Sears, Roebuck & Company's Tampa store...

**concrete folded plate roof achieves large, unobstructed floor area**

One of the basic requirements here was to achieve unobstructed floor space with economy. Architects Weed, Russell, Johnson & Associates found the answer by using a concrete shell in the form of a folded plate. This construction made it possible to span the entire floor area with only one interior row of columns... and suspend the second floor from the roof. The result: 163,715 square feet of *fully flexible* floor space, so important to any retail selling operation.

Folded plate design is, in itself, unique and interesting. And only concrete can give the added boldness of the wide, cantilevered overhang.

It's one more example of the way new uses of concrete are bringing big economies and added vitality to both conventional and modern architecture.

**PORTLAND CEMENT ASSOCIATION**
50 West Broad Street, Columbus 15, Ohio
A national organization to improve and extend the uses of concrete
The Alsynite Company of America through the lumber and building materials dealers in Ohio has just announced a new Alsynite panel for 1959, "Alsynite Superglaze." This panel will carry a 10-year guarantee against surface erosion. It is cited as the first time a plastic panel manufacturer has offered such a guarantee.

Coupled with this is the fact that Alsynite panels already contain Filtron 25, which reduces heat transmission by 60% over ordinary panels. This new panel is claimed as unquestionably the highest quality plastic panel manufactured today.

A new manufacturing process has been developed by the Alsynite company which insures uniformity and increased load test. A new Alsynite Superglazed Panel with a thickness of 1/16" will hold over 250 pounds on four foot spans. This is made possible by a molecular fusion of the fiberglass mat and Vinox, a new type plastic which is an Alsynite exclusive.

Alsynite may be obtained through your local lumber or building material dealers.

O H I O  R E P R E S E N T A T I V E S

Cadillac Glass Co.
3115 Berea Rd.
Cleveland 11, Ohio
Clearwater 2-4400

Davids Reliable Glass Co.
279 Valley St.
Dayton 4, Ohio
BAldwin 2-7888

Holly Reserve Supply Co.
2058 Monroe
Toledo, Ohio
CHerry 8-7158

The H. Neuer Glass Co.
508-524 Reading Rd.
Cincinnati 2, Ohio
CHerry 1-6684

Palmer Donavin Mfg. Co.
575 Olentangy River Rd.
Columbus 8, Ohio
CAPital 8-4356
The mark of dependability in tough chemical service . . . everywhere

Low in cost, light in weight, completely corrosion resistant, shock-proof; these are just a few of the many features of the new DURCON laboratory sinks. Durcon is an epoxy resin, modified by The Duriron Company. DURCON sinks have coved corners and dished bottoms to prevent the accumulation of contaminants. They weigh up to 60% less than competitive materials. Cast DURCON sinks are available from stock in twelve standard sizes. Special sizes can be fabricated to meet virtually all requirements.

For full information, send for our free Bulletin PF/5. Address Department A-2, The Duriron Company, Inc., Dayton, Ohio, or contact your nearest laboratory equipment manufacturer.

THE DURIRON COMPANY, INC. / DAYTON, OHIO
Branch Offices: Baltimore, Boston, Buffalo, Chicago, Cleveland, Dayton, Detroit, Houston, Knoxville, Los Angeles, New York, Pensacola, Philadelphia, and Pittsburgh.
MODERN ENVIRONMENT—for student progress and teacher satisfaction! MINIMUM UPKEEP—to aid those responsible for reducing maintenance time and expense! MAXIMUM VALUE—to make sure today’s tremendous investment in school facilities pays long-range dividends in educational plants that retain full measure of utility.

These objectives are completely and easily achieved by the use of BRICK & TILE for exposed interiors . . . from corridor to cafeteria to classroom, as exemplified by the stack bond serpentine wall, brick planter and tile wainscot pictured above.

Because the broad flexibility and colorful beauty and proven fire-safety of clay products can be combined in so many ways, with so many other functional and decorative materials, more and more creative designers are using BRICK & TILE . . . "THE IMAGINATIVE MATERIAL."
Economical Way to Provide Warm, Inviting Texture of Real Wood

When you have the problem of providing warmth and inviting texture to an interior, consider PELLA WOOD FOLDING DOORS. The rich-grained beauty of their genuine wood veneers complements the surfaces of brick, steel, tile, glass and cement block.

To insure lasting beauty, "Lamicor" solid wood panels keep patented PELLA WOOD FOLDING DOORS from warping and enable them to withstand repeated hard usage. Steel spring hinging maintains vertical alignment and assures even spacing of panels. Available in heights up to 12' 1" and for openings up to 60' 41/2" wide. PELLA doors can often save on stub wall and header construction. For further details, see Sweet’s catalog or call your nearby PELLA distributor.

NOW . . . 6 Fine Wood Veneers
American Walnut • White Ash • Birch
Oak • Pine • Philippine Mahogany

Wood Folding Doors
Manufactured by ROLSCREEN COMPANY, Pella, Iowa
OFFICERS

President
Herman S. Brodrick, AIA
Walker, Norwich & Associates
12 W. Monument Avenue
Dayton 2, Ohio

First Vice-President
Harold W. Goetz, AIA
56 South Main Street
Middletown, Ohio

Second Vice-President
Gilbert Coddington, AIA
Brooks Coddington
329 E. Broad Street
Columbus, Ohio

Third Vice-President
Howard B. Cain, AIA
614 Park Building
Cleveland 14, Ohio

Secretary
Frank E. Poseler
Britsch, Macelwane & Associates
2446 Sylvania Avenue
Toledo, Ohio

Treasurer
H. James Holroyd, AIA
Holroyd & Myers
320 W. Broad Street
Columbus, Ohio

Immediate Past-President
Charles J. Marr, FAIA
Marr, Knapp & Cawalis
138 Ray Avenue, N.W.
New Philadelphia, Ohio

Executive Director
Clifford E. Sapp
Five East Long Street
Columbus, Ohio

COVER AND FEATURE MATERIAL
Sketches of ASO Committee Chairmen make up the cover design for this month's OHIO ARCHITECT. The artist was Robert E. Martin, AIA, Toledo, whose picture appears in the lower right corner of the cover. A complete report of recent ASO committee action is found on page 19.

Feature material on schools was furnished by the Columbus Chapter, AIA, Richard Eiselt, Associate Editor.

FRONT COVER

OHIO ARCHITECT
OFFICIAL PUBLICATION OF THE ARCHITECTS SOCIETY OF OHIO
OF THE AMERICAN INSTITUTE OF ARCHITECTS, INC

FEBRUARY, 1959 Volume XVII Number 2

CONTENTS

FEATURES
Francis Dunlavy Elementary School .................................. 8
Pleasant View High School ..................................... 10
Francis G. Carlson Elementary School .............................. 14
ASO Organization Structure ........................................ 18
ASO Committee Reports ............................................... 19

ASO AND AIA NEWS
35 Pass State Exams ................................................ 24
Ohio Architect to Feature "Ohio Townscape" ....................... 26
Cincinnati Chapter, AIA, Elects Officers ......................... 26
State Board of Examiners Elects Officers ......................... 32
Advertisers in Ohio Architect ....................................... 32

EDITORIAL STAFF

Publication Committee Chairman
Howard B. Cain, AIA
614 Park Building
Cleveland 14, Ohio

Managing Editor
Clifford E. Sapp
Five East Long Street
Columbus 15, Ohio
Telephone: Capitol 1-9630

Technical Editor
David A. Pierce, AIA
Advertising Manager
Louis A. Colatch
Editor
Joanne Hoag

Associate Editors
Cincinnati
William R. Bogart
6102 Ridge Ave.
Cincinnati 13, Ohio

Cleveland
Charles E. Rimer
Mather Lane
Hunting Valley Village
Chagrin Falls, Ohio

Columbus
Richard H. Eiselt, AIA
332 S. Cassady Ave.
Columbus 9, Ohio

Dayton
Robert J. Makarius, Jr., AIA
216 Harries Building
Dayton 2, Ohio

Eastern Ohio
Burt V. Stevens, AIA
12 S. Highland Ave.
Akron 3, Ohio

Ohio Architect is the monthly official magazine of the Architects Society of Ohio, Inc., of the American Institute of Architects. Opinions expressed herein are not necessarily those of the Society.

