When you want to open the wardrobe, you simply lift the door — it goes straight up and out of the way. It is counter-balanced, so it lifts easily, almost “fingertip” control. The two sections are synchronized, the lower section automatically moving twice as fast. Lowering the door is just as quick, and just as simple.

Chalk Board or Cork Board Panels

The Barcol WARDROBEdoor has large unbroken free areas which are ideally suited for facing with chalk board or cork board, or any combination, in any desired sizes. In this way the door serves double duty. There is no rubbing on these surfaces when the door is raised.
WE EXTEND you and your friends a cordial invitation to enjoy your 1951 summer vacation at TRENTWOOD on the Trent River at Hastings, Ontario.

This is our tenth year of operation at TRENTWOOD and we have constantly improved our facilities to serve our guests. This year all our boat wells are covered to protect the boats and contents against rain and sun. A new twin unit is being built (Laurel and Linden) which will increase our capacity to sixty persons per week. In fifteen modern, comfortable lodges, four of which (Cedar, North Pine, South Pine and Oak) are equipped for housekeeping.

Our Summer season will be from June 20th to September 4th, but we will be ready to serve our guests from May 15th (when the wall-eye pickerel season starts) to October 2nd. There is a 10% reduction in season rates from May 15th to June 20th and from September 4th to October 2nd.

Our Season rates for private lodges with meals will be $47.50 per person, per week. Children over 8 years are considered a person in making reservations, children under 8 years at half price. Housekeeping rates given on request.

TRENTWOOD has every facility available for the enjoyment of its guests. The fishing is as good as will be found anywhere in the Kawartha Lakes area and TRENTWOOD guests can fish both the Trent River and Rice Lake.

Our boats are clean, modern and safe riding and we have outboard motors for rent to those who have none.

TRENTWOOD'S 200 acres invite hiking and outdoor picnics. Its half-mile shoreline on the beautiful Trent River, wide shady lawns and comfortable lawn chairs invite relaxation and rest.

Transfiguration School, a model for other new schools in the diocease, was built at a cost of only 84¢ per cubic foot. Thus, it is evident that the school authorities used only products which were efficient and inexpensive.

"Modernfold" accordion-type doors fitted into this category perfectly. No other type of closure met the needs for an intelligent, complete use of all space so well. The school uses eight pairs of "Modernfold" doors as wardrobes, one large door on the auditorium stage, and another to partition the teachers' room.

In all types of school applications, "Modernfold" doors are beautiful. The sturdy metal frame is a firm foundation for the beautiful vinyl coverings. Available in a wide variety of colors, they match any general color scheme; are flame-resistant and easily washed with soap and water. Look under "doors" in your classified telephone book for the name of our installing distributor.

Exclusive Installing Distributors for OHIO

MODERNFOLD DOOR CO.
655 N. Cassidy Ave., FE. 5505, COLUMBUS 3

MODERNFOLD DOOR CO. OF TOLEDO
Division of Adam Loss Co.
145 So. Erie St., AD. 4211, TOLEDO

MODERNFOLD DOOR CO. OF CLEVELAND
3804 Payne Ave., EX. 1-0311, CLEVELAND 14
1094 Home Ave., FR. 7164, AKRON
607 Elm St., 3-8127, YOUNGSTOWN

DURBROW-OTTE ASSOCIATES
134 Salem Ave., Fu. 5711, DAYTON 6

Visit our Booth No. 18 at the Sportsman's Show, Cleveland Public Auditorium, Apr. 2-11.

TRENTWOOD
HASTINGS, ONTARIO, CANADA

WE EXTEND you and your friends a cordial invitation to enjoy your 1951 summer vacation at TRENTWOOD on the Trent River at Hastings, Ontario.

This is our tenth year of operation at TRENTWOOD and we have constantly improved our facilities to serve our guests. This year all our boat wells are covered to protect the boats and contents against rain and sun. A new twin unit is being built (Laurel and Linden) which will increase our capacity to sixty persons per week. In fifteen modern, comfortable lodges, four of which (Cedar, North Pine, South Pine and Oak) are equipped for housekeeping.

Our Summer season will be from June 20th to September 4th, but we will be ready to serve our guests from May 15th (when the wall-eye pickerel season starts) to October 2nd. There is a 10% reduction in season rates from May 15th to June 20th and from September 4th to October 2nd.

Our Season rates for private lodges with meals will be $47.50 per person, per week. Children over 8 years are considered a person in making reservations, children under 8 years at half price. Housekeeping rates given on request.

TRENTWOOD has every facility available for the enjoyment of its guests. The fishing is as good as will be found anywhere in the Kawartha Lakes area and TRENTWOOD guests can fish both the Trent River and Rice Lake.

Our boats are clean, modern and safe riding and we have outboard motors for rent to those who have none.

TRENTWOOD'S 200 acres invite hiking and outdoor picnics. Its half-mile shoreline on the beautiful Trent River, wide shady lawns and comfortable lawn chairs invite relaxation and rest.

Transfiguration School, a model for other new schools in the diocease, was built at a cost of only 84¢ per cubic foot. Thus, it is evident that the school authorities used only products which were efficient and inexpensive.

"Modernfold" accordion-type doors fitted into this category perfectly. No other type of closure met the needs for an intelligent, complete use of all space so well. The school uses eight pairs of "Modernfold" doors as wardrobes, one large door on the auditorium stage, and another to partition the teachers' room.

In all types of school applications, "Modernfold" doors are beautiful. The sturdy metal frame is a firm foundation for the beautiful vinyl coverings. Available in a wide variety of colors, they match any general color scheme; are flame-resistant and easily washed with soap and water. Look under "doors" in your classified telephone book for the name of our installing distributor.

Exclusive Installing Distributors for OHIO

MODERNFOLD DOOR CO.
655 N. Cassidy Ave., FE. 5505, COLUMBUS 3

MODERNFOLD DOOR CO. OF TOLEDO
Division of Adam Loss Co.
145 So. Erie St., AD. 4211, TOLEDO

MODERNFOLD DOOR CO. OF CLEVELAND
3804 Payne Ave., EX. 1-0311, CLEVELAND 14
1094 Home Ave., FR. 7164, AKRON
607 Elm St., 3-8127, YOUNGSTOWN

DURBROW-OTTE ASSOCIATES
134 Salem Ave., Fu. 5711, DAYTON 6
OHIO ARCHITECT

OFFICIAL PUBLICATION OF THE
ARCHITECTS SOCIETY OF OHIO, INC.
Association Member of the American Institute of Architects
Acceptance under section 34.64 P. L. & R. authorized

Volume XII FEBRUARY, 1954 Number 2

RALPH C. KEMPTON........................................Editor
2750, 50 W. Broad St., Columbus 15, Ohio
CHARLES L. BURNS....................................Business Manager
Publication Office: 6529 Euclid Ave., Cleveland 3, Express 1-8700
Ed H. Seltner........................................Advertising Manager

ASSOCIATE EDITORS
COLUMBUS CHAPTER, A.I.A.—Ralph Kempton, Secretary, Ohio
State Board of Examiners of Architects, 2750, 50 W. Broad St.,
Columbus 15, Ohio.
CLEVELAND CHAPTER, A.I.A.—Lottie B. Helwick, 20500 Halifax
Rd., Warrensville Heights 22, Ohio
DAYTON CHAPTER, A.I.A.—John Sullivan, Jr., 419 Third Na­
tional Bank Bldg., Dayton 2, Ohio.
EASTERN OHIO CHAPTER, A.I.A.—J. Arthur Scott, R. D. No. 1,
Peninsula, Ohio.
TOLEDO CHAPTER, A.I.A.—John P. Macelwane, 531 Nicholas
Bldg., Toledo, Ohio.

OFFICERS FOR ARCHITECTS SOCIETY OF OHIO, INC.
John W. Hargrave, President—9391 Montgomery Rd., Montgomery
C. Melvin Frank, 1st V. P. .............. 13 West Long St., Columbus 15
Leon M. Worley, 2nd V. P. ........... 926 B. of L.E. Bldg., Cleveland 14
John P. Macelwane, 3rd V. P. ........... 531 Nicholas Bldg., Toledo 4
Charles J. Marr, Secretary—138 Ray Ave., N.W., New Philadelphia
Eugene F. Schrand, Treasurer, 1701 Union Trust Bldg., Cincinnati 2
Rollin L. Rosser, Past President............ 410 West 1st St., Dayton 2

STANDING COMMITTEES
PUBLIC RELATIONS—Phelps Cunningham, Cleveland, Chairman;
Harry L. Smith, Toledo; E. W. Dykes, Eastern Ohio; Frederick H.
Hobbs, Columbus; Herman S. Broderick, Dayton; John W. Becker,
Cincinnati.

LEGISLATIVE—Harold W. Goetz, Middletown, Chairman; John H.
Samuels, Eastern Ohio; George Maier, Cleveland; Willis Vogel,
Toledo; C. Curtiss Insho, Columbus; Ralph W. Carnahan, Dayton.

BUILDING CODE—C. Melvin Frank, Columbus, Chairman; H.
Walter Damon, Eastern Ohio; Paul C. Ruth, Cleveland; Michael
B. O’Shea, Toledo; W. Ray Yount, Dayton; Harold W. Goetz,
Cincinnati.

MEMBERSHIP—Joseph M. Lyle, Cincinnati, Chairman; George M.
Foulks, Eastern Ohio; Samuel K. Popkins, Cleveland; Byron F.
Killinger, Toledo; Leo S. Rovtar, Columbus; Donald D. Bolinger,
Dayton.

ARCHITECTS REGISTRATION—Carl C. Britsch, Toledo, Chairman;
William B. Huff, Eastern Ohio; Ronald A. Spahn, Cleveland;
Thaddeus B. Hurd, Toledo; Ralph C. Kempton, Columbus; Howard
A. Korns, Dayton; John W. Hargrave, Cincinnati

EDUCATION—Trefon Sagadencky, Eastern Ohio, Chairman; Otto
A. Spieh, Cleveland; Thaddeus B. Hurd, Toledo; Elliott Whitaker,
Columbus; Craig Cowden, Dayton; John W. Hargrave, Cincinnati.

ARCHITECTURAL PRACTICE—William B. Huff, Eastern Ohio,
Chairman; Franklin G. Scott, Cleveland; Carl C. Britsch, Toledo;
Louis C. Karlsberger, Columbus; Edward A. Reed, Dayton; Harold W. Goetz,
Cincinnati.

INTER-SOCIETY—George S. Voinovich, Cleveland, Chairman;
William B. Huff, Eastern Ohio; Leon M. Worley, Cleveland; Carl
C. Britsch, Toledo; C. Curtiss Insho, Columbus; Rollin L. Rosser,
Dayton; John W. Hargrave, Cincinnati.

