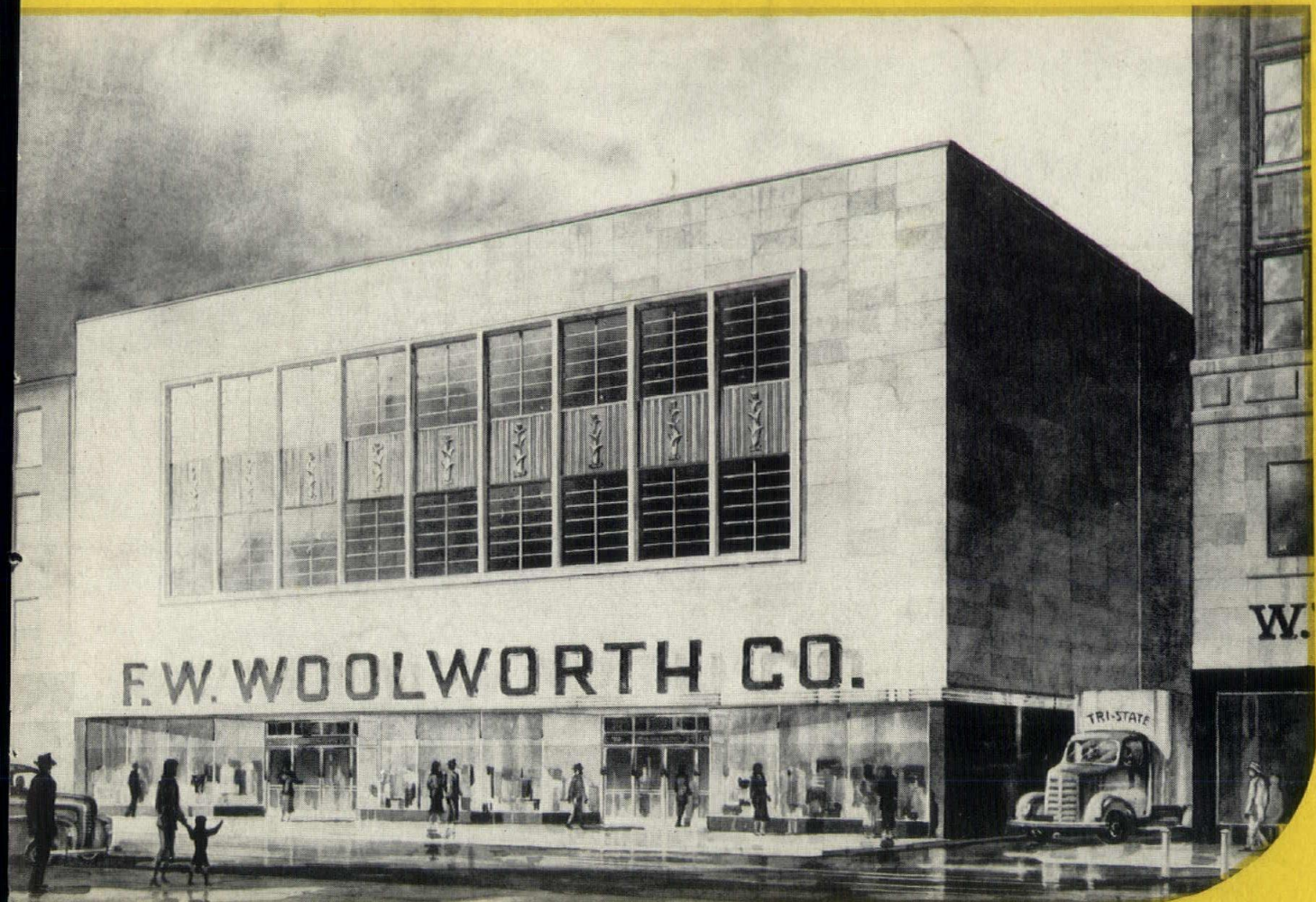


JANUARY • 1950

Vol. VIII

No. 1

# OHIO ARCHITECT



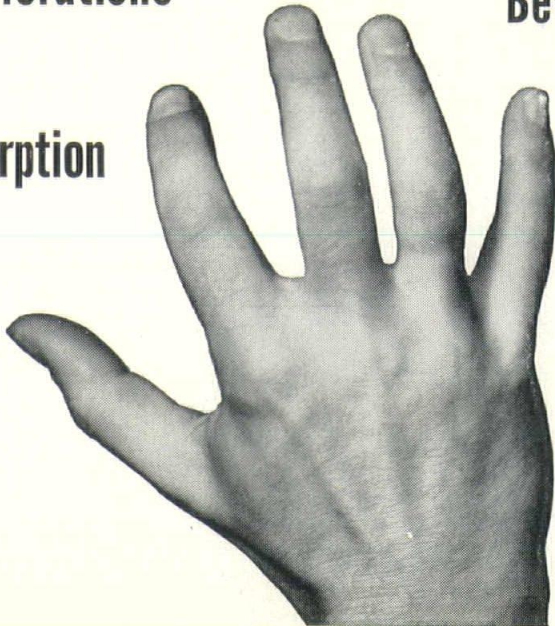
Cleveland's newest merchantile establishment on Euclid Avenue.  
A 17-story skyscraper was razed to provide space for this structure.  
Garfield, Harris, Robinson and Schafer, Architects, Cleveland.

## IN THIS ISSUE...

A Colonial Design in Cleveland . . . . .	6, 7, 8
Warm Air Heating — Without a Basement . . . . .	9
Traditional, Contemporary and Pratical . . . . .	10
Octagon to Become Reception Building . . . . .	12
Architctural Dollar Best Investment . . . . .	13
What Does Architectural Organization Mean to You? . . . .	17
Memo from the Octagon . . . . .	18

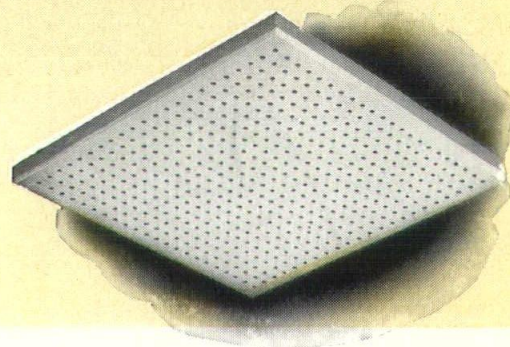




- 
- 1** Washable Finish
  - 2** Higher Sound Absorption
  - 3** Hollocore Drilled Perforations
  - 4** Finished Bevels
  - 5** More Beautiful and Efficient