OHIO ARCHITECT publishes educational articles, architectural and building news, news of persons and the activities of the Architects Society of Ohio.

OHIO ARCHITECT is available at a subscription cost of $4.00 each year or .50 cents each issue. Roster issue: $1.00.
The Francis Dunlavy School was built to house 450-500 pupils in grades one through six in the Lebanon Exempted Village School District. It represents a completely new school plant from the existing Lebanon School which formerly housed grades one through twelve. There are seventeen acres in the school site.

The sixteen class rooms are as nearly self-contained as possible, though a central facility designed to serve as cafeteria, auditorium and playroom is provided outside the classroom for use by teachers and pupils. The administrative suite is rather complete and the site plan was designed to facilitate...
heavy bus traffic to and from the school.

The type of construction is bearing wall, with exposed bar joists and pitched, built-up roofs. Small units are arranged in a campus style.

Special attention was given to reduced maintenance in the selection of building materials. All doors and frames throughout are painted steel. All exposed exterior metal (other than doors) is aluminum, including frames, sash, sills, thresholds, fascia, etc. Glass is all 1/4 inch polished plate, tempered in areas with more than average breakage danger. Exterior is all face brick masonry and plate glass except for portions covered by cellular steel wall panels.

Floors are poured concrete slab, covered with asphalt tile in classrooms, terrazzo in toilets and vestibules. Wainscots are ceramic glazed tile. Inside sills are ceramic glazed tile and chalkboards are porcelain-coated steel.

The heating system is unconventional. Each classroom has its own gas-fired home type hot air furnace, separated from the classroom by a masonry wall and accessible only from outside the building unit. Air is distributed through masonry ducts with aluminum grilles, and ventilation is assured by electrically controlled dampers to each heater.

Lighting is rather conventional, with fluorescent fixtures in classrooms and incandescent in dining room, gymnasium, and small areas where light use is intermittent.

The Dunlavy School project by the Newark, Ohio firm of Joseph Baker and Associates, was one of eight in the United States selected for exhibition in full by the United States Department of Education at the International Congress of Education held in Zurich, Switzerland in June, 1957. This project was also accepted for exhibition at the American Association of School Administrators Convention at Atlantic City in February, 1957.

The building was first occupied in September, 1958.
Pleasant View High School was conceived and established to provide a four year high school education for children in the central area of the big South-Western Local School District in Franklin County. One phase of the educational program is to provide a broad academic schedule of learning, and another phase is to provide an occupational type of instruction.

Funds from a 1956 bond issue were allocated to purchase a site for the school and hopefully, to provide all other project costs for the first stage of construction. However, booming population demanded a larger program than originally anticipated, both for high school and for elementary facilities. Accordingly, a special bond issue was submitted to the voters in July of 1957. Unfortunately, its passage was unsuccessful.

The Board of Education, undaunted, and well aware of the imminent crisis in classroom shortages unless the overall building program was continued with all possible speed, resolved to re-submit the issue in January, 1958. In order to further expedite the schedule the site was purchased, and the architects were directed to prepare complete working drawings, specifications and bidding documents by January 28, 1958, the date of the special election.
Funds were encumbered from the balance of the 1956 program to pay for these costs. During the pre-election campaign the voters were informed of these decisions, the point being driven home that if the bond issue passed, construction could begin immediately following the normal 30-day bidding period.

The bond issue passed—bids were received on March 18, 1958, and construction began.

This forward thinking on the part of the Board of Education, and its determination to act positively for its community’s public education resulted in the much-needed school scheduled for use approximately eight months sooner than if the matter had been indefinitely postponed following the failure of the issue in July, 1957. Accordingly, one school year was gained in the realization of this new high school and its educational facilities for its community.

Consolidated from six smaller districts late in 1955, the South-Western Local School District embraces the major portion of southwestern Franklin County in Central Ohio—where metropolitan Columbus is the dominant community influence. This school district, of approximately 125 square miles in area and a total pupil enrollment presently in excess of 8,000, is accordingly one of the largest local school districts in the state. Bisected in a general northeast-southwest direction by U. S. highways 62 and 3, and with construction of a new super highway imminent, major traffic movement between Cleveland, Columbus, and Cincinnati, is the major physical characteristic. Communities and all the citizens in the school district are rapidly changing from rural to semi-urban in temperament and character.

The characteristics of the pupil population are changing accordingly. Coming from a rural background, parents are now overwhelmingly working in city occupations, thus domestic backgrounds and environment are in a transitional period. Population growth has been explosive, with conservative expectations for this growth to continue indefinitely with only slight abatement. (Between 1950 and 1955, Grove City, the largest community in the district, increased by 102%, with another increase of 100% expected by 1960).

Pleasant View High School, when completed, will be the third four-year high school in the district. The ultimate plant will have a capacity of 1,000 pupils, with 650 being the expected enrollment by September, 1959, when the structure will be ready for occupancy. An itemized program of room and space requirements for the first and succeeding stages of enrollment was prepared by the architects after a most exhaustive study of the educational program and the community with the able assistance of Mr. V. J. Ullman, the administrator. This document is the basis and the reference for all future expansion of the school plant.

The design problem literally required the plant to be designed “backward”—that is, the ultimate stage planned first (for 1,000 pupils) reducing the facilities in steps according to enrollment until the initial stage of construction (originally intended for 500 pupils) was reached.

Construction of a modern high school on a rural site (in this case forty acres) requires, in the first stage, the transformation of an open field into a complicated plant, accommodating hundreds of persons and a multitude of activities. Strict building code requirements must be met regarding structural soundness, exits for emergency purposes, sanitation (a complete sewage treatment plant), fire-proofing and fire-resistant qualities, etc., in addition to the requirements of sound planning (again not only for the first stage, but to permit efficient expansion), budget and aesthetics.

(Continued on next page)
Materials used included wall bearing and steel frame construction; aluminum windows; slab on grade with some crawl spaces; exterior walls—4" brick face, 8" masonry back-up; interior walls—exposed masonry, painted; asphalt tile floors in most office and instructional spaces; terrazzo floors and coved base in corridors, toilets, showers, etc., quarry tile floors in kitchen, dishwashing areas; glazed unit wainscots in corridors, gym, toilets, etc.; acoustic tile ceilings in corridors, plaster in toilets and other sanitary areas; exposed painted composition roof deck ceilings in other areas; steel door frames. Oil fired circulating hot water system with unit ventilators.

Professional Associates working with the architects were Outcalt, Guenther and Associates, Architects, Cleveland—planning; and Robert W. Konneker, Mechanical Engineer, Columbus—plumbing, heating, and ventilating.

Site plan—ultimate stage (1"-200'). Solid gray represents first stage and lined area the ultimate stage.
On a 15-acre site declared as surplus government land of the Veterans' Administration property, the Dayton Board of Education erected the Francis G. Carlson Elementary School in 1957. Since this site, located in west Dayton, existed within the path of travel of the glacier which passed through this part of Ohio, the soil conditions consisted of hard pan and rock veins. With this factor in mind, the Architect Eugene W. Betz, partner in charge, chose the crest of the site with stepping units matching to the contours to minimize the excavation for foundations.

An approach to the school via a winding drive arrives at the Administrative Unit. The Multi-Purpose Unit mass is to the right at the lowest elevation and the Educational Wing to the left on a high level. The Educational Wing lies on the highest contour of the site extending over 300' northwest. Mr. Betz designed this wing at a 30-degree angle to the Administrative Unit to create a feeling of inviting openness as approaching the school by the circular drive.