CIVILIAN DEFENSE—Charles J. Marr, New Philadelphia, Chair­
man; Arthur F. Baer, Cleveland; Karl H. Becker, Toledo; Harry
Phillian, Columbus; Eugene W. Betz, Dayton; Frederick H. Kock,
Cincinnati.

PRESEUS & PRESERVATION OF HISTORICAL ARCH
ITECTURE—John Sullivan, Dayton, Chairman; H. Walter Damon,
Eastern Ohio; Thomothy Sewlett, Toledo; Robert C. Gaede, Cleve­
land; Ralph C. Kempton, Columbus; Arthur R. Arend, Cincinnati.

CHAPTER DIRECTORS—Frank F. Smith, Eastern Ohio; David
M. Ward, Cleveland; Herman H. Feldstein, Toledo; Edward A.
Ramsey, Columbus; James A. Reed, Dayton; Harold W. Goetz,
Cincinnati; Walter Shelesney, Cincinnati, Alternate.

Precast Slabs Save 25% On Floor and Roof Cost

This Columbus motel reported Flexicore floor and roof
construction cost 25% less than poured construction.
Precast unit also eliminated ceiling plaster, because
painting finished their smooth underside as attractive,
guestroom ceilings. Cores of standard, hollowcast slabs
served as hot air ducts and utility raceways to further
reduce job costs.

Long Spans Increase Floor Space

Fire-resistant Flexicore slabs give you long, clear spans
and uninterrupted floor space. Units are precast to load
specifications in inch variations of length up to 22'6"
or 26'8" depending on cross-section. For full informa­
tion, write any of the three Ohio manufacturers
listed below.

ARROWCRETE CORPORATION
816 McKinley Ave., Columbus
Fletcher 3839

PRICE BROTHERS COMPANY
1922 E. Monument Ave., Dayton
Hemlock 7661

TRI-STATE FLEXICORE CO.
3533 Cardiff Ave., Cincinnati
Redwood 9705

Catalog in Sweet's Architectural

[IMAGE OF PRECAST CONCRETE FLOOR & ROOF SYSTEMS]
A.I.A. NATIONAL CONVENTION IN BOSTON

"Forces That Shape Architecture" will be the theme of the 86th annual convention of The American Institute of Architects, it was announced recently by Clair W. Dittrich, President of The Institute. The convention will meet in Boston, Massachusetts, June 15-19, with headquarters at the Statler Hotel. At that time, an estimated 2,000 architects and guests will visit Boston, a city famous both for its historic buildings and as a center of modern architectural thinking.

This year's convention theme will give American architects the opportunity to assess those forces which have so radically changed their profession during the past fifty years. Modern technology; government building programs; developments in health, education and industry; new commercial patterns; the changing structure of the family, the community and the city—all have exerted a profound influence on architecture. Their impact on building design will be the subject of the various seminars at the 1954 convention.

One of the anticipated features of the convention will be the presentation of Honor Awards in the 86th Annual Exhibition of Outstanding American Architecture. For the past five years the Honor Awards Competition has been an annual A.I.A. event, open to all registered U. S. architects and to all categories of building, here or abroad. This year, in addition to the general awards, special Honors will be given in the fields of hospital and school design.

Also part of the convention program will be the presentation of the Gold Medal, highest honor given by The Institute for distinguished service to the profession. Additional awards include the Fine Arts Medal, the Craftsmanship Medal, and the Edward C. Kemper Award for service to The Institute.

A pre-convention program will include meetings by the Association of Collegiate Schools of Architecture, the National Council of Architectural Registration Boards, the Producers' Council, the National Architectural Accrediting Board and the A.I.A. Board of Directors.

Chairman of the 1954 Convention Committee is Philip Creer of Providence, Rhode Island, assisted by James Lawrence, Jr., of Boston, President of the Massachusetts State Association of Architects and Chairman of the host chapter Convention Committee. Arthur Holmes of the A.I.A. staff is Convention Manager.

HANDSOME WALLS
now coming into their own

- Concrete block is the fastest growing building material as reported by the WALL STREET JOURNAL. In its report of November 24, 1953 on a survey of 500 architects and 500 contractor subscribers, the national magazine ARCHITECTURAL FORUM found that concrete blocks have been specified by all of the architects and used by all but two contractors in eight different building types... residences and apartments, warehouses, schools, stores and shopping centers, industrial buildings, churches, office buildings, public buildings.

quality standards maintained

- Topflight architects, engineers and contractors in Ohio are making broader use of machine-made concrete masonry units as they have learned through experience of its merits. More and more they are depending on the quality standards established and maintained by members of the Ohio Concrete Block Association. The Association was formed to maintain and improve the standards of concrete masonry units and to make available to all architects, engineers and builders the up-to-date data to improve their usage.

Call the Association member in your city or write John F. Royer, Secretary, for address of nearest member and sources nearby for units for any building.

CONCRETE BLOCK ASSOCIATION, INC.
50 East Broad Street • Phone MAin 07417 • Columbus 15, Ohio
Three Industrial Installations

Talbot Hamlin, F.A.I.A., famous architectural teacher, historian and author at Columbia University, said recently to Ohio architects, “Invention and industry have given us an unprecedented command in building materials and each new material is a new invitation to the creation of expressive beauty.” Three recent industrial buildings by The R. C. Mahon Co. of Detroit show how architects are taking advantage of some of these new materials and techniques.

Quaker Oats Plant, Omaha, Neb. (Above)

Another complete plant for Quaker Oats was built in Atlanta, Ga., employing the same construction. The two Quaker Oats Plants involved eleven separate buildings—all of which were constructed with Mahon Insulated Metal Walls with Aluminum exterior plates.

Mahon Steel Roof Deck roofed all buildings in both plants.


Edison Junior High School, West Mifflin Baro, Pa. (Below)

Mahon Insulated Metal Walls with Stainless Steel exterior plates employed in conjunction with brick and glass block.


Office Building and plant built for Schlumberger Well Survey Corp., Houston, Texas. (Above)

20,000 Sq. Feet of Mahon Insulated Metal Wall Panels with Aluminum exterior plates were employed in construction of office building and plant.

Other materials in office building exterior walls include Pink tinted brick, Lime Stone and horizontal canopy lines over office entrance in brown California Cedar.


Close-up view of Mahon “Fluted” Insulated Metal Wall showing Coping Detail of parapet wall.

These walls are available in three exterior patterns in Stainless Steel, Aluminum or Enamel Coated Galvanized Steel.

Heat Transmission Coefficient “U” of various types of Mahon Insulated Metal Walls is equivalent to or better than a conventional 16” Masonry wall with furred lath and plaster. Insulation is Fiberglas.
LIVONIA HOLOCAUST SUGGESTS ROOFING TESTS

By LYLE KNUDSON, Warren Roofing Co. Cleveland and A. W. FRISKEY, Better Finishes and Coatings

Drippage of the bitumens from the built-up roof was reported to have been a contributing factor to the tremendous loss incurred in the recent fire at “G-E’s” transmission plant at Livonia, Michigan, where approximately 1,400,000 sq. ft. of floor space and equipment occupying it was destroyed or badly damaged.

If that premise is correct, laboratory controlled tests should be conducted on roofing specifications as developed by the roofing industry.

One specification suggested for consideration is to adhere a layer of Insulation to the roof deck using a mechanical fastener instead of the usual practice of embedding in a bitumen. Another layer of Insulation would then be applied over the first, being sure to stagger the Insulation sheets so that in no place would butt joints of the top layer coincide with those of the lower layer. This upper layer would be anchored to the lower by means of a Mechanical fastener which would lock itself inside the lower layer of Insulation and not make contact with the under-lying deck.

The ES nail as manufactured by the Elastic Stop Nut Company in Union, New Jersey, although originally designed for adhering bevel and cedar shingle siding on insulating board sheathing in home construction, can be adapted to this use.

This would lessen the possibility of conductance thru the fastener, from the warm factory side of the deck to the cold outside surface. The potential introduction of moisture into the insulation just below the roofing membrane would be less likely to occur. The roofing membrane could then be laid in bitumen directly over these two dry layers of insulation.

Should a further precaution be desirable, the first two piles of roofing felt could be laid dry over the insulation and secured into the Insulation by means of the ES nail. The succeeding piles of felt would be laid in hot bitumen.

Laboratory controlled tests should be run to ascertain whether these writer’s theories would preclude drippage of bitumen in any high-level, under-roof-deck fire.

Another theory requiring further study would be to use a charable Vinyl as the bitumen to embed roof insulation. This Vinyl would also act as a vapor barrier if the film was continuous and heavy. This could be a one or two coat spray operation.

A modification of this would be to embed a flat sheet of charable Vinyl in the Vinyl spray coat, thereby assuring a better vapor seal under the Insulation. It would be well to experiment with laying the Insulation in the Vinyl while tacky, both in one and multiple layers. Where multiple layers of insulation are applied it would be well to determine whether a Vinyl spray coat or the ES mechanical nail would be most effective.

It is our opinion that the Vinlys or other synthetics may eventually be used to totally encase insulated structural decks with this type of waterproofing material. Actually, our firms and perhaps others, are in the development and

(Continued on page 10)

PRODUCERS COUNCIL PRODUCTS LITERATURE COMPETITION

David A. Pierce, Secretary of the Columbus Chapter A.I.A., presents the following report, a splendid example of the cooperation and team work between the A.I.A. and the Producers Council.

On Thursday, January 14th an architects’ jury consisting of Eugene Benham, Melvin Frank, George L. Tilley, and William E. Linch, met at the Builders Exchange to judge the Product Literature, as presented by various manufacturers in connection with the joint meeting of the Producers Council and the Architects, to be held at the Seneca Hotel, Monday, January 18th.

This committee of architects wishes to compliment the Producers Council upon the uniformly high quality of the advertising exhibits presented, which were all found to be instructive, and full of the kind of information that most architects are seeking in preparing drawings and specifications for the products displayed.

We also felt most of the literature was quite attractive and designed in a manner to appeal very readily to practicing architects.

The duty of the jury to select particular exhibits for special awards was rather difficult to make in some instances; however, the jury did feel that certain literature deserved special commendation, and desire to compliment the Producers Council on the uniform quality of the exhibits shown.

In judging these exhibits they had previously been divided into classes by the members of your committee of the Producers Council into the following categories:

CLASS 1: Manual Hand Books and Basic Information which represents information applicable to a number of manufacturers of a similar line of products, even though in some cases the literature described the products of one particular manufacturer.

CLASS 2: Technical Information—Confined to the product of a single manufacturer.

CLASS 3: Literature of primarily promotional character designed to appeal primarily to architects.

CLASS 4: Space advertising directed primarily to the architect through the medium of architectural magazines.

Our jury feels that awards should be made as follows:

CLASS 1: Certificate of Merit—Structural Clay Products Institute—For the Publication “Technical Notes.”

