. Get a good secretary that you can

(Continued on page 13)

CLEVELAND CHAPTER ELECTS OFFICERS

(Continued from page 12)

dictate to, don't hesitate to use the telephone and put down every idea you have between issues. But don't use all of the ideas; you don't dare. But maybe you could use contributors like this:"

Mr. Cunningham:

A tid-bit for the next chapter news letter. You mentioned some months ago you had an anymou—anonymous letter; well, this will be another.

Why not inaugurate a "Secretary Nite" and have the architects in town entertain their secretaries. The gals who do all the patient work in offices—let the other architects see the voices they know over the phone—doesn't it sound novel and interesting?

There isn't much left this season but perhaps it could be arranged for the next. Dinner, say, and then some form of entertainment put on by Guy and several of his helpmates along the music line. Why not even choose the "Secretary Most Likely to Succeed"; maybe the "Most Intimate-Sounding Voice"; or "The Friendliest Voice"; the "Most Efficient Telephone Voice"; the "Gayest Secretary on the 'Phone"—silly stuff to tickle everyone and the evening I am sure would be fun. What do you boys think of that one?

A shy but sly reader.

DOG DAYS IN COLUMBUS

Have you seen Noverre Musson's "Bohemian" apartment on the third floor of his new office? Don't miss it!

Bob Reeves, Jr. has always claimed that he didn't want to be a millionaire, he just wants to live like one. You could find him sailing among the 1000 Islands during the middle weeks of August.

Eugene Benham, Ralph Kempton and John Seidel were busy exchanging good American dollars for Canadian fun. Ralph, so he says, came up with a ten pound lake trout in addition to some other nice ones . . . not bad! However, he states that he did not find the Canadian snakes as accommodating as their Florida cousins were last year.

Arthur Tresselt went way up to northern Michigan only to discover that the fishing was not up to the standards of the Scioto River.

Vic Thompson, a native of Franklin County who could not keep away from Broad and Higg—was in town for the month of July. He is Associate Professor of Fine Arts and Architecture at Stanford University, Palo Alto, California.

HAD TO MOVE

The address of 584 E. Broad Street, Columbus, Ohio, carried for many years in architectural rosters, passed into history on August 1st, when the firm of Tibbals-Crumley and Mussen moved to a new location at 965 E. Broad Street, Columbus 5, Ohio.

The firm is made up of Todd Tibbals, George D. Crumley and Noverre Musson with Carl E. Bentz, registered architect, and Paul T. Ford as registered professional engineer.

The "had" applies to the fact that a used car dealer had so expanded around 584 that George and his corps of assistants had to jump from top to top to get out and in and clients could hardly find them.

My, my, how times do change—not so long ago clients were dodging architects—now its vice versa, or almost so!

ARCHITECT

HELP! HELP! HELP!

Lloyd J. Zeller and Herman T. Hunter of Springfield want four good men and promise a year's work in a new air conditioned office.

Just why they can be so optimistic as to think that there are four men (good or bad) loose in Ohio is hard to understand.

Now as to the qualification that they must be good—that's a fine dream but who can be so particular these days? However, the air conditioned office may pry one or two individuals from their stools in some of the not-so-cool, stuffy drafting rooms.

CHANGE AT OHIO STATE

Announcement has been made of the resignation (in June) of Raymond K. Thompson from the Faculty of the Department of Architecture of Ohio State University. Professor Thompson's term of service at Ohio State was relatively short but never-the-less he will be missed.

He has announced that he is opening "his office" for private practice at 402 Equitable Building, Portland 5, Oregon.

The term "his office" really means "their office" as Mrs. Thompson is a graduate architect and is also registered in the State of Oregon. Ohio's loss will be Oregon's gain.

Professor Ronan, Chairman of the Department has advised that negotiations are under way for a successor and hopes to have something definite for the next issue of the "Ohio Architect."



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ROSTER OF REGISTERED ARCHITECTS

(CORRECTED TO JULY 1, 1948)

—A—

- 935 Abendroth, Fred J., 519 City Hall, Cleveland 15
 444 Adams, John Quincy, 33-35 S. Champion Ave., Columbus 5
 1353 Adams, John Q., Jr., 1570 Hawthorne Park, Columbus 3
 547 Addams, William W., 18 Sunset Ave., Ft. Thomas, Ky.
 1181 Ahlert, William L. E., Bldg. Dept., City Hall, Cincinnati 2
 1306 Albert, Jack (Garfield) Newman-Stern Bldg., Cleveland 14
 181 Albrecht, Herman J., 512 McClymonds Bldg., Massillon
 1244 Alcox, Lawrence H. (Alcox & Stritzel) 539 E. Town St., Columbus 15
 1518 Alexander, Louis T., 77 Bank St., Waterbury 18, Conn.
 1192 Alge, Robert P., First Natl. Bank Bldg., Findlay
 255 Allan, James E., 914 Main St., Cincinnati 2
 424 Allen, Harry G. (State Arch. Office) 705 Ohio Depts. Bldg., Columbus 15
 946 Allison, Donald M., 715 Prospect Ave., Cleveland 15
 194 Althouse, William L., 683 Maple St., Mansfield
 1657 Altman, Harry W., Craig and Derrick Sts., Uniontown, Pa.
 746 Altshuld, Meyer I., 935 Parkwood Dr., Cleveland 8
 1534 Anderson, Helmer N., 5948 Midway Park, Chicago 44, Ill.
 806 Andrews, Frank T., Jr. (H. K. Ferguson Co.) E. 11th & Walnut Sts., Cleveland 15
 642 Antenen, Harry G., East Ave. and Hanover St., Hamilton
 1241 Arany, Alec J., 4439 Stansbury Ave., Sherman Oaks, Calif.
 1094 Arend, Arthur R. (Arend and Arend) 914 Main St., Cincinnati 2
 1275 Arend, William S. (Arend and Arend) 914 Main St., Cincinnati 2
 404 Armstrong, Kyle W., 144 N. Sixth St., Coshocton
 1338 Armstrong, Timothy G. (Benham, Richards and Armstrong) 167 E. State St., Columbus 15
 1153 Arrasmith, William S., 1720 Euclid Ave., Cleveland 15
 374 Austin, Ernest W., 17 S. High St., Columbus 15
 556 Ayers, Robert D. (Inscho, Brand and Inscho) 60 E. Broad St., Columbus 15
 1079 Azzarelli, Frank A., 4826 Eppes St., Houston 2, Texas

—B—

- 323 Bacon, Francis R., Western Reserve University, School of Arch., Cleveland 6
 643 Badowski, T. A. (Potter and Badowski) 3697 E. 71st St., Cleveland 5
 842 Baer, Arthur F., Cleveland Board of Education, Cleveland 14
 311 Bail, Frank W., 2230 Hendry St., Ft. Myers, Fla.
 312 Bail, Ralph E., 2230 Hendry St., Ft. Myers, Fla.
 586 Bailey, Alonzo W. (Ohio Bell Tel. Co.) 715 Prospect Ave., Cleveland 15
 537 Baker, John H. (C. F. Cellarius) 906 St. Paul Bldg., Cincinnati 2
 1125 Baker, Joseph E., 240 N. 14th St., Newark
 528 Ball, George J., 614 Met. Bldg., Akron 8
 1196 Barber, Charles L. (Patterson, H. and Barber) 519 Spitzer Bldg., Toledo 4
 548 Barber, C. Merrill, 13303 Prospect Ave., Cleveland 15
 706 Bardon, Oliver H., 529 Sycamore St., Cincinnati 2
 1132 Barnes, Paul K. (Spahn and Barnes) 12429 Cedar Rd., Cleveland 6
 1129 Barone, Pascal V., 61 Burley Circle, Cincinnati 18
 154 Barrett, Leo J., 1740 E. 12th St., Cleveland 14
 456 Baumer, Herbert, Ohio State University, Dept. of Arch., Columbus 10
 1163 Baxter, Cyrus L. (Woodward and Baxter) 3903 Oak St., Cincinnati 27
 1437 Beatty, Hamilton (Austin Co.) 16112 Euclid Avenue, Cleveland 12
 1044 Beatty, Robert F., Potters Sav. and Loan Bldg., E. Liverpool
 367 Beck, William H. (Union Central Life Ins.) Cincinnati 1
 572 Becker, John W. (Garriott, Becker and Bettman) 800 Broadway, Cincinnati 2
 102 Becker, Karl H., 201 Gardner Bldg., Toledo 4
 934 Becker, William E., 205 E. Gambier Ave., Mt. Vernon
 1668 Beeghly, Robert R., 2368 Victory Parkway, Cincinnati 6
 1290 Beidler, Herbert B., 952 N. Michigan Ave., Chicago 11, Ill.
 1215 Beihl, George P., 527 S. 27th St., Lafayette, Ind.
 666 Bell, Wayne Everett, 122 Wroe Ave., Dayton 6
 213 Bellman, Lawrence S. (Bellman, Gillett and Richards) 518 Jefferson Ave., Toledo 4
 926 Benham, Eugene T. (Benham, Richards and Armstrong) 167 E. State St., Columbus 15

- 1329 Bentz, Carl E. (Tibbals, Crumley and Musson) 965 E. Broad St., Columbus 5
 1651 Bernhard, Harold C., 11 East 44th St., New York 17, N. Y.
 1543 Bernstein, Nathan, 4618 Euclid Ave., Cleveland 3
 626 Berold, Charles F. (Goodrich Co.) 500 S. Main St., Akron
 645 Bertsch, Frederick Wm. (Kruckemeyer and Strong) 1304 Carew Tower, Cincinnati 2
 1571 Betz, Eugene W. (Schenck and Williams) 1406 Third Natl. Bldg., Dayton 2
 1443 Beyvl, James W. (Austin Co.) 16112 Euclid Ave., Cleveland 12
 742 Bicknell, Russell A. (Cooperative Industries) Blue Ash and Hunt Rd., Blue Ash
 1580 Bingham, George R. (Weich, Bingham and Roberts) 303 304 American Trust Bldg., Middletown
 1499 Binkele, Robert M., Benjamin Ave., Conynghan, Pa.
 1674 Biskup, Emil J., 3902 Cecelia Ave., Cleveland 9
 744 Bitter, C. Bert. R., 2207 Fulton St., Toledo 10
 1665 Bliss, Edwin F., 569 East Exchange St., Akron 6
 595 Bloodgood, Wylie, 418 Benton St., Aurora, Ill.
 605 Boccia, Michael G., 505 Osborn Bldg., Cleveland
 1108 Bochkor, Stephen, 22 Purchase St., Rye, N. Y.
 988 Bock, Edward Paul (McGeorge-Hargett) 7016 Euclid Ave., Cleveland 3
 623 Boenisch, Julius, Finance Bldg., Cleveland 15
 1030 Bohlen, August C., 930 State Life Bldg., Indianapolis 4, Ind.
 1430 Bohm, Max B. (A. M. Kinney) 1211 Enquirer Bldg., Cincinnati 2
 1021 Bolinger, Donald D., 2300 Oak Park Ave., Dayton 9
 156 Bollinger, Orville F., 1228 Door St., Toledo 7
 1541 Bolton, Charles L., 1505 Race St., Philadelphia 2, Pa.
 838 Bonfield, Harold O. (Bonfield and Cumming) 1900 Euclid Ave., Cleveland 15
 1604 Borchers, Perry E., Jr., 412 W. Hillcrest Ave., Dayton 6
 1297 Bostwick, Donald L., 2626 1/2 Market St., Youngstown 7
 805 Bosworth, Raymond E., 1916 Conn. Ave., Cincinnati 24
 104 Boucherle, Paul (A. Rousseau Assoc.) 213 Mahoning Bank Bldg., Youngstown 3
 1029 Bowers, Howard L. (Frampton and Bowers) 414 11th St., Huntington 11, W. Va.
 1495 Bowers, Raymond A., 180 Nassau St., Princeton, N. J.
 758 Boyce, Clifford O., 111 W. Washington St. (Rm. 1142) Chicago 2, Ill.
 1323 Boyer, India, 2nd Natl. Bank Bldg. (509), Cincinnati 2
 1037 Bradford, Wilson E. (FHA) Old Fed. Bldg., Columbus 15
 1090 Bradley, Herold, 200 Chestnut St., Sewickley, Pa.
 971 Bradley, LeRoy, 1115 S. Clinton St., Ft. Wayne 2, Ind.
 1624 Bradshaw, Preston J., 1800 Olive St., St. Louis 3, Mo.
 562 Brand, Thomas E. (Inscho, Brand and Inscho) 60 E. Broad, Columbus 15
 1669 Brandt, Robert Bruce, 37 Rob Roy Ave., Ft. Thomas, Ky.
 103 Braverman, Sigmund, 1770 E. 11th St., Cleveland 14
 1426 Braziell, William M., 336 Fourth Ave., Pittsburgh 22, Pa.
 973 Breidenbach, William F., 2143 Fairfax Rd., Columbus 12
 489 Bremmer, Harry F. (Brooklyn Sta.) 9411 Hillside Rd., Cleveland 9
 956 Britsch, Carl C. (Britsch and Munger) 531 Nicholas Bldg., Toledo 4
 1608 Broggini, Edwin F. (Garfield) 1740 E. 12th St., Cleveland 14
 668 Broida, Leonard L. (Norge Construction) 1742 E. 23rd St., Cleveland 14
 724 Brooke, Finley C., 1820 Central Parkway, Cincinnati 14
 487 Brooker, Harry A., 706 Crosby St., Akron 3
 571 Brooks, Hugh M. (Tibbals, Crumley and Musson) 965 E. Broad St., Columbus 5
 965 Brooks, T. Woodbridge (Brooks and Coddington) 329 E. Broad St., Columbus 15
 363 Brown, Clifford C., 1068-1071 Reibold Bldg., Dayton 2
 1333 Brown, George D. (Atlantic Greyhound) 155 Summers St., Charleston, W. Va.
 601 Brown, Homer D. (Board of Education) 70 N. Broadway, Akron 8
 791 Brown, John J., 4207 Eileen Drive, Cincinnati 9
 712 Brumenshenkel, Harry J., 13 Park Ave., West. Mansfield
 850 Bruyere, Louis U. (Bellman, Gillett and Richards) 518 Jefferson Ave., Toledo 4
 966 Buckhout, Donald H. (G. W. Lathrop) 1510 Mountcalm St., Toledo
 1509 Buettner, Robert Paul (W. Ray Yount) 419 Third Natl. Bldg., Dayton 2
 1663 Buker, Paul S., P. O. Box 44, Monroe
 1507 Bullock, Edwin C. A., 119 West 57th St., New York 19, N. Y.

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 990 Burrows, George H., 8121 Carnegie Ave., Cleveland 3
 1417 Burt, Paul Gordon, 520 N. Michigan Ave., Chicago 11, Ill.
 1526 Byrnes, William H., 1542 Madison Rd., Cincinnati

-C-

516 Cahill, John O., 950 W. Exchange St., Akron 2
 1034 Cahill, Paul T., Rt. No. 2, Ft. Worth, Texas, Box 198
 381 Caldwell, Walter G., 840 Engrs. Bldg., Cleveland 14
 843 Callow, William W., 720 Islington St., Toledo 10
 140 Calvert, Jess F., 414 Glenn Bldg., Cincinnati 2
 155 Cameron, James L., 10326 Ashbury Ave., Cleveland 6
 1197 Campbell, C. Harry, 1007 Midway St., Middletown 19
 872 Campbell, William V., 1830 Van Buren Rd., Cleveland 12
 1280 Canfield, Thomas H., Cornell University, College of Arch.,
 Ithaca, N. Y.
 1229 Carlton, William W., 15 E. 8th St., Cincinnati 2
 499 Carmichael, Daniel A., 5 E. Long St., Columbus 15
 1678 Carmichael, Daniel A., Jr., 5 East Long St., Columbus 15
 525 Carnahan, Ralph W., 120 W. Second St., Rm. 536, Dayton 2
 1634 Carnegie, Edward J. L. (H. N. Jackson) 2841 May St.,
 Cincinnati 6
 1265 Carr, George W. (Carr & Wright) 333 N. Michigan Ave.,
 Chicago 1, Illinois
 701 Carr, John J. (Carr & Cunningham) 1421 Schofield Bldg.,
 Cleveland 15
 725 Carter, Marion A., Ohio State University (Arch. Office)
 Brown Hall, Columbus 10
 573 Cassidy, Harold A. (Firestone & Cassidy) 175 W. Bowery St.,
 Akron 8
 303 Cellarius, Charles F., 906 St. Paul Bldg., Cincinnati 2
 1383 Celli, Mario C., 1004 Clark Bldg., Pittsburgh 22, Pa.
 1380 Ceruti, Joseph, 7113 Euclid Ave., Cleveland 3
 513 Chamberlin, Oliver N., 1368 Kenilworth Ave., Lakewood,
 Cleveland 7
 1639 Chaney, Fay A. (Grunkemeyer & Sullivan) 3717 Eastern Ave.,
 Cincinnati 26
 1595 Checkley, David M. (J. Gordon Turnbull) 2630 Chester Ave.,
 Cleveland 14
 1502 Christensen, Hans C., 600 S. Michigan Ave., Chicago 5, Ill.
 1152 Churchill, Chester L., 367 Boylston St., Boston 16, Mass.
 1650 Cicco, Joseph A. (Wollaston) 301 Newport Ave., Quincy 70,
 Mass.
 1294 Cigahn, Arnold W. (Ferro Enamel Corp.) 4150 E. 56 St.,
 Cleveland 5
 581 Ciresi, Anthony S. (Cutting & Ciresi) 4900 Euclid Ave.,
 Cleveland 3
 1047 Civkin, Victor, 12 Ermine St., Fairfield, Conn.
 237 Clark, Dana L. (Walker) 1240 Huron Rd., Cleveland 15
 869 Clarke, Ernest P., 1342 Herschel Ave., Cincinnati 8
 819 Clarke, Frederick H., 1002 Natl. Exchange Bldg., Steubenville
 1396 Clarke, Habbly W., 345 Minn. St., St. Paul 1, Minn.
 803 Clayton, Clifford A., 2001 Highland Ave., Cincinnati 29
 1248 Cleland, Earl F. (Pettit, Oman, Meinhardt and Cleland)
 2901 N. High St., Columbus 2
 1006 Clement, Ralph B., 18 Spirea Drive, Dayton 9
 1120 Clotts, Ralph E. (L. F. Karlsberger) 630 E. Broad St.,
 Columbus 15
 390 Cloud, Charles W., 630 E. Broad St., Columbus 15
 1677 Clymer, John, 1241 1/2 Indianola Ave., Columbus 1
 510 Coakley, Burns M., 2469 E. Main St., Bexley, Columbus 9
 1390 Coddington, Gilbert H. (Brooks & Coddington) 329 E.
 Broad St., Columbus 15
 628 Collins, James J., 308 Euclid Ave., Cleveland 14
 753 Coleman, Charles C., 1836 Euclid Ave., Cleveland 15
 465 Conklin, C. Gordon (Gerow & Conklin) 648 Spitzer Bldg.,
 Toledo 4
 196 Conklin, Charles W., 303 Farmers Bank Bldg., Mansfield
 402 Connelly, George R., 132 Manor Rd., Akron 13
 329 Conrad, Edward G. (Conrad, Hays, Simpson & Ruth) 1110
 Hanna Bldg., Cleveland 15
 438 Conrad, William H. (Ward and Conrad) 702 Swetland Bldg.,
 Cleveland 15
 107 Cook, William H., 211 N. Champion St., Youngstown 3
 676 Coombe, George B., 702 Swetland Bldg., Cleveland 15
 143 Copper, Munroe W., Jr., (Copper, Wade and Peck) 320
 Heights-Rockefeller Bldg., Cleveland 18
 851 Cordes, Walter W., 315 Willow Brook Lane, Cincinnati 15
 1501 Cory, Walter M., 29-28 41st Ave., Long Island City, N. Y.
 1616 Cotter, Laurens P. (Magnolo & Quick) 936 Temple Bar
 Bldg., Cincinnati 2
 1658 Couzens, Julian W., 225 East Broad St., Westfield, N. J.
 1388 Cowell, Ensign J. H., 25 W. 43rd St., New York 18, N. Y.
 1130 Coy, Horace M., 1716 Heatherdowns Blvd., Toledo 9
 1113 Cramer, George T., 1706 Wright St., Pomona, Calif.