The interior and exterior creates a fresh, stimulating design. The materials have color and texture chosen to flatter the site and its adjoining surroundings and to establish a feeling of belonging. The exterior brick is a warm rust color backed up with painted shale block. Broken here and there are panels of iron-spotted white glazed tile.

Betz & Thomas, Architects

Francis G. Carlson Elementary School
3-DIMENSIONAL ALUMINUM GRILLES FOR RAILINGS AND DECORATIVE SCREENS

REFER TO 1959 SWEETS FILE 6e/Blu OR SEND FOR CATALOG M-59

BLUMCRAFT OF PITTSBURGH, 460 MELWOOD STREET, PITTSBURGH 13, PA.
used throughout interior and exterior with accented spot tiles of primary colors creating an overall design.

The basic framing system is wall bearing with walls separating classrooms on 28 foot centers. The roof frame is precast concrete slab forming an entire fire-proof structure.

The fenestration consists of aluminum window walls extending the entire classroom width. The east elevation window walls have alternating panels of anodized colored aluminum. The various entrances are extruded aluminum door frames with apricot colored doors. All exterior metal throughout continues the use of extruded aluminum, eliminating all exterior building maintenance.

The mechanical system rises from the Boiler Room over the toilet room core and distributes through accessible furred corridor ceilings. Heating is hot water to unit ventilators in classrooms. Lighting is shielded fluorescent and recessed incandescent gym light fixtures.

Repetition of simplified construction details, typical types and sizes of building units was a primary factor of planning. A frank use of quality materials requiring little or no maintenance was built in as part of the basic construction, thus eliminating future maintenance as has been the policy of the Board.

The plan is the result of a cooperative effort between the Dayton Board of Education and the architects. All component areas such as Multi-Purpose and Educational Wing were designed for function with the Administrative Unit as the nucleus for control.

The Multi-Purpose Room combining gymnasium and assembly area serving both the school functions and the community wants and needs is designed to be operated separately if desired. Realizing the wasteful economy to open the entire building for night and weekend meetings, separate public toilets, zoned heating and ventilation and kitchenette facilities were considered mandatory while the educational facilities are idle.

The Administrative Unit forms the pivot of all activity areas. The entrance lobby, general office, principal's office, clinic, men and women teachers' lounges, janitor's locker room with their respective toilet facilities, boiler room and coal storage are centralized as a hub for the school's organization. The corridors are minimized forming a logical traffic flow pattern to serve the various rooms.

The Educational Wing has been orientated for natural light and a minimum of noise transferal. All rooms are designed to be colorful, cheerful and properly scaled to the elementary child. The typical classrooms are designed for 35 pupils, with approximately 875 square feet modularly planned for standardization of the Dayton Board of Education. Standard metal wardrobes, storage cabinets, teachers' wardrobes, under window book cabinets and sink cabinets are considered as an integral part of the classroom design and color scheme. Primary colors familiar to elementary ages form panels above the wardrobe wall. Darkening and diffusion drapes, vinyl-asbestos floor tiles, metal clad chalkboard and vinyl fabric covered tackboards are color-toned for harmony. Metal acoustic panel ceilings are used throughout.
How Architects, Engineers
CUT ROOF COSTS
with
ZONATILE®
PRE-CAST ROOF SLABS

Township H. S. Addition, Neville Island, Penna.
Roof Contr.: Neville Concrete Pipe Co.

St. Anselm Elementary Sch., Swissville, Penna.

Zonatile re-inforced vermiculite concrete roof slabs combine permanence and structural strength with 100% fire safety. Installed at amazing speed in any weather, they save on installation cost and hurry construction. Weighing only 10 1/2 lbs. per sq. ft. they cut the weight and cost of supporting structural materials. The underside of Zonatile is an attractive ceiling finish in itself, or may be decorated in any way.

Zonatile saws like wood. One man installs quickly, in any weather, over sub-purlins or standard shapes. Size: 3" x 36" x 18"

ZONOLITE COMPANY Dept. OA-29
135 S. La Salle St., Chicago 3, Ill.
Send me Zonatile booklet G-136.

Name
Firm
Address
City Zone
State

Page 16

The Kindergarten has an east and west window exposure opening to a playcourt and forming a light and cheerful room. Colorful cabinets, block carts and work center create a pleasant introduction to the child's first school experiences.

The Practical Arts Room is orientated for north light and away from the educational area to minimize its noise transferal. Domestic as well as manual training equipment compose a part of the rooms multi-use.

Mr. Robert French, Superintendent of the Dayton Board of Education, has generously expressed a satisfaction with the educational function, formed with an aesthetic value of the introduction of a colorful environment for the elementary age. Twelve classrooms, kindergarten, Practical Arts, Multi-Purpose Room with Administrative facilities are presently functioning. When completed, this school will accommodate double the present 450 enrollment provision. Only a classroom wing will complete the school as the present facilities have been sized for the ultimate capacity.

Helmeg, Lienesch & Associates served as Mechanical Engineers for the Francis G. Carlson School. Structural Engineer was Channing Pao and General Contractor was the Knowlton Construction Company, Bellefontaine, Ohio.
Throughout the United States genuine Dur-O-wal Steel Reinforcing is being used in the mortar bed to provide lasting protection for the classic beauty of masonry construction.

You can provide timeless protection for the flawless beauty of masonry with time-tested Dur-O-wal. This high-tensile steel re-inforcing is trussed designed and custom fabricated to give masonry walls a backbone of steel.

Specifications and Research data available on request.
Fifty Architects Plan Ohio Architect And ASO Activities for '59

Fifty architects from all ASO Chapters in Ohio met in Columbus on January 10 to discuss Ohio Architect and Society policy for 1959.

The day started at 9:30 a.m. with eleven Committee meetings. Immediately following luncheon the Executive Board convened to hear committee reports and recommendations and to transact regular Society business. The Board adjourned at 4:45 p.m.

Committees meeting included Constitution and By-laws, Awards and Scholarships, Legislative, Building Codes and Zoning, Contracts and Fees, Publications, Public Relations, Membership, Chapter Affairs, Registration Law and Office Practice.

Brief synopses of committee reports follow.

THE NEW LOOK! ... THE FORWARD LOOK!
... THE BOLD LOOK! ... OHIO ARCHITECT presents the new forward bold program of the ARCHITECTS SOCIETY OF OHIO ... The bold cover of the OHIO ARCHITECT is only the beginning ... This new column will contain brief sketches of the activities of your professional society ... The ASO Publications Committee has others: special columns about each committee's work, editorials, individual and public interest articles ... A new committee structure has been established by the Executive Board—Standing committees are grouped into related activities and responsible to an officer, the purpose to present a continuing program of service to the ARCHITECT and the profession—All committees will meet at least three times a year in workshop periods to develop and coordinate state-wide activities and assist in planning chapter affairs—The first of these workshops was held January 10 with an enthusiastic response of more than 50 architects participating ... The many plans as presented by the committees are too numerous to sketch in this column, but two of immediate interest and importance follow ... The announcement of the Second Annual Scholarship Award to a High School Senior for the study of architecture in an accredited school in the State of Ohio—Each AIA Chapter has been asked to review candidates from the area and select a candidate for final consideration by the ASO Awards and Scholarship Committee—Applications are available upon written request to the offices of the Architects Society of Ohio ... The Ohio General Assembly in session this year will increase the activity of the ASO Legislative Committee as they will review the many bills introduced for legislation and recommend, when necessary, action in the interest of the profession—One of the most important bills will be regarding the new Ohio Building Code—Your personal interest is requested to help acceptance of the new Code on a permanent basis—Speak to your Representative and solicit his support of the bill sponsoring the new Building Code ... Accept this NEW LOOK and BOLDLY move FORWARD with your profession.