## Five SOUND Reasons Why Simpson Acoustical Tile Is Being Given Preference by Value-wise Buyers

The popularity of Simpson Acoustical Tile is increasing amazingly fast! And for many good reasons... five of which we point out above. They all add up to the one BIG reason—"More for the money". That's why value-wise architects and owners are calling for Simpson Acoustical Tile!



**Simpson**  
QUALITY SINCE 1895

# ACOUSTICAL TILE

***For Better Sound Conditioning***

A Complete Acoustical Service is offered by these Simpson Acoustical Contractors

FOR MORE INFORMATION SEE—

**THE MID-WEST ACOUSTICAL & SUPPLY CO.**

1209 WEST 69th ST., CLEVELAND 2, OHIO • Phone: OL. 4701

BRANCH OFFICES AND WAREHOUSES

**AKRON**  
419 Locust Street  
JE 7934

**COLUMBUS**  
1550 W. Mound Street  
RA 8497

**DAYTON**  
16 Eaker Street  
MI 1643

**SPRINGFIELD**  
264 Dover Rd.  
4-4503

**TOLEDO**  
418 Front Street  
TA 8285



# IN THE LARGEST, FINEST AIRPORT BUILDING



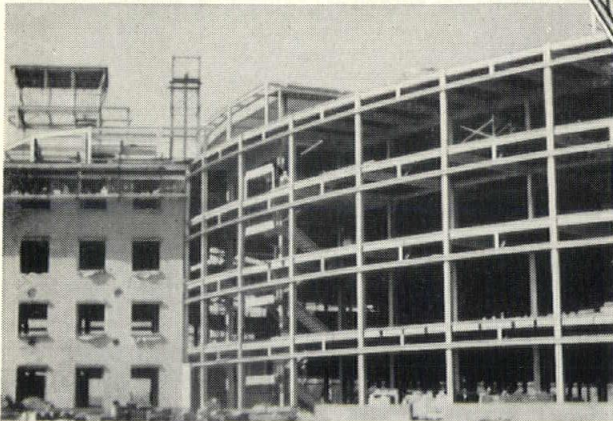
**MACOMBER NAILABLE STEEL BAR JOISTS  
SUPPORT ACRES OF CONCRETE FLOORS**

And Provide Fast, Secure Nailing For Metal Lath To Speed Up The Entire Floor Assembly And Pouring Operations.