498 Cramer, Paul W., 3335 Military Ave., Los Angeles 34, Calif.
 1352 Creager, Hubert K. (Firestone Tire and Rubber Co.) Akron
 580 Crider, Paul E. (Sims, Cornelius & Schooley) 2901 N. High
 St., Columbus 2
 944 Croce, Chester (Vet. Adminis. Bureau) Columbus
 895 Crook, Ralph E., 227 Lancaster Natl. Bank Bldg., Lancaster
 865 Crosby, Francis W. (Hubbell) 4500 Euclid Ave., Cleveland 3
 563 Crumley, George D. (Tibbals, Crumley & Musson) 965 E.
 563 Crumley, George D. (Tibbals, Crumley & Musson) 584 E.
 Broad St., Columbus 5
 1081 Cumming, Ralph W. (Bonfield & Cumming) 1900 Euclid
 Ave., Cleveland 15
 1143 Cunningham, George B., Pine Knoll Terrace, St. Clairsville
 305 Cunningham, W. Phelps (Carr & Cunningham) 1421 Scho-
 field Bldg., Cleveland 15
 535 Cunnius, P. A., 1441 Broadway, 14th Fl., New York 18, N. Y.
 606 Cutting, Richard H. (Cutting & Ciresi) 4900 Euclid Ave.,
 Cleveland 3

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236 Dalton, Byron, 979 The Arcade, Cleveland 14
 1582 Dalton, George F., III, 979 The Arcade, Cleveland 14
 949 Damon, Austin G. (Damon, Worley & Assoc.) 926 B. of L. E.
 Bldg., Cleveland 14
 1285 Damon, H. Walter (Damon-Worley) 2626 1/2 Market St.,
 Youngstown 7
 920 Dauben, Hyp. J., 1429 Ashland Ave., Columbus 12
 1631 Davenport, Joseph T., 301 Keeler Bldg., Grand Rapids 2,
 Mich.
 1415 Davis, J. Phillips, 702 Grogan Bldg., Pittsburgh 22, Pa.
 867 Davis, William J., Security Sav. Bank Bldg., Athens
 1438 DeAngelis, Michael J., 1403 Temple Bldg., Rochester 4, N. Y.
 1054 DeArment, Frank H., 1911 E. 97th St., Cleveland 6
 879 DeCurtis, Frederic A., 317 St. Paul Ave., Dayton 10
 345 Deeken, John H., 1010 Times Star Bldg., Cincinnati 2
 1367 Dela Motte, Raymond B. (H. F. Fulton) 6014 Euclid Ave.,
 Cleveland 3
 647 Delmossier, John 1809 E. 89th St., Cleveland 6
 263 Denison, A. C., Forest Place, Glendale
 1161 Denman, Richard A., 264 Bellefontaine Ave., Marion
 1384 Denton, William N., Jr., 1719 Eye St., N.W., Wash. 6, D. C.
 1350 Denwicz, Peter P. (H. K. Ferguson) Ferguson Bldg.,
 Cleveland 14
 1018 Derrick, Robert O., 515 Hammond Bldg., Detroit 26, Mich.
 972 Deucher, Joseph J., 3554 Hildana Rd., Cleveland 20
 831 Devendorf, John C., 1355 Belle Ave., Lakewood, Cleveland 7
 421 Devney, Raymond D., 16355 Glynn Rd., Cleveland 12
 306 DeVoss, William A. (DeVoss & Donaldson) Natl. Bank Bldg.,
 Portsmouth
 883 Dewey, Charles O., 1076 Greyton Rd., Cleveland 12
 1240 Dey, George H. (Lehmann & Dey) 8931 Carnegie Ave.,
 Cleveland 6
 969 Dickerson, Frank J. (H. J. Heinz) 1052 Progress St.,
 Pittsburgh 30, Pa.
 471 Dickerson, Robert W., 2063 East 4th St., Cleveland 15
 1654 Dickson, C. Garey, 22 N. Main St., Washington, Pa.
 1403 Diebel, Frederic D., 8306 Marley St., Cincinnati 15
 657 Disque, Chester H., 1212 Highway, Covington, Ky.
 1517 Doig, Duncan C., 711 Natl. Standard Bldg., Houston 2, Texas
 1369 Dolke, W. Fred, 189 W. Madison St., Chicago 2, Ill.
 383 Dollrichs, Joseph A., 4340 Foley Rd., Cincinnati 5
 1460 Dombas, Benjamin H., 914 Main St., Cincinnati 2
 307 Donaldson, Charles M. (DeVoss & Donaldson) Natl. Bank
 Bldg., Portsmouth
 1235 D'Orazio, P. Arthur (Goodwin & D'Orazio) 715 Union
 Natl. Bank Bldg., Youngstown
 1486 Douben, Herbert C., 552 Century Bldg., Pittsburgh 22, Pa.
 1423 Dow, Alden B., 315 Post St., Midland, Mich.
 1416 Dowler, Press C., 132 Seventh St., Pittsburgh 22, Pa.
 449 Draz, Francis K. (Small, Smith & Reeb) 1010 Euclid Ave.,
 Cleveland 15
 469 Drescher, Alfred A., 3334 Prospect Ave., Cleveland 15
 1407 Droppers, Carl H. (Western Reserve Un., School of Arch.),
 Cleveland 6
 1282 Drossel, Richard M., 1862 Mannering Rd., Cleveland 12
 1672 Dulebohn, Richard E., 1072 Norwood St., Kent, Ohio
 1315 Duning, Hilbert C., 2901 Sander St., Cincinnati 19
 1442 Dupre, Arthur J., 1595 West Fifth Ave., Columbus 12
 933 Durnbaugh, William H., 36 E. Xenia Drive, Osborn
 1173 Dyer, J. Milton, 1916 E. 71st St., Cleveland 3
 1409 Dykes, Eugene W. (Lawrence & Dykes) 4542 7th St., S.W.,
 Canton 4

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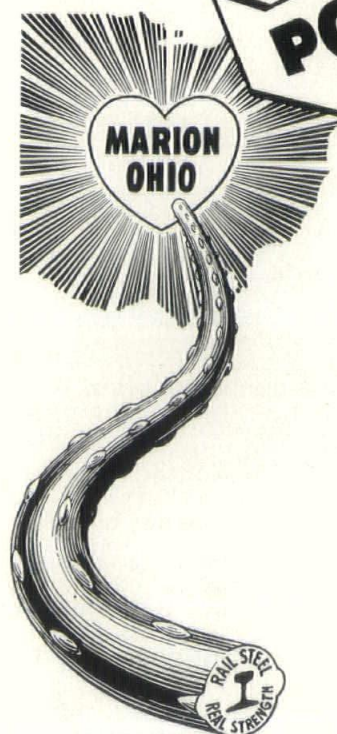
431 Eastman, Robert F., County Engr., County Bldg., Springfield
 481 Ebeling, George A., 234 Colonial Arcade Bldg., Cleveland 15

- 1110 Eberson, John, 2 West 47th St., New York 19, N. Y.
 960 Eckles, Robert A., L. S. & T. Bldg., New Castle, Pa.
 247 Eddy, Merle J., 205 Park Place, Ashtabula
 1360 Eesley, Will, 1264 Primrose Place, Columbus 12
 632 Egensperger, Herbert F. (C. B. Rowley) 2008 Keith Bldg.,
 Cleveland 15
 557 Eggert, Efflo E., 383 Fallis Rd., Columbus 2
 1225 Eiber, Rollin R. (Austin Co.) 510 N. Dearborn St., Chicago
 10, Ill.
 336 Eiselt, Henry E., 297 S. High St., Columbus 15
 1308 Ellerbe, Thomas F., First Natl. Bank Bldg., St. Paul 1, Minn.
 1442 Elliston, Howard L. (H. N. Hermann) 704 Enquirer Bldg.,
 Cincinnati 2
 888 Elliston, H. Richard (Kuck, Elliston & Rainey) 2nd Natl.
 Bank Bldg., Cincinnati 2
 829 Erard, George H. (Bellman, Gillett & Richards) 518 Jefferson
 Ave., Toledo 4
 1462 Erikson, Carl A., 104 S. Michigan Ave., Chicago 3, Ill.
 539 Ervin, Henry R., 114 N. High St., Hillsboro
 1472 Eugenides, Alexander K., 1320 West 74th St., Chicago 36, Ill.
 1606 Evans, John H. V. (Karl B. Hoke) 1514 Madison Ave.,
 Toledo 2
 1345 Evans, Randolph, 140 Nassau St., New York 7, N. Y.
 332 Everhard, Junior W., 306 Hippodrome Bldg., Cleveland 14

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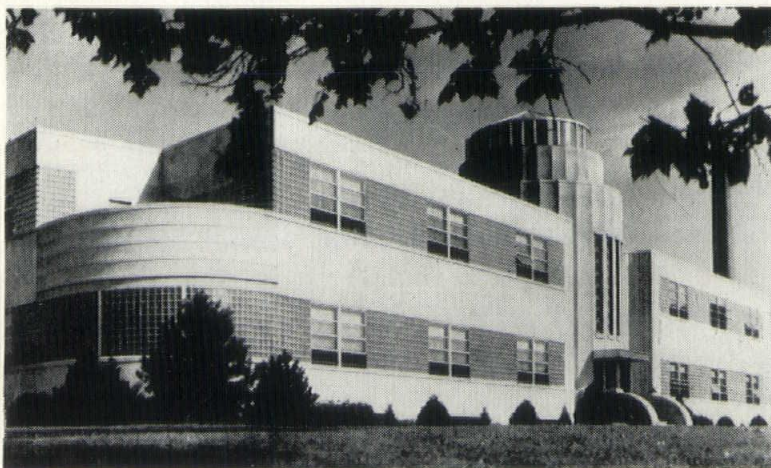
- 1547 Fairbrother, Frederic A., 345 New Center Bldg., Detroit 2,
 Mich.
 906 Faris, Frederic, 1117 Chapline St., Wheeling, West Va.
 242 Farnam, Daniel H., 4688 Landchester Rd., S.W., Cleveland 9
 1405 Fasse, Carl H., 6808 Hampton Dr., Silverton, Cincinnati 13
 1513 Faulkner, Charles D., 307 N. Michigan Ave., Chicago 1, Ill.
 1375 Fauver, Alfred L., 947 Broadway, Lorain
 1522 Fazulak, William J., 16901 Chatfield Ave., Cleveland 11
 317 Fechheimer, A. Lincoln, 1021 Provident Bank Bldg., Cin-
 cinnati 2
 821 Feinknopf, Mark D., 150 E. Broad St., Columbus 15
 733 Feldstein, Herman H., 305-307 Spitzer Bldg., Toledo 4
 112 Felsberg, Nelson (Felsberg & Gillespie) 806 Ingalls Bldg.,
 Cincinnati 2
 418 Ferber, Charles H., 6982 Grace Rd., Cincinnati 27
 143 Ferguson, William S., 1910 E. 26th St., Cleveland 14

- 677 Fernald, William M., 345 W. Delaware Ave., Toledo 10
 1283 Fettis, Arthur E., 931 Five Oaks Ave., Dayton 6
 798 Fewsmith, Livingston, 3005 Scarsborough Rd., Cleveland 18
 1001 Fichter, J. Adam, 706 Crosby St., Akron 3
 686 Field, Wooster Bard, Ohio State University, Brown Hall,
 Rm. 310, Columbus 10
 1151 Fierbaugh, John F., 1215 Schofield Bldg., Cleveland 15
 1223 Findlay, John S. (Hannaford) 1024 Dixie Terminal Bldg.,
 Cincinnati 2
 671 Findt, William C., 522 Elsby Bldg., New Albany, Ind.
 1364 Fink, Hyman T. (W. W. Carlton) 15 E. 8th St., Cincinnati 2
 321 Firestone, Charles E. (Firestone & Motter) 1412 Cleveland
 Ave., N. W., Canton 3
 1230 Firestone, Roy G. (Firestone & Cassidy) 175 W. Bowery St.,
 Akron 8
 809 Firth, Lee P., 3040 Madison Rd., Cincinnati 9
 720 Firth, Wilbur M., 3778 Isabella Ave., Cincinnati 9
 994 Fischer, John B., 7322 S. Lafayette Ave., Chicago 21, Ill.
 470 Fish, F. Stillman, 2945 Corydon Rd., Cleveland 18
 1553 Fisher, D. K. Este, Jr. (Taylor & Fisher) 1012 N. Calvert St.,
 Baltimore 2, Maryland
 1670 Fisher, Eugene B., Jr., 3252 Rumson Road, Cleveland 18
 1276 Fisher, Harold H., 1605 Industrial Bank Bldg., Detroit 26,
 Mich.
 1479 Fisher, Joseph G. (American-Marietta) 43 East Ohio St.,
 Chicago 11, Ill.
 585 Fling, Russell R., 235 Overbrook Dr., Columbus 2
 629 Florence, E. Vance, 640 N. Main St., Akron 10
 1224 Flynn, Edward A. (Garfield) 1740 E. 12th St., Cleveland 14
 1594 Flynn, William V., 336 1/2 Fifth Ave., McKeesport, Pa.
 726 Foley, Thomas J., Jr. (Mellenbrook, Foley & Scott) 26 Front
 St., Berea
 353 Foose, Adrian F. (Warner & Swasey) 5701 Carnegie Ave.,
 Cleveland 3
 1635 Fordyce, Allmon, 580 Fifth Ave., New York 19, N. Y.
 634 Fornoff, J. Fred, 224 Orchard Lane, Columbus 2
 802 Foulks, George M., 625 12th St., N.W., Canton 3
 646 Fowles, Gilbert L., 1361 Belle Ave., Lakewood, Cleveland 7
 351 Fox, George (Fox and Fox) 1835 Commerce Bldg., Cleveland
 599 Fox, Henry W. (Fox and Fox) 1835 Commerce Bldg.,
 Cleveland 14
 1028 Frampton, William R. (Frampton & Bowers) 414 11th St.,
 Huntington 11, W. Va.



POLLAK

RAIL STEEL REINFORCING



COCA COLA BOTTLING WORKS CO., CINCINNATI, OHIO
 Architect: John Henri Deekin Contractor: The Ferro Concrete Construction Co.

Another Pollak Rail Steel reinforced project

THE POLLAK STEEL COMPANY

GENERAL OFFICES: CINCINNATI 2, OHIO
 MILLS: MARION, OHIO

1009 Frank, C. Melvin, 66 E. Broad St., Columbus 15
 894 Frank, Harry C., 201 Canton Bldg., Canton 2
 833 Frankenberger, George F. (W. W. Carlton) 15 E. 8th St., Cincinnati 2
 757 Franklin, J. Ward (Myers Y. Cooper Co.) 2649 Erie Ave., Cincinnati 8
 710 Franzen, Jules (Goodrich Co.) 500 S. Main St., Akron
 931 Frazier, Walter S., 315 James St., Geneva, Ill.
 968 Fredericks, Frank A., Jr., Route No. 1, Micanopy, Fla.
 823 French, Alfred Earl, Mentor Ave., R. D. No. 2, Mentor
 1199 Freshwater, Fayne F., 3386 N. High St., Columbus 2
 468 Freytag, Fred. E., Orbison Hill, Sidney
 892 Freidhof, Oscar E. (F. W. Garber) 504 Union Central Bldg., Cincinnati 2
 890 Freund, R. Carl, 462 East Fifth St., Cincinnati 2
 1025 Friday, Alfred J., 143 E. Lakeview Ave., Columbus 2
 1555 Friedman, Philip, 121 S. Negley Ave., Pittsburgh 6, Pa.
 1487 Friedman, Raphael N., 223 W. Jackson Blvd., Chicago 6, Ill.
 737 Friend, Ralph W., 1907 E. 66th St., Suite 38, Cleveland 3
 286 Fritzsche, William N., 2000 N. Hobart Blvd., Los Angeles 27, Calif.
 1127 Frost, Walter H., Jr. (Kling and Frost) 661 Wick Ave., Youngstown 3
 1424 Fugard, John R., 520 N. Michigan Ave., Chicago 11, Ill.
 1447 Fuhrer, Eugene, 120 S. LaSalle St., Chicago 3, Ill.
 790 Fullerton, Scott (State Arch. Office) 705 Ohio Depts. Bldg., Columbus 15
 877 Fulmer, O. Kline, 19 W. 44th St., New York 18, N. Y.
 302 Fulton, Harry A., 6014 Euclid Ave., Cleveland 3
 814 Fulton, T. Ray., Second Natl. Bank Bldg., Uniontown, Pa.