Announcements and letters will soon be sent to all high school principals in Ohio publicizing the second annual Architects Society of Ohio Scholarship Award. This scholarship, established last year by the Society, provides $2500 over a five-year period to an outstanding senior in the state who intends to study architecture in one of the five universities awarding a Bachelor's Degree in Architecture.

Last year's winner, Gerald A. Curtis of Wilmington, is now enrolled in his first year at Ohio State University. This year's recipient will receive his grant starting in the fall term of 1959 and the Society intends to award an additional scholarship for the following three years until there are five scholarships running concurrently.

(Continued on next page)
The award is made on the basis of interest in architecture, scholastic record and financial need. Continuance of the grant is contingent on satisfactory completion of the previous year's work. The scholarships are available to any graduating high school senior. Applications for the Award may be secured from the office of the Architects Society of Ohio, 5 East Long Street, Columbus 15, Ohio. The deadline for submission of applications is April 1, 1959.

Finalists will be selected from each of the six American Institute of Architects Chapter areas making up the State Society—Cincinnati, Cleveland, Columbus, Dayton, Eastern Ohio and Toledo. Regional finalists will be chosen by Chapter Committees or Executive Boards governed by rules set up by the State Committee, and in May the winner will be named by the Awards & Scholarships Committee from these six finalists.

Scholarship winners may select their course of architectural study from one of the following Ohio universities: Kent State University, Miami University, Ohio State University, University of Cincinnati, and Western Reserve University.

The ASO Legislative Committee has released its planned procedure for guiding ASO legislative activities during the present session of the Ohio Legislature.

All bills introduced in the Legislature will be reviewed by the ASO Executive Director Clifford E. Sapp using the Gongwer Legislative Service, which is a daily reporting of all legislative activities. This includes reporting the introduction of measures in both Houses, committees to which such bills are assigned, committee hearings, committee action on bills, reading on bills before the Houses, etc.

When legislation is introduced which may effect the profession, the Executive Director will confer with Chairman Macelwane to determine action. If a bill is important, copies will be mailed to each committee member and President Brodrick. Committee members will study and return written comments or recommendations to the Executive Director as soon as possible. These reports will be studied by Mr. Sapp and Mr. Macelwane and subsequent action will be cleared through President Brodrick.

The Committee will consult with H. James Holroyd, AIA, Chairman of the Legislative Study Committee of the Architects-Engineers Joint Committee, relative to pertinent legislation and contemplated action so that the efforts of the Architects and Engineers may be properly coordinated.

Specific possible legislation under discussion at this time includes the Ohio Building Code legislation, the old "Blake Bill" relative to professional personnel on public boards and commissions (referred to Committee member Charles J. Marr for study), and various measures in which the Ohio School Boards Association is interested (to be followed by Committee member James J. Foley).

The Building Codes & Zoning Committee will work with the local AIA Chapters in sponsoring meetings of architects and mayors, building inspectors and other governing authorities to discuss and promote a unified building code based upon the new Ohio Building Code.

Further, the Committee will promote legislation on the local and state level requiring the office of Chief Building Inspector or Commissioner of Buildings be held only by a Registered Architect or a Structural Engineer.

In reporting Committee activities to the ASO Executive Board meeting on January 10, Chairman Poseler noted that the new ASO recommended minimum fee schedule for architects has been printed and distributed along with an explanatory note on the use of the document to all architects registered in Ohio. Extra copies are available through the offices of the Architects Society of Ohio, 5 East Long Street, Columbus 15, Ohio.

A contract between the architect and the State Board of Education has been approved. Copies may be obtained from the Department of Education, School Building Sec-
tion, Ohio Departments Building, Columbus, Ohio.

The Committee will follow through with the questionnaires to all architects doing State work for the Department of Public Works, regarding complaints on supervision, fee schedules, add alternates, etc.

A question has been brought before the Committee as to proper form of agreement between architects and School Boards where funds are supposedly not available for hiring an architect. It has been agreed that a study of reimbursement, time limits, etc. should be made.

The AIA has revised the Owner-Architect Contract, copies of which are included in the New Edition of the Handbook of Architectural Practice. It is understood, however, that the new forms are not yet available to architects.

ASO MEMBERSHIP COMMITTEE

Charles Scott, Toledo
Chairman

The Membership Committee will work with the local Chapters this year in urging Junior Associate and Associate members to move up to the next highest respective classification of membership.

All newly registered architects in Ohio will be sent congratulatory letters and informative material on the ASO and the AIA.

ASO REGISTRATION LAW COMMITTEE

John C. Bonebrake, Cleveland
Chairman

The Registration Law Committee is publicizing Ohio’s Registration Law as to what it means to the public and what it intends to accomplish.

The Committee will work with the State Registration Board, individual Chapters and the ASO offices in initiating action for the prosecution of violators.

FEBRUARY, 1959
Sands water heaters are attractively styled — will give long, trouble free service yet are priced no higher than ordinary water heaters. You can specify Sands with the assurance that your clients will have ample supplies of clear, hot water at low cost for fuel.

Choose from gas or electric models with Sani-Glass tanks, with 10 or 15 year guarantees in the gas models and 10 year guarantees in the electric. Also available are all wanted sizes with galvanized tanks in 1, 3 and 5 year guarantees.

WRITE OR CALL FOR CATALOG

**ASO PUBLICATIONS COMMITTEE**

Howard B. Cain, AIA, Cleveland Chairman

Readers will note a number of innovations in the 1959 *Ohio Architect*. The Publications Committee, working with a Cleveland art studio, introduced a new cover format in the January, 1959 issue. With the current issue, the “President’s Sketchpad” is initiated. The column is just one phase of the increased coverage to be given ASO committee action in 1959. AIA-ASO activities—local, state and national—will be an important part of the 1959 *Ohio Architect*. Also, attention will be given the activities of the architectural women’s groups in Ohio.

Soon to appear is a regular column, “Ohio Townscape,” by Robert Gaede, AIA, Cleveland. Mr. Gaede will discuss the preservation of historic buildings and city planning.

A roster of architects registered to practice in Ohio will again be published in the April issue of *Ohio Architect*, and the October magazine will be the official program issue for the Society’s Annual Convention and Materials Exhibit to be held at the Sheraton-Mayflower in Akron this year.

**ASO PUBLIC RELATIONS COMMITTEE**

Donald L. Bostwick, AIA, Niles Chairman

The ASO Public Relations Committee plans an active program for 1959. The Committee will encourage greater use of national AIA public relations materials by individual Chapters and AIA members and will work with other ASO committees to make their activities known to the membership and the general public.

It has been recommended that consideration be given a policy whereby newsworthy items would be sent from the ASO office in Columbus to the six AIA Chapters for local publication.
At the January 10 meeting of the ASO Chapter Affairs Committee, program plans for 1959 were discussed.

The committee hopes to sponsor a number of Seminars on the new Ohio Building Code similar to the program held last year at Kent State University. Tentative plans call for meetings in Columbus and Toledo this year.

A Seminar on Office Practice has been suggested. Topics of interest to architects proposed for inclusion in such a program are indirect expense, accounting, and wages and working conditions.
35 Pass State Exams
The State Board of Examiners of Architects has announced that the following passed the examinations for Certificate of Qualification to practice the profession of Architecture in the State of Ohio: Burt, Wills C., 990 Thomas Lane, Columbus (14) Ohio; Bryar, Norman L., 252 E. Clearview Ave., Worthington, Ohio.

Cady, Robert F., 53 East Orange St., Chagrin Falls, Ohio; Cavarozzi, Joseph R., 1479 King Ave., Columbus (12) Ohio; Chaney, Walter C., Jr., 75 N. Hazelwood Ave., Newark, Ohio.

Dorsky, William, 1136 Haverston Rd., Cleveland (24) O. (Lyndhurst); Dunn, Edward J., Jr., 1654 Westwood Ave., Columbus (12) Ohio.