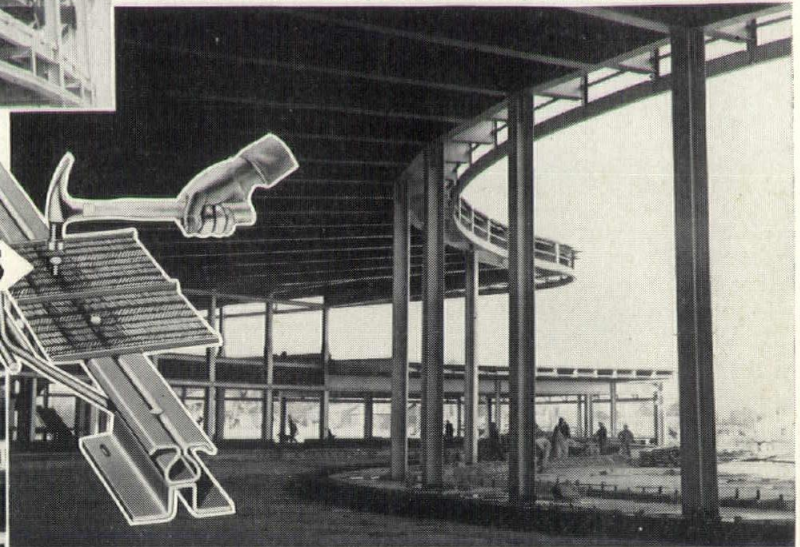
**JOSEPH HOOVER, ARCHITECT, PITTSBURGH, PA.**

**To Get This Outstanding  
Structural Advantage Specify  
MACOMBER NAILABLE STEEL JOISTS  
PATENTED**



**DICK CONSTRUCTION CO., PITTSBURGH, PA.  
GENERAL CONTRACTOR**

**THE MACOMBER  
V BAR JOIST WAS  
APPROVED BY THE  
STEEL JOIST INSTI-  
TUTE ON OCT. 23, 1946**



These pictures of the Greater Pittsburgh Airport Building give some idea of the magnitude of this structure, unique in the entire world in its vision of airport facilities. Shown also are Macomber Nailable Steel Bar Joists as used in floor and roof construction—a product just as unique in the entire construction world—NAILABLE Steel Joists. Joists made entirely of steel with  $2\frac{1}{2}$  times the holding power of wood. Here at last is a BUILDER'S unit! Think of the difference in NAILING slab centering materials as compared to wiring or clipping each one. Yet, Macomber Nailable Bar Joists cost no more. Write for catalog and immediate quotation.

**HOME, SCHOOL, COMMERCIAL AND INDUSTRIAL FLOOR AND ROOF SYSTEMS  
STANDARDIZED STEEL BUILDING PRODUCTS**



**MACOMBER • INCORPORATED  
CANTON, OHIO**

**IN CANADA, SARNIA BRIDGE CO., LIMITED, SARNIA, ONT.  
IN MEXICO D. F.—MACOMBER DE MEXICO S. A. CEDRO 500**

**V BAR JOISTS • LONGSPANS • BOWSTRING TRUSSES • STEEL DECK**



# OHIO ARCHITECT

OFFICIAL PUBLICATION OF THE  
ARCHITECTS SOCIETY OF OHIO, INC.