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522 Gabele, Henry C., 1743 E. 25th St., Cleveland 14
 1177 Gabriel, William J. (G. H. Burrows) 8121 Carnegie Ave., Cleveland 6
 1540 Gaertner, Frank, 267 Fifth Ave., New York 16, N. Y.
 1249 Gallogly, Clarence R., 1433 West Sixth Ave., Columbus 12
 1089 Galter, William, 430 25th St., San Bernardino, Calif.
 113 Gamble, Charles M., 2412 Putnam St., Toledo 10
 272 Garber, Frederick W., 504 Union Central Bldg., Cincinnati 2
 1491 Garden, Hugh M. G., 104 S. Michigan Ave., Chicago 3, Ill.
 202 Garfield, Abram (Garfield, Harris, Robinson & Schafer) 1740 E. 12th St., Cleveland 14
 1636 Gargrave, Robert J., 618 Mutual Home Bldg., Dayton 2
 766 Garriott, Hubert M. (Garriott, Becker & Bettman) 800 Broadway, Cincinnati 2
 515 Garties, George (Hannaford) 1024 Dixie Terminal Bldg., Cincinnati 2
 597 Gartner, John B., 6501 Ridge Circle, Cincinnati 13
 1578 Gattozzi, Anthony (Div. of Arch., City of Cleveland) 517 City Hall, Cleveland 14
 1154 Gattozzi, Joseph A., 2487 Noble Rd., Cleveland 21
 1590 Gauger, Ray R., 1306 Minn. Bldg., St. Paul 1, Minn.
 943 Gavin, Donald (G. S. Rider) 3800 Terminal Tower, Cleveland 13
 341 Gebhart, Rollin E., 1201 Miami Savings Bldg., Dayton 2
 1059 Gehron, William, 101 Park Ave., New York, N. Y.
 1042 Genn, Ernest Lee, 521 Irving Ave., Dayton 9
 893 Gerow, Leonard H. (Gerow & Conklin) 648 Spitzer Bldg., Toledo 4
 388 Geyer, Arthur R. (Geyer & Neuffer) 437 Commercial Bldg., Dayton 2
 837 Gill, Ernest L. (State Arch. Office) 705 Ohio Depts. Bldg., Columbus 15
 165 Gillespie, Cecil H. (Felsberg & Gillespie) 805 Ingalls Bldg., Cincinnati 2
 1122 Gillespie, George H., 1710 Tuttle Ave., Dayton 3
 216 Gillett, John (Bellman, Gillett & Richards) 518 Jefferson Ave., Toledo 4
 1528 Gina, Francis X., 227 E. 44th St., New York 17, N. Y.
 1546 Githens, Alfred M., 101 Park Ave., New York 17, N. Y.
 398 Glass, Floyd F., 20 S. Third St., Columbus 15
 700 Gleitsman, Louis A., 531 Fernwood Dr., Akron 2
 488 Godley, George H., 918 E. Court St., Cincinnati 2
 527 Goetz, Harold W., 115 N. Main St., Middletown 9
 1014 Goldinger, Lawrence B., 820 Hutchings Ave., Cincinnati 29
 939 Goller, Raymond D. (Sims, Cornelius and Schooley) 2901 N. High St., Columbus 2
 509 Goodwin, Myron N. (O'Drazio) 715 Union Natl. Bank Bldg., Youngstown 3
 808 Gordon, Charles, 3718 Ludgate Rd., Cleveland 29
 583 Gortner, Roscoe M. (Montgomery-Ward) 619 W. Chicago Ave., Chicago 7, Ill.
 475 Graham, John H., 3379 Superior Park Drive, Cleveland 18
 1114 Grannis, Robert V., 582 W. Second St., Dayton 1
 650 Grant, Richard R., Box 237, Mad River Rd., R. R. No. 7, Dayton 9

1560 Grau, Fred W., Jr., 1701 Union Trust Bldg., Cincinnati 2
 1391 Gray, Dorothy D., 180 University Ave., Palo Alto, Calif.
 551 Green, John W., 159 Main St., Painesville
 1067 Green, Lawrence J., 145 S. Chestnut St., Kent
 355 Greene, James W., 246 Grant St., Ravenna
 936 Gribben, J. Upton, 346 Glenmont Ave., Columbus 2
 918 Grieme, Henry C. R., 35 Main St., Chagrin Falls
 1593 Griffin, Francis E., 126 John R. at Broadway, Detroit 26, Mich.
 834 Griffin, Walter F. (C. F. Cellarius) 906 St. Paul Bldg., Cincinnati 2
 734 Griffith, Harry Conway, 137 S. Main St., Dayton 2
 1427 Grosel, Rudolph J. (Matzinger & Grosel) 1740 E. 12th St., Cleveland 14
 1588 Gross, Robert H., 1107 Irwin St., Aliquippa, Pa.
 1551 Groth, Paul W. (Outcalt & Guenther) 13124 Shaker Square, Cleveland 20
 1118 Grow, M. DeWitt, 4125 Monroe St., Toledo 6
 395 Grunkemeyer, John C. (Grunkemeyer & Sullivan) 3717 Eastern Ave., Cincinnati 26
 1096 Guenther, Carl F. (Outcalt & Guenther) 13124 Shaker Square, Cleveland 20
 1586 Gugler, Eric, 101 Park Ave., New York 17, N. Y.
 998 Guthrie, Bruce, 136 E. Wheeling St., Lancaster
 1226 Guy, J. Trevor (Jos. Ceruti) 7113 Euclid Ave., Cleveland 3

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503 Hagg, Harold M., 235 E. Third St., Elyria, Ohio
 1385 Hadley, Thomas E. (Fisher Body) 11-137 Genl. Motors Bldg., Detroit 2, Mich.
 1032 Haeefe, Herbert W., 15634 Lakewood Hts. Blvd., Cleveland 7
 1496 Haeuser, Hugo C., 2051 W. Wisconsin Ave., Milwaukee 3, Wisc.
 114 Hahn, Alfred A. (Hahn and Hayes) 723 Adams St., Toledo 2
 447 Hahn, Marvin R., 33 Century Bldg., Elyria
 249 Hair, Walter R. (Mueller, Hair and Hetterich) Hotel Hamilton, Hamilton
 275 Hake, Harry (Hake and Hake) 2400 Gilbert Ave., Cincinnati 6
 277 Hake, Harry, Jr. (Hake and Hake) 2400 Gilbert Ave., Cincinnati 6
 502 Hall, Alfred G. (Watson) 4614 Prospect Ave., Cleveland 3
 722 Hall, Lawrence H., 973 Manhattan Ave., Dayton 6
 425 Halper, D. Leonard, 2300 Payne Ave., Cleveland 14
 1027 Halperin, M. P., Euclid-71st Bldg., Cleveland 3
 804 Hampton, George B., 558 Hale Ave., Cincinnati 29
 1493 Hancock, Glenn C., 608 Atlas Bldg., Charleston 1, W. Va.
 167 Hannaford, H. Eldridge, 1024 Dixie Terminal Bldg., Cincinnati 2
 166 Hannaford, Samuel N., 3620 Woodford Rd., Cincinnati 13
 979 Hansberger, Claude R., 79 E. State St., Columbus 15
 1359 Hansen, Walter C. (Tully, Hobbs and Hansen) 528 Oak St., Columbus 15
 1218 Hargrave, John W., Cooper and Montgomery Rds., Montgomery
 1622 Harkless, Ray V. (G. C. Murphy Co.) 531 Fifth Ave., McKeesport, Pa.
 974 Harlan, Harold C., 585 Commercial Bldg., Dayton 2
 1136 Harley, Alvin E., 1507 Stroh Bldg., Detroit 26, Mich.
 951 Harman, Ralph H., 133 W. High St., Springfield
 992 Harmon, Albert H., 508 E. Main St., Lexington, Ky.
 1436 Harmon, Arthur L., 11 East 44th St., New York 17, N. Y.
 258 Harpster, Milton E., 1020 Second Natl. Bldg., Akron 8
 1258 Harris, Alfred W., 1011 Swetland Bldg., Cleveland
 1627 Harris, Clark E. (W. S. Holmes) 2200 Olds Tower, Lansing 8, Mich.
 204 Harris, George R. (Garfield) 1740 E. 12th St., Cleveland 14
 559 Harrison, Myron L., 791 Oak St., Columbus 5
 454 Harsh, Robert S., 118 W. Granville St., Worthington
 871 Hart, Erskine A. (Hart, Igleburger and Wurst) 532 Mutual Home Bldg., Dayton 2
 728 Hatch, Wallace H., 622 Hippodrome Bldg., Cleveland 14
 1365 Hatheway, Harvey H., 20 Federal St., Greenfield, Mass.
 408 Haushka, Frank, 711 Ninth-Chester Bldg., Cleveland 14
 115 Hayes, John J. (Hahn and Hayes) 723 Adams St., Toledo 2
 284 Hays, J. Byers (Conrad, Hays, Simpson and Ruth) 1110 Hanna Bldg., Cleveland 14
 925 Heaton, Ross B., 4127 E. 146th St., Cleveland 5
 1026 Heidrich, Kenneth J., 433 West Park Ave., State College, Pa.
 419 Heinold, Val. H. (A. M. Kinney) 1211 Enquirer Bldg., Cincinnati 2
 534 Helmkamp, Wm. B. (Kraus and Helmkamp) 201 Permanent Title Bldg., Akron 8
 1361 Helser, Robert A. (P. M. Hulsken) 218 W. Market St., Lima
 1363 Helwick, Lottie B. (Spahn and Barnes) 12429 Cedar Rd., Cleveland 6
 604 Henn, Earl C., 914 Main St., Cincinnati 2

- 1611 Henn, Frederick J. (A. A. Kennedy) 1002 Ingalls Bldg., Cincinnati 2
- 346 Henry, Leroy W., 336 Hillwood Dr., Akron 2
- 1291 Henschien, H. Peter, 59 E. Van Buren St., Chicago 5, Ill.
- 963 Herman, Aloys Frank, 131 Lafayette Blvd., W., Detroit 26, Mich.
- 1504 Hetherington, Murray D., 10153 Prospect Ave., Chicago 43, 270
- Hetterich, Ralph H. (Mueller, Hair and Hetterich) Hotel Hamilton Bldg., Hamilton
- 1238 Hewitt, John M., 12th and Locust Sts., Kansas City, Mo.
- 452 Hewlett, Thomas H., 2300 Dime Bldg., Detroit 26, Mich.
- 511 Hewlett, Timothy Y., 205 Richardson Bldg., Toledo 4
- 648 Hill, Myron T., 3544 Wyckcliff Parkway, Toledo 6
- 743 Hill, Paul G., 402 S. Perry St., Attica, Indiana
- 884 Hilles, Clark H., 5304 Hampden Lane, Bethesda 14, Md.
- 1613 Hilmer, Herbert F. (C. S. Cellarius) 906 St. Paul Bldg., Cincinnati 2
- 269 Hinman, Charles H. (Maier, Walsh and Dickerson) 508 Cuyahoga Savings Bldg., Cleveland 15
- 1420 Hinsdale, Chauncey M. (Garfield) 4326 West 219th St., Cleveland 16
- 1567 Hirsh, Willard, II, 2750 Fairmount Blvd., Cleveland 6
- 1561 Hobbs, Frederick H., Jr. (Tully, Hobbs and Hansen) 582 Oak St., Columbus 15
- 461 Hock, Charles A., 253 S. Linden Ave., Dayton 3
- 1186 Hodgman, Edward M. (R. A. Little) 1303 Prospect Ave., Cleveland 15
- 1644 Hodgson, Thomas J. (H. K. Ferguson) Ferguson Bldg., Cleveland 14
- 1537 Hoener, P. John, 3415 S. Kingshighway, St. Louis 9, Mo.
- 1304 Hofmeister, Harry, 145 East 32nd St., New York 16, N. Y.
- 748 Hohl, Russell L., 702 N. Washington St., Rome, N. Y.
- 146 Hoke, Karl B., 1514 Madison Ave., Toledo 2
- 1400 Holden, Arthur C., 570 Lexington Ave., New York 22, N. Y.
- 207 Holden, Dean H., 2301 Scranton Rd., Cleveland 13
- 1072 Holdstein, Milo S., 1030 Euclid Ave., Cleveland 15
- 1626 Holmes, Warren S., 2200 Olds Tower, Lansing 8, Mich.
- 1666 Holroyd, Harry J., 334 Kenbrook Drive, Worthington
- 1300 Holtmeier, Robert L., 914 Main St., Cincinnati 2
- 844 Holtzman, Willfred D., Jr., 325 Huron St. (Rm. 6), Toledo 4
- 649 Honicky, Edward (Industrial Roof) 4815 Lexington Ave., Cleveland 3
- 1305 Hoose, Sterling R. (Watson) 4614 Prospect Ave., Cleveland 3
- 1078 Hoover, Joseph W., 316 Penn. Ave., Pittsburgh 22, Pa.
- 937 Hopkins, Frances S., 3353 Braemar Rd., Shaker Hts., Cleveland 20
- 1458 Hopkins, J. Edwin, 24 West 40th St., New York 18, N. Y.
- 261 Horley, Edward F., 119 Federal St., Pittsburgh 12, Pa.
- 1171 Horn, Howard F. (F. R. Walker) 1240 Huron Rd., Cleveland 15
- 1320 Houck, Doan R., 235 E. Short St., Lexington, Ky.
- 1117 Houlihan, Raymond F., 5651 N. Rockwell St., Chicago 45, Ill.
- 264 Hovey, George W., 412 Sixth St., Marietta
- 1448 Howard, Almern C., 1411 Walnut St., Philadelphia 2, Pa.
- 308 Hubbell, Benj. S., 4500 Euclid Ave., Cleveland 3
- 189 Hubbell, Benj. S., Jr., 4500 Euclid Ave., Cleveland 3
- 185 Huber, Joseph C., Jr., 1711 Michigan, La Porte, Ind.
- 622 Huberty, Ernest, 8017 Whitehorn Ave., Cleveland 3
- 1394 Huberty, John A., 1734 Gough St., San Francisco, Calif.
- 473 Huff, William B., 1050 N. Main St., Akron 10
- 680 Hughes, Frederick J., 906 Sidney St., St. Louis 4, Mo.
- 1684 Hughes, James B., 187 South Woodward Ave., Birmingham, Michigan
- 1020 Huhn, Alexander W. (P. A. Uhlmann) 1441 N. High St., Columbus 1
- 434 Huhn, William J., 204 McClure St., Dayton 3
- 226 Hulsken, Peter M., 218 W. Market St., Lima
- 254 Hunt, Roland E., 6112 Montgomery Rd., Cincinnati 13
- 858 Hunter, Harold H., 123 W. Market St., Warren
- 1050 Hunter, Herman T. (Zeller and Hunter) 17 1/2 S. Center St., Springfield
- 738 Hyde, Wilbur G. (F. R. Walker) 1240 Huron Rd., Cleveland 15
- 773 Hymon, Samuel, 1400 Harrison Ave., Cincinnati 14
- I —
- 948 Ianni, Basilio F. (Cutting and Ciresi) 4900 Euclid Ave., Cleveland 3
- 318 Ihorst, Benjamin, 907 Second Natl. Bank Bldg., Cincinnati 2
- 1228 Inscho, C. Curtiss (Inscho, Brand and Inscho) 60 E. Broad St., Columbus 15
- 759 Inscho, Charles L. (Inscho, Brand and Inscho) 60 E. Broad St., Columbus 15
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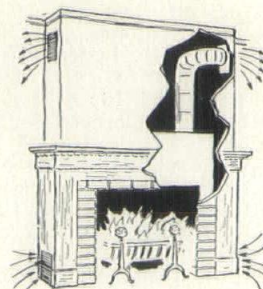
Also greater heat delivery, because (a) The fire is surrounded on three sides and above by steel plates conducting heat into the warm air chamber, thence to be distributed into the room (Note: open fire heat does not circulate) — (b) Rectangular walls of firebox provide greatest area of heated surfaces. (c) Distinctive design assures circulation across heated surfaces — no hot spots of stagnant heat. (d) Baffle sheets that augment heating of circulated air and retard heat losses. (e) Convenient installation. No supplementary insulation required.

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360 Jackle, William L., 310 W. Second St., Dayton 2
1485 Jallade, Louis E., 597 Fifth Ave., New York 17, N. Y.
1659 James, R. Maxwell, 250 Delaware Ave., Buffalo 2, N. Y.
1334 Jansson, Edward F., 740 Rush St., Chicago 11, Ill.
655 Jeavons, W. Norman, 12417 Cedar Road, Cleveland 18
818 Jenkinson, Edgar T., R.F.D. 1 (Box 330), Fairfax, Va.
1301 Jensen, W. Frank, P. O. Box 2458, Reno, Nevada
1584 Johns, Rolland B., 1432 Schofield Bldg., Cleveland 15
566 Johnson, Myron E., 4874 Vistadeoro Ave., Los Angeles 43, Calif.
1683 Johnston, Laurence P., 1515 Sherman Ave., Evanston, Illinois
1428 Johnson, Nils Victor, 3365 North Park Blvd., Cleveland
187 Jolke, Stephen M., 905 Jefferson Ave., Toledo 2
1208 Jones, Clifford E. (Ohio Bell Tel.) 42 E. Gay St., Columbus 15
1292 Jones, Fred J. (Herring-Hall-Marvin Safe) Grand Blvd., Hamilton
195 Jones, Herbert S., 28 Park Ave., West, Mansfield

—K—

1255 Kaltenbrum, James A., Hotel Holden, Dayton 2
1492 Kann, Norman King, 17156 Wildermere Ave., Detroit 21, Mich.
1544 Karcher, Walter T., 1520 Locust St., Philadelphia 2, Pa.
1456 Karger, Ralph M., 70 Pine St., New York 5, N. Y.
201 Karlsberger, Louis F., 630 E. Broad St., Columbus 15
492 Katonka, Frank A., 11408 Continental Ave., Cleveland 4
243 Keich, Robert J. (Keich and O'Brien) 912 Union Bank Bldg., Warren
325 Keil, Herbert W., 2124 Eye St., N.W., Washington 7, D. C.
192 Keil, John J. (McLaughlin and Keil) 500 Dominion Bldg., Lima
911 Keister, Lowell M., 31 Cedar St., Brecksville
555 Keller, Arthur E., 2570 Overlook Rd., Cleveland 6
1112 Kelley, Albert L., 97 Canton Rd., Akron 12
1527 Kellogg, Harold Field, 232 Commonwealth Ave., Boston 16, Mass.
401 Kelly, John Sherwood (Stickle-Kelly-Stickle) 2422 Prospect Ave., Cleveland 15
111 Kempton, Ralph C., 50 W. Broad St., Rm. 2750, Columbus 15
763 Kennedy, John F., 111 West 7th St., Rm. 1107, Los Angeles, Calif.
1071 Kennedy, Robert A., 6 East Fourth St., Cincinnati 2
1467 Kennison, Herbert A., 230 E. Berry St., Ft. Wayne 2, Ind.
265 Kenny, Greves G., 535 Diagonal Rd., Akron 2
147 Keppel, Ellis M., 101 N. Phelps St., Youngstown 3
1574 Kessler, Philip W., 2510 Woodburn Ave., Cincinnati 6
598 Kessling, Henry J., 206 S. Monument Ave., Hamilton
1597 Ketchum, Morris, Jr., 227 E. 44th St., New York 17, N. Y.
930 Ketterer, J. Walter, 2043 Cornell Rd., Cleveland 6
1607 Kielawa, Philip H. (Schenck and Williams) 1406 Third Natl. Bldg., Dayton 2
1602 Killinger, Byron F. (Britsch and Munger), 531 Nicholas Bldg., Toledo 4
1402 Killip, Gordon J. W. (McGeorge and Hargett) 7016 Euclid Ave., Cleveland 3
723 Kimberley, Burton R., 1244 Jackson Ave., Lakewood 7
1620 King, Harvey M., 1115 Fourth Ave., Louisville 3, Ky.
882 King, James B., 224 W. South St., Orlando, Fla.
866 King, Robert L., Engr. Office, Summit Co. Court House, Akron
1419 Kingscott, Louis C., 208 Elm St., Kalamazoo, Mich.
1623 Kinne, Williams, Jr., 150 N. Wacker Dr., Chicago 6, Ill.
1296 Kinnear, H. Lester, 9806 Woodward Ave., Cleveland
954 Kish, John G., Jr., 18500 High Parkway, Rocky River, Cleveland 16
342 Kissinger, Clarence A., 4400 Market St., Youngstown 7
170 Kistler, Charles G., 135 N. Water St., Suite 2, Kent
1269 Klein, William J., 134 N. LaSalle St., Chicago 2, Ill.
1647 Klevay, Tibor (Garfield) 1740 E. 12th St., Cleveland 14
1675 Kline, John L., 126 E. Cassilly St., Springfield
117 Kling, Otto J. (Kling and Frost) 661 Wick Ave., Youngstown 3
1609 Kluth, Victor M. (Mellenbrook, Foley and Scott) 26 Front St., Berea
1482 Knoebel, Wilbert G., 906 Sidney St., St. Louis 4, Mo.
1233 Knowlton, Lynn O. (H. K. Ferguson) Ferguson Bldg., Cleveland 11
590 Kock, Frederic H. (Kruckemeyer and Strong) 1304 Carew Tower, Cincinnati 2
1673 Koehl, Thomas F., 3091 Mayfield Rd., Cleveland 18
118 Koehl, William, 3091 Mayfield Rd., Cleveland 18

1170 Konarski, Michel M., 844 West Market St., Akron 3
1646 Kontturi, Arne J. (M. J. Kujala) Harbor P. L. Bldg., Ashtabula
576 Koppes, Wayne F., Homestead Rd., Basking Ridge, N. J.
1529 Kramer, William F., 801 Garfield St., Oak Park, Ill.
1477 Kraus, Edward H. (Kraus and Helmkamp) 201 Permanent Sav. Bldg., Akron 8
533 Kraus, Robert J. (Kraus and Helmkamp) 201 Permanent Sav. Bldg., Akron 8
453 Kregelius, Herman, 2094 Cornell Rd., Cleveland 6
1573 Kremer, William H., 750 S. High St., Columbus 6
1077 Kressbach, Carl C. F., 408 Wildwood Ave., Jackson, Mich.
654 Krinsky, Ben (Harry A. Fulton) 6014 Euclid Ave., Cleveland 3
250 Kromer, Edward (Board of Education) 270 E. State St., Columbus 15
299 Kruckemeyer, Edward H. (Kruckemeyer and Strong) 1304 Carew Tower, Cincinnati 2
148 Kuball, Albert C., 3419 McFarlan Rd., Cincinnati 11
276 Kuck, Charles H. (Kuck-Elliston-Rainey) 606 2nd Natl. Bank Bldg., Cincinnati 2
1374 Kuechle, Roland K., 7887 Michigan Ave., Oakland 5, Calif.
1656 Kuhn, Norman B., 310 Washington Rd., Pittsburgh 16, Pa.
1299 Kunic, Michal, 126 N. Pennsylvania St., Albuquerque, N. M.
366 Kunz, Anthony, 701 Times Star Bldg., Cincinnati 2
369 Kunz, Jerome J., 701 Times Star Bldg., Cincinnati 2
368 Kunz, Trudpert A., 701 Times Star Bldg., Cincinnati 2