Fleischman, Richard J., 6421-F Kenwood Dr., Cleveland (23) O. (Euclid); Glamser, Arthur D., 2210 Lamberton Rd., Cleveland Hts. (18) Ohio; Goodman, Robert E., 1815 Sackett Ave., Cuyahoga Falls, Ohio.

Haubrock, Glenn O., 3518 Glenmore Ave., Cincinnati (11) Ohio; Hodge, George K., 900 Stephen Drive, West, Columbus (4) Ohio; Hoover, Lawrence E., 6312 Meis Ave., Cincinnati (24) Ohio; Howard, Warren P., Jr., 109 Holbrook St., Jamestown, N.Y.


Leithold, Joseph A., 1291 Virginia Ave., Cleveland (7) O. (Lakewood); Lindberg, Curtis N., 3731 Eisenhower Rd., Columbus (24) Ohio.

Milbrat, W. Peter, Jr., 2429 Drummond St., Toledo (6) Ohio; Nichols, Robert L., 2489 Edgevale Rd., Columbus (21) Ohio.

Pahl, Robert A., 938 E. 22nd Ave., Columbus (11) Ohio; Putzier, Carl L., 2142 West 61st St., Cleveland (2) Ohio.

Rice, Harlan L., 12 Larkhall St., North Madison, Ohio; Roediger, Richard M., R.R. #1, Ludlow Falls, Ohio (Miami Co.).

Schellentrager, William E., 24271 Yosemite Dr., Cleveland (17) O. (Euclid); Sents, Michael, Jr., 7719 Force Ave., Cleveland (5) Ohio; Smith, Donald J., 153 Miami, Bellefontaine, Ohio; Smith, Howard Daniel, 1640 Glenn Ave., Columbus (12) Ohio; Sondles, James E., 530 Glen Park Dr., Bay Village, Ohio; Strickland, Delmar L., 3847 Burwood Ave., Cincinnati (12) O. (Norwood).

Tufts, Thomas C., Jr., 3813 Euclid Ave., Cleveland (15) O. (University Club).


Yanda, George C., 12006 Robertson Ave., Cleveland (5) Ohio.

GORDON H. FROST & ASSOCIATES
CONSULTING MECHANICAL ENGINEERS
HEATING - VENTILATING
AIR CONDITIONING
PLUMBING - DRAINAGE
725 CHERRY ST. TOLEDO 4. OHIO REGISTERED
OHIO & MICHIGAN

For less than ONE CENT a sq. ft.
Spray on DEOMICON
Cure-Hard
CONCRETE cured and chemically hardened in
ONE OPERATION

Write today for information and name of dealer in your area. Address Dept. CC
MCMILLAN FLOOR PRODUCTS CO.
2045 EAST 8 MILE ROAD • WARREN, MICHIGAN

safeguard with silence
Josam SHOCK ABSORBERS
- quiet water hammer
- prevent breaks and leaks in pipe lines

Water hammer in pipe lines is not only nerve-racking—it's destructive! The noisy vibration is particularly annoying in institutions, hospitals, hotels, schools and homes. Commercial and industrial establishments must be safeguarded against the damage it causes to pipe fittings, valves and gauges.

You can provide silence and prevent damage by specifying Josam Shock Absorbers for all supply lines—new or old. They are easily and quickly installed—provide long trouble-free service. Your clients will welcome the suggestion!

Call or write for literature.
DISTRRICT REPRESENTATIVE
E. H. GARDNER & ASSOCIATES
1609 St. Clair Ave. • Prospect 1-2478 • Cleveland 14, Ohio Columbus, Ohio

Jos. M. Beglen & Associates
307 E. Fourth St. • CH. 1-1506 • Cincinnati 2, Ohio

Josam Manufacturing Co.
General Offices and Manufacturing Division
MICHIGAN CITY, INDIANA
RUSSWIN "TEN STRIKE" LOCKS
The Lock line with amazing flexibility. A rearrangement of parts allows conversion to a mechanism different in function, easily and quickly and inexpensively. Precision made for long service.

RUSSWIN AUTHORIZED CONTRACT DISTRIBUTORS FOR OHIO

AKRON
Beight Hardware Co.
1022 North Main St.

CLEVELAND
Hyslop & Fisher
4263 Pearl Road

COLUMBUS
Smith Brothers Hdw. Co.
580 North Fourth Street

ASHTABULA
The Mitchell Hardware Co.
4712 Main Avenue

DAYTON
Carl D. Himes, Inc.
317-319 South Main St.

CINCINNATI
The McClure-Ross Co.
334 W. Benson Street

TOLEDO
Otto C. Buehler & Son, Inc., 24 North Erie St.

MANSFIELD
Martin Hardware Co.
17-19 North Main St.

RUSSELL & ERWIN DIVISION
The American Hardware Corporation
New Britain, Connecticut

WYO-LITE Acoustical Plastic Ceilings
Help Create A Better Scholastic Environment at Chanel High School

Stickle and Associates, Cleveland architects, specified Wyo-Lite Acoustical Plastic Ceilings for the corridors, classrooms, library, chapel and top floor faculty residence of the new Chanel High School in Bedford, Ohio, an impressive example of modern school design.

Here is why: Wyo-Lite cuts down sound transmission, soaks up distracting noise ...makes school work easier for students and teachers. Aesthetically, too, Wyo-Lite helps create a pleasing background for learning. Its plaster-like surface can be painted in numerous attractive shades...gives a constant color that never darkens or varies. Wyo-Lite is easy to apply, easy to maintain ...remains level perfect...offers maximum fire protection.

Specify Wyo-Lite Acoustical Plastic for your next building designs. It is the low-cost solution to any institutional ceiling requirement.
Mr. Gaede is Chairman of the Cleveland Chapter AIA Committee on Preservation of Historic Buildings, has worked on urban redevelopment studies for the Cleveland City Planning Commission, and is at present consultant on special projects for this same Commission. His experience in these groups qualifies him most able to present this column to Ohio Architect readers.

Architect Gaede was graduated from the University of Michigan in 1947 with a Bachelor of Architecture Degree. Since that time he has held the Booth Traveling Fellowship in Europe, served with the U.S. Air Force, and been associated with Kent State University as Assistant Professor in the Department of Architecture as well as with Garfield, Harris, Robinson and Schafer, Cleveland architects. He established his own practice in 1956, in association with Herk Visnapuu.

Cincinnati Chapter, AIA Elects Officers

At the regular meeting of the Cincinnati Chapter of the American Institute of Architects held at the Engineering Society of Cincinnati on January 20, 1959, the following officers were elected to office:

Benjamin Dombar, President; George F. Schatz, Vice-President; Richard H. Wheeler, Secretary; and William R. Bogart, Treasurer.

Directors are Frederic H. Kock, E. C. Landberg and Joseph M. Lyle, and the Representative to the ASO Executive Board is Richard R. Iuen.

Hugh D. Wait Joins Columbus Law Firm

Hugh D. Wait has announced his association with the firm of Myers, Smith, Carroll & Wait to engage in the general practice of law at 2440 Leveque Lincoln Tower, Columbus.

Prior to this Mr. Wait was Director of Industrial Relations for the State of Ohio, Assistant Attorney General of Ohio and a member of numerous executive committees for the State.
Quality and Service
you can't afford to overlook!

Yes . . . you can depend on Unit for prompt service, the finest of materials, and expert craftsmanship. Unit laminated members are fabricated of Southern Pine, the strongest and most beautiful of all softwoods. In addition, you can depend on Unit for prompt delivery . . . in most cases overnight! We’ve added 12 new trailers to our truck fleet. Now you can schedule jobs with no lost labor time.

Unit, the first fabricator of all glued laminated wood in this country, practices the highest quality standards in the industry. You’ll prove it to yourself when you specify UNIT!