Owens-Corning Company—For their Publication—“Fiber Glass,” A bound volume containing information concerning many branches of insulation, air filter, and similar associated products.


Kewanee Boiler Corporation—Series of Booklets on various Fuel Firing Equipment for Kewanee Boilers.

CLASS 4: Certificate of Exceptional Merit—Overly Manufacturing Company—Series of Promotional Church Spires.


Pittsburgh Plate Glass Company, Store Front & Door Frame Metals.

Honorable Mention—Crane Company, Series of Magazine Advertisements.

David A. Pierce, Sec’y.
Columbus Chapter A.I.A.
OHIO STATE BOARD BEGINS 23rd YEAR

The Ohio State Board of Examiners of Architects began its 23rd year with the annual meeting in Columbus, January 21 and 22, 1954 when the following officers were elected:

Harold H. Munger, President;
Toledo, Ohio;

Charles E. Firestone, Asst. Secretary;
Cleveand, Ohio;

Russell S. Potter, Vice President;
Cincinnati, Ohio;

Edward G. Conrad, Secretary;
Cleveland, Ohio;

Ralph G. Kempton, Columbus, Ohio,
Executive Secretary.

Mr. Munger, partner in the architectural firm of Britsch and Munger, Toledo, is serving his second five-year term on the five-man board, having been appointed both times by Governor Frank J. Lausche.

The next meeting of the Board is tentatively scheduled for early in March.

The Spring Examination for those who desire to enter the Board is tentatively scheduled for early in March. Information concerning this examination may be obtained by writing the Board at 50-West Broad St., Columbus 15, Ohio.

ARCHITECT SAGADENCKY ON THE RADIO

Akron, like many other fast growing Ohio cities, has been having housing troubles. The Federal Public Housing Authority has ordered several hundred mobile-war-housing units vacated by February and there is no housing available in Akron for these families to move into.

The eviction order involved about 480 families when it was announced last fall. W. P. Lauer, Director of the Akron Metropolitan Housing Authority said recently that about 100 families have already vacated these temporary dwellings.

As one of the means of keeping the public informed and assist in some manner in the effort to solve this knotty problem station WAKR carried a discussion on this situation which included in its panel, Law Director Edward Erickson, Architect Trefon Sagadenceny, Realtor March Wilcher and Raymond K. Brown, and Thomas Augustine of the Community Service Center.

CINCINNATI CHAPTER NEWS

The annual election meeting of the Cincinnati Chapter, A.I.A., was held January 19, at the Engineering Society Building.

Frederic H. Kock was re-elected President of the Chapter. Others elected included Ralph H. Hetterich, Vice President; Joseph M. Lyle, Secretary; William S. Arend, Treasurer; Walter F. Sheblessy, member to the Board of Directors.

Frank Memoli, guest speaker, presented a paper entitled "Legal Aspects of Architecture."

P.S. As usual, the Cincinnati Chapter again exercised good judgment. Congratulations Fred, Ralph, Joe, Bill and Walter.

WILL PLANT ODORS BE YOUR PROBLEM?

The Plant and Engineering Show in Chicago had an interesting and valuable display for industrial plants with odor troubles, and promises comfort to the 94% of U.S. workers who know an industrial stink when they smell one and recoil from it.

A miniature layout of a typical industrial plant targeted for the first time all of industry's odor trouble areas, latest of the big industrial headaches. Here Airkem, Inc., odor counteractant specialists, demonstrated how factory odors can be successfully annihilated.

Most people agree that something should be done about these odors which have been responsible for some bitter lawsuits, employee illness and absenteeism, downright mad community relations, costly product difficulties and high employee turnover.

John von Bergen, Industrial Sales Manager at Airkem, wryly observed that odor areas are not always apparent to people constantly exposed to them. "Look at the guy with 'B.O.' He's always the last to admit he's got it. The same holds true of factories," he argues. "People become so immunized to odors that when called to their attention they actually deny the existence of the foul stenches. But they're there and something has to be done about it."

And Robert C. Russell, representative of the odor-killing firm, observed "Stack odors are usually the culprits when a community goes on the warpath for a company's scalp because of its offensive odors." However, he explains they have been and are daily being stopped in their stacks, long before they reach outside air to contaminate areas as far away as 10 miles and often further.

A small spray located inside the offending stacks gives off a chemical mist specifically compounded to neutralize the malodor. von Bergen explains it this way: "This is not a job for perfumes, nor for masking or olfactory desensitizing agents. The job falls to the odor counteractant. This employs the time-proved principle of odor counteraction whereby one odor or combination of odors cancel out another, its opposite. It works just as certain colors or combinations of colors cancel out each other, creating new and pleasant color harmonies."

For every odor area inside a plant Airkem has developed a special formulation, and a device best suited for applying it. Many odors cling to surfaces—walls, floors, metals, linoleums, plastics, even to tools and machinery. For these types of new surface counteractant, "10-39," has been developed. Highly concentrated, it is simply diluted with water and washed on the offensive surface. There is an immediate absence of any odor, Airkem claims. At the show, this method was demonstrated in a simple petri dish.

WHAT BECAME OF THE BUCK?

A BRAIN EXERCISER

Three architects went out to dinner one evening and the tab for meals, etc. was for $30.00. As it was "Dutch," each one gave the waiter $10.00.

The waiter gave the $30.00 to the boss who was at the cash register. The boss said "These boys are good customers, and $30.00 is a lot of money for what they had. Here is $5.00 rebate. Give it back to them with my compliments."

The waiter thought $5.00 rebate was too generous and put $2.00 in his pocket and gave each man back $1.00.

So each man paid $9.00 making $27.00 for the meals. The waiter pocketed $2.00.

What became of the other dollar?
FORMS AND FUNCTIONS OF 20th CENTURY ARCHITECTURE

Edited by TALBOT HAMLIN, F.A.I.A.

Here is a set of books (4) on and about architecture to keep handy at all times as the contents provide excellent reading not only for architects young and old but most interesting to the layman as well.

To the students, who far too often have been influenced to look far too lightly upon the history of architecture, this timely work on the subject of architecture should be a "must" in his or her first library. An architect can only use safely the elements and ideas with which he is truly familiar and in love.

Contrary to the false philosophy, (how acquired might be questioned) that "familiarity with," breeds contempt, stifles originality and deprives the neophytes the chance to produce the "grand solution." Quite the opposite is true.

While there may be some objection to the use of the term "History" in connection with these volumes, it can not be successfully denied that many historical facts and references are included all of which can be enjoyed as such by students, practitioners and laymen alike.

The following quotation by Leopold Arnaud, Dean of the School of Architecture of Columbia University, one of the galaxy of co-authors as evidence that the interest in and value of History is still regarded as something having cultural value to the Architect. "The historical background of 20th Century Architecture finds little place in these four volumes, but that does not imply denial of the value of our cultural heritage."

It would take far more space than should be used here to describe in detail the fine job of typographical work on high grade paper, with illustrations faithfully reproduced, in an attractive greyish cloth binding suitable anytime for the daily reading table as well as library shelves.

The following outline indicates the broad coverage of the four volumes and how well the subject matter has been arranged for prompt and convenient use by the student, the teacher, the architect and the layman.

VOL. I ELEMENTS OF BUILDING, 710 Illustrations
VOL. II PRINCIPLES OF COMPOSITION, 799 Illustrations.

It is interesting to note that such a timely and noteworthy publication, published by the Columbia University Press should not only recognize the subject of Composition in Architecture but devote an entire volume to it. Professors (?) please note and read Volume II.

One of the many fine contributions by Julian Garnsey is quite up to the high standards of the entire set.

VOL. III BUILDING TYPES, 629 Illustrations.

Compiled with the assistance and contributions of several very able co-editors or authors:
Part 1 Buildings for Research
Part 2 Buildings for Public Gatherings
Part 3 Buildings for Education
Part 4 Governmental Buildings

VOL. IV BUILDING TYPES, 588 Illustrations.

This volume contains many varied and typical kinds of buildings showing the excellent judgment of the Editor and indicating the broad and extended research made in compiling all four volumes.

INDEXES. To add to the usefulness and accessibility of all this material covered by these four volumes including the 2,626 Illustrations, Editor Hamlin has included a very detailed set of indexes, planned and prepared by Jessica Hamlin, which also includes an elaborate index of Architectural Works published by the New York Columbia University Press, as prepared under the auspices of the School of Architecture of Columbia University, New York, N. Y.

ARCHITECT
Western Mutual Office Building  
(Continued from page 9)

The areas including basement and storage facilities embraced 6,124 sq. ft. with the new wings providing 3,679 sq. ft. added to the existing 2,445 sq. ft. in the existing building. Construction costs are not available for publication. Associated with Mr. Dupre were Paul C. Winters, Structural Engineer, Robert S. Curl and Associates, Mechanical Engineer and Geo. W. Timmons, General Contractor.

HOLOCAUST SUGGESTS ROOFING CHANGES  
(Continued from page 7)

engineering stage of this right now. Should this become an actuality, the only jobsite procedures would be hoisting and securing of deck to structural members and then spraying the roof-side butt joints with a compatible Vinyl material. The underside of the Vinyl encased, insulated-structural deck could be manufactured with a specified color, and the top or roofing membrane side, could have aluminum or white in order to affect greater reflection of the sun’s rays.

Most of this is theory. Time and study will indicate their value to the building industry.

Better Finishes and Coatings was one of the pioneering concerns in the development of the Vinlys for use

in moth-balling of equipment during and after World War II. It has become an extremely fascinating business in that every day new potential uses develop.

Primarily the Vinlys are manufactured as strippable and non strippable membranes. The moth-balling operation called for a strippable material. We now use strippable Vinyl in packaging and as a protection course in fabricating processes.

Non strippable Vinyl as used in the Construction Industry is in its infancy. We see its use as an interior and exterior water-proofing membrane, both above and below grade. It has been used as a roofing and flashing membrane. We look for continued expansion in the construction field because of the almost unlimited color ranges, its resistance to many acids, alkalis, salts, etc., and its amazing ductility. It is manufactured to specification requiring at least a 200% stretch factor without rupturing. It must also make a 180° bend, over a 1/2" mandrill at 20° below zero without rupturing. It must also maintain its characteristics up to 180° F.

Our promotion of the Vinlys as a weatherproofing material in the Construction field has been most conservative. We make a thorough investigation of local people in the field of waterproofing and appoint only the highest qualified firms as distributor applicators. We additionally advise specifications and police each individual job. This conservative approach has been adopted to preclude any bad installations which could possibly slow up our progress in this field.

We believe the horizons for the use of Vinlys, in different formulae, is only limited by our imaginations.

A TIP FOR CHAPTER DISCUSSIONS

To control group discussion—and at the same time prompt the group decision you want—don’t sit down after you’ve made your speech and let the group chew it over among themselves. After all, once you have made your presentation and told your story, it is from the discussion that the decision will come.