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1592 Lacy, L. Verne, Hotel Sterling Bldg., Wilkes-Barre, Pa.
1435 Lamb, William F., 11 E. 44th St., New York 17, N. Y.
310 Lamoreux, Louis A., 28 Park Ave., West, Mansfield
1183 Lance, William J., Capital City Bldg., Charleston 1, W. Va.
467 Landberg, Edwin C., 114 Garfield Place, Cincinnati 2
702 Landberg, G. Truman, 114 Garfield Place, Cincinnati 2
123 Langdon, Charles A., 708 Security Bank Bldg., Toledo 4
333 Lange, Frank P. (FHA) Old Post Office Bldg., Toledo
863 Langenhan, Herman O. (Cutting and Ciresi) 4900 Euclid Ave., Cleveland 3
1503 Lapidus, Morris, 256 E. 49th St., New York 17, N. Y.
1193 Larimer, Richard M., R.F.D. 2, West Mansfield
1254 Larrick, Thomas, University of Florida, Gainesville, Fla.
1664 Latimer, Ray H., 5902 Snow Road, Parma, Cleveland 9
193 Lattner, Stanley W. (Bellman, Gillett and Richards) 518 Jefferson Ave., Toledo 4
673 Lauer, Fred J., 201 Belmont Ave., Toledo 2
483 Lauer, Martin P., 31 N. Summit St., Akron 8
1083 Lauffer, Erwin O., 413 Western Reserve Bldg., Cleveland 13
1069 Laurie, Pasqual R. (Weinberg, Laurie and Teare) 1225 Schofield Bldg., Cleveland 15
1464 Lawless, Patrick L. (Weinberg, Laurie and Teare) 1225 Schofield Bldg., Cleveland 15
1408 Lawrence, Richard E. (Lawrence and Dykes) 4542 7th St., S. W., Canton 4
1357 Lawrence, Willard S. (Campbell Construction) 174 N. Park Ave., Warren
640 Lawry, William A., 423 E. 109th St., Cleveland 8
1314 Leavitt, Morton (Leavitt and Spieth) 1031 Schofield Bldg., Cleveland 15
1406 Lee, John Michael, 1095 Market St., San Francisco 3, Calif.
289 Lee, Walter H. (Tietig & Lee) 34 W. Sixth St., Cincinnati 2
560 Legge, Seward Davis (Firestone Tire and Rubber), Akron
1643 Lehman, Jonathan C., Jr. (A. F. Tynan) 387 E. Broad St., Columbus 15
1214 Lehmann, Dale E. (Lehmann and Dey) 8931 Carnegie Ave., Cleveland 6
1401 Lenander, Arthur C., 79 E. State St., Columbus 15
1425 Leone, Amedeo, 800 Marquette Bldg., Detroit 26, Mich.
614 Leslie, Philip F., 10 Irving St., Toledo 2
119 Lethly, Marlay W., 352 E. High St., Springfield
1209 Letson, Howard E. (Arch. Office) 705 State Office Bldg., Columbus 15
1243 Letts, George A., Heights-Rockefeller Bldg., Cleveland 18
1013 Levey, Norman J., 5718 Russell St., Detroit 11, Mich.
1091 Levinson, Charles B. (Steelcraft Engr.) 9017 Blue Ash Rd., Rossmoyn
1124 Leviton, William N., 301 Commercial Bldg., Dayton 2
854 Leybourne, Malcom, 220 N. Second St. (Box 28), Tipp. City
1648 Lillie, William H., Jr., 328 E. Town St. (F. and Y. Bldg.) Columbus 15
693 Linch, William E. (Sims, C., Schooley) 2901 N. High St., Columbus 2
1066 Lincoln, George J., 243 Park Drive, Mansfield
846 Linder, Gustave A., 2109 Reading Rd. (Marcus Bldg.) Cincinnati 2
1140 Little, Bascom, 2630 Chester Ave., Cleveland 14
793 Little, John W., 528 Citizens Bldg., Cleveland 14
1572 Little, Robert A., 1303 Prospect Ave., Cleveland 15

- 761 Lloyd Bruce E., 1324 Cory Drive, Dayton 6
 1149 Long, Chester V., 5980 Glenwood Ave., Ext., Youngstown 7
 897 Loomis, Arthur B., Jr., 10014 Burton Ave., Cleveland 8
 1468 Lord, Anthony, 17 1/2 Church St., Ashville, N. C.
 209 Lorentz, Raymond V. (Gibbons-Grable) 311 Mellett Bldg., Canton
 210 Lorenz, J. Douglas (Lorenz and Williams) 223 West First St., Dayton 2
 359 Lowe, Chester N., 2886 Chadbourne Rd., Shaker Hts., Cleveland 20
 1600 Lucisano, Michael, U. S. Engr. Office, Wright Field, Dayton
 1478 Luxmore, John R. (Wagner and Luxmore) 200 Permanent Bldg., Akron 8
 541 Lyle, Joseph M. (Hake and Hake) 2400 Gilbert Ave., Cincinnati 6

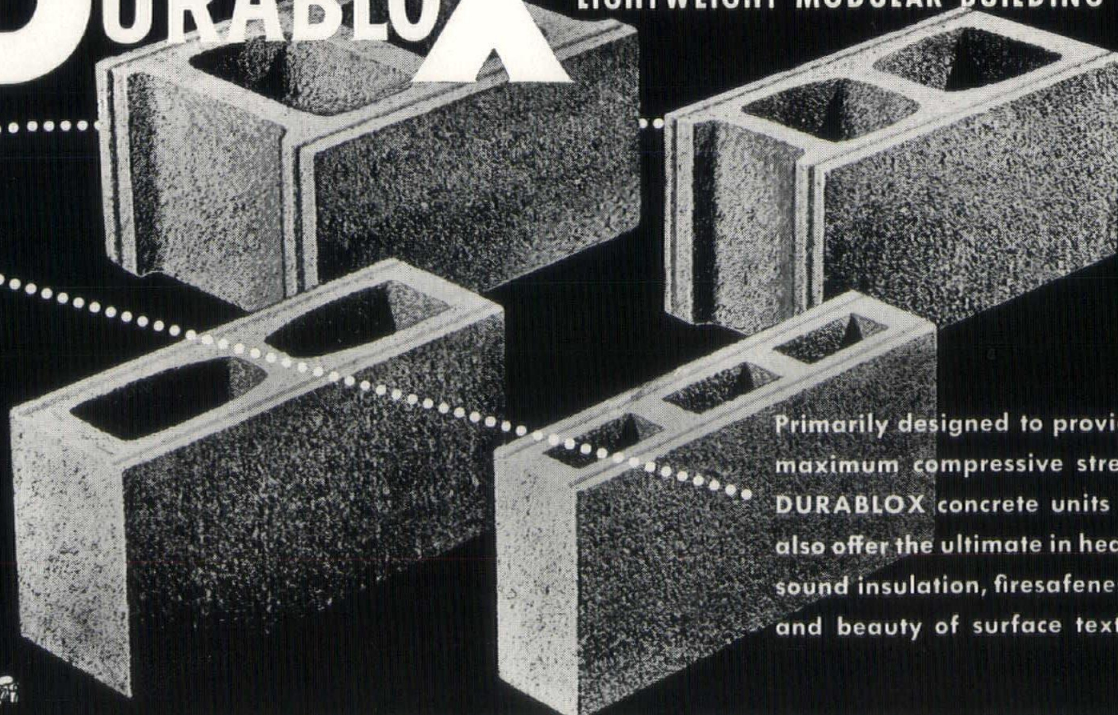
—M—

- 953 Maag, John Henry, Jensen Arcade Bldg., Pasadena, Texas
 1155 MacCormack, Donald A., Brookhaven Natl. Laboratory, Upton, N. Y.
 1473 MacCoy, Clifford W., 48 Holmes Rd., Fairfield
 881 Mackey, Richard (Cutting and Ciresi) 4900 Euclid Ave., Cleveland 3
 616 Macelwane, John P. (Britsch and Munger) 531 Nicholas Bldg., Toledo 4
 558 MacMillin, E. Milton, 10525 Carnegie Ave., Cleveland 6
 1272 Maffit, Merle R., 328 E. Town St. (F. and Y. Bldg.), Columbus 15
 1056 Magaziner, Louis, 1701 Walnut St., Philadelphia 3, Pa.
 1260 Maguolo, George J., 4908 Delmar Blvd., St. Louis 8, Mo.
 372 Maier, Edward J. (Maier-Walsh-Dickerson) 508 Cuyahoga Sav. Bldg., Cleveland 15
 1220 Mallalieu, Harry L., 1st Saving and Loan Bldg., Massillon
 799 Mankki, Onnie, 7113 Euclid Ave., Cleveland 3
 1641 Manley, Lloyd E. (Benham, Richard and Armstrong) 167 E. State St., Columbus 15
 477 Manor, William Howard, 303 Canby Bldg., Bellefontaine
 609 Marion, Louis J. (Kopf and Kopf Bldrs.) 3204 Linwood Rd., Cincinnati 26
 1150 Maritz, Raymond E., 721 Olive St., St. Louis 1, Mo.
 380 Marr, Charles J., 138 Ray Ave., N. W., New Philadelphia
 982 Marsh, Carl M., 126 N. Warren Ave., Columbus 4
 938 Martin, Boyd G., 256 E. N. Broadway, Columbus 2

- 1159 Martin, Carl H., 25 Santa Fe Rd., Middletown 16
 577 Martin, C. Leslie, University of Cincinnati, Cincinnati 21
 377 Martin, Clarence V., 202 Johnson Bldg., Ashtabula
 792 Martin, Elizabeth E., 1081 Meadowdale Ave., Columbus 3
 703 Martin, George Marshall (Potter, Tyler and Martin) 35 E. Seventh St., Cincinnati 2
 1250 Martina, Alfeo J., 585 Terrace Ave., Cincinnati 20
 1519 Martindale, John D., 309 Standard Bldg., Ft. Wayne 2, Ind.
 1470 Martsof, Arthur L., 512 3rd Ave., New Brighton, Pa.
 1064 Marvin, Newton F., P. O. Box 416, Toledo 1
 967 Mason, Benj. Frank (Inscho, Brand and Inscho) 60 E. Broad St., Columbus 15
 1326 Mason, John K., 955 Park Square Bldg., Boston 16, Mass.
 722 Masterson, Charles T. (General Electric, Plastic Div.) Pittsfield, Mass.
 1642 Matheny, Richard N. (R. C. Kempton) 50 West Broad St., Columbus 15
 271 Matthews, Orval H., (L. Redding) 1008 Farmers Bank Bldg., Mansfield
 245 Matzinger, Paul (Matzinger and Grosel) 1740 E. 12th St., Cleveland 14
 1075 Maule, Comly E. (Met. Hous. Auth.) 425 W. Rich St., Columbus 8
 523 Mauer, Herman W., 3126 Scarboro Rd., Cleveland 18
 688 Maxfield, David B., 322 E. Withrow Ave., Oxford
 462 Mayer, George B., 1030 Schofield Bldg., Cleveland 15
 1535 McCann, Realino V., 84 S. 6th St., Minneapolis 2, Minn.
 285 McClorey, Howard, 519 Main St., Cincinnati 2
 1542 McConnaughey, Thomas A., Rm. 2, Morris Bldg., Hartford City, Ind.
 1615 McConnell, Glen G., Jr., 475 Garden Rd., Columbus 2
 730 McCord, George E., Jr. (B. F. Goodrich) 500 S. Main St., Akron 18
 735 McCormack, Thomas J. (H. Neil Jackson) 2841 May St., Cincinnati 6
 488 McCready, Charles L., 5240 Lester Rd., Cincinnati 14
 121 McDonald, George E., 1715 Madison Rd., Cincinnati 6
 1618 McDonald, John S., 2438 Glenmore Ave., Dayton 9
 466 McFadden, Ferd J., 442 Oberlin Ave., Lorain
 1429 McHugh, John W., 228 East St., Springfield
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- 370 Medicus, Fred C., 2432 Ashby Ave., Berkley 5, Calif.
- 532 Medicus, Randall F., 2224 Fifth Ave., Youngstown 4
- 357 Meek, Norville C., 4546 Linder Ave., Norwood, Cincinnati 12
- 653 Mehring, Dale C., 556 Spitzer Bldg., Toledo 4
- 1198 Meinhardt, Carl E. (Pettit, Oman, Meinhardt and Cleland) 2901 N. High St., Columbus
- 699 Meinhausen, George H. (Tietig and Lee) 34 West 6th St., Cincinnati 2
- 747 Mellenbrook, Earl H. (Mellenbrook, Foley and Scott) 26 Front St., Berea
- 1371 Mercer, Max G., Little Theatre Bldg., Yellow Springs
- 1328 Merkel, Karl H. (A. M. Kinney) 1211 Enquirer Bldg., Cincinnati 2
- 957 Merrell, S. Clyde (Small, Smith and Reeb) 709 Swetland Bldg., Cleveland 14
- 1661 Merrick, Carlton J., 10317 Loretta Ave., Cleveland 11
- 1506 Merrill, John O., 100 West Monroe St., Chicago 3, Ill.
- 796 Meyer, John Edwards, 947 Broadway, Lorain
- 482 Meyer, Louis H. W., 20511 Amherst Rd. (Warrensville Hts.) Cleveland 22
- 1372 Meyerhofer, Henry J., 306 W. Williams St., Maumee
- 1377 Meyers, William W., 407 Commerce Bldg., Erie, Pa.
- 1581 Miller, Donald C. F., R.D. 1, Box 350, Barberton
- 695 Miller, John Edward (Miller and Voinovich) 1011 Swetland Bldg., Cleveland 15
- 131 Miller, M. Gilbert, 12 W. Madison Ave., Youngstown 4
- 922 Millott, Henry C., 814 W. Washington St., Sandusky
- 1484 Mills, Alan B., Riggs Natl. Bank Bldg., Washington 10, D. C.
- 942 Mills, Thomas R., 1805 Knoxville Ave., Peoria 5, Ill.
- 221 Mills, Wilbur T., 152 S. Garfield Ave., Columbus 5
- 120 Mills, William, 241 W. Washington St., Nelsonville
- 239 Mitchell, Daniel (F. R. Walker) 1240 Huron Rd., Cleveland 15
- 282 Mitchell, G. Evans, 502 B. of L. E. Bldg., Cleveland 13
- 617 Mitchell, Walter K., 1269 Granger Ave., Lakewood, Cleveland 7
- 1222 Mollenkoph, Louis H. (Cinc. Union Terminal) 1301 Freeman Ave., Cincinnati 3
- 173 Moore, Downie W., 79 E. State St., Columbus 15
- 316 Moore, John H., 504 S. State St., Marion
- 611 Morgan, Walter J., 706 Elm St., Martins Ferry
- 1121 Morrill, Paul D. (Arch. Office) Ohio State University, Columbus 10
- 633 Morris, Fred M., 733 Nicholas Bldg., Toledo 4
- 696 Moss, Leslie, 1210 Drott Ave., Cincinnati 5
- 797 Motter, Laurence J. (Firestone and Motter) 1412 Cleveland Ave., N. W., Canton 3
- 1007 Moulthrop, Ray J., 234 Colonial Arcade Bldg., Cleveland 14
- 1637 Moyle, Walter C. (C. Melvin Frank) 66 E. Broad St., Columbus 15
- 1598 Mundy, Louis (McGeorge and Hargett) 7016 Euclid Ave., Cleveland 6
- 298 Munger, Harold H. (Britsch and Munger) 531 Nicholas Bldg., Toledo 4
- 1577 Murphy, Charles F., 80 E. Jackson Blvd., Chicago 4, Ill.
- 347 Murphy, Milton E. (Board of Education) 70 N. Broadway, Akron 8
- 1252 Musson, A. F. Noverre (Tibbals, Crumley and Musson) 584 E. Broad St., Columbus 15

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- 1558 Naess, Sigurd E., 80 E. Jackson Blvd., Chicago 4, Ill.
- 739 Nardini, Joseph A., 111 E. 4th St., Cincinnati 2
- 964 Nay, Harry Ray, Rt. 1, Cadiz Pike, Martins Ferry
- 1012 Neale, Sterling L. (Thompson Prod.) 2196 Clarkwood Rd., Cleveland
- 636 Neitzer, Ernest, 3028 E. 132nd St., Cleveland 20
- 589 Nelson, Ranger O., 459 Idora Ave., Youngstown 7
- 174 Neppel, Joseph P., 1799 E. 100th St., Cleveland 6
- 687 Nesmour, David W., (Giffels and Vallet) 1000 Marquette Bldg., Detroit 26, Mich.
- 389 Neuffer, George T. (Geyer and Neuffer) 437 Commercial Bldg., Dayton 2
- 1655 Newcomer, C. Edgar, 310 Washington Rd., Pittsburgh 16, Pa.
- 784 Nichols, Stephen E., 9232 Long Branch Parkway, Silver Springs 7, Md.
- 287 Nichols, Theo V., 16828 Kinsman Rd., Cleveland 20
- 959 Nicola, W. G., 990 West 3rd Ave., Columbus
- 1682 Nolan, Thomas J., 311 Kentucky Home Life Bldg., Louisville 2, Ky.
- 1181 Noland, John A. (Hunt and Allan) 914 Main St., Cincinnati 2

- 283 Norcross, Maxwell A., 7016 Euclid Ave., Cleveland 3
 1514 Normile, John (Meredith Publish. Co.) Des Moines 3, Iowa
 1210 Norris, Elton R. (Garfield) 412 Newman-Stern Bldg., Cleveland 14
 899 Norwick, Henry (Walker, Norwick and Templin) 1301 American Bldg., Dayton 2
 423 Nosek, Anton G., Jr., 71 Fitzwater Rd., Brecksville
 579 Nussmeyer, Harry H., 18 N. Franklin St., New Bremen

—O—

- 524 Oberlin, W. Ray, 1306 Holly St., N. W., Washington 12, D. C.
 840 Oborn, Charles W., 244 Windson St., Marion
 244 O'Brien, Harry J. (Keich and O'Brien) 912 Union Sav. and Trust Bldg., Warren 1
 326 Ockert, Paul J., 1836 Euclid Ave., Cleveland 15
 365 Ohler, Emory J., 12 Kurtz Ave., Dayton 5
 847 Older, George B. (Benham, Richards and Armstrong) 167 E. State St., Columbus 15
 1335 Olsen, Leif E., 5 S. Wabash Ave., Rm. 2106, Chicago 3, Ill.
 133 Omas, Galen F. (Pettit, Oman, Meinhardt and Cleland) 2901 N. High St., Columbus 2
 916 Oram, Frank W. (Nailock Div., Sanymetal Prod.) Cleveland 12
 1662 Orgler, Randolph J., 3643 Raymond Blvd., Cleveland 18
 427 Orr, Merle T., 77 Granville Rd., Newark
 186 Orr, Ralph R., 265 Oakland Park Ave., Columbus 2
 801 O'Shea, Michael B. (Bellman, Gillett and Richards) 518 Jefferson Ave., Toledo 4
 1441 Ott, J. Stanley (Planning Commission) 519 City Hall, Cleveland 14
 391 Outcalt, J. Edgar, 145 N. High St., Columbus 15
 422 Outcalt, R. Franklin (Outcalt and Guenther) 13124 Shaker Square, Cleveland 20
 485 Oviatt, Arthur N., Hudson, Ohio
 1505 Owings, Nathaniel A., 100 W. Monroe St., Chicago 3, Ill.
 151 Owsley, Charles F. (Owsley and Samuels) 211 N. Champion St., Youngstown 3