Association Member of the American Institute of Architects

Volume VIII

January, 1950

Number One

JOHN W. HARGRAVE.....*Editor*  
Cooper and Montgomery Roads, Montgomery, Ohio  
CHARLES L. BURNS.....*Business Manager*  
Publication Office: 6523 Euclid Ave., Cleveland 3, Ohio  
Telephone EXpress 8700  
E. B. STAPLEFORD.....*Cleveland Advertising Manager*  
ED SELTNER.....*State Advertising Manager*

## ASSOCIATE EDITORS

COLUMBUS CHAPTER, A.I.A.—Ralph Kempton, Secretary, Ohio State Board of Examiners of Architects, 2150 A.I.U. Bldg., 50 W. Broad St., Columbus 15, Ohio.  
CLEVELAND CHAPTER, A.I.A.—Jean Fenton, 12065 Edgewater Drive, Lakewood 7, Ohio  
DAYTON CHAPTER, A.I.A.—John Sullivan, Jr., 419 Third National Bank Bldg., Dayton 2, Ohio.  
EASTERN OHIO CHAPTER, A.I.A.—Russell Roller, Alliance, Ohio.  
TOLEDO CHAPTER, A.I.A.—John P. Macelwane, 531 Nicholas Bldg., Toledo, Ohio.

## OFFICERS OF ARCHITECTS SOCIETY OF OHIO, INC.

George S. Voinovich, *President*.....1011 Swetland Bldg., Cleveland 15  
Carl C. Britsch, *1st V. Pres.*.....531 Nicholas Bldg., Toledo 4  
Emory J. Ohler, *2nd V. Pres.*.....12 Kurtz Ave., Dayton 5  
William B. Huff, *3rd V. Pres.*.....1050 North Main St., Akron 10  
H. Walter Damon, *Treas.*.....217 E. Indianola Ave., Youngstown 5  
John W. Hargrave, *Sec.*.....Cooper & Montgomery Rds., Montgomery  
C. Curtiss Inscho, *Past Pres.*.....60 E. Broad St., Columbus 15

## STANDING COMMITTEES

PUBLIC RELATIONS—George Voinovich, Cleveland, Chairman; Harold H. Hunter, Warren; Gilbert Coddington, Columbus; Onnie Mankki, Cleveland; John T. Macelwane, Toledo; Charles R. Strong, Cincinnati; Michael Lucisano, Dayton.

LEGISLATIVE—Richard L. Tully, Chairman, Columbus; Wm. B. Huff, Akron; Thomas E. Brand, Columbus; Carl F. Gunther, Cleveland; Willis A. Vogel, Toledo; Eugene F. Schrand, Cincinnati; Ralph Carnahan, Dayton.

BUILDING CODE—H. Walter Damon, Chairman, Youngstown; C. Curtiss Inscho, Columbus; Paul Ruth, Cleveland; Newton F. Marvin, Toledo; Hunter W. Hanly, Cincinnati; Emory Ohler, Dayton.

MEMBERSHIP CHAIRMEN—Ramsey Findlater, Chairman, Cincinnati; Edward V. Florence, Akron; Raymond Goller, Columbus; Morton Leavitt, Cleveland; Mark B. Stophlet, Toledo; John W. Hargrave, Cincinnati; Donald Bolinger, Dayton.

ARCHITECTS REGISTRATION—Charles F. Owsley, Chairman, Youngstown; Charles J. Marr, New Philadelphia; John P. Schooley, Columbus; Anthony S. Ciresi, Cleveland; Harold E. Munger, Toledo; Charles R. Strong, Cincinnati; Carl Martin, Dayton.

EDUCATION CHAIRMEN—Carl Britsch, Toledo; Charles E. Firestone, Canton; Wilbert C. Roman, Columbus; Edward H. Hodgeman, Cleveland; M. D. Grow, Toledo; Reid F. Stockdale, Cincinnati; John Sullivan, Jr., Dayton.

CONSTITUTION AND BY-LAWS—John F. Samuels, Youngstown, Chairman; Lawrence J. Motter, Canton; Floyd F. Glass, Columbus; Russell Simpson, Cleveland; Michael B. O'Shea, Toledo; George F. Roth, Cincinnati; Michael Lucisano, Dayton.

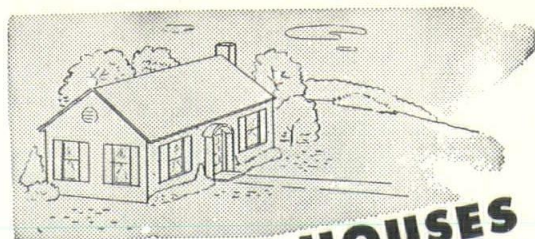
ARCHITECTURAL PRACTICE—George M. Martin, Chairman, Cincinnati; C. Curtiss Inscho, Columbus; Franklin G. Scott, Berea; Harold H. Munger, Toledo; Charles F. Owsley, Youngstown; Emory J. Ohler, Dayton.