Your basic strategy, therefore, is to rough out your ideas and start discussion, acting more or less as the leader in guiding the group’s thinking and talking. To guide the discussion through arguments and disagreements to a decision, here is a technique to use. Ask a leading question and wait for a number of responses. Then pick up the response that follows your line of thought as the basis for the next question. Wait for a few more responses to this second question; select the one that is going in the right direction and ask another follow-up question. By repeating this process you not only allow members of the group to express divergent ideas and avoid any feeling that you’re bottling them up, but you are also drawing from the group ideas and facts necessary to a decision. Sometimes the response you may want may be the first you get; sometimes the last. But vary your strategy a bit instead of seizing upon the response you want immediately so as not to be too obvious in your guidance. Remember: you are not arguing with the group—you are on the same side of the fence with them working out a solution to a mutual problem.

PLASTICS FOR HOME BUILDING

CHALLENGE TIMBER AND METAL

Plastics have become a first line building material, declares “House & Home,” one of Time, Inc. publications. They are matching their strength against timber and metal, with new products and different uses for these products being introduced into the building market almost daily.

(Continued on page 32)
## 1954 ROSTER

**ARCHITECTS REGISTERED IN OHIO**

Registered and Eligible to Practice in Ohio as of February 10, 1954

### AKRON

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ball, George J.</td>
<td>614 Met. Bldg., Akron 8</td>
<td>Akron</td>
</tr>
<tr>
<td>Bliss, Edwin F.</td>
<td>569 East Exchange St., Akron 6</td>
<td>Akron</td>
</tr>
<tr>
<td>Cooper, Harry A.</td>
<td>706 Crosby St., Akron 3</td>
<td>Akron</td>
</tr>
<tr>
<td>Brown, Homer D.</td>
<td>70 N. Broadway, Akron 8</td>
<td>Akron</td>
</tr>
<tr>
<td>Canute, Gordon Wesley</td>
<td>194 West Exchange St., Akron 2</td>
<td>Akron</td>
</tr>
<tr>
<td>Cassidy, Harold S.</td>
<td>(Firestone &amp; Cassidy) 1961 W. Market St., Akron 8</td>
<td>Akron</td>
</tr>
<tr>
<td>Chambers, J. Henry (Konarski-Wiley-Chambers)</td>
<td>814 Market St., Akron 3</td>
<td>Akron</td>
</tr>
<tr>
<td>Chambers, Lorraine S.</td>
<td>22 S. Pershing Drive, Akron 13</td>
<td>Akron</td>
</tr>
<tr>
<td>Charlton, Jack, R.</td>
<td>539 Madison Ave., Akron 20</td>
<td>Akron</td>
</tr>
<tr>
<td>Connelly, George R.</td>
<td>158 Edgerton Rd., Akron 3</td>
<td>Akron</td>
</tr>
<tr>
<td>Creager, H. Keith</td>
<td>418 Grand Ave., Akron 2</td>
<td>Akron</td>
</tr>
<tr>
<td>Derrick, Kenneth L.</td>
<td>(Derr &amp; Stueber) 42 Frank Blvd., Akron 13</td>
<td>Akron</td>
</tr>
<tr>
<td>Dickson, Bernard</td>
<td>406 Madison Ave., Akron 20</td>
<td>Akron</td>
</tr>
<tr>
<td>Firestone, Roy G.</td>
<td>(Firestone &amp; Cassidy) 1961 W. Market St., Akron 8</td>
<td>Akron</td>
</tr>
<tr>
<td>Florence, E. Vance</td>
<td>776 N. Main St., Akron 10</td>
<td>Akron</td>
</tr>
<tr>
<td>Fransen, Jules</td>
<td>(Goodrich) 500 S. Main St., Akron</td>
<td>Akron</td>
</tr>
<tr>
<td>Gaus, Cordele R.</td>
<td>661 W. Market St., Akron 3</td>
<td>Akron</td>
</tr>
<tr>
<td>Gleiserman, Louis A.</td>
<td>531 Farmwood Dr., Akron 2</td>
<td>Akron</td>
</tr>
<tr>
<td>Gurian, Elmer J.</td>
<td>964 Greenview Ave., Akron 20</td>
<td>Akron</td>
</tr>
<tr>
<td>Haag, Everett Keith</td>
<td>(Haag &amp; Peddle) 165 W. Center St., Akron 2</td>
<td>Akron</td>
</tr>
<tr>
<td>Huff, William B.</td>
<td>1050 N. Main St., Akron 10</td>
<td>Akron</td>
</tr>
<tr>
<td>Kamenir, Bernard</td>
<td>406 Madison Ave., Akron 20</td>
<td>Akron</td>
</tr>
<tr>
<td>Kenny, Geves M.</td>
<td>(Kenny &amp; Stevens) 311 Kenilworth Dr., Akron 3</td>
<td>Akron</td>
</tr>
<tr>
<td>Konarski, Michael M.</td>
<td>844 West Market St., Akron 3</td>
<td>Akron</td>
</tr>
<tr>
<td>Kraus, Edward H.</td>
<td>247 E. Exchange St., Akron 4</td>
<td>Akron</td>
</tr>
<tr>
<td>Kraus, Robert J.</td>
<td>247 E. Exchange St., Akron 4</td>
<td>Akron</td>
</tr>
<tr>
<td>Kraus, Robert M.</td>
<td>247 E. Exchange St., Akron 4</td>
<td>Akron</td>
</tr>
<tr>
<td>Lauver, Martin P.</td>
<td>225 W. Exchange St., Akron 2</td>
<td>Akron</td>
</tr>
<tr>
<td>Luxmore, John R.</td>
<td>(Wagner &amp; Luxmore) 200 Permanent Bldg., Akron 8</td>
<td>Akron</td>
</tr>
<tr>
<td>McCord, George E., Jr.</td>
<td>525 Palisades Dr., Akron 3</td>
<td>Akron</td>
</tr>
<tr>
<td>McKenzie, John S.</td>
<td>1184 Woodward Ave., Akron 10</td>
<td>Akron</td>
</tr>
<tr>
<td>Murphy, Milton E.</td>
<td>1029 2nd Nat'L Bldg., Akron 8</td>
<td>Akron</td>
</tr>
<tr>
<td>Neff, Earl W.</td>
<td>500 Schiller Ave., Akron 10</td>
<td>Akron</td>
</tr>
<tr>
<td>Peck, Melville C.</td>
<td>2637 Albright Ave., Akron 12</td>
<td>Akron</td>
</tr>
<tr>
<td>Peddle, Eugene F.</td>
<td>(Haag &amp; Peddle) 165 W. Center St., Akron 2</td>
<td>Akron</td>
</tr>
<tr>
<td>Petersen, Alfred W.</td>
<td>64 S. Pershing Dr., Akron 13</td>
<td>Akron</td>
</tr>
<tr>
<td>Roberts, Stewart A.</td>
<td>1776 Marks Ave., Akron 5</td>
<td>Akron</td>
</tr>
<tr>
<td>Scott, J. Arthur (B. F. Goodrich Co.)</td>
<td>500 S. Main St., Akron</td>
<td>Akron</td>
</tr>
<tr>
<td>Steuber, Raymond J.</td>
<td>(Derr &amp; Stueber) 42 Frank Blvd., Akron 13</td>
<td>Akron</td>
</tr>
<tr>
<td>Stevens, Burt V. (Kenny-Stevens)</td>
<td>311 Kenilworth Dr., Akron 3</td>
<td>Akron</td>
</tr>
<tr>
<td>Suppes, John F.</td>
<td>55 F. Mill St., Permanent Bldg., Akron 8</td>
<td>Akron</td>
</tr>
<tr>
<td>Thompson, William B.</td>
<td>(B. F. Goodrich) 500 S. Main St., Akron</td>
<td>Akron</td>
</tr>
<tr>
<td>Tuchman, Joseph</td>
<td>194 West Exchange St., Akron 2</td>
<td>Akron</td>
</tr>
<tr>
<td>Wagner, Edwin D.</td>
<td>(Wagner &amp; Luxmore) 200 Permanent Bldg., Akron 8</td>
<td>Akron</td>
</tr>
<tr>
<td>Wiley, Kenneth F.</td>
<td>(M. M. Konarski) 814 W. Market St., Akron</td>
<td>Akron</td>
</tr>
<tr>
<td>Williams, Don W.</td>
<td>1163 St. Michaels Ave., Akron 20</td>
<td>Akron</td>
</tr>
</tbody>
</table>

### ASHTABULA

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dickinson, Harold Merton</td>
<td>1203 Walnut Blvd., Ashtabula</td>
<td>Ashtabula</td>
</tr>
<tr>
<td>Eddy, Merle J.</td>
<td>205 Park Pl., Ashtabula</td>
<td>Ashtabula</td>
</tr>
<tr>
<td>Kontitturi, Arne J.</td>
<td>Shea Bldg., 4631 Main Ave., Ashtabula</td>
<td>Ashtabula</td>
</tr>
<tr>
<td>Martin, Clarence V.</td>
<td>202 Johnson Bldg., Ashtabula</td>
<td>Ashtabula</td>
</tr>
</tbody>
</table>

### ATHENS

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Davis, William J.</td>
<td>166 Morris Ave., Athens</td>
<td>Athens</td>
</tr>
<tr>
<td>Deem, Dwane Howard</td>
<td>42 West Carpenter St., Athens</td>
<td>Athens</td>
</tr>
<tr>
<td>Lasche, Luverne F.</td>
<td>35 Fairview Ave., Athens</td>
<td>Athens</td>
</tr>
</tbody>
</table>

### BARRINGTON

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buzzard, Roger F.</td>
<td>532 West Park Ave., Barberton</td>
<td>Barberton</td>
</tr>
<tr>
<td>Miller, Donald C. F.</td>
<td>R.D. No. 1, Box 556, Barberton</td>
<td>Barberton</td>
</tr>
</tbody>
</table>

### BEDFORD

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haugen, Wayne A.</td>
<td>33 Magnolia St., Bedford</td>
<td>Bedford</td>
</tr>
<tr>
<td>Miller, Robert T. C.</td>
<td>1918 Raymond Rd., Bedford</td>
<td>Bedford</td>
</tr>
<tr>
<td>Raynes, Jesse F.</td>
<td>15803 Maplewood Ave., Bedford</td>
<td>Bedford</td>
</tr>
</tbody>
</table>

### BELLEFONTAINE

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gallogly, Clarence R.</td>
<td>316 N. Madriver St., Bellefontaine</td>
<td>Bellefontaine</td>
</tr>
<tr>
<td>Manor, Wm. Howard</td>
<td>Holland Theatre Bldg., Bellefontaine</td>
<td>Bellefontaine</td>
</tr>
</tbody>
</table>