—P—

- 1212 Palmer, Clarence C., Union Trust Bldg., Parkersburg, W. Va.
 1632 Palmquist, Irving E., 4130 W. McNichols Rd., Detroit 21, Michigan
 1679 Pansiera, Donald, Lakeview Drive, Cincinnati 13
 127 Panzer, Robert R., 515 Hawthorne Ave., Cincinnati 5
 608 Pardonner, J. Hale, 1716 Brown St., Dayton 9
 321 Parker, Harold, 230 E. Market St., Sandusky
 860 Parrish, Rial T., U. B. Bldg., Dayton 2
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 393 Peal, Robert (Warrensville Hts.) 19207 Kings Highway, Cleveland 22
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 1156 Peck, Russell R. (Copper, Wade and Peck) 320 Heights-Rockefeller Bldg., Cleveland 18
 175 Pepinsky, Bernard, 1701 Union Trust Bldg., Cincinnati 2
 667 Perry, William Richard, 2882 West Liberty Ave., Pittsburgh 16, Pa.
 1445 Peterson, Roy T. (Peterson, Hoffman and Barber) 519 Spitzer Bldg., Toledo 4
 132 Pettit, Walter E. (Pettit, Oman, Meinhardt and Cleland) 2901 N. High St., Columbus 2
 1431 Pfeiffer, Reuben J., 2112 Commerce Bldg., Houston 2, Texas
 1330 Philpott, Harold M., 416 Boyes Ave., New Castle, Pa.
 1119 Pichler, Frank J., 17 S. High St., Columbus 15
 450 Pickering, Ernest, University of Cincinnati, Cincinnati 21
 1599 Pleasant, Lawrence M. (R. R. Royce) 2152 Riverside Dr., Columbus 12
 570 Popkins, Samuel K., 3235 Yorkshire Rd., Cleveland 18
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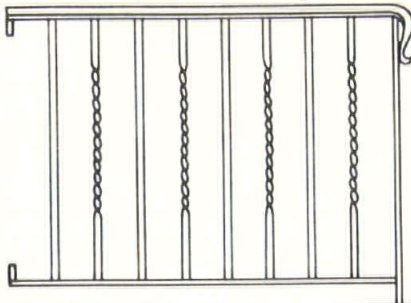
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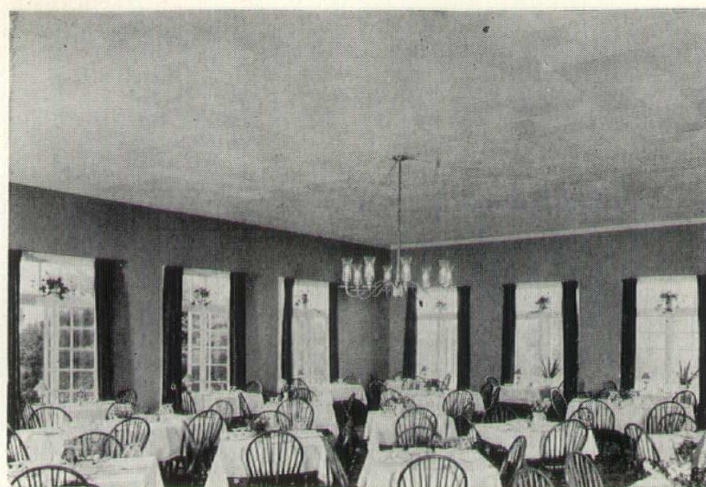
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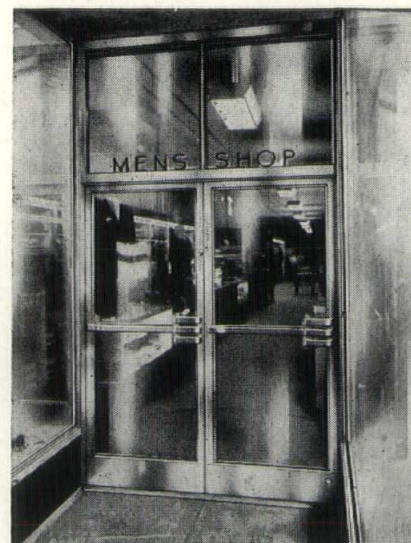
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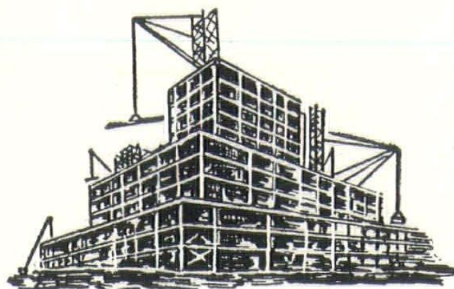
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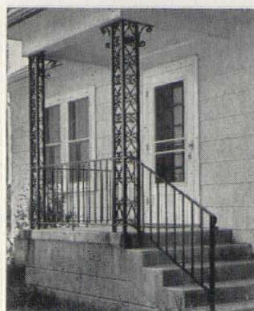
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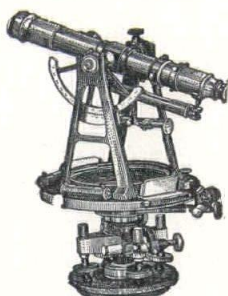
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199 Tresselt, William J., Columbus (12-23-47)
379 Ward, William B., Cincinnati (6- -47)
182 Wilhelm, Karl E., Massillon (5- 2-48)

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Effect of the April coal strike on output of iron and steel building materials is revealed in Department of Commerce figures for that month contained in the Department's forthcoming Construction and Construction Materials Industry Report.

Production of seven of the nine iron and steel items included in the Department's composite index of production of selected construction materials was down sharply in April from the previous month. Lower production was recorded in wire nails, fabricated structural steel concrete reinforcing bars, cast iron radiation, cast iron soil pipe and fittings, mechanical stokers, and galvanized range boilers.

Despite the output decline for iron and steel building products, the composite materials production index as a whole rose slightly in April, to 142.4 (1939-100) a gain of 1.5 per cent over the revised March figure. The March-April advance, however, was less than the normal seasonal expansion between these months and the seasonally adjusted index for April declined by 3.5 per cent.

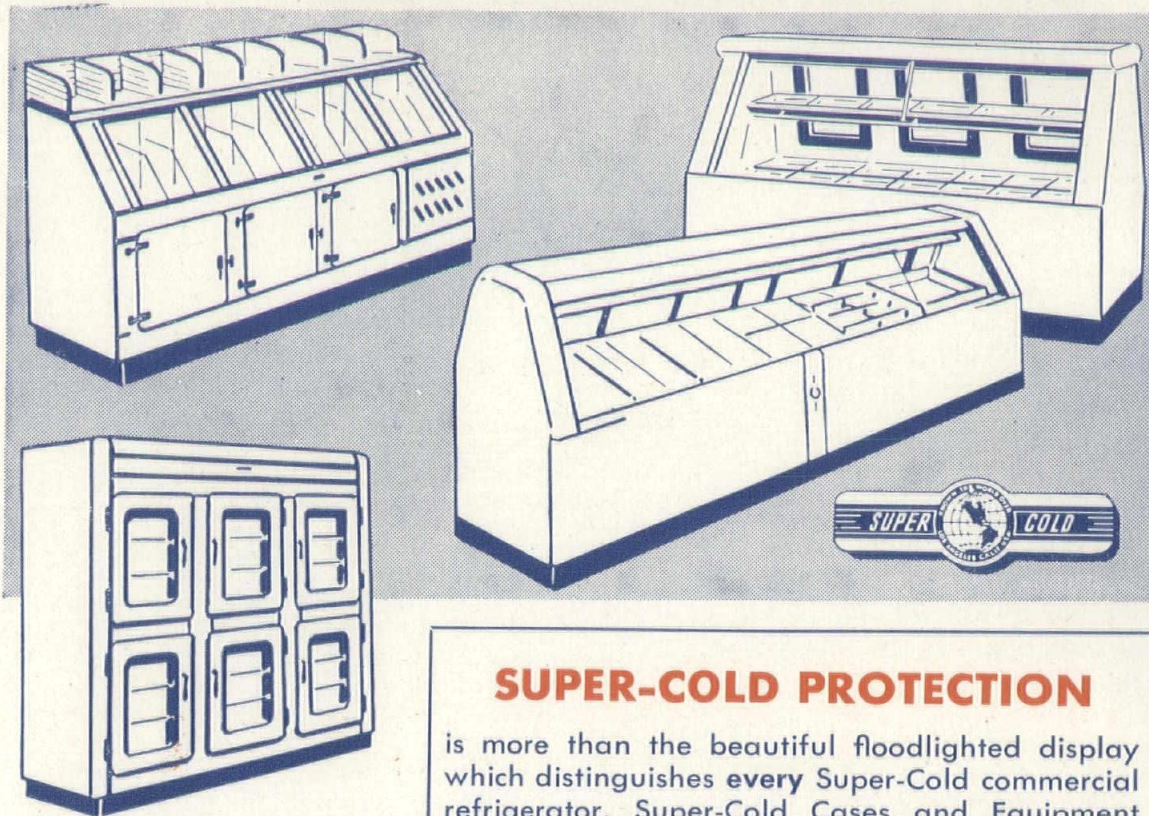
Production gains were noted in lumber, hardwood flooring, asphalt siding and felts, gypsum lath, brick, structural clay tile, cement, rigid steel conduit, and warm air furnaces.

Construction activity continued its usual Spring expansion in May, according to the Department's report, with total value of new construction put in place rising to almost \$1,450 million. For the first 5 months of 1948, total new construction activity amounted to about \$6,080 million, more than one-third larger than the total for the corresponding period of 1947. Almost half of this year-to-year increase, however, was a reflection of advancing construction costs.

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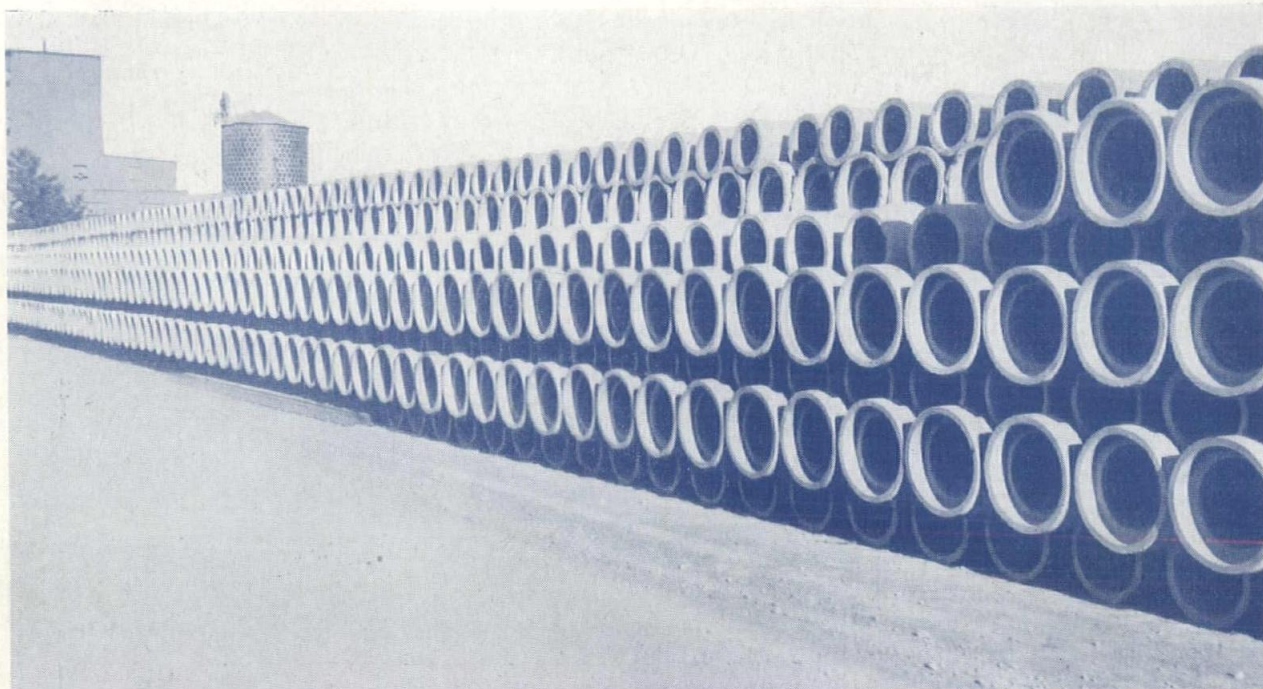
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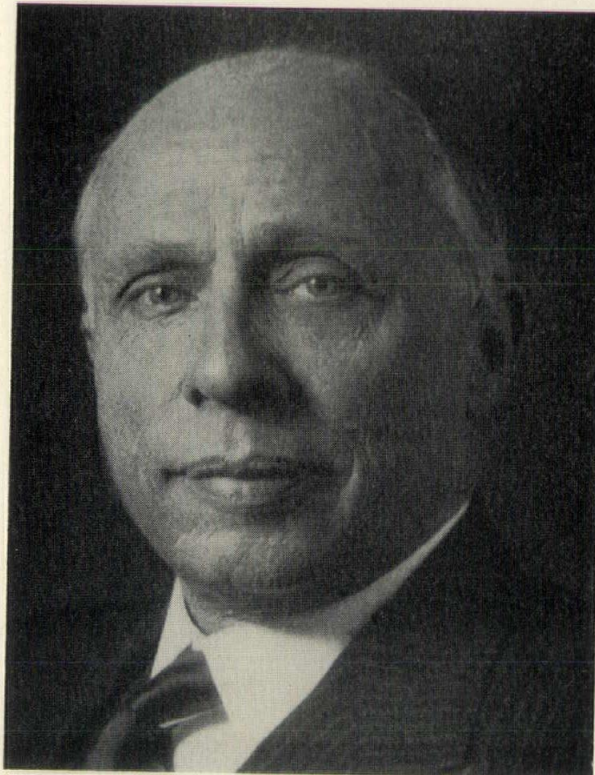
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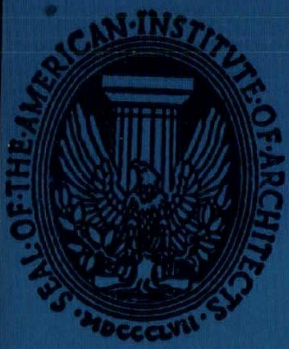
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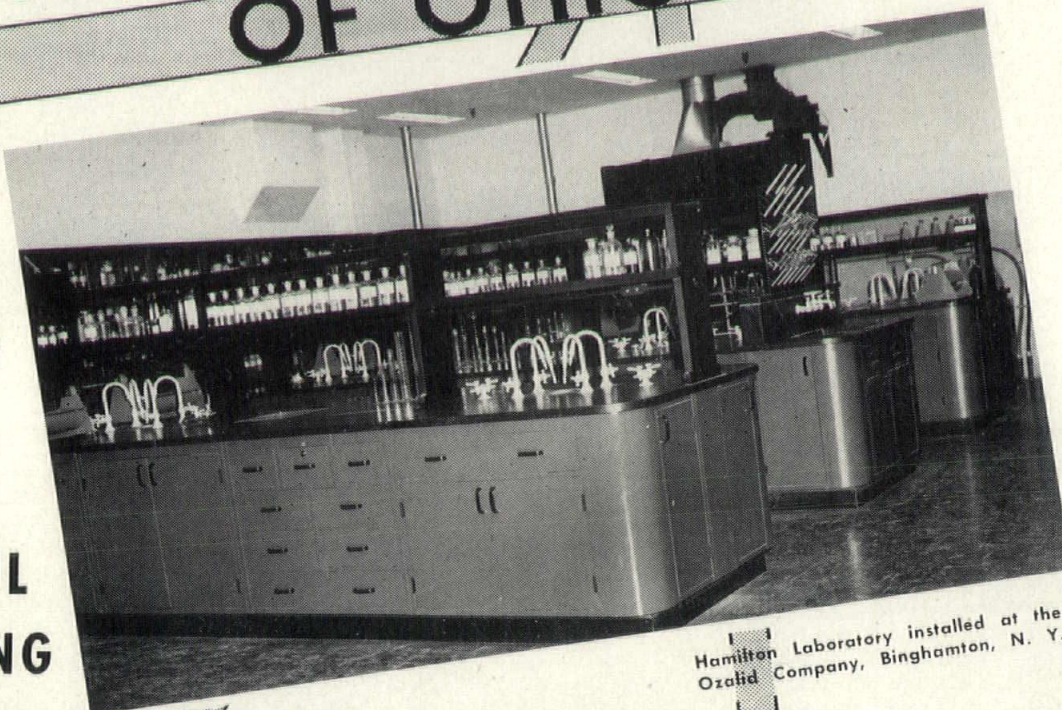
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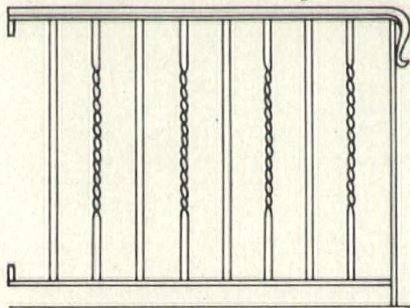
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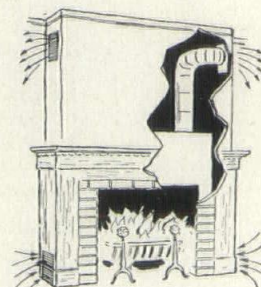
Also greater heat delivery, because (a) The fire is surrounded on three sides and above by steel plates conducting heat into the warm air chamber, thence to be distributed into the room (Note: open fire heat does not circulate) — (b) Rectangular walls of firebox provide greatest area of heated surfaces. (c) Distinctive design assures circulation across heated surfaces — no hot spots of stagnant heat. (d) Baffle sheets that augment heating of circulated air and retard heat losses. (e) Convenient installation. No supplementary insulation required.

You can count on long, dependable service from the Heatsaver. Surfaces in contact with the flame are heavy steel plates, $\frac{1}{4}$ inch or $\frac{1}{8}$ inch, according to location. Donley poker control damper is integral.

Users praise the Heatsaver earnestly and often. They are astonished at the amount of heat delivered and gratified at its trouble-proof operation, year after year. Many low cost homes and week-end lodges are heated by the Heatsaver alone.