UNIT STRUCTURES, Inc.
GENERAL OFFICES: Peshtigo, Wisconsin
PLANTS — Peshtigo, Wisconsin and Magnolia, Arkansas
Offices and Representatives in all Principal Cities

Indian Trail School, Highland Park, Ill.
Arch’;: Perkins & Will, Chicago, Illinois

George J. Haase
1118 Madison Avenue
Toledo 2, Ohio
Phone Cherry 3-7129

Moore & Glass, Inc.
25901 Tungsten Road
Cleveland 32, Ohio
Phone Redwood 2-7860

Moore & Glass, Inc.
227 West Exchange Street
Akron 2, Ohio
Phone POrtage 2-4411

Nourse Construction Products
P.O. Box 15
Columbus 16, Ohio
Phone Tuxedo 2-2128

Ritter Construction Products
P.O. Box 235
Cincinnati 41, Ohio
Phone Tweed 1-5906

TUBULAR CONCRETE-FILLED COLUMNS
your key to better, safer construction

These features:
✓ Tubular concrete filled column is the most fire resistant non fire proof column made.
✓ Perfectly smooth round surface provides sanitation—easy to clean and paint—no corners or cracks to catch dirt.
✓ Round section is the most efficient column section.
✓ Requires less floor space—needs no boxing.
✓ Stronger, more durable because of cylindrical shape.

ENGINEERING SERVICE AVAILABLE TO ARCHITECTS AND ENGINEERS TO ASSIST IN THE DESIGN AND APPLICATION OF TUBULAR COLUMNS.
WRITE OR CALL FOR BULLETIN TODAY.

TUBULAR Products, Inc.
Box 137B Souderston, Pennsylvania

SEE OUR CATALOG IN SWEETS ARCHITECTURAL FILE
exclusively for members

• SERVICE
• INTEGRITY
• PROTECTION

are assured to you at all times when you enroll in the Accident and Sickness plan of income protection underwritten by Continental Casualty Company and Approved and Endorsed for members by the

ARCHITECTS
SOCIETY of OHIO

For full information about our plan, phone or write to the Administrator,

MR. SAMUEL WHITE
810 The Arcade • SU. 1-1540
Cleveland 14, Ohio

PREVENT
WATER TANK
CORROSION
WITH
PORCELINEING!

A ceramic tank lining that bonds to steel with the same approximate coefficient of expansion and contraction as steel

FOR
NEW OR OLD TANKS
HOT OR COLD
SAVES TANKS
AND DOLLARS

EXCLUSIVE
INSTALLING DISTRIBUTORS
FOR THE STATE OF OHIO

The Porceline Co.
EXpress 1-3221
6408 Euclid Ave., Cleveland 3, Ohio

Face Brick

CERAMIC GLAZED BRICK
AND TILE

Structural Facing Tile
FLOOR BRICK
TERRA COTTA
GLASS BLOCK

Aluminum Ventilators and
Ribbon Sash

THE KEMPER
BRICK CO.

Lincoln Bldg., Prospect 1-2897 Cleveland, O.

Margaret A. Mahoney
Named Director

Governor Michael V. DiSalle has named Miss Margaret A. Mahoney, Cleveland attorney, Industrial Relations Director, a job she held from 1953 through 1956 under former Governor Frank J. Lausche.

Miss Mahoney, the first and only woman ever to serve as majority leader in the Ohio Senate, succeeds Hugh D. Wait in the Industrial Relations post.

Since leaving that job two years ago, Miss Mahoney has served on the Cleveland Civil Service Commission and engaged in private law practice.

During her fourth term in the Ohio Senate in 1949-50, she was elected Democratic majority leader. She previously served two terms in the House.

She was also the first woman to head the State Securities Division, which post she held after leaving the Senate. She also was the first woman Industrial Relations director.

Hixson, Tarter and Associates
CONSULTING-STRUCTURAL ENGINEERS
2306 PARK AVENUE
CINCINNATI 6, OHIO
CAPITOL 1-1473

Page 28

OHIO ARCHITECT
Daubenmire Appointed Acting Chief

C. R. Daubenmire has been appointed Acting Chief of the Division of Factory and Building Inspection, Department of Industrial Relations, State of Ohio. Mr. Daubenmire had served as building plan examiner in the Division since June of 1956.

His previous experience includes that of Chief Examiner of Steam Engineers for the State of Ohio, service with the U.S. Army Corps Repairs and Utility Engineers and Chief Smoke Regulation Engineer for the City of Columbus.

He was associated with Darin and Armstrong of Detroit during the construction of the Curtis-Wright Plant east of Columbus and more recently, he worked as a design and instrumentation engineer with the Swarthout Company of Cleveland.

A Tribute To William A. Stinchcomb

Readers of the January, 1959 Ohio Architect feature story on the Stinchcomb Memorial will be interested in the following Senate Resolution No. 15 introduced by Messrs. Calabrese, Corrigan, Miller, Pettrash, Sawicki and Svoboda and adopted in January by the Ohio Senate.

In memoriam to William A. Stinchcomb, master-builder of Cleveland Parks

WHEREAS, The members of the Senate of the 103rd General Assembly are deeply bereaved to learn of the passing of William A. Stinchcomb, master-builder of the Cleveland "emerald necklace of parks;" and

WHEREAS, From 1895 when Mr. Stinchcomb first joined the Cleveland city engineer’s office to June, 1957 when he retired from the head position of the Cleveland Metropolitan Park System his fervor and desire to beautify Cleveland never waned; and

WHEREAS, The products of Mr. Stinchcomb's leadership in city park planning fill the bosoms of every Cleveland and Ohioan with pride, and stand as a perpetual tribute to the greatness of their designer; and

WHEREAS, In addition to the greatness he had achieved as engineer, conservationist, and public servant, he served as president of the City Club, Kiwanis, Automobile Club of Cleveland, and the W. A. Stinchcomb Company; he served as a trustee of Hiram College for eighteen years, was director of many public and private organizations, and received the first public service award given by the YMCA of Cleveland; therefore be it

RESOLVED That out of respect to William A. Stinchcomb, and as a reminder of the magnificent contribution he has made to the culture and beauty of his age, this resolution be adopted and a copy thereof be spread upon the Journal, and be it further

RESOLVED, that the clerk of the Senate be directed to send a duly authenticated copy of this resolution to his wife Annie M. Stinchcomb, to his son Tom L. Stinchcomb, to his daughter Betty M. Weldon, to the Cleveland Plain Dealer and to the Director of the Cleveland Metropolitan Park System.

Specifiers of architectural safety stair treads, nosings, and thresholds know they can rely on Wooster for dependable, engineered quality in the widest variety for every application. We, in turn, receive great satisfaction in successfully continuing a craft founded on skill, experience, and pride of workmanship.
FBI Wants This Man

Late in 1958 the Architects Society of Ohio alerted its members to one Thomas Savage who was impersonating Edward Stone, Jr. and had succeeded in selling himself to several architectural firms.

In the middle of January Savage was indicted by the Federal Grand Jury on charges of representing himself to heads of Cleveland manufacturing companies as an agent of the United States Navy Automatic Missile Testing Corp. at Cape Canaveral, Florida.

The Society has been asked by the Federal Bureau of Investigation to alert the membership to the fact that he is wanted in Cleveland by the FBI. If Savage attempts to obtain employment please contact your local FBI office and state that he is wanted in Cleveland.

His correct name is Thomas William Savage; however, he has been known to use the following aliases: Calvin E. Church, Hemrick Karl Von Neumars, Edward Stone, Jr. and Thomas McColland.

Pertinent statistics include the following: born, March 10, 1928; height, 6'2"; weight 205 lbs.; hair, brown; eyes, blue; and outstanding features, front teeth protrude and are spaced apart and he wears glasses when driving or drawing.
Architects Travel To Puerto Rico

Chancellor Benitez of the University of Puerto Rico has invited six architects to Puerto Rico to consider the possibility of establishing a School of Architecture at his University and to develop a curriculum of study for architectural students in Puerto Rico. The trip will be financed by the Puerto Rican government.