BUILDING INDUSTRY CO-ORDINATION—Charles J. Marr, Chairman, New Philadelphia; (committee to be appointed by chairman).

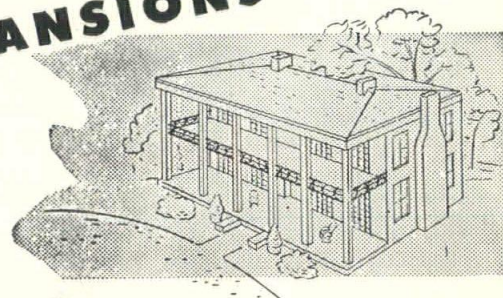
LECTURE SERVICE TO PUBLIC SCHOOLS—Max Mercer, Chairman, Yellow Springs; (committee to be appointed by chairman).

## CHAPTER DIRECTORS OF THE ARCHITECTS SOCIETY OF OHIO, INC.

Ramsey Findlater, Cincinnati; Richard L. Tully, Columbus; J. Byers Hays, Cleveland; Michael B. O'Shea, Toledo; Ralph C. Carnahan, Dayton; John F. Samuels, Youngstown.



**4 ROOM HOUSES**  
need planning for  
telephone service  
as well as...  
**MANSIONS**



● Whether a new home will have four or fourteen rooms, modern construction methods may make it impossible to conceal telephone wires in walls unless telephone outlets are provided.

Keep attractive new walls free of exposed telephone wires. Plan locations for telephone outlets before construction begins. A telephone outlet conceals telephone wires inside the walls, yet costs no more than an electrical outlet.

(Valuable planning information, free!  
Call or write for your free copy of  
"Plan for Phones in Your New Home".)

Architects' and Builders' Service

**THE OHIO BELL TELEPHONE CO.**







STEWART FURNITURE CO., Hubbard, Ohio  
Leavitt and Spieth, Architects

## *It was done in* **PORCELAIN ENAMEL**

Selected for  
PERMANENT COLOR  
and BEAUTY

•  
EXTREMELY LOW  
MAINTENANCE

•  
LASTING DURABILITY

### **THE R. L. WURZ CO.**

*Architectural Porcelain Enamel*

1836 Euclid Ave. Cleveland, Ohio

Tel. CHerry 7830

Members of The Cleveland Builders  
Exchange, Inc. of Cleveland, Ohio

# POLLAK



America's outstanding first postwar Hotel, new and definitely different, was built in the hectic days of post-war steel scarcity.

From sub-basement to the exclusive Gourmet Room, the glass "cage" on the roof, it was Pollak Rail Steel all the way — delivered "on time."

When in Cincinnati enjoy a meal in the Cafeteria, Skyline dining room or Gourmet Room and remember, below and behind the glamour, it's RAIL STEEL.