*The charm of an
open fire...*

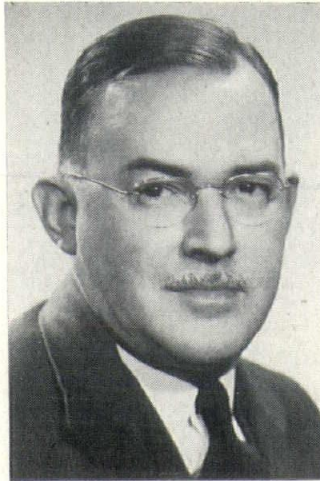
*The efficiency of
a small furnace...*



THE DONLEY BROTHERS COMPANY

13972 Miles Avenue, Cleveland 5, Ohio

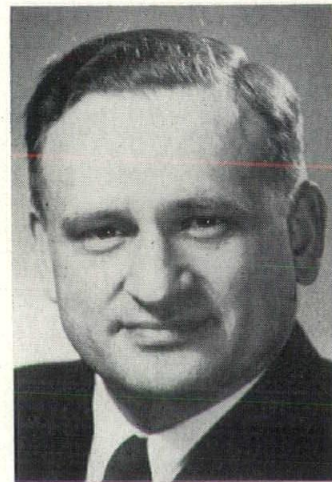
OFFICERS OF THE ARCHITECTS SOCIETY OF OHIO



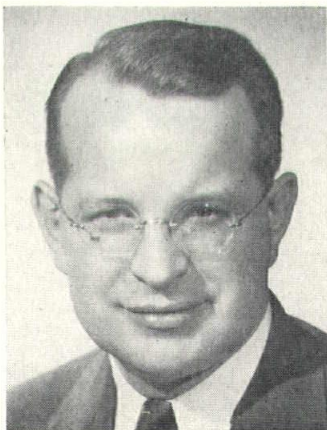
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COME TO DAYTON FOR THE SEMINARS

Members of the American Institute of Architects, students, and interested laymen are invited to attend the Second Annual Great Lakes District A. I. A. Seminar to be held in the Miami Hotel, Dayton, Ohio, on September 23 and 24, 1948. The subject matter is timely, and was chosen by majority vote of the A.I.A. members in the Great Lakes District, comprised of Michigan, Indiana, Kentucky, and Ohio.

Three topics will be discussed by outstanding experts in their fields. "Radiant Heating" will be the subject Thursday morning, while on Thursday afternoon "New Architectural Uses for Ornamental Glass, Plastics and Metals" will be considered. On Friday morning "The Architect's Legal Responsibilities" will be explained.

The program and some information regarding the speakers follows:

THURSDAY MORNING, SEPTEMBER 23, 1948

Radiant Heating

Russell S. Potter,

President, Architects Society of Ohio, Moderator

9:30 A. M.—Basic Principles

10:00 A. M.—Materials and Equipment. An illustrated talk by Mr. William P. Chapman, National Tube Co., Pittsburgh, Pennsylvania. A native of California, Mr. Chapman received his Mechanical Engineering degree from the University of California. After service in World War II, he received a research fellowship from Purdue University where he received his M. S. in Mechanical Engineering for studies in heat transfer, refrigeration and air conditioning. At present he is engaged in National Tube's radiant heating research laboratories to develop the heat characteristics of several radiant heating coils using steel pipe.

10:45 A. M.—Practical Considerations of Radiant Heating. Mr. Edward Scott, Consulting Engineer, Memphis, Tenn.

11:30 A. M.—Discussion—Questions and Answers.

12:30 P. M.—Luncheon. Chapter Officers of the Great Lakes District will meet in the Washington Room; others will lunch informally wherever they may choose.

THURSDAY AFTERNOON, SEPTEMBER 23, 1948

New Architectural Uses for Ornamental Glass, Plastics and Metals

Fred R. Louis

President, Kentucky Chapter, A.I.A., Moderator

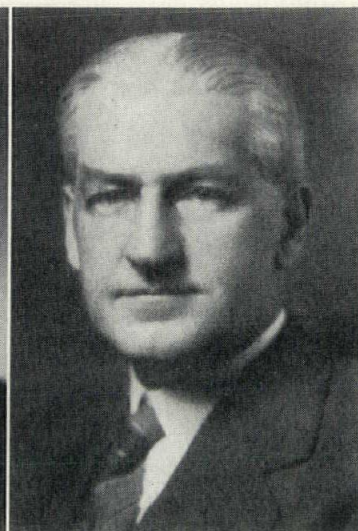
2:00 P. M.—New Uses for Ornamental Glass. An illustrated discussion by Mr. Frank Sohn, Libbey-Owens-Ford Glass Co., Toledo, Ohio. A practising architect in Iowa until World War I, Mr. Sohn became Art Director and Sales Manager of The Vitrolite Company, later a unit

of Libbey-Owens-Ford. A painter of distinction, Director of the Architectural Service Department of L-O-F, and a member of the Toledo Planning Commission, Mr. Sohn brings us the viewpoint of the practitioner as well as that of the manufacturer.

2:45 P. M.—Architectural and Decorative Uses for Plastics. Mr. Edward M. Linforth, Head of Design Section, Plastics Development Laboratory, Rohm & Haas Company, Philadelphia, Pa. A Californian and former student of the University of California, Mr. Linforth entered the fields of industrial design and mural decoration, then graduated from the Yale School of Fine Arts. In 1938 he became Assistant Professor in Art and Architecture at Sweetbriar College. Following the War, he returned to the field of Industrial Design, which led to his present connection.



WALTER TAYLOR
Educational Director A.I.A.



STANLEY PARKER
Authority on Contract Law

3:30 P. M.—New Uses of Metals in Architecture. Trace Christensen, Jr., A.I.A., The Kawneer Company, Niles, Mich. Mr. Christensen is chief designer of a company whose outspoken efforts for new uses of ornamental materials in commercial architecture has changed the facade of America's Main Street.

4:15 P. M.—Discussion—Questions and Answers.

6:30 P. M.—Cocktail Party—Compliments of the Dayton Chapter, A.I.A.

7:30 P. M.—Banquet, Great Lakes District, A.I.A. Presiding Officer—Adrian N. Langius, President of the Michigan Society of Architects.

Toastmaster—J. Frazer Smith, Memphis, Tenn., Chair—
(Continued on page 8)

COME TO DAYTON FOR THE SEMINARS

(Continued from page 7)

man of the A.I.A. Committee on "The Architect and Governmental Relations."

Welcome to Dayton!—Harry I. Schenck, President, Dayton Chapter, A.I.A.

Remarks by the Director—Kenneth C. Black, Director, Great Lakes District, A.I.A.

Address—"The Educational Program of the Institute"—Walter A. Taylor, Director, Department of Education and Research, A.I.A. Mr. Taylor grew up in Canton, Ohio, received an engineering degree from Ohio State, later did graduate work in Peking, China, obtained his degree in architecture from Columbia, served as an engineer for the Hoover Co. and Johns-Manville Corporation, later as architect and engineer for the Protestant Episcopal Church in China, returned to America where he served the Los Angeles Board of Education. In 1929 he became Associate Secretary of the Baptist Department of Architecture, New York City, and continued in that capacity until 1946; during the same period he lectured in History of Architecture at Columbia, was a consultant to the Interdenominational Bureau of Architecture, was a partner in the office of Hobart Upjohn, Architect, and from 1939 until 1946 was professor of Architecture, Syracuse University. Since 1946 Mr. Taylor has served the A.I.A. in his present capacity. He is an outstanding educator, an authority on ecclesiastical architecture, and recipient of many honors and awards.

FRIDAY MORNING, SEPTEMBER 24, 1948

The Architect's Legal Responsibilities

Raymond S. Kastendieck

President, Indiana Society of Architects, Moderator

9:30 A. M.—The Architect and the Law. Ralph W. Hammett, Professor of Architecture, University of Michigan.

10:00 A. M.—The Preparation of Contracts. Melvin D. Eames, Smith, Hinchman & Grylls, Inc., Detroit. Following his early training in the architectural offices of Chicago during the Sullivan era, Mr. Eames went to Detroit in 1897, going to his present office in 1905. In 1922 he obtained an LLB degree from Detroit College of Law. He has written more than six thousand contracts, not one of which was ever in court for an interpretation. Mr. Eames is the author of many published articles on building costs, cost estimating, and construction contracts.

10:30 A. M.—The Institute Documents. William Stanley Parker, F.A.I.A., Boston, Mass. Chairman of the A.I.A. Committee on Contract Documents, Mr. Parker has been a consultant on Contract Procedure to the Institute for many years. A graduate of Harvard, he is a former member of the Massachusetts State Planning Board, former Chairman of the Boston City Planning Board, former Chairman of the Massachusetts Federation of Planning Boards, Consultant to the National Resources Planning Board in Public Works Programming, 1939-43.

11:00 A. M.—The Architect's Legal Counsel. Leo T. Parker, Cincinnati, Ohio. Prior to World War I, Mr. Parker was a manufacturer, Admitted to the Ohio Bar in 1921, he is also a Registered Mechanical Engineer, Patent Attorney, and author and lecturer on legal matters related to architecture and engineering.

11:30 A. M.—Discussion—Questions and Answers.

12:00—Seminars Adjourn, to be followed by the Four-

teenth Annual Convention on the Architects Society of Ohio.

For the Ladies—Program During the Seminars and A.S.O. Convention

Thursday, 12:00 noon—Ladies will be taken by auto from the Miami Hotel, Convention and Seminar Headquarters, to The Dayton Art Institute, where they will be guests of the Dayton Chapter, A.I.A., will enjoy a luncheon on the Patio, and will then tour the Institute with Mr. Siegfried Weng, Director of the Art Institute, as their personal guide and lecturer.

Thursday, 6:30 P. M.—Cocktail Party, Adam Room, Miami Hotel, Courtesy, Dayton Chapter, A.I.A.

Thursday, 7:30 P. M.—Seminar Banquet, Empire Banquet Room, Miami Hotel; see Seminar Program for details.

Friday, 3:15 P. M.—Informal Tea and Fashion Show, Rike's Dining Room, Fifth Floor, Second and Main Streets. Courtesy, Dayton Chapter, A.I.A.

Friday, 6:30 P. M.—Cocktail Party, Adam Room, Miami Hotel, Courtesy, Dayton Chapter, A.I.A.

Friday, 7:30 P. M.—Annual Banquet, Architects Society of Ohio, Empire Ball Room, Miami Hotel.

See convention program for details.

Saturday Morning—No definite program planned, to permit individual choice of activities.

The Ladies' Committee, Dayton Chapter, A.I.A.

Mrs. Donald Bolinger, Chairman

Mrs. William Wertz

Mrs. Wayne Bell

Mrs. James Reed

Mrs. Henry Reuther

DAYTON COMMITTEE DOING SPLENDID JOB ON CONVENTION ARRANGEMENTS

Architects who attend the 1948 Seminars and Convention in Dayton on September 23-25 will find every detail of the program and arrangements completely cared for by an energetic committee of Dayton Chapter members.

Ralph Carnahan, Past-President of the Architects Society of Ohio, under whose administration the Ohio Unification Plan was worked out with the A.I.A., is Convention Chairman and Chairman of the Dayton Seminar Committee. Assisting him are Harry I. Schenck, President of the Dayton Chapter, Emory J. Ohler, Michael Lusiano, John Sullivan, Jr., Donald D. Bolinger, George Seibenthaler, and Robert B. Grannis.

The members of the Ladies Committee are listed elsewhere in this issue with their program of activities.

This is the second series of Seminars to be held in Dayton, Ohio, by the Great Lakes District of the American Institute of Architects, the first regional group of the Institute to officially sponsor such a program. The high quality of the seminars and the enthusiastic response accorded by the membership is a tribute to the administrative ability and leadership of the District Director, Kenneth C. Black, Lansing, Michigan, who has acted as General Chairman of the Arrangement Committee.

For the younger members and their wives, and for those who still claim to be young, the committee is preparing a complete directory of the night spots in Dayton, including the very novel metal-lath and plaster reproduction of a D-3 in the Flagship Room of the Hotel Miami.

OHIO ARCHITECTS TO HOLD FOURTEENTH ANNUAL CONVENTION

Plans have been completed and announced concerning the Fourteenth Annual Convention of the Architects Society of Ohio, to be held at Hotel Miami, Dayton, Ohio, on September 23 and 24, 1948. Under the able chairmanship of Past-President Ralph Carnahan, the convention committee has prepared a program which is so full that the first order of business may have to be the adoption of the closure rule to limit discussion on any one of many important topics to be considered.

The committee is especially anxious that Ohio architects will come for the very fine Great Lakes Seminar series and then stay on for the extra day to consider current topics very important to the profession in our state at this time. The Society also extends a cordial invitation to the architects from neighboring states to stay over and observe Buckeye architects in action.

One feature which will attract public interest is the annual competition as announced in the August issue of the OHIO ARCHITECT. Last year some ninety entries were submitted, and it is hoped that an even larger representation of new work will be displayed this year.

Architects are urged to bring their wives to the convention. The Ladies Committee of the Dayton Chapter, A.I.A., has prepared an interesting program for the entire group, and many other special trips of interest in the Gem City can be arranged for those desiring them.

Program

September 22, 1948, 4:00 P. M. Executive Board Meeting, Architects Society of Ohio. Any resolutions or special items for consideration at the convention should be presented to the committee for preliminary consideration.

September 23-24 — Registration for the Convention, Mezzanine Floor, Hotel Miami.

September 24, 1948—Luncheon meeting, Adam Room, 12:00 Noon. Welcome by Mr. Harry Schenck, President Dayton Chapter, A.I.A. The proposed A.I.A. Negotiated Fee Contract for Architectural Services—Mr. Clarence B. Litchfield, New York City. The Ohio Recommended Minimum Fee Schedule—Mr. George Marshall Martin, Chairman of A.S.O. Committee on Professional Relations. Annual Business Meeting, Empire Ball Room, 1:30 P. M. Committee Reports. Resolutions. Nominations and Election of Officers. New Business. The Annual Competition Exhibit, Fraternity Room, 5:30 P. M. Cocktail Party, Adam Room, 6:30 P. M. Compliments of the Dayton Chapter, A.I.A. The Annual Banquet, Empire Ball Room, 7:30 P. M. Principal address: "The Development of Modern Residential Architecture," by Mr. L. Morgan Yost, Kennilworth, Illinois.

September 25, 1948, 9:00 A. M. Room to be announced.

Organization meeting of newly elected Executive Board, and further consideration of any items of new business by the convention.

QUEEN CITY ARCHITECT SERIOUSLY ILL

Members of the Cincinnati Chapter, A.I.A., volunteered recently to donate blood for transfusion to help Harry M. Price who has been seriously ill for weeks. A victim of the rare disease, leukemia, Mr. Price has successfully survived three attacks, and his fellow members are counting on his stout heart and strong will to aid the doctors in pulling him through his present illness.

ARCHITECT

MIAMI HOTEL IS HEADQUARTERS

The Great Lakes District Seminars and the Architects Society of Ohio of the American Institute of Architects will hold their annual meeting at the Miami Hotel, Second and Ludlow Streets, Dayton, Ohio, from September 23-25, 1948.

Located in the heart of downtown Dayton, The Miami Hotel is ideally arranged for architects meetings. A 400-room, twelve story fireproof structure, it has numerous luncheon and conference rooms, and its Empire Ballroom will be used for the meetings and the banquets. The Adam room, just off the lobby on the first



Dayton's Beautiful Miami Hotel

floor, will accommodate 200 at the luncheon meetings, and a good many more for the cocktail hour.

The hotel management has assured the convention committee that it will do its utmost to make your visit to Dayton one to be remembered for pleasant surroundings, good food, and courteous service.

All members of the American Institute of Architects residing in the Great Lakes District have received reservation cards for hotel accommodations, and it is hoped that they have acted promptly in returning these cards.

OUR APOLOGIES

Our attention has been called to an error in the Roster of Registered Ohio Architects printed in the August, 1948 issue of "Ohio Architect." Horace W. Wachter is not connected with Copper, Wade and Peck as listed.

ARCHITECTS ANNOUNCE NEW PARTNERSHIP

Chester N. Lowe, Architect, and Samuel K. Popkins, A.I.A., Architect and Professional Engineer, have associated for the general practice of architecture in their new offices at 8931 Carnegie Avenue, Cleveland 6, Ohio.

[September, 1948] 9

LEGAL ASPECTS OF FEE SCHEDULES

At its annual meeting last June, the Board of Directors of the American Institute of Architects resolved that its Department of Public and Professional Relations and its Legal Counsel advise each of its member organizations as to the legal aspects of local fee schedules. Portions of those recommendations were:

"The important legal aspect of a fee schedule is that there be in it no element of compulsion on the local architect to observe the schedule as a factor affecting his Institute or local membership status. In some organizations of other professions and businesses, where schedules of fees are set up, the schedules have been obligatory and variations from them have been the basis of censure or expulsion of the member varying from the schedule. In some cases this obligatory fee schedule system has resulted in criminal prosecution by the Department of Justice.

"The fees state by the Institute as desirable generally, are not on a mandatory basis but a recommended basis.

"The Institute believes that it is to the interest of the general public, as well as the profession, to familiarize a client with architectural services and appropriate compensation for that service. It is believed desirable that the client understand exactly what each part of a proposed fee covers—so much for plans, so much for supervision, etc. It is recognized that conditions of service and appropriate fees may vary throughout the United States, and that service and fees must be adapted to prevailing local customs and practice.

"The Institute calls to your attention that in establishing a Schedule of Fees, and in outlining conditions of service, The Chapters, State Associations and Organizations should avoid the promulgation of any Schedule on a mandatory basis or of any Schedule or instructions that may indicate an attempt to enforce a restraint in trade, so that they do not render the members of the profession or the organizations liable to a charge of violating the Sherman Anti-Trust Act."

It should be noted that this in no way alters the Institute's Document No. 330, "Standards of Professional Practice," which defines good ethical behavior as applied to the profession, violation of which is subject to discipline by the Institute.

ARCHITECTS AND ENGINEERS RECOMMEND MINIMUM FEES TO STATE

Recently officers of the Architects Society of Ohio interviewed Mr. George B. Sowers, Director of Public Works, State of Ohio, and presented to him the Society's Recommended Schedule of Minimum Fees for Architectural Services. Noting that the Architects' schedule corresponded very closely with the fee schedule prepared for professional engineering services by the Ohio Society of Professional Engineers, Mr. Sowers recommended that the two organizations prepare a joint schedule for professional technical services on State of Ohio projects.

Through the efforts of the A.S.O. Committee on Professional Relations, headed by Mr. George Marshall Martin of Cincinnati, and of the O.S.P.E. Committee on Professional Relations, whose chairman is Mr. B. W. Cornelius of Columbus, a joint Schedule of Recommended Minimum Fees on Projects of The State of Ohio was prepared. We quote from the letter of transmittal sent to Mr. Sowers by Mr. Russell Potter, President of the A.S.O., and Mr. John J. Heier, President of the O.S.P.E.:

"It was found, in comparing the separately published

schedules of the two professional societies, that the differences to be reconciled were very slight. Both Societies had independently reached the conclusion that the percentage of construction cost used as a fee should vary within limits with the magnitude of the project and for the type of projects under consideration the published percentage rates were almost identical.

"You will find enclosed the schedule to which both societies subscribe. It should be noted that certain provisions of the current State Contract Form are at variance with long established practice upon which the enclosed schedule is based.

"These are:

1. The furnishing of topographic surveys.
2. The furnishing of detailed estimates of quantities and costs.
3. The furnishing of full time superintendence.

"A topographic survey with full information concerning existing utilities is part of the basic information furnished by the clients and if the architect or engineer is required to furnish this data his fee should be adjusted accordingly.

"Preliminary estimates of cost based on the area or cubage of the proposed construction are furnished as part of the Architect's or Engineer's normal services. Quantity surveys and detailed estimates of cost, based on completed working drawings and specifications, however, are in addition to normal services except in case of general engineering projects.

"Full time resident superintendence is distinguished from normal supervision and if desired its cost should be borne by the client.

"We are convinced that the schedule recommended for your consideration represents the minimum fees adequate for proper service."

Schedule of Minimum Fees for Normal Architectural and Engineering Services on Projects of the State of Ohio

*As Recommended by The Architects Society of Ohio
and The Ohio Society of Professional Engineers*

| Project Cost | Fee Rate |
|----------------------------|----------|
| \$1,000,000 and over | 6.00% |
| 500,000 and over | 6.25% |
| 350,000 and over | 6.50% |
| 225,000 and over | 6.75% |
| 100,000 and over | 7.00% |
| 75,000 and over | 7.50% |
| 50,000 and less | 8.00% |

For project costs not listed the fee rates shall be determined by interpolation. The above rates are for new construction. For alterations, add 3.00% to the indicated fee rate.