Members of the American delegation include John Noble Richards, FAIA, President, The American Institute of Architects; Buford L. Pickens, AIA, St. Louis; Alexander S. Cochran, AIA, Chairman, AIA Education Committee; Carl Feiss, AIA, Washington; Walter A. Taylor, AIA, Washington; and Trevor W. Rogers, AIA, Director, New York District, AIA.

Davis & Siehl
Folder Available

A folder on Page Aluminum Fence together with a Pittsburgh Testing Laboratory report showing the rust resisting ability of the new Page Aluminum Fence is now available. This folder will be of special interest to architects working in the institutional, school and hospital fields.

The Page Steel and Wire Division of the American Chain and Cable Company has pioneered the aluminized fence. Ohio architects desiring a copy of the folder should write The Davis and Siehl Company, 4262 Dane Avenue, Cincinnati 23, Ohio.

RUSSELL S. FLING
STRUCTURAL ENGINEER
DESIgn—CONSULting—REPORTS
REG. ENGINEER—REG. ARCHITECT
101 N. HIGH COLUMBUS 15, OHIO CA. 4-7718

MECKLER ENGINEERING COMPANY
CONSULTING ENGINEERS
GReenwood 2-1504
713 Phillips Ave. Toledo

Elevators
Electric Freight
Electric Passenger
Oil Hydraulic Passenger
Oil Hydraulic Freight

Dumb Waiters
Electric
Oil Hydraulic

Ash Hoists
Hand Power
Oil Hydraulic

Residence Elevators
Electric
Oil Hydraulic

CAPITAL ELEVATOR & MFG. CO.
424 W. Town St., Columbus
CAPital 4-2437
State Board of Examiners of Architects
Elects 1959 Officers

At the 28th annual meeting of the State Board of Examiners of Architects held in Columbus on January 15, 1959, the following officers were elected for the year 1959:

R. Franklin Outcalt, AIA, of 13124 Shaker Square, Cleveland, President. He is a member of the American Institute of Architects and is currently President of the Cleveland Chapter of the Institute and a member of the Architects Society of Ohio.

Mr. Outcalt, a native of Wauseon and a 1931 graduate of the University of Michigan, in Architecture, is a member of the firm of Outcalt and Guenther, with a wide practice in large institutional, educational and airport projects. He served on the Executive Board of the Cuyahoga County Planning Commission, a member of the Aviation Committee of the Chamber of Commerce, Mayor’s Advisory Committee for the City of Cleveland. He was also selected in 1957 as one of ten of the outstanding citizens of the City of Cleveland.

Mr. Charles E. Firestone, FAIA, of the Canton firm of Firestone and Motter, graduate of the University of Michigan and serving on his fourth five-year term as a Member of the Board, was elected Vice President.

For Secretary, the Board elected Mr. Frederick H. Hobbs, AIA, a graduate of the University of Virginia, who is serving his first term as a Board Member. He is associated with the Columbus firm of Tully and Hobbs.

The post of Assistant Secretary was filled with the election of George F. Schatz, AIA, who studied at M.I.T., practices as an individual in Cincinnati, and is serving his first term as a Board Member.

The retiring President, Harold H. Munger, FAIA, of Toledo, practicing under the firm name, Munger and Munger, still has almost two years to serve as a Board Member to complete three terms on the Board.

The office of the Board is 50 West Broad Street—Room 2750, Columbus 15, Ohio. R. C. Kempton, FAIA, is the Executive Secretary.

ADVERTISERS IN OHIO ARCHITECT

<table>
<thead>
<tr>
<th>Company</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allied Oil Co.</td>
<td>30</td>
</tr>
<tr>
<td>Alsynite Co. of America</td>
<td>3</td>
</tr>
<tr>
<td>(The Phillips-Ramsey Co.)</td>
<td></td>
</tr>
<tr>
<td>Andersen Corp.</td>
<td>33</td>
</tr>
<tr>
<td>(Campbell-Mithun Inc.)</td>
<td></td>
</tr>
<tr>
<td>Archer-Danies-Midland Co.</td>
<td>25</td>
</tr>
<tr>
<td>(Bayless-Kerr Co.)</td>
<td></td>
</tr>
<tr>
<td>Art Iron &amp; Wire Works</td>
<td>30</td>
</tr>
<tr>
<td>Blumcraft of Pittsburgh</td>
<td>13</td>
</tr>
<tr>
<td>Buildex, Inc.</td>
<td>23</td>
</tr>
<tr>
<td>(Harry Turner &amp; Assoc., Inc.)</td>
<td></td>
</tr>
<tr>
<td>Capital Elevator &amp; Mfg. Co.</td>
<td>31</td>
</tr>
<tr>
<td>City Blue Printing Co.</td>
<td>31</td>
</tr>
<tr>
<td>Cleveland Home &amp; Flower Show</td>
<td>26</td>
</tr>
<tr>
<td>(Nebbit Service Co.)</td>
<td></td>
</tr>
<tr>
<td>Davies' Cast Concrete</td>
<td>28</td>
</tr>
<tr>
<td>Duriron Co.</td>
<td>4</td>
</tr>
<tr>
<td>(Kricher, Helton &amp; Collett, Inc.)</td>
<td></td>
</tr>
<tr>
<td>Dur-O-Wall</td>
<td>17</td>
</tr>
<tr>
<td>(Ambro Advertising Agency)</td>
<td></td>
</tr>
<tr>
<td>Fielding-Wales Co.</td>
<td>30</td>
</tr>
<tr>
<td>Flexicore Mgrs. of Ohio</td>
<td>35</td>
</tr>
<tr>
<td>(Yeck and Yeck)</td>
<td></td>
</tr>
<tr>
<td>General Dredging Co., Inc.</td>
<td>22</td>
</tr>
<tr>
<td>Janssen Industries</td>
<td>30</td>
</tr>
<tr>
<td>Josam Mfg. Co.</td>
<td>24</td>
</tr>
<tr>
<td>(Allied Advertising Agency Inc.)</td>
<td></td>
</tr>
<tr>
<td>George P. Little Co.</td>
<td>26</td>
</tr>
<tr>
<td>(Carr Liggett Advertising, Inc.)</td>
<td></td>
</tr>
<tr>
<td>Kemper Brick Co.</td>
<td>28</td>
</tr>
<tr>
<td>Louisville Lamp Co., Inc.</td>
<td>31</td>
</tr>
<tr>
<td>McMillen Floor Products</td>
<td>24</td>
</tr>
<tr>
<td>(Reuben Ryding)</td>
<td></td>
</tr>
<tr>
<td>National Cement Products Co.</td>
<td>21</td>
</tr>
<tr>
<td>(Degnan &amp; Cook)</td>
<td></td>
</tr>
<tr>
<td>Newman Bros. Co.</td>
<td>21</td>
</tr>
<tr>
<td>(Julian J. Behr Co.)</td>
<td></td>
</tr>
<tr>
<td>Nobis Decorating Co., Inc.</td>
<td>18</td>
</tr>
<tr>
<td>Ohio Fuel Gas Co.</td>
<td>24</td>
</tr>
<tr>
<td>Porceline Co.</td>
<td>28</td>
</tr>
<tr>
<td>Portland Cement Ass’n.</td>
<td></td>
</tr>
<tr>
<td>(J. Walter Thompson Co.)</td>
<td>23</td>
</tr>
<tr>
<td>Reliance Art Metal Co.</td>
<td></td>
</tr>
<tr>
<td>(Henthorn Advertising Service)</td>
<td></td>
</tr>
<tr>
<td>Rolscree Co.</td>
<td>6</td>
</tr>
<tr>
<td>(L. W. Ramsey Advertising Agency)</td>
<td></td>
</tr>
<tr>
<td>Russian Distributors</td>
<td></td>
</tr>
<tr>
<td>Martin Hdwe. Co.</td>
<td></td>
</tr>
<tr>
<td>Carl D. Hines, Inc.</td>
<td></td>
</tr>
<tr>
<td>Beight Hdwe. Co.</td>
<td></td>
</tr>
<tr>
<td>Hyslop &amp; Fisher</td>
<td></td>
</tr>
<tr>
<td>McClure-Ross Co.</td>
<td></td>
</tr>
<tr>
<td>Mitchell Hdwe.</td>
<td></td>
</tr>
<tr>
<td>Otto C. Buchler &amp; Son</td>
<td></td>
</tr>
<tr>
<td>Sands Mfg. Co.</td>
<td>22</td>
</tr>
<tr>
<td>(Allied Advertising Agency Inc.)</td>
<td></td>
</tr>
<tr>
<td>Structural Clay Products Institute</td>
<td>5</td>
</tr>
<tr>
<td>(Ted Witter Advertising Agency)</td>
<td></td>
</tr>
<tr>
<td>Tiffin Scenic Studios, Inc.</td>
<td>25</td>
</tr>
<tr>
<td>Tubular Products</td>
<td>27</td>
</tr>
<tr>
<td>(Ritter-Liberman, Inc.)</td>
<td></td>
</tr>
<tr>
<td>Unit Structures, Inc.</td>
<td>27</td>
</tr>
<tr>
<td>(Williams Advertising Design)</td>
<td></td>
</tr>
<tr>
<td>White Insurance Agency, Inc.</td>
<td>28</td>
</tr>
<tr>
<td>Williams Pivot Sash Co.</td>
<td>21</td>
</tr>
<tr>
<td>Wooster Products, Inc.</td>
<td>29</td>
</tr>
<tr>
<td>(McDaniel, Fisher &amp; Spelman Co.)</td>
<td></td>
</tr>
<tr>
<td>Zonolite Co.</td>
<td>16</td>
</tr>
<tr>
<td>(Henri, Hurst &amp; McDonald, Inc.)</td>
<td></td>
</tr>
</tbody>
</table>