### BEREA

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crider, Edward S.</td>
<td>(Mellenbrook-Foley &amp; Scott) 26 Front St., Berea</td>
<td>Berea</td>
</tr>
<tr>
<td>Foley, Thomas J. Jr.</td>
<td>(Mellenbrook, Foley &amp; Scott) 26 Front St., Berea</td>
<td>Berea</td>
</tr>
<tr>
<td>Mellenbrook, Earl H.</td>
<td>(Mellenbrook, Foley &amp; Scott) 26 Front St., Berea</td>
<td>Berea</td>
</tr>
<tr>
<td>Reitzler, Harold P.</td>
<td>474 Crescent Dr., Berea</td>
<td>Berea</td>
</tr>
<tr>
<td>Richards, Donald J.</td>
<td>206 Wyleswood Dr., Berea</td>
<td>Berea</td>
</tr>
<tr>
<td>Scott, Franklin G.</td>
<td>(Mellenbrook, Foley &amp; Scott) 26 Front St., Berea</td>
<td>Berea</td>
</tr>
<tr>
<td>Williamson, Glenn M.</td>
<td>261 Franklin Dr., Berea</td>
<td>Berea</td>
</tr>
</tbody>
</table>

### BRECKSVILLE

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biskup, Emil J.</td>
<td>4350 Harris Rd., R. D. No. 2, Brecksville</td>
<td>Brecksville</td>
</tr>
<tr>
<td>Keister, Lowell M.</td>
<td>Cedar St., Brecksville</td>
<td>Brecksville</td>
</tr>
</tbody>
</table>

### CAMBRIDGE

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garrod, Eloise K.</td>
<td>635 Upland Drive, Cambridge</td>
<td>Cambridge</td>
</tr>
<tr>
<td>Sigman, Thomas L.</td>
<td>754 Wheeling Ave., Cambridge</td>
<td>Cambridge</td>
</tr>
</tbody>
</table>

### CANTON

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Balaun, Edward P.</td>
<td>205-6th St., N.W., Canton 2</td>
<td>Canton</td>
</tr>
<tr>
<td>Breiting, Kenneth J.</td>
<td>1100 Dieber Ave., Canton 6</td>
<td>Canton</td>
</tr>
<tr>
<td>Cox, James Morgan</td>
<td>1919 Demington Rd., N. W., Canton 8</td>
<td>Canton</td>
</tr>
<tr>
<td>Dix, Ralph G., Jr.</td>
<td>3307 Martindale Rd., N. E., Canton 4</td>
<td>Canton</td>
</tr>
<tr>
<td>Dykes, Eugene W.</td>
<td>125 Valleyview Ave., Canton 8</td>
<td>Canton</td>
</tr>
<tr>
<td>Firestone, Charles S.</td>
<td>(Firestone &amp; Motter) 1412 Cleveland Ave., Canton 3</td>
<td>Canton</td>
</tr>
<tr>
<td>Firestone, Charles E., II</td>
<td>1412 Cleveland Ave., N.W., Canton 3</td>
<td>Canton</td>
</tr>
<tr>
<td>Foulks, George M.</td>
<td>625 12th St., N. W., Canton 3</td>
<td>Canton</td>
</tr>
<tr>
<td>Frank, Harry C.</td>
<td>201 Canton Bldg., Canton 2</td>
<td>Canton</td>
</tr>
<tr>
<td>Goodenberger, Ralph A.</td>
<td>1614 Edmeyer Ave., N.W., Canton</td>
<td>Canton</td>
</tr>
<tr>
<td>Lawrence, Richard E.</td>
<td>(Lawrence &amp; Dykes) 125 Valley View Ave., N. W., Canton 8</td>
<td>Canton</td>
</tr>
<tr>
<td>Lorenz, Raymond V.</td>
<td>1403 10th St., N. W., Canton 3</td>
<td>Canton</td>
</tr>
<tr>
<td>Motter, Laurence J.</td>
<td>(Firestone &amp; Motter) 1412 Cleveland Ave., Canton 3</td>
<td>Canton</td>
</tr>
<tr>
<td>Wise, William E.</td>
<td>711-7th St., N.W., Canton 3</td>
<td>Canton</td>
</tr>
</tbody>
</table>

### CHAGRIN FALLS

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burrows, Rillard C., R. D. No. 3</td>
<td>Providence Rd., Chagrin Falls</td>
<td>Chagrin Falls</td>
</tr>
<tr>
<td>Fitcher, C. Ralph</td>
<td>373 E. Washington St., Chagrin Falls</td>
<td>Chagrin Falls</td>
</tr>
<tr>
<td>Grieme, Henry C., R.</td>
<td>35 Main St., Chagrin Falls</td>
<td>Chagrin Falls</td>
</tr>
<tr>
<td>Schwerzler, Urban G.</td>
<td>Hemlock Point Road, R.F.D. No. 2, Chagrin Falls</td>
<td>Chagrin Falls</td>
</tr>
<tr>
<td>Tibbets, Walter L.</td>
<td>J. N. Strawberry Lane, Chagrin Falls</td>
<td>Chagrin Falls</td>
</tr>
</tbody>
</table>

[February, 1954] 11
OHIO AT TOP IN CONTRACT AWARDS

Ohio had construction contract awards in 1953 of $2,200,816,000 it was stated recently by Dodge Corporation. The twelve month award total was up 105 per cent over 1952.

Dodge reports revealed Ohio far surpassed the 4 per cent construction award increase of the entire 37 eastern states.

Individual annual awards were: non-residential, $1,114,215,000 up 161 per cent over 1952; residential, $560,909,000, up 14 per cent; heavy engineering, $525,694,000, up 257 per cent.

December individual totals were: non-residential, $197,884,000 down 76 per cent from November and 74 per cent below December, 1952; residential, $50,363,000, down 12 per cent from November but 20 per cent above December, 1952; heavy engineering, $156,207,000, up 17 per cent over November and 273 per cent above December, 1952.

Total construction awards for December were $116,354,000, down 33 per cent from November but 4 per cent above December, 1952.

January's total of building and engineering contracts awarded in the 37 eastern states reached an all time high for any year's opening month according to Dodge Reports. The contract total for the month was $1,151,987,000, being 7 per cent more than the figure for January, 1953 and 28 per cent more than the figure for January, 1952.

Last month's awards for nonresidential building amounted to $473,077,000, a 16 per cent increase over the corresponding month of last year; residential awards at $462,482,000 were 1 per cent ahead of January, 1953; heavy engineering contracts (public works and utilities) at $216,428,000 were 4 per cent higher than in January of last year.

(Continued on page 19)
When you think of **FIRESAFE BUILDING MATERIALS**

Think of **"CLEVELAND BUILDERS FIRST"**

READY-MIXED CONCRETE • GLASS BLOCK

GLAZED UNITS • CERAMIC UNITS

DURABLOX • WATER PROOFING

LITE-ROCK PLASTER • DOX FLOOR &

ROOF SYSTEM • BRICK • TILE

PREFABRICATED ALL-STEEL BUILDINGS

THE CLEVELAND BUILDERS SUPPLY CO.

MARION BLDG. MAin 1-4300

---

ACOUSTICAL TREATMENT

should it be...

Combustible? Monolithic?

Incombustible? Tile Form?

Perforated? Fissured? Textured?

Suspended? Furred?

Cemented? Mechanically Attached?

MID-WEST's trained staff of consultants can furnish the latest information to assist you in your decision.

SERVING you with the products of these companies:


FROM any of these convenient offices and warehouses...

CLEVELAND

AKRON

TOLEDO

DAYTON

COLUMBUS

SPRINGFIELD

The MID-WEST ACOUSTICAL & SUPPLY Co.

GENERAL OFFICES — 20001 WEST LAKE RD., CLEVELAND 16, OHIO

---

1001 Templin, Howard M., 144 Oak Knoll Drive, Dayton 9
1121 Tompsett, Walter W., 214 Cambridge Ave., Dayton 7
898 Walker, George R. (Walker-Norwick) 12 W. Monument Ave., Dayton 2
2057 Walter, George E., 1068 Reibold Bldg., Dayton 2
853 Ward, William G., 416 Shiloh Drive, Dayton 5
2096 Welker, Richard E., 1716 Queens Ave., Dayton
1349 Welty, Wilbert N., 11 W. Monument Bldg., Dayton
1373 Wertz, Wm. Chas. (Rm. 232) Third Natl. Bldg., Dayton 2
1508 Whitmore, L. Damon, McEwen Rd., Rt. No. 2, Box 281
1710 Williams, Gareth R. (Lorenz & Williams) 223 West First St., Dayton 2
1201 Williams, Milton R. (Lorenz & Williams) 223 West First St., Dayton 2
1965 Williams, Roger W., 223 W. First St., Dayton 2
1392 Yount, W. Ray. 419 Third Natl. Bldg., Dayton 2
1351 Willscy, Carter C., 916 Irving Ave., Dayton 9
1254 Wurz, Wilbur W., 5705 Salem Ave., Dayton 2

EAST LIVERPOOL

1041 Beatty, Robert F., Potters Sav. & Loan Bldg., E. Liverpool
1914 Clouse, Raymond E., Gaston Place, East Liverpool
1830 Porter, James Nessly, Cain Hts., Rt. 19, East Liverpool
1008 Todd, H. Allan, Broadview Circle, East Liverpool

ELYRIA

2069 Clark, John Roger (Alva C. Smith) 22-23 Turner Bldg., Elyria
1774 Edwards, Robert G., 543 Second St., Elyria
1635 Kelly, John T., 560 Park Ave., Elyria
2191 Miller, Richard A., 790 North Abbe Rd., Elyria
451 Smith, Alva C., Turner Bldg., Elyria
2071 Smith, Alva L. (Alva C. Smith) 22-23 Turner Bldg., Elyria

FREMONT

2177 Huddle, N. Jack, 827 Ohio Ave., Fremont
2156 Olson, George (C. H. Shively) 400 1/2 Croghan St., Fremont
1892 Posler, Frank F., 147 Fennimore St., Rt. No. 2, Fremont
1774 Shively, Chester H., 400 1/2 Croghan St., Fremont
1966 Welker, Robert G., 1121 Birchard Ave., Fremont

GROVE CITY

2154 DeVoss, Garfield A., 3918 S. Broadway, Grove City
982 Marsh, Carl M., 7859 Darbyview Dr., Grove City, Rt. 2

HAMILTON

219 Hair, Walter R. (Hair-Hetterich-Siegel) 10 Court St., Hamilton
270 Hettrich, Ralph H. (Hair-Hetterich-Siegel) 10 Court St., Hamilton
1978 Horn, John M., Jr., 421 Dayton St., Hamilton
1292 Jones, Fred J., 210 Dick Ave., Hamilton
598 Kessing, Henry J., 206 S. Monument Ave., Hamilton
1770 Ranck, David K., 228 Washington Bvd., Hamilton
2174 Rosmarin, Herbert P., 1143 Goodman St., Hamilton
1319 Siegel, William A. (Hair-Hetterich-Siegel) 10 Court St., Hamilton
512 Smith, Robert Earl, 831 Main St., Hamilton
1158 Winkler, Fred J., 814 First Natl. Bank Bldg., Hamilton