CINCINNATI ARCHITECTS IN NEW QUARTERS

The well-known firm of Potter, Tyler and Martin, Cincinnati architects, located for several years in the Kroger Building, were forced to seek new quarters when the chain-store organization decided to expand its general office facilities. They have chosen larger quarters in the Reakirt Building, 128 East Sixth Street, Cincinnati 2, Ohio. For some reason they choose office space related to food operations; this time they are in a building whose first-floor occupant is Mrs. Pressler, a cafeteria operator, and whose next-door neighbors have barbecue pits vented just below the P-T-M office windows.

STRUCTURAL CLAY PRODUCTS INSTITUTE ENTERTAINS APPRENTICES

First of pace-setting Ohio's crop of postwar brick mason apprentices to receive journeyman cards were honor guests at "graduating ceremonies" in Toledo, Canton and Cleveland. Along with their BM & PIU cards, all "new" journeymen are receiving special recognition in the form of individually engraved lighters from the Ohio Region of the Structural Clay Products Institute, according to Executive Secretary K. B. Harris.

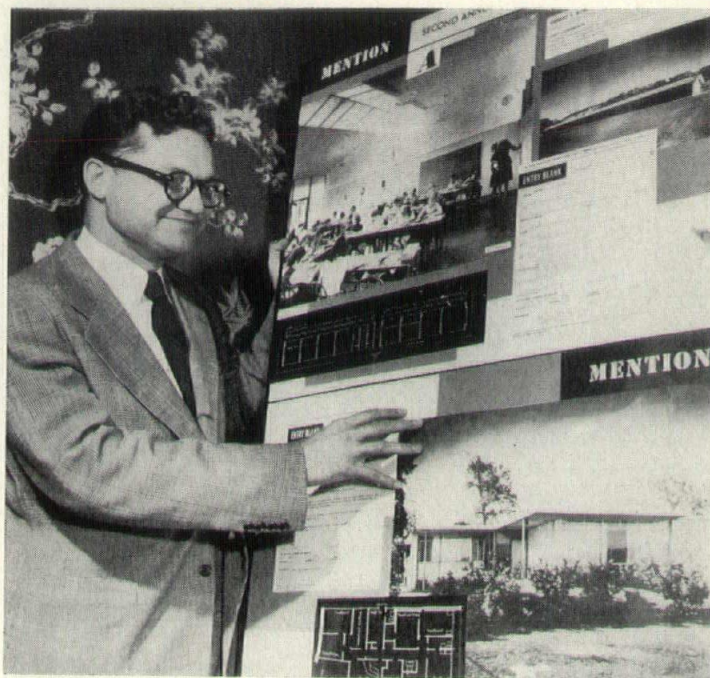
In Toledo, 18 "graduating apprentices" occupied the spotlight at a special dance given by Local No. 3. Canton Masonry Joint Apprentice Committee and 9 of the 63 boys in Local No. 7's school completed their training. In Cleveland, 12 boys from Local No. 5 finished their apprenticeship and "commencement exercises" were held at the Cleveland Trades School.

With over 1,200 brick-layer apprentices, Ohio continues to lead the country in number of apprentices. V. J. McDevitt, formerly of the V.A. in Akron, now is the Ohio Region educational engineer and he is devoting his entire time to mason training activities in Ohio, western Pennsylvania and West Virginia. In addition to union and contractor cooperation, interest of local and state educators and the ATS is proving invaluable to the success of mason training in the area served by OBTI.



John Jockel of Cleveland, secretary of Ohio Conference, BM & PIU, is guest speaker at Canton JAC Apprentice Recognition Dinner.

Below: At the speaker's table in Canton (left to right) Bill McCune, itinerant masonry instructor; G. F. Malick, director Timken Vocational High School; H. S. Vincent, superintendent Canton schools; Paul Belden, chairman SCPI Apprentice Training Committee; John Jockel, secretary Ohio State Conference BM & PIU; Charles Gerace, secretary Canton JAC and Local No. 7 BM & PIU. Warren Hoffman, chairman of the Canton JAC was just out of camera range.



"Courtesy, Salt Lake City Tribune"

Winner of an award for the second successive year in **PROGRESSIVE ARCHITECTURE'S** Annual Competition, Ernest J. Kump, San Francisco, California, posed beside his winning exhibit at the 80th annual A.I.A. convention in Salt Lake City. Mr. Kump ardently supported the resolution presented from the floor and passed at the Salt Lake City meeting recommending to the Institute Board that it award the Gold Medal to Frank Lloyd Wright for the impact and awakening effect of his personality upon the architectural profession during the decades contemporary to his career. Mr. Kump is also author of the guest editorial, "Can We Separate Architecture and Planning" which appeared in the September Journal of the American Institute of Architects.

Wallace G. Teare has been named President of the Cleveland Chapter, A.I.A.; Paul G. Ruth, Vice-President; Edward Hodgman, Secretary, and Carl F. Guenther, Treasurer.

* * *

The A. I. A. Convention in 1949 will be held in Houston, Texas, March 15-18 (subject to possible slight change by the Board). The 1950 Convention will be in Washington, D. C. Boston has issued an invitation for 1951, New York City for 1952.

THE CHURCH and THE ARCHITECT

Published by the Church Architectural Guild of America, an organization devoted to the promotion of excellence of design in church architecture and the allied arts, and located at 419 Fourth Avenue, New York, N. Y.

A work of noble art is in itself, by its composure and perfection, a peace giver, a restorative, a sanctuary for the moment inviolable.

There are two parties vitally concerned in any church building or remodeling program. The Party of the First Part is The Church, the congregation and pastor who would crystalize and symbolize their faith and hopes and dreams in a place of worship, who would build a House for God of which neither He nor they shall ever need to be ashamed.

The Party of the Second Part is the Architect—the skilled technician and designer, trained in the high art of working out men's dreams in enduring and fitting materials; in building strength and beauty into the entire ecclesiastical structure.

These two must work together, if the building is to be good, beautiful and true. Each demands certain work and functions of the other; there are certain things each must and must not do.

Suppose we consider first the part of the church.

The Church

In order to build a working team of a devoted people who know what they want and an architect who can plan and design it, the church must:

1. Survey Your Community

Know in advance the needs you must meet. A house-to-house canvass is advisable; it will reveal much you never knew existed in the community. This survey should at least outline the needs and problems of special groups—transients, tenants, home owners, students, church-school prospects, the church and the unchurched. It should take account of the residential, industrial and commercial trends, of the presence of a YMCA or other year-round recreational projects—all of which may drastically influence the type of church you will build. With this material in hand, you will be ready to plan a really comprehensive program for the future.

2. Consult a good church architect.

Not just any architect, but one experienced in ecclesiastical planning and design, if you hope to plan intelligently for your future growth. If the purchase or use of a new site is contemplated, the architect should be consulted *before* the site is determined upon; he is trained to know whether or not the land will best "fit" your architectural and economic needs. Many seemingly desirable sites may upon analysis of contours, dignity of location, zoning and build-laws, adaptability, etc., be distinctly undesirable.

3. Organize a General Council for the project

This General Council should include representatives from every department and interest in the church. Take full advantage of the experience of your church-school staff in planning your educational plant, of the ladies in planning your kitchen. It is advisable at this point to divide the work of the church under four sub-committees, working under the General Council. (The Council will of course be governed and guided by the Board of Trustees or by whatever every body is by law authorized to hold the property and act for the church.) The Executive Committee of this General Council

should be made up of the Chairman of the Council, plus the four chairmen of the following four sub-committees.

(A) The Program Committee

This committee will prepare recommendations on facilities and equipment to be provided, list all needed rooms and the desired capacities of all rooms, suggest duplicate use of space and rooms and check preliminary plans to see that these needs have been met. It will study the possibilities of various programs of worship, the most successful methods in religious education adaptable to this particular church, and the recreational and service activities necessary. Wise counsel can be secured here from denominational or inter-denominational agencies.

(B) The Construction Committee

This is really your committee of final authority. It should be empowered to decide upon and employ the architect, working under the laws and provisions of the church. Some call this the Building Committee; by any name, it is directly responsible for the work of actual construction. It goes to work only *after* the Program Committee and the General Council have done their work and submitted their recommendations. This committee works directly with the architect and in consultation with him, decides all questions of detailed planning, selection of materials, equipment and appliances, selection of the contractor or contractors.

(C) The Publicity and Promotion Committee.

This committee will use every available means to call the attention of the congregation and the public to the building project. It will cooperate with the minister in supplying building materials; it will encourage the study of church symbolism, architecture and the arts in the church school. It will gather material for newspaper publicity, cooperate with the Finance Committee in preparing the prospectus for the campaign, help prepare and publicize plans for such special celebration as ground breaking, cornerstone laying, dedication, etc.

(D) The Finance Committee

The name denotes the function here. It will be necessary for this group first of all to consult with denominational agencies, to avoid embarrassment to both the church and the denomination in money-raising techniques. The maximum money available, and the amounts of money to be available at definite periods as the financial campaign progresses, should be determined and stated before any plans, even the preliminary sketches, are drawn. The capable architect will then know, in the very earliest stages, just how much building can be had for the money in sight; it is important that he should know just how and when the money is to come in, during the balance of construction.

The Finance Committee will set up a program suited to the congregation and the community; earmark adequate amounts for plans, designs, engravings, pictures, publicity, etc.; seek regular monthly contributions rather than large single gifts—\$10 per month for 10 months, for instance, rather than one gift of \$100; assign carefully selected and trained canvassers; determine before any contracts are let, the maximum amount of

(Continued on page 13)

THE CHURCH AND THE ARCHITECT

(Continued from page 12)

debt the church should assume, the amount of cash to be on hand and the amount to be subscribed, and arrange special collections on special days to provide a fund over and above the amount necessary.

So much for the church. Now let's see what the church may expect of the architect.

The Architect

The architect is a member of one of the world's most learned professions. He should be a man of high technical skill and knowledge, business and executive ability. He has studied in liberal arts, literature and history as well as in business administration, design, architecture and engineering. To practice his profession, he must be licensed (with the exception of a few small states) in each and every state in which his buildings are to be erected, and to obtain such a license and become a Registered Architect, he must pass rigid examinations. When you select your architect, look well to his background; be sure you do not get a mere "plan drawer" who may be a builder or draftsman with a smattering of architectural knowledge.

This architect must be skillful, above all, in ecclesiastic design. His artistic judgment should be based upon a deep religious sense of the purpose for which his work is created. Coupled with this must be a real knowledge of historical ecclesiastical architecture and the proper degree to which this historical precedent should be modified to meet the trends, needs, ideals and inventive progress of modern times.

There are two methods of determining upon an architect:

1. *By direct selection.* It is quite proper for the Building (or Construction) Committee to interview several architects, to review their past work and experience, and to learn from them how they would approach, in a general way, the specific building program in hand. It is unethical, however, for any architect who is a member of the nationally recognized American Institute of Architects to prepare any sketches or other drawings of any kind, whether free of cost or not, as long as any other architect is being considered for employment by the Committee. Also it is well to keep in mind that the Construction Committee, and never the minister, on his own initiative, selects the architect.

2. *By Competition.* If such a competition is desired by submission of sketches, drawings or other data, reputable architects will enter only when it is conducted under methods of procedure approved by The American Institute of Architects, which usually provide that each competitor be paid a stipulated sum for the drawings which he submits in an *anonymous competition*. If you wish to consider this competitive method, write to the Secretary of the Church Architectural Guild, and he will furnish you with complete information.

As soon as the church has selected the architect, both parties should enter into a contract covering in detail the services to be performed by the architect and the fee to be paid him. The professional services of the architect and the compensation for such work, to be paid for by the church, divide usually into five separate stages or "parts." Advance sketches and other data are at times desired by the church before entering into the

(Continued on page 14)



RAIL STEEL REINFORCING



COCA COLA BOTTLING WORKS CO., CINCINNATI, OHIO
Architect: John Henri Deekin Contractor: The Ferro Concrete Construction Co.

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MILLS: MARION, OHIO

THE CHURCH AND THE ARCHITECT

(Continued from page 13)

formal contract, but such work should be performed by the architect only if he has the definite assurance of the church that, if such sketches and data are in general satisfactory, the church will enter into the formal contract. (See also below, under "Consulting Architect.")

PART I: *Preliminary drawings and outline specifications.*

Rough plans and exterior designs of one or more suggested solutions of the problem; these to be revised or modified until a general solution is obtained that meets the approval of the church. Then a final set of plans, elevations, sections, drawn to scale, and an outline specification, all sufficient to determine an approximate estimate of cost.

If, upon the completion of the above work, the church should desire to terminate this contract, it may do so and be under no further obligation to the architect.

PART II: *Contract drawings and specifications.*

The preparation, in the rough, of all basic drawings and of all parts of the specifications as are necessary for an intelligent, complete and final review by the church. Written approval should be given by the church of the above data, and a complete set of all the documents filed away by both church and architect. The scale of the above drawings shall be such as are adequate, in the opinion of the architect, for a clear interpretation of all essentials.

PART III: *Final working drawings and specifications.*

Final and complete architectural, structural, and mechanical plans, elevations, sections, details and specifications necessary for qualified contractors to intelligently make their estimates.

If and when such estimates are taken, or contracts are awarded, the architect may assist in the preparation of all necessary contract documents.

PART IV: *Additional drawings, specifications and data.*

As the work of building progresses, the builder will require additional drawings and other information to properly execute the working contract drawings and specifications. This work includes the coordination of all architectural, structural and mechanical shop drawings, and the preparation of large-scale and full-size architectural details as necessary. It includes details of such items as woodwork, stonework, windows, stairways, wall sections, etc. It does *not* include any special designs such as may be required for built-in furnishings, organs, sound amplification or other special mechanical installations for which the architect is entitled to an additional fee.

PART V: *Architectural supervision.*

This provides for a thorough and systematic inspection by the architect of the building, from inception to completion, as frequently as is deemed by him necessary to assure the church that the contract or contracts are being faithfully executed; and that the payments to the contractor or contractors are based upon the work satisfactorily completed and approved by the architect. This supervision by the architect must be distinguished from the continuous personal superintendence to be obtained by the church's clerk-of-the-works, if such a full time superintendent is deemed necessary of employment by the church.

The Consulting Architect

At times the church may, to its distinct advantages, engage the services of a Consulting Architect to assist in the initial set-up of the construction program and also to crystalize the first stage of the work by preparing the publicity and preliminary drawings and specifications. (See above under Architect, Part I, Preliminary Drawings and Outline Specifications.) After this complete preliminary procedure has been established, the church is then free to proceed further, as its interests may dictate.

A Consulting Architect can also be of service when the church, for reasons of its own, may engage an architect who has not specialized in ecclesiastical work, competent though he may be in other types of design.

In either case, it is hoped that the Church will maintain its contact with the Consulting Architect until the completion of the project.

The Interdenominational Bureau of Architecture

Available also, and of tremendous value in the early stages are the consultant services of the Interdenominational Bureau of Architecture. It provides valuable literature written out of long experience in the field. Address your inquiries to The Director, 297 Fourth Avenue, New York 10, N. Y.

Architect's Fees

Architectural fees vary in different sections of the country. For church work, they are usually higher than the fees charged on other building projects (such as commercial and industrial buildings, for instance), because they involve far less repetition and far more detail and call for more time on the part of the architect in committee meetings, consultations, etc.

It is customary to:

1. Grade the fee in relation to the cost of the project; i. e., the lower the cost, the higher the percentage of the fee, and vice-versa.

2. Increase the normal fee for buildings to be erected a part at a time, or for alterations to existing work.

The architect's fee is paid as may be agreed upon, during the progress of his work. It is suggested that the church consult the standard form of contract between owner and architect, as issued by The American Institute of Architects, for more detailed data.



POTTER APPOINTS SPECIAL COMMITTEES

Russell S. Potter, President of the Architects Society of Ohio, has announced the appointment of two special committees who will present their reports at the annual 1948 convention.

The Resolutions Committee has three members, Michael B. O'Shea, Toledo, Ohio, Howard Dwight Smith, Columbus, Ohio, and John F. Suppes, Permanent Building, Akron, Ohio. Suggestions for needed resolutions should be forwarded to the chairman.

The Nominating Committee has a representative from each of the six chapters in the Society. They are Willis A. Vogel, Toledo, Ohio; Thomas J. Tully, Columbus, Ohio; Paul C. Ruth, Cleveland, Ohio; Milton R. Williams, Dayton, Ohio; Ramsey C. Findlater, Cincinnati, Ohio; and John H. Samuels, Chairman, Youngstown, Ohio. This committee will present a slate of candidates for the offices of President, three Vice-Presidents, Secretary and Treasurer of the Society. Nominations from the floor are also in order.

CONSTITUTION AND BY-LAWS FOR THE ARCHITECTS SOCIETY OF OHIO OF THE AMERICAN INSTITUTE OF ARCHITECTS

Article I. Name of the Society:

Section 1.

(a) The NAME of this organization shall be the "ARCHITECTS SOCIETY OF OHIO OF THE AMERICAN INSTITUTE OF ARCHITECTS," hereinafter referred to as the "Society," which is a non-profit state organization duly chartered by the American Institute of Architects.

(b) Application of Terms. All reference in the Constitution and By-Laws to "Society," "board," "committee," "officer," "members," "meeting," or other similar designations, shall pertain or refer to the Architects Society of Ohio of the American Institute of Architects.

Article II. The Objects of the Society Shall Be:

Section 1.

(a) To unite the Architectural profession within the State of Ohio to promote and forward the objects of the American Institute of Architects.

(b) To represent and act for the profession within the State of Ohio in all legislative matters effecting the practice of Architecture.

(c) To promote educational and public relation programs for the advancement of the profession.

Article III. Organization:

Section 1. The Society shall be a non profit organization composed of members of classifications and with qualifications, dues, and privileges as set forth in these Articles.

Article IV. Membership:

Section 1.

(a) The Society shall consist of all corporate members and all associate members of all Ohio Chapters of the American Institute of Architects. Every registered architect in the State of Ohio is assigned to the jurisdiction of the Chapter of the American Institute of Architects which covers the area in which he practices or resides.

(b) Corporation member shall be defined for use throughout this document to define bona-fide members in good standing of the American Institute of Architects without reference to whether the same arise from an incorporated body or individual persons.

Section 2. Each year the Society shall promote Corporate or Associate membership in the American Institute of Architects for all Registered Architects in Ohio who are not then Corporate or Associate members. Applications, as received, shall be referred for action to the respective Chapter to which the applicant would be assigned.

Section 3. Honorary Membership. Any person of good character who is in sympathy with the objects of this Society and who has rendered meritorious service to it or to the profession of architecture or its allied arts, shall be eligible for Honorary Membership, without the right to vote.

Section 4. The Secretary of each Ohio Chapter of the American Institute of Architects shall file with the Secretary of the Society the names of all corporate members and associate members in good standing at the beginning of each year and shall keep said list up-to-date at all times. The Society shall issue to all persons, who have been thus certified, cards indicating their membership in the Society.

Section 5. The grant to and the exercise and use by a member of each and every right and privilege granted by the Constitution and By-Laws shall be conditioned upon the professional conduct and good standing by payment of Society and Chapter dues of the member in his Chapter.

Article V. Officers of the Society:

Section 1.

(a) The Officers of the Society shall be a President and Three Vice Presidents, a Secretary and a Treasurer. The immediate Past President automatically becomes the member of the Executive Board, which is not an elective office. All elective officers shall be corporate members of the Institute.

(b) All Officers shall be elected for one year. No Officer shall be eligible for re-election to succeed himself more than once, except the Secretary who may not hold office longer than two consecutive years, unless so voted by a two-thirds ballot vote at the annual Convention.