COMPLETE STAGE EQUIPMENT

DESIGNERS
MANUFACTURERS INSTALLERS

EASTER SEALS 1959
HELP CRIPPLED CHILDREN
EASTER SEALS 1959
HELP CRIPPLED CHILDREN

OHIO ARCHITECT
New! Andersen Strutwall...
modular component that joins quality window and wall!

- Cuts installation steps two thirds
- Provides tighter, trouble-free fit
- Saves labor
- Simplifies and speeds construction
- Fits any type of frame construction including panel systems

Here's a great advance in fenestration. The new Andersen Strutwall actually makes a quality window an integral part of the house frame!

Complete factory assembly gives the new Strutwall unusual resistance to racking. Provides the tightest possible joining of window and wall. Cuts installation from around 22 steps to 7.

To install, you simply cut two load-bearing struts to fit header construction. Nail new Strutwall to adjacent frame. Tilt up with wall. In multiple openings, you just butt new Strutwalls against each other. Such simplicity practically eliminates chance of carpentry errors—and callbacks.

The new Andersen Strutwall comes in seven sizes, two styles . . . famous Beauty-Line* or Flexivent®. Full specification data available by writing Andersen Corporation, Bayport, Minnesota for Tracing Detail File.

*Patent pending

Always fast service on
Andersen Windowalls
from these Ohio Jobbers:

CINCINNATI
Acme Sash & Door Co.
1250 Tennessee Ave., MErose 1-4400
Cincinnati Sash & Door Co.
4500 Reading Rd., JEfferson 1-1910

CLEVELAND
The Whitmer-Jackson Co.
1996 W. Third St., CHerry 1-5365

COLUMBUS
Huttig Sash & Door Co.
1791 Kenny Road, HUdson 6-4367

DAYTON
Dayton-Akron Sash & Door Co.
8 Norwood Ave., MIchigan 5626

MASSILLON
The Whitmer-Jackson Co.
16th St. & Harsh Ave., TEmple 3-8511

TOLEDO
Allen A. Smith Company
1216 W. Bancroft St., CHerry 4-5531

YOUNGSTOWN
The Whitmer-Jackson Co.
3630 Connecticut Ave., SWeetbriar 9-3269

FEBRUARY, 1959

Windowalls and Strutwall are trademarks of Andersen Corporation
NATURAL GAS

...THE MOST ECONOMICAL FUEL YOU CAN CHOOSE FOR ALL MAJOR SCHOOL NEEDS

Yes, Gas gives the greatest return for each dollar invested in heating, cooling, cooking, water heating, and incineration equipment. Here's why:

Gas Keeps Operating Costs Down
Natural Gas is nature's most perfect fuel. Its flexibility, speed and high heat content enable it to heat faster at lower cost. And nothing equals modern automatic Gas Equipment for economy of operation.

You Save on the Initial Cost of Gas Equipment
Automatic Gas heating and water heating equipment . . . Gas ranges, ovens and other cooking equipment . . . cost less than similar equipment using other fuels.

Gas Equipment is Less Costly To Install
The actual cost in time, labor and materials of installing Modern Gas Equipment is much less than that of similar electric equipment. Often, a Gas supply is all that is required; and, in the case of automatic Gas heating equipment, fewer accessory units of equipment are necessary.

Less Maintenance Is Required with Gas Equipment
Gas burners last a lifetime. They never lose their efficiency or speed — and they can't burn out. Fewer parts in Gas heating units also save on cost of maintenance.

Gas Equipment assures top performance . . . unmatched dependability of service . . . maximum safety.

Choose Economical Natural GAS for all major school needs!

THE OHIO FUEL Gas Company
Two Fireproof Schools For Akron Children

The Number 1 consideration in the design of a school building is the safety of the children. In Akron, two architects designed all-concrete school buildings to provide the ultimate in fire safety.

Both schools have masonry bearing walls and Flexicore precast concrete roofs. A Flexicore deck, similar to the ones used on these buildings, plus 1½ inches of topping, has a three-hour fire rating from Underwriters' Laboratories.

Flexicore construction has other advantages. The Fairlawn School, for example, was completed four months ahead of schedule, due in part to the high speed erection of the roof.

For more information, call or write the Flexicore manufacturer nearest you.

flexicore

AKRON-CLEVELAND: Lake Erie Flexicore, Kent, Box 563, Orchard 3-9881
CINCINNATI: Price Brothers Company, 7617 Reading Road, Poplar 1-691
COLUMBUS: Arrowcrete Corporation, 816 McKinley Avenue, Capitol 1-5506
DAYTON: Price Brothers Co., 1932 E. Monument Ave., Baldwin 2-7601
DETROIT: Price Brothers Co., 12651 Newburg Rd., Livonia, Woodward 5-6376
Have You Compared OHIO ARCHITECT Circulation And Editorial Quality To The Non-Official Magazines In Ohio?

Have You Discovered The Value Of Low Cost Advertising In OHIO ARCHITECT?

If Not, Then Examine The Architects' Official Publication—Your Best Media For Advertising To Ohio Architects.

OHIO ARCHITECT REACHES

1275 Architects Registered in Ohio - (Paid Subscriptions)
728 Architects Registered in Ohio - (Free Circulation)
409 Engineers (Consultants to Architects)
PLUS County Engineers . . . City Engineers . . . County Commissioners . . . City Directors of Safety & Service . . .

District Building Inspectors . . . Hospital Superintendents
Superintendents - County School Boards . . . State Department of Education Officers . . . City Council Presidents . . .
Presidents - County School Boards . . . And Many Other Important Buying Influences.
TOTAL OHIO ARCHITECT CIRCULATION . . . 5658

Don't Forget . . . Our April Magazine Is The Architects' Annual Roster Issue . . .
Space Deadline For The Roster Issue—March 15th.

OHIO ARCHITECT IS THE COUNTRY'S FASTEST GROWING REGIONAL PUBLICATION IN ITS FIELD