HUDSON

2129 Bonsteel, David L., 287 North Main St., Hudson
2100 Thomas, James Sherman, Streetsboro Rd., Hudson
2168 Thomas, James William, Streetsboro Rd., Hudson

HURON

1771 Gerding, Robert M., Rye Beach, Huron
2029 Ulrich, Edmund V. A., Rt. 2, Mason Rd., Huron

KENT

1067 Green, Lawrence J., 145 S. Chestnut St., Kent
525 Greese, James Wm. Twin Lakes Kent (R. D. No. 1)
170 Kistler, Charles G., 136 N. Water St., Suite No. 4, Kent
1699 Morbito, Joseph F., 130 Overlook Dr., Kent

LANCASTER

2120 Crook, Ralph F., 121 1/2 W. Main St., Lancaster
990 Guthrie, Bruce, 130 E. Wheeling St., Lancaster

LIMA

1161 Dennman, Richard A., 921 Rice Ave., Lima
1361 Helser, Robert A. (Wm. E. Helser, Assoc.) 218 W. Market St., Lima
1462 Helser, William E., 218 W. Market St., Lima

18 [February, 1954]

THE OHIO
OHIO AT TOP IN CONTRACTS
(Continued from page 17)

Thomas S. Holden, of F. W. Dodge Corporation says, "this gratifying record for January's forward commitments for new construction activity will likely surprise those people who have been expecting a marked decline in building and engineering activity this year. Added to the carryover from the large contract volume of last year's fourth quarter, January's contract volume promises a very high rate of construction activity during the current quarter.

This year the January seasonal drop from December's contract total was only 11 per cent, compared with a 27 per cent drop from December, 1952 to January, 1953.

CARNegie TECH STUDENT WINS NATIONAL CONTEST

William P. Bartoli, Carnegie Institute of Technology architectural student from Pittsburgh, took first prize in a national design contest sponsored by the Beaux-Arts Institute of Design in cooperation with the Tile Council of America.

Mr. Bartoli's plan for a college student union building included large terraces of clay tile, which was selected for its durability and ease of maintenance, and a huge fireplace faced with the same material, in one of the lounges.

Second prize in the competition went to John Gerba, Western Reserve University student, of Cleveland. Jacob J. Gesh, Carnegie Institute of Technology; Keith Hinchev, Oklahoma A. & M.; George A. Bock, University of Virginia; Theodore A. Monacelli, Carnegie; and Robert P. Breding, Pennsylvania State University, took special awards.

The competition drew 132 entries from 11 leading colleges and universities throughout the United States. A group of architects, all members of the Beaux-Arts Institute of Design, judged the contest in New York City.

To give guests in the home a favorable first impression, nothing is more important in the entrance foyer than the floor which keynotes the entire decorative scheme of the home. Vina-Lux, with its broad range of beautiful colors, can be used effectively to dramatize this important room.

Vina-Lux colors blend perfectly with today's new fabrics and furnishings — and, besides being beautiful, are practical. Here's a floor that is harder to get dirty and easier to get clean. Its built-in surface sheen simply does not permit dirt or grime to wear in. Food greases and oils will not soften it and it keeps its glossy surface sheen without the need of waxing.

Let them walk into a warm welcome, by walking in on Vina-Lux — America's leading vinyl-asbestos tile. It's the modern floor that adds real distinction to any home.
MASSILON
181 Albrecht, Herman J., 512 McClymonds Bldg., Massillon
1220 Mathieu, Harry L., 1st Saving & Loan Bldg., Massillon
1281 Rauber, Harold R., 410 Monroe St., N. W., Massillon
1722 Ross, Thomas B., 1306 3rd St., N. E., Massillon
MAUMEE
1372 Meyerhofer, Henry J., 306 W. Williams St., Maumee
1928 Nickerson, Marcus F., III, 312 W. Harrison St., Maumee
MENTOR
823 French, Alfred Earl, Mentor Ave., R. D. No. 2, Mentor
1176 Reed, J. Richard, 1233 Mentor Ave., Mentor
MIAMISBURG
1984 Daily, William H., 429 Early Dr., West, Miamisburg
1972 Heist, Martin L., 24 E. Central Ave., Miamisburg
2002 Poti, Frank, 510 E. Central Ave., Miamisburg
MIDDLETOWN
1580 Bingham, George R., 702 Stanley St., Middletown
1197 Campbell, C. Harry, 1007 Midway St., Middletown
19

To Specify with Confidence
...Select Reliable Products

ELKHART FIRE EQUIPMENT
(Inside Fire Protection)

OLSONITE TOILET SEATS

SYMMONS SAFETYMIX

SHOWER EQUIPMENT

SANITIFIC FITTINGS
(Cast Iron floor and roof drains, etc.)

MILWAUKEE SHOWER STALLS

We have been conscientiously representing the above products for many years and our aim is to give our accounts the SERVICE worthy of the products we represent.

Robert L. Fisher
AUTHORIZED REPRESENTATIVE
1200 WEST 9th ST. Cherry 1-2045 CLEVELAND, OHIO

GREATER CLEVELAND
HOME AND FLOWER SHOW
"Springtime in the Berkshires"

9 DAYS OF "THE MOST BEAUTIFUL SHOW OF THE YEAR"

Two Saturdays and Two Sundays

Opening day, Saturday, March 6 ........ 1 p.m. to 11 p.m.
Daily until closing date .................. 11 a.m. to 11 p.m.
Closing day, Sunday, March 14 .......... 11 a.m. to 8 p.m.

AN ACRE OF FLOWERS . . . recreates a gorgeous panorama of the quiet, colorful beauty of a New England countryside a century ago.

TWO MODERN HOMES . . . complete with furnishings and landscaping . . . highlighting the latest trends in gracious living.

THREE NEW DEPARTMENTS . . . POWER GARDEN . . . featuring motorized machines and home equipment. SHADY LANE . . . exhibiting metal awnings and similar products. A MIDWAY . . . with countless kitchen aids.

BOX OFFICE
ADMISSION
Including federal tax

75¢
HOTSTREAM GAS WATER HEATERS

Automatic • Underfired • Insulated

RESIDENTIAL TYPES
A size and style for every home—cottage, bungalow, ranch house, medium 2-story or mansion, Tabletop, 30 gallon, or round models from 20 to 80 gallon capacities. Types for kitchen, utility room or basement.

We also make "Won't-Rust" STONE-LINED WATER HEATERS
No rusty water! Ask for information

LARGE VOLUME HEATERS
Mr. "BIG" of the Hotstream line—For heavy duty, with high input. For restaurants, apartments, hotels and industrial plants. Also used for hot water space heating.
Four sizes... with inputs from 90,000 to 230,000 Btu.

Free Complete Catalog on Request

THE HOTSTREAM HEATER CO. 2363 EAST 69TH ST. CLEVELAND 4, OHIO

Manufacturers of a complete line of water heaters and Draft-O-Stats

[February, 1951] 21
Kinnear Steel Rolling Doors

**Originated by Kinnear**, the door with the interlocking steel slat curtain has set the pace in long-lasting, low-maintenance efficiency and all-metal protection. Coiling into small space just above the doorway, it opens completely out of the way, clears the entire opening, and permits use of all surrounding floor and wall space at all times. Built any size; motor or manual operation. Write for the new Kinnear catalog.

The KINNEAR Mfg. Co.

**Factories:**

1191 Fields Ave., Columbus 16, Ohio, 1742 Yosemite Ave., San Francisco 24, Calif.

Clears the entire opening, stays out of reach of damage.

**IF IT’S TO BE FENCED...**

Stewart Plain and Ornamental Iron Fence. ▲ Stewart Ornamental Iron Entrance Gates. ▲ Stewart Chain Link Wire Fence for all purposes.

**KINNEAR ROLLING DOORS**

Saving Ways in Doorways

**TALK IT OVER WITH STEWART**

- Stewart Iron and Chain Link Wire Fence and Gates are made in many styles, weights and heights to meet the fencing requirements of all types of property from a small cottage to a large industrial plant. Before you specify fence, be sure to see what Stewart has to offer. Catalog 84 for Iron Fence, and catalog 85 for Chain Link Wire Fence will be sent on request.

**THE STEWART IRON WORKS CO., Inc.**

P.O. Box 1039
Cincinnati 1, Ohio

Experts in Metal Fabrication since 1886

**CALIFORNIA**

- Cramer, George T., 1706 Wright St., Pomona, Calif.
- Cramer, Paul W., 3335 Military Ave., Los Angeles 31, Calif.
- Dawson, Robert F., 729 DeSoto Dr., Palo Alto, Calif.
- Ducker, George R., 333 Tennessee Lane, Palo Alto, Calif.
- Dulebohn, Richard E., 238 California Ave., Mill Valley, Calif.
- Fish, Charles W., 7891 Laurel, Fontana, Calif.
- Foose, Adrian, 11205 Burbank Blvd., Van Nuys, Calif.
- Gerhardt, Louis W., 1733 Revere Ave., San Francisco 21, Calif.
- Jensen, W. Franklin, 2108 Ocean Park Blvd., Santa Monica, Calif.
- Johnson, Myron E., 4874 Vistaideo Ave., Los Angeles 43, Calif.
- Lawless, Patrick L., 446 San Vicente Blvd., Santa Monica, Calif.
- Medicus, Fred C., 2182 Ashby Ave., Berkeley 5, Calif.
- Nichols, Stephen E., 409 E. Badillo St., Covina, Calif.
- Ott, J. Stanley, (City Planning Commission) City Hall, Stockton, Calif.
- Stedman, Claude W., Homeland, Calif.
- Swagert, Everett D., 956 Crane St., Menlo Park, California
- Welteck, John R., 6111 West 76th St., Los Angeles 45, Calif.
- Williams, H. Roger, The Oasis Bldg., Palm Springs, Calif.
- Williams, Harry J., The Oasis Bldg., Palm Springs, Calif.
- Winans, Lynn C., 2511 Clove St., San Diego 6, Calif.
- Wolstein, J. B., 1711 Cartwright Ave., N. Hollywood, Calif.

**COLORADO**

- Kindig, Robert W., 2290 Quitman, Apt. No. 8, Denver, Colo.