(c) Only such members as have been officers or members of
(Continued on page 16)

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the Board for at least one year shall be eligible for the Office of President.

(d) Any and all Officers shall hold office until their successors have been elected and qualified. If a vacancy occurs in any office of the Society other than the expiration of the term of office, then such vacancy shall be filled for the unexpired term by the Executive Board.

Section 2. The President shall preside at all meetings of the Society and of the Board, shall exercise general supervision of its affairs, and shall perform all the usual duties that are required to be performed by him by law and by the Constitution and By-Laws, incidental to his office.

Section 3. The Vice-Presidents, in their order of election, shall in the absence of the President, preside and perform all the duties imposed upon the President.

Section 4. The Secretary.

(a) The Secretary shall be an administrative officer of his Society. He shall act as its recording and its corresponding secretary and as secretary of meetings of this Society and of the Executive Board. He shall have custody of and shall safeguard and keep in good order all property of this Society, except such thereof that is placed under the charge of the treasurer. He shall issue all notices of this Society, keep its membership rolls, have charge and exercise general oversight of the offices and employees of this Society, sign all instruments and matters that require the attest or approval of this Society, except as otherwise provided in this Constitution; keep its seal, and affix it on such instruments as require it, prepare the reports of the Executive Board and this Society, in collaboration with the president, have charge of all matters pertaining to the meetings of this Society, and perform all duties usual and incidental to his office.

(b) The secretary may delegate to an assistant secretary or other assistant employed by this Society the actual performance of any or all of his duties as recording or as corresponding secretary, but he shall not delegate his responsibility for the property of this Society, or the affixing of the seal of this Society, or the making of any attestation or certification required to be given by him, or the signing of any document requiring his signature.

Section 5. The Treasurer.

(a) The treasurer shall be an administrative officer of this Society. He shall have charge and shall exercise general supervision of its financial affairs and keep records and books of account thereof. He shall prepare the budgets, collect amounts due this Society, and receipt for and have custody of its funds and moneys and make all disbursements thereof. He shall have custody of its securities and of its instruments and papers involving finances and financial commitments. He shall conduct the correspondence relating to his office and perform all duties usual and incidental of his office.

(b) The treasurer shall make a written annual report to each annual meeting of this Society and a written report monthly to the Executive Board. Each of said reports shall set forth the financial condition of this Society, the state of its budget and appropriations at the date of the report, and its income and expenditures for the period of the report, and the treasurer's recommendations on matters relating to the finances and general welfare of this Society.

(c) The treasurer shall not authorize any person to sign any order, statement, agreements, check or other financial instrument of this Society that requires his signature, unless such delegation is expressly permitted in this Constitution.

(d) When a new treasurer takes office, the retiring treasurer shall turn over to his successor a copy of the closing financial statement and audit of the treasury, all the records and books of account, and all moneys, securities, and other valuable items and papers belonging to this Society that are in his custody and possession. The incoming treasurer shall check the same, and, if found correct, shall give to the retiring treasurer his receipt therefore and a complete release of the retiring treasurer from any liability thereafter with respect thereto.

(e) The treasurer, personally, shall not be liable for any loss of money or funds of this Society or for any decrease in the capital, surplus, income or reserve of any fund or account resulting from any of his acts performed in good faith in conduct of the usual business of his office.

See Article VIII, Section 5. Paragraphs (a), (b), and (c).

Article VI. Executive Board:

Section 1. Membership of Executive Board.

(a) The membership of the Executive Board shall consist of the same officers, with the same terms of office, as of the Society, the immediate Past President of the Society, and one Director elected from each Ohio Chapter of the American Institute of Architects.

(b) Every member of the Board, must be a member in good standing of the Society. Each chapter shall elect an alternate

(Continued on page 17)

director who shall have all the rights and duties of the director at any meeting which said director does not attend.

Section 2. Authority of the Board. The Board shall be vested with the authority to manage, direct, control, conduct and administer the property, affairs and business of the Society, and in the interim between Annual Conventions, within the appropriations made therefore, put into effect all general policies, directions and instructions adopted at a meeting of the Society, to issue and mail such bulletins and publications to its members and others as it deems expedient, and shall establish and adopt rules and regulations, supplementing but not in conflict with this constitution and these By-Laws, to govern the use of the property, name, initials, symbol and insignia of the Society, to govern the affairs and business of the Society. Each director (and alternate director in the absence of the director) shall convey to the Chapter which he represents all decisions and actions of the Board and shall convey to the Board the actions and requests of the Chapter he represents.

Section 3. Vacancies on the Board. Vacancies of the Director on the Board shall be filled by the Chapter so affected and all other vacancies shall be filled by the Board.

Section 4.

(a) **Regular Meetings of the Board.** The Board shall hold at least two regular meetings each year and shall fix the time and place of its meetings. One meeting shall be held immediately prior to the opening of the Annual Convention of the Society and one within thirty days following the adjournment of said convention. A majority of the members of The Board shall constitute a quorum, and all decisions shall be rendered by concurring vote of not less than the majority of its total membership present, unless otherwise required by this constitution and these By-Laws.

(b) **Special Meetings of The Board.** A special meeting of the Board may be called by the President, or on the written request of a majority of the Officers of the Society, or of a majority of the members of The Board, at time and place so designated by Party or Parties who called the meeting.

(c) **Notices and Minutes.** A notice of each meeting of The Board shall be sent in writing by the Secretary to each member of The Board not less than five days before the date fixed for the meeting. Minutes of the meetings of The Board shall be recorded by the Secretary and approved by The Board in its succeeding meeting.

Article VII. Committees:

Section 1.

(a) The President, at least Thirty (30) days before the Annual Convention shall appoint a Nominating Committee, composed of Chairman and a member from each Chapter, whose duty it shall be to nominate members qualified to hold office in the Society for each of the Offices about to be vacated.

Section 2. The President shall appoint qualified members to the yearly Standing Committees created by the Society or the Board, whose duties and term of office shall have been fixed when the Committee was created.

Section 3. Special Committees may be appointed at any time for any specific purpose by The President, whose duties shall be determined at the time of the creation of the committee. Such committees shall not be established for longer than the term of office of the President appointing the committee.

Section 4.

(a) Committees shall act in an advisory capacity with the right to request and receive all information in possession of the Society and all records necessary to discharge the duties imposed upon them.

(b) **Notification:** The Secretary shall notify the Chairman and/or the members of the various committees of their committee assignments, and furnish them the names and addresses of all members thereof.

(c) The President shall be ex-officio a member of all committees, and the Secretary may act as Secretary for the committee if so selected by the committee. The majority of members of the committee shall constitute a quorum. Committees shall report their findings, recommendations and actions to the body which created it. Decisions, recommendations and other actions of the Committee shall be made in accordance with the concurring vote of the majority of members present or by a majority vote of a letter ballot.

(d) **Appropriations:** The Chairman of any Committee requiring appropriations shall submit written request to the Board for the amount required and the reason thereof, and if granted, file with the final report of the Committee a detailed statement of all moneys, if any expended.

Article VIII. Financial:

Section 1. Fiscal Year. The fiscal year of the Society shall begin on the first day of January and end on the Thirty-first day of December of the same calendar year.

(Continued on page 18)



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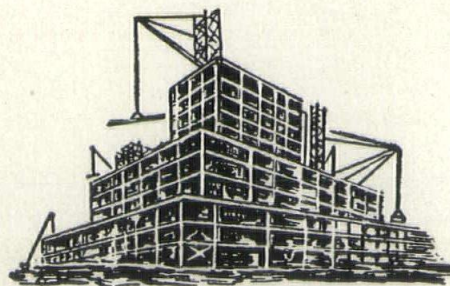
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Section 2. Collection of Dues. The Treasurer of each Chapter shall collect annually from each corporate member and associate member assigned to that chapter, and shall remit promptly to the Treasurer of the Society, an amount to be determined by the Society at its Annual Convention which shall be contributed by each such member and shall be equal to the prorated share required to defray all of the current expense of every kind of the Society.

Section 3. Contributions. The Board, at any regular meeting, by a concurring vote of two-thirds of the members present, or at any special meeting called therefore, may authorize the raising of, and thereupon raise, money by voluntary contribution from its members, in addition to annual dues, for any designated special purpose consistent with the objectives of the Society, and prescribe the manner in which such contributions shall be collected. Non-payment of contributions shall not abridge, suspend or terminate the privileges and rights of any member.

Section 4. Deposits and Withdrawals of Money and Securities.

(a) *Depositories.* The Treasurer shall deposit all moneys of this Society in the name of this Society, when, as, and in the original form received by him, in one or more depositories designated by the Executive Board.

(b) *Disbursements.* Every disbursement of money of this Society, except from the petty cash, shall be by check of this Society, signed by the treasurer and countersigned by the Director from the Treasurer's Chapter, or by another officer designated by the Executive Board upon approval of vouchers for such disbursements, signed by the President or 1st Vice President.

(c) *Petty Cash Accounts.* The treasurer shall establish petty cash accounts as authorized by the Board which may be disbursed for the usual petty cash purposes by the person designated in said authorization of the Board. No such petty cash account shall exceed \$25.00 at any time and statements of the petty cash expenditures shall be duly recorded by said persons and the expenditures approved by the treasurer before the cash is replenished.

Section 5. Annual Budget.

(a) *Adoption:* The Board shall adopt an annual budget, by the concurring vote of not less than two-thirds of its membership present showing in detail the anticipated income and expenditures of the Society for the fiscal year.

(b) *Expenditures:* Every expense and financial liability of the Society and every expenditure of money of the Society shall be evidenced by a voucher or other appropriate instrument signed by the person or persons properly authorized to incur the expense, liability or expenditure, except a petty cash item as per Paragraph (c) of Section 5, Article VIII.

(c) *Limitations:* Unless authorized and directed to do so at an Annual Convention or Special Meeting of the Society, the Board shall not adopt any Budget, make any appropriations, or authorize any expenditures or in any way obligate or incur obligation for the Society, which, in the aggregate in any fiscal year, exceeds the estimated net income of the Society for such year.

Section 6. Audits. The Board shall appoint three auditors from the members of the Society to audit the books and the accounts of the Secretary and the Treasurer for report at the Annual Convention. The Board shall be vested with the authority to employ a certified public accountant to make a final audit if deemed desirable.

Section 7. Society Property Transfer. The transfer of all good will and tangible assets of the Present "Architects Society of Ohio" is to be automatically granted and assigned to the new chartered State Society Organization.

Article IX. Meetings of the Society:

Section 1. Annual Meetings.

(a) *Time of Meeting:* The Society shall hold an Annual Meeting, herein called the Annual Convention; the time and place shall be fixed by the Executive Board, if not fixed by the preceding Annual Convention.

(b) *Reports:* The President, the Secretary and the Treasurer of the Society shall each make an annual report in writing to the Annual Convention.

(c) *Election of Officers:* New officers for the ensuing year shall be elected to succeed those whose terms of office are about to expire.

Section 2. Special Meetings. A Special Meeting of the Society shall be held if a call therefore, stating its purpose, is voted by a meeting of the Society or is voted by the Board upon the concurring vote of two-thirds of the Board, or is voted by not less than one-half of the Ohio Chapters upon the concurring votes of two-thirds of the entire membership of each of the respective governing boards thereof, or by a written petition to The Board, signed by not less than twenty-five percent of the total number of members in good standing of the Society.

Section 3. Notice of Meetings. Notice of an Annual or Special Meeting of the Society shall be served on each members and Chapter of the Society, by letter or in official publication of the Society, stating time and place of meeting thereof. Notice of the Annual

(Continued on page 19)

Convention shall be served not less than thirty days before the opening session, and in the case of special meetings, not less than fifteen (15) days before such meetings.

Section 4. Votes. A concurring vote of the majority of the members qualified to cast a vote or a ballot shall decide the question, unless otherwise required by this Constitution. A vote by ballot not being requested the voting shall proceed accordingly.

NOTE: Only corporate members may vote on Institute matters in accordance with Institute Constitution and By-Laws.

Section 5. Proxies and Letter Ballots.

(a) Proxies: There shall be no voting by proxy at a meeting of this Society.

(b) Letter Ballots: No vote of the membership shall be taken by letter ballot.

Section 6. Delegates to American Institute of Architects Convention. The Society shall have delegates representation at Annual American Institute of Architects Convention in accordance with American Institute of Architects By-Laws relating to State organization.

Article X. Amendments:

Section 1. Amendments by Meetings of the Society.

(a) This Constitution and its By-Laws may be amended at any meeting of this Society, provided that a notice stating the purpose of each proposed amendment and the reason therefore and a copy of the proposed amendment is sent to every member and associate not less than thirty days prior to the date of the meeting at which the proposed amendment is to be voted on.

(b) It shall require a roll call concurring vote of not less than two-thirds of the total number of corporate members present at a meeting of this Society to amend this Constitution or its By-Laws relating on matters to Institute affairs.

(c) It shall require a roll call concurring vote of not less than two-thirds of the total number of members present at a meeting of this Society to amend this Constitution or its By-Laws on matters that do not relate to Institute affairs.

(d) Every resolution of this Society amending this Constitution or its By-Laws shall state that the amendment will become effective only if and when it is approved by The Institute. Immediately following the adoption of such a resolution, the secretary shall submit a copy of the amendment and the adopting resolution to the Secretary of the Institute for such approval. Upon receipt of said approval the amendment shall become effective and the Secretary shall enter the amendment and the approval at the proper place in this constitution or its By-Laws, with the date of the amendment and approval.

Section 2. Amendments by the Institute. The Institute Board, unless the statutes forbid, may amend any provision of this Constitution or its By-Laws that the Society fails to amend after due notice so to do from The Institute. Each amendment made by said Board shall have the same force and effect as if made by this Society in the manner herein-above provided, and shall be effective immediately on receipt of the notice of The Secretary of The Institute containing the amendment, and the Secretary shall enter the amendment at the proper place in this Constitution, with the date it was made.

By-Laws

AMENDMENTS. These By-Laws may be amended in the same manner as the Constitution.

SUSPENSION OF BY-LAWS. These By-Laws may be suspended at any meeting, for the transaction of any special business by a two-thirds vote of the members present. When the special business has been disposed of, the By-Laws shall immediately be in force again.

RESPONSIBILITY. The Society shall not be responsible for any note or statement of its officers or members nor be pledged or bound in any manner except by the approval of the Board, in conformity with the Constitution and By-Laws.

MEETING NOTICES. Date, Time and Place of all meetings shall be stated in the Notice therefore.

RULES OF ORDER. All meetings shall be conducted in accordance with Roberts' Rules of Order.

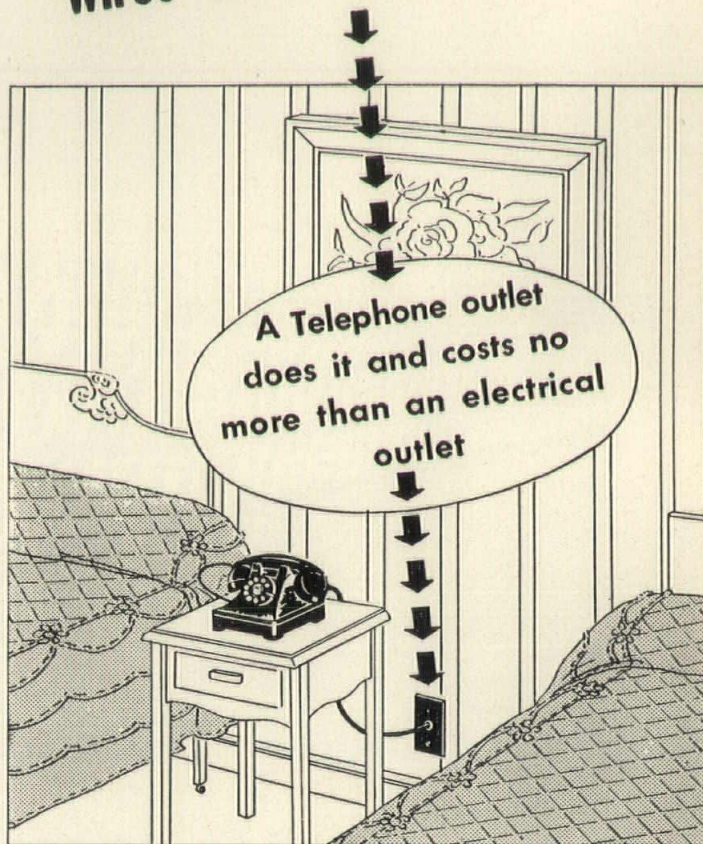
LIFE MEMBERS. The status of the present Life Members shall continue in the Society without further payment of dues and each such Life Member shall be issued a paid-up "Life Membership Card" for good standing.

RETIRED MEMBERS. A member who ceases to practice architecture as a gainful occupation and further ceases all other gainful occupation shall be eligible for "Retired Membership."

OTHER TYPES OF MEMBERSHIPS. Other types of memberships may be created as the necessity arises in accordance with American Institute of Architects chapter By-Laws.

*Final adoption by Executive Board,
Architects Society of Ohio, April 6th, 1945*

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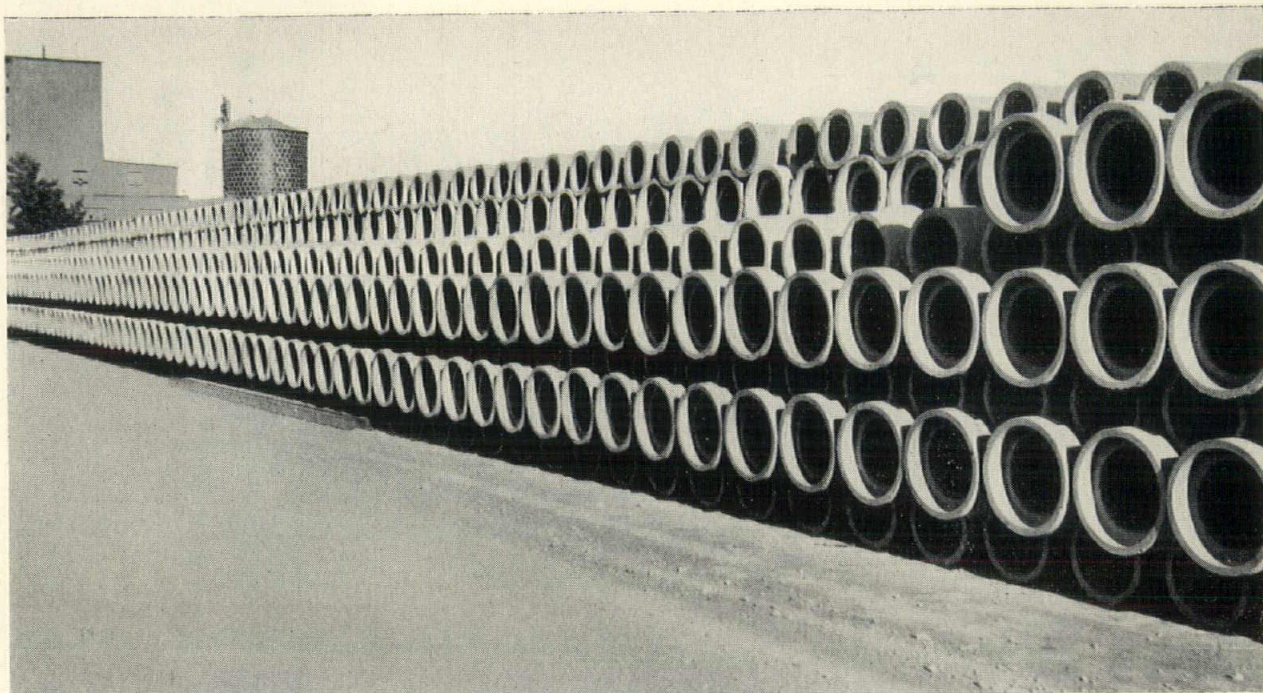
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