**DELAWARE**

- Harris, William H. (Garfield Park) 17 Halcyon Dr., New Castle, Del.
- Shilling, Chas. C., 607 N. Walnut St., Milford, Delaware

**FLORIDA**

- Bailey, Frank W., Second St. & Royal Palm, Ft. Myers, Fla.
- Bailey, George H., Second St., & Royal Palm, Ft. Myers, Fla.
- Bailey, Ralph E., Second St. & Royal Palm, Ft. Myers, Fla.
- Findt, William C., 3420 W. Riverside Dr., Ft. Myers, Fla.
- Frederick, Frank A., Jr., Route No. 1, Micanopy, Fla.
- Gordon, Charles, 20 Antilla Ave., Coral Gables 51, Fla.
- Hahn, Marvin R., 1212 Adams St., Hollywood, Fla.
- Kelley, Albert L., 3521 Dubsdread Circle, Orlando, Florida
- King, James B., 318 West Colonial Drive, Orlando, Fla.
- Lawler, Thomas, University of Florida, Gainesville, Fla.
- Legge, Seward D., 60 N. W. 51st St., Miami, 37, Florida
- Stetson, John K., 720 N. E. 118th St., Miami 38, Florida
- Seymour, Russell, Atlantic Bank Bldg., Jacksonville 2, Fla.
- Simonson, Byron F., 5 Plaza Bldg., Palm Beach, Fla.
- Stetson, John, 217 Peruvian Ave., Palm Beach, Fla.
- Taylor, Rhoderic F., Coleman Arcade, Melbourne, Fla.
- Trent, George E., 1701 Columbia Ave., West Palm Beach, Fla.
- Whitworth, Henry P., P. O. Box 685, Winter Park, Fla.
- Wortman, Edgar S., 1122 N. Dixie, Lake Worth, Fla.

**GEORGIA**

- Shelton, Jesse M., 96 Poplar St., Atlanta 3, Ga.

**ILLINOIS**

- Anderson, Helmer N., 1105 Forest Ave., River Forest, Ill.
- Barry, Gerald A., 55 W. Jackson Blvd., Chicago 4, Ill.
- Beider, Herbert B., 952 N. Michigan Ave., Chicago 11, Ill.
- Belford, Kenneth E., Jr., 724 Warrenville Rd., Wheaton, Ill.
- Bloodgood, Walter, 418 Benton St., Aurora, Ill.
- Boyce, Clifford O., 444 W. Drivesey Pkwy., Chicago, Ill.
- Burgee, Joseph Z., 180 North Wabash Ave., Chicago 1, Ill.
- Burt, Paul Gordon, 520 N. Michigan Ave., Chicago 11, Ill.
- Childs, Frank A. (Childs & Smith) 20 N. Wacker Drive, Chicago 6, Ill.
- Christensen, Hans C., 600 S. Michigan Ave., Chicago 5, Ill.
- Cohen, Isidor M., 26 S. State St., Chicago 3, Ill.
- Defendorf, Charles E., LaSalle St. Station, NYC, Chicago 5, Ill.
- Fisher, Rollin R., 511 - 17th St., Wilmette, Ill.
- Egbar, Robert Rei., 333 North Michigan Ave., Chicago 1, Ill.
- Eugenides, John J., 1320 West 75th St., Chicago 36, Ill.
- Falbner, Charles D., 307 N. Michigan Ave., Chicago 1, Ill.
- Fisher, Joseph G., 5250 George St., Skokie, Ill.
- Fisher, Naime W., 1052 West Sheridan Rd., Chicago 40, Ill.
- Fowler, George S., Jr., 7010 S. Indiana Ave., Chicago 37, Ill.
- Friedman, Raphael N., 223 W. Jackson Blvd., Chicago 6, Ill.
- Fugard, John R., 520 N. Michigan Ave., Chicago 11, Ill.
The PARSONS PAINTING Co.
Commercial • Residential • Industrial
BRUSH OR SPRAY
SPECIALISTS IN COLOR HARMONY

Cleveland
HE. 1-4735

AKRON
UN. 4-3883

Blue Prints
Whitest lines — best blue — super service plus parking facilities.
This is what architects have told us, that is why they continue to use our service. How about you?
Phone MAin 1-6746

B. K. ELLIOTT CO. (NEW HOME)
634 Huron Rd. CLEVELAND, O.
Free delivery service

Architectural, Miscellaneous and Ornamental Iron and Non-Ferrous Metals
RAILINGS - GRATINGS - FIRE ESCAPES
STAIRWAYS - SIDEWALK DOORS - LADDERS
WIRE MESH WORK
Maintenance on Fire Escapes and Outside Stairs

ART METAL & IRON WORKS, INC.
12369 Euclid Ave. Phone Cedar 1-8000 Cleveland, Ohio

The Claycraft Co.
MANUFACTURERS OF
FACE BRICK — GLAZED BRICK and TILE
P.O. BOX 866 • DO. 2727
COLUMBUS 16, OHIO

Five Modern Plants to Serve You

1565 Siemens, Barbara Wolfe, North River Rd., Rt. No. 2, Lafayette, Indiana
961 Strauss, Alvin M., 600 Strauss Bldg., Ft. Wayne 2, Ind.
1336 Werking, Paul R., 2000 East Main St., Richmond, Ind.
2015 Wilson, Carlton C., R. R. No. 4, Toschlog Rd., Richmond, Indiana
1469 Worden, Roy A., 312 W. Colfax, South Bend, Ind.
2168 Zimmerman, William J., 1645-A, E. Michigan St., Evansville 11, Indiana

IOWA
1514 Normile, John (Meredith Publish. Co.) Des Moines 3, Iowa

KENTUCKY
1153 Arrasmith, Wm. S., 200 Madrid Bldg., Louisville 2, Ky.
1992 Betz, Fred E. (Betz & Bankemper) 319 Scott St., Covington, Kentucky
657 DiQuo, Chester H., 1212 Highway, Covington, Ky.
1759 Foster, Abner E., 6th & Greenup Sts., Covington, Ky.
922 Harmon, Albert H., 508 E. Main St., Lexington, KY.
1620 King, Harvey M., 1115 Fourth Ave., Louisville 3, Ky.
1942 Labner, Anthony L., 1148 Henry Clay Ave., South Hills, Covington, Ky.
2231 Lusk, George A., 303 Professional Arts Bldg., Ashland, Ky.
1682 Nolan, Thomas J., St., 311 Kentucky Home Life Bldg., Louisville 2, Ky.
1667 Schott, John R., 109 Shelby St., Covington, Ky.

MARYLAND
716 Alshuldfeld, Meyer L., 2603 Denison St., Baltimore 16, Md.
2221 Edmunds, James R., 111, 1025 St. Paul St., Baltimore 2, Md.
814 Hilles, Clark H., 5118 Hampden Lane, Bethesda, Md. 14
1684 Hughes, James B., 1811 Burns, Detroit 14, Mich.
2222 Hyde, Bryden B., 1025 St. Paul St., Baltimore 2, Md.
1663 Johnston, Laurence P., 4606 East-West Highway, Bethesda 8, Maryland
896 Robinson, Charles A., P. O. Box No. 5, Gaithersburg, Md.
2223 Rodziewicz, George, 1025 St. Paul St., Baltimore 2, Md.

MASSACHUSETTS
1650 Ciccio, Joseph A. (Wollaston) 301 Newport Ave., Quincy 70, Massachusetts
1820 Cuneo, Laurence J., 31 Myrtle St., Malden, Mass.
2236 Dean, Robert C., 955 Park Square Bldg., Boston 60, Mass.
1725 Des Granges, Donald, 161 Devonshire St., Boston 10, Mass.
1792 Doran, John T., 218 Boylston St., Boston 16, Mass.
2061 Goodwin, Allison P., 114 Richards Hall, Harvard University, Cambridge 38, Mass.
2255 Hepburn, Andrew H., 955 Park Square Bldg., Boston 16, Massachusetts
1719 Harris, James Lee, 15 Brattle St., Cambridge 40, Mass.
1305 Hatheaway, Harvey H., Main St., Northfield, Mass.
1326 Mason, John K., 5 Norwood Ave., Rockport, Mass.
2233 Perry, William Graves, 955 Park Square Bldg., Boston 16, Massachusetts
2220 Potter, Grafton W., Jr., 60 Walton Park, Melrose 76, Mass.
2221 Shaw, Thomas Mott, 955 Park Square Bldg., Boston 16, Mass.
1726 Steflian, Edwin T., 11 Beacon St., Boston 8, Mass.

THE
KUHLMAN BUILDERS SUPPLY
& BRICK COMPANY
914 SUMMIT STREET
TOLEDO 4, OHIO
Telephone: ADams 4107-08-09

26 [February, 1954]
JUDGING QUALITY
However you judge concrete quality—by performance, by appearance, or by long term economy—the "tops" by any standard is . . .

Richter's Pozzolith Ready Mixed Concrete
Give it a try on your next job. You will be glad you did.

Richter Concrete Corp.

BLUE PRINTS
FOR INSTANT SERVICE CALL
MA. 0425
B-W PRINTS
L. M. Prince Co.

ARCHITECTURAL PORCELAIN ENAMEL
selected for
• PERMANENT COLOR AND BEAUTY
• LOW MAINTENANCE COST
• LASTING DURABILITY

Ready to serve you and your clients
THE R. L. WURZ CO.
1836 Euclid Ave.
Cleveland, Ohio
CHErry 1-7830

we are specialists
We produce bulletins, mail advertising, catalogs, house organs, publications of all kinds at the right prices.

LIBERTY PRINTCRAFT CO.
printers of "The Ohio Architect" and other professional and trade journals
6523 Euclid • EXPRESS 1-8700 • Cleveland 3
WASHINGTON, D.C.

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coughlin, John B.</td>
<td>1937, 14th St., N.W., Washington 7, D.C.</td>
<td>Washington</td>
<td>D.C.</td>
</tr>
<tr>
<td>Mills, Alan B.</td>
<td>1484, 114th St., N.W., Washington 10, D.C.</td>
<td>Washington</td>
<td>D.C.</td>
</tr>
<tr>
<td>Saenger, John B.</td>
<td>1937, 1021 31st St., N.W., Washington 7, D.C.</td>
<td>Washington</td>
<td>D.C.</td>
</tr>
<tr>
<td>Vaughn, Edward L.</td>
<td>708, 12 Galveston St., S.W., Washington 20, D.C.</td>
<td>Washington</td>
<td>D.C.</td>
</tr>
</tbody>
</table>

WASHINGTON

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burr, Donald F.</td>
<td>1739, 6108½ Motor Ave., S.W., Tacoma 99, Washington</td>
<td>Tacoma 99</td>
<td>Wash.</td>
</tr>
<tr>
<td>Thomas, Eugene A.</td>
<td>1444, 5916 48th Ave., S.W., Seattle 6, Wash.</td>
<td>Seattle 6</td>
<td>Wash.</td>
</tr>
</tbody>
</table>

WEST VIRGINIA

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown, George D.</td>
<td>1533, 1100 Kanawha Valley Bldg., Charleston, West Virginia</td>
<td>Charleston</td>
<td>West Virginia</td>
</tr>
<tr>
<td>Folwell, Jesse D.</td>
<td>906, 1117 Chapline St., Wheeling, West Va.</td>
<td>Wheeling</td>
<td>West Va.</td>
</tr>
<tr>
<td>Reamer, Denver R.</td>
<td>2038, 314 Frennint St., South Charleston, W. Va.</td>
<td>Charleston</td>
<td>West Virginia</td>
</tr>
<tr>
<td>Stark, Donald H.</td>
<td>1809, P. O. Box 518, Mount Hope, West Va.</td>
<td>Mount Hope</td>
<td>West Va.</td>
</tr>
<tr>
<td>Turner, Denver R.</td>
<td>2038, 314 Tremont St., South Charleston, W. Va.</td>
<td>Charleston</td>
<td>West Virginia</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whighthouse, Albert G.</td>
<td>713, 3653 Limberg Way, Weirton 2, West Virginia</td>
<td>Weirton 2</td>
<td>West Virginia</td>
</tr>
</tbody>
</table>

WISCONSIN

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meyer, Carl Edgar</td>
<td>2075, 8225 West Center St., Milwaukee 10, W. Va.</td>
<td>Milwaukee 10</td>
<td>Wis.</td>
</tr>
</tbody>
</table>

FOREIGN

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>City</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thum, F. Charles</td>
<td>1698, U. S. Embassy, Paris, France</td>
<td>Paris</td>
<td>Fr.</td>
</tr>
<tr>
<td>Williams, Macon G.</td>
<td>1680, ACS Installations, HDQRS. USAF, APO 653, C/O P. M., New York, N. Y.</td>
<td>New York</td>
<td>N. Y.</td>
</tr>
</tbody>
</table>

"This is an amended roster as of February 1st, 1954, and is not to be considered as being “official.” The official list will be published in the near future in the Annual Report of the State Board of Examiners of Architects.”

Oil Burning and Gas Firing Equipment
KEELOER BOILERS
AMES STEAM GENERATORS
P. J. SHOMER CO.
Superior 1-8242
1480 Lakeside Ave.
CLEVELAND, OHIO

"The KILROY Structural Steel Co." 8500 UNION AVE.
CLEVELAND 5, OHIO
Vulcan 3-3000

«CITY BLUE»
The Open Sesame for
BLUE PRINT and PHOTOSTAT SERVICE
In Cleveland Since '93
Cherry 1-7347
209 SWETLAND BLDG. * CLEVELAND

Oil Burning and Gas Firing Equipment
KEELOER BOILERS
AMES STEAM GENERATORS
P. J. SHOMER CO.
Superior 1-8242
1480 Lakeside Ave.
CLEVELAND, OHIO

A. L. VANDERHOOF, INC.
233 Hanna Bldg. • Cherry 1-6911 • CLEVELAND, OHIO
— Representing —
WARREN WEBSTER & CO.
THE RIC-WIL COMPANY
KEWANEE-ROSS CORP.
THE PATTERSON-KELLEY CO., INC.
CHICAGO PUMP COMPANY
NASH ENGINEERING CO.

BLUEPRINTS • WHITEPRINTS • PHOTOSTATS
COPYFLEX MACHINES AND PAPER
DRAFTING AND ENGINEERING EQUIPMENT

Cherry 1-2903
215 St. Clair Ave., N.W.
CLEVELAND 13

ARCHITECT
Plastics for Home Building
(Continued from page 10)

Certainly the scope of synthetics in home construction is unlimited. A current article in that magazine describes some of the leading plastics materials, their uses and some of the reasons these synthetics are winning widespread acceptance.

Translucent Panels

Most glamorous of the new building products is translucent plastic paneling. Lightweight and amazingly strong, the structural and glazing systems are being produced in several corrugations as well as in flat and patterned form.

These translucent panels disperse sunlight or artificial light softly and evenly and so can be used in skylighting as well as for mechanical luminous ceilings. They permit the entry of ultra violet light rays. Now that FHA okays interiors, more homes probably will use plastic curtains to bring daylight and ultra violet light into the central house areas.

Some plastics, called acrylics, such as Plexiglass and Lucite, can be made completely transparent or pigmented to any degree of transparency or translucency. Clear acrylic can be cast accurately into prismatic lens patterns.

Only Simple Tools Needed to Work These Materials

Handled with regular tools, the plastics need only simple carpentry now that complete accessories and fittings can be obtained, such as contoured closure strips, weatherseal, flashing, mastics and even aluminum moulding and nails.

Fully Moulded Work Surfaces

In counter tops alone, the recent technique of moulding a work surface, backsplash and lip from a single sheet of melamine and phenolic laminate has saved hours of cutting and assembly on each kitchen item where such a factory formed unit was used. Other and even more complex factory moulded plastic forms should soon make their appearance.

These familiar counter top materials, in a slightly different form, are literally climbing up kitchen and bathroom walls.

Plastic Floors

On the floor perhaps more than anywhere in the house, plastics are making themselves felt. Resilient, practically indestructible, vinyls are appearing in a pure form in some floor tile and yard goods, as laminates in others. One manufacturer uses a clear vinyl to protect a new cork tile.
YM-YWCA BUILDING FOR MANSFIELD

Architect's drawings for the new YM-YWCA building, estimated to cost about $1,250,000.00 are nearing completion. Upon completion, these, and the engineering drawings will be sent to the National Y committee in Chicago for approval. Contract bids will be announced the end of February.

EDWIN E. PRUITT

Another old-timer left us on Saturday, December 19, 1953, with the passing of Edwin E. Pruitt, 83, in White Cross Hospital in Columbus. He had been engaged in the practice of architecture in Columbus for almost fifty years.

After several years of apprenticeship and self-teaching, he worked in the offices of Ernest Flagg, Chas. A. Platt and others in New York, and then became associated with the firm of Richards, McCarthy and Bulford, as designer, in Columbus from 1903 to 1907. Following a short association with Wilbur T. Mills, he started his own private office. In a practice in which he gained a high reputation for his thorough knowledge of construction, he operated throughout Central Ohio, designing many churches and schools, including serving as Architect for the Fort Hayes Hotel in Columbus during the early twenties.

He is survived by two brothers living in Oklahoma and Missouri.

Burial was in Lancaster, Ohio.

JOHN JOSEPH WILKENS

John J. Wilkens, 63, a Cincinnati Architect for 42 years collapsed and died at his home, 549 Howell Ave., Clifton, on Thursday, January 21, 1954.

He was a member of the firm of Wilkens, Schrand and Wilkens, Sixth Terminal Building which included his son John J. Wilkens, Jr. He is survived by his wife, Mrs. Charlotte Wilkens, two sons and three daughters.

WINFIELD RAY OBERLIN

By way of The Washington (D. C.) Post, we learned of the passing of Winfield R. Oberlin, 70, at his home in Holly Street, N. W. on December 28, 1953. In 1934, he went with the Treasury Department in Washington, D. C., and was with the War Department during World War II. From 1947 to his retirement last May, he was with the General Services Administration.

He is survived by his wife, Ethel McFarland Oberlin, two sons and a brother.
VOINOVICH MOVES HIS OFFICE

George S. Voinovich, architect, announces the removal of his architectural offices to 1922 E. 107th St., at Chester Avenue in Cleveland. The new location will give his organization much needed room for the expansion of his rapidly growing business.

DO YOU HAVE A "COMMON COLD?"

Here's a prescription by a British doctor of an earlier day. Hang your hat on a bedpost and drink from a bottle of whiskey until you see two hats appear. Then go to bed and stay there. Sounds interesting.

Sales Manager: "Can you show me one single order that advertising has ever placed on our books?"

Advertising Manager: "Sure I can, if you'll show me one load of hay the sun ever put in the barn."

Don't worry about the job you don't like. Someone else will soon have it.

Advertising is the servant of a free people. A tyrant's first move is the suppression of advertising.

NEWS ITEMS

W. E. Anderson Sons Co. has changed its name to Anderson Concrete Corp. There is no change of business policies or personnel. They are located at 560 Harmon Ave., Columbus, Ohio.

Walter E. (Tom) Metzger, Consulting Electrical Engineer has moved his office to 12 W. Pacemont Rd., Columbus 2, Ohio.

Russell S. Fling, Structural Engineer, announces the opening of an office for the design of unusual structures and the investigation of existing buildings at 235 Overbrook Drive, Columbus, Ohio.

Starting with the New Year, the Condit Construction Products, Inc. will be located at their new address: 12 North Third St., Room 326, Columbus, Ohio. Phone ADams 3297.

The SIGN of a trouble-free electrical installation

Over a third of a century of electrical "Know-How!"

CALL US FOR ESTIMATES...

Electrical installation at Fairmount Circle Apts. by us

THE SUPERIOR LITE CO. • CEdar 1-0540
CLEVELAND, OHIO

YORK-SHIPLEY

OIL-GAS-FIRED

EQUIPMENT FOR INDUSTRY

STEAM-PAK GENERATORS

Low and high pressure, automatic, 15 to 300 h.p., for No. 2, 5, 6 oil, and gas.

YORK-SHIPLEY INDUSTRIAL BURNERS

Direct and belt-drive, 45 to 500 boiler h.p., manual or automatic control, for No. 2, 5, 6 oil, and gas.

ALLIED OIL CO., INC.

Standard Bidg. — PR. 1-3400 — Cleveland 13

D. W. RANKIN, INC.

GENERAL CONTRACTOR

1836 Euclid Ave. Cleveland, O. PR. 1-3825

Specify CMC LIGHT WEIGHT
HIGH QUALITY

CONCRETE BRICK AND BLOCK

CONCRETE MASONRY CORPORATION
ELYRIA, OHIO
Phone — Elyria 4711, Cleveland Main 1-1128
SERVING NORTHERN OHIO

[February, 1954]
You Can Depend On Mooney for Everything in Steel Fabrication or Erection

"Experience as Solid as the Products We Make"

Write us or Call Diamond 1-1414

Steel is our business. No assignment is too large or too small. Our shop facilities and personnel are keyed to give you accurate and dependable service on any type of structural steel fabrication or erection job.

Because of our wide and varied experience, we are often able to suggest improvements in your specifications — improvements that frequently result in better and/or more economical construction. You can depend on our engineers and skilled craftsmen for faithful application of sound methods conforming to accepted practice.

For structural work or special fabrication for interior components, submit your prints for estimates. It pays to check with Mooney for everything from "Brackets to Buildings".

The Mooney Iron Works Co. FABRICATORS

3317 EAST 80th STREET CLEVELAND 27, OHIO