### **THE POLLAK STEEL COMPANY**

MILLS: MARION, OHIO

GENERAL OFFICES: CINCINNATI, OHIO

## **RAIL STEEL REINFORCING**



Terrace Plaza Hotel, Cincinnati, Ohio

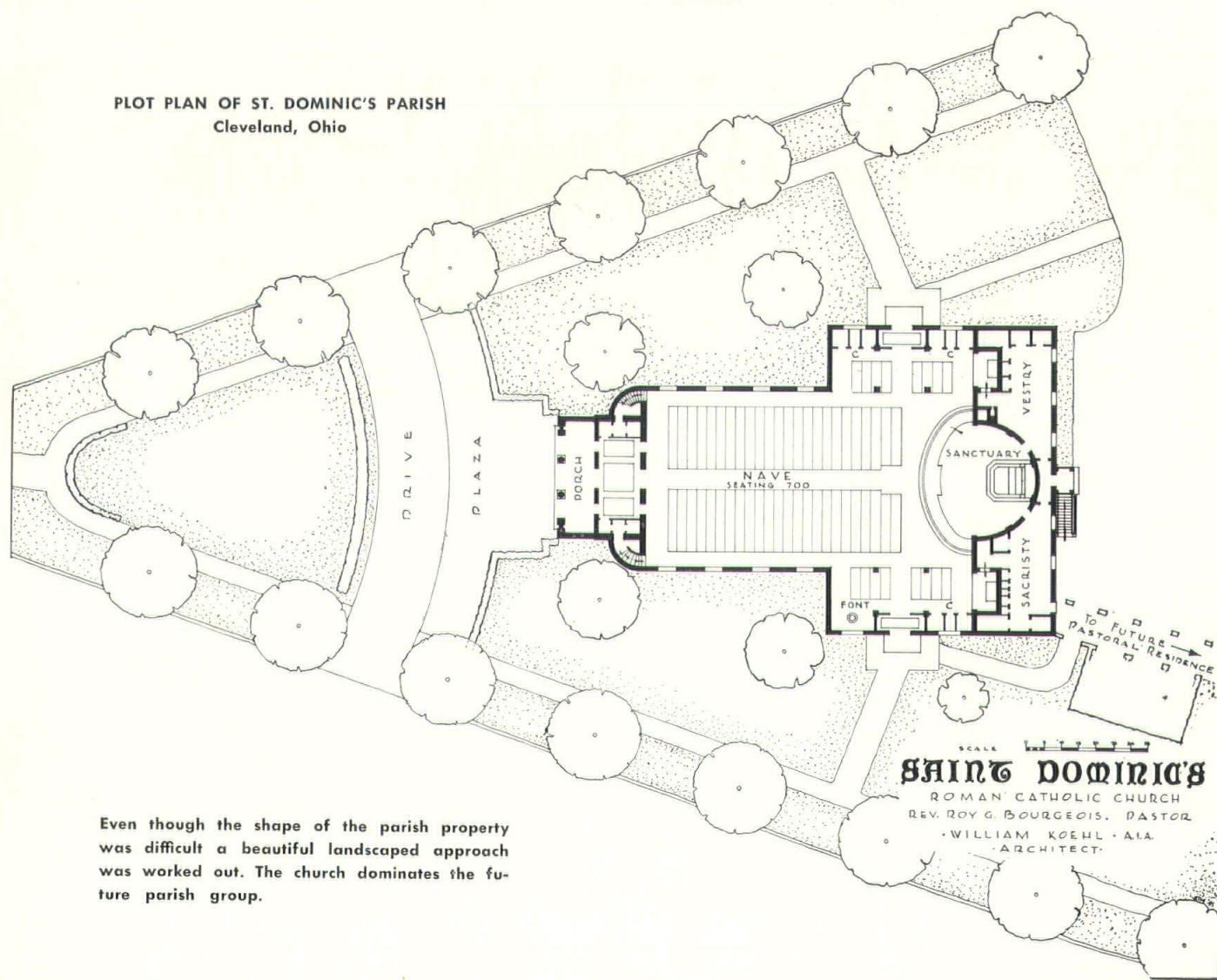




# A VIEW FROM THE SANCTUARY

Two rows of recessed adjustable spotlights serviced from the attic lend to the three colonial chandeliers.

## PLOT PLAN OF ST. DOMINIC'S PARISH Cleveland, Ohio



Even though the shape of the parish property was difficult a beautiful landscaped approach was worked out. The church dominates the future parish group.



## A COLONIAL DESIGN IN CLEVELAND

Rev. Roy G. Bourgeois, Pastor

Wm. Koehl and Thos. F. Koehl, Architects

St. Dominic's Church, dedicated August 8, 1948, is rather unique among Catholic churches in that it is the permanent church and the first unit of the parish group to be built. It is also frankly and completely Colonial. The selection of this style was not arbitrary but the result of its environment, which is a community of predominantly Colonial architecture, and the life-long desire of the pastor to bring this style into harmony with the parish requirements.

The property purchased was "pie shaped," formed by the intersection of a secondary street running diagonally into a main boulevard. It was found that placing the church so as to face this corner resulted in the most economical use of the land and allowed the church to dominate the future parish group as well as affording it a possibility of a beautiful landscaped approach. This landscaping, though planned, has not yet been effected. It was at this stage that the rather unusual rounded corners at the front of the building were developed. It was found that by so doing the church could be moved forward within the building set backs resulting in a substantial addition to the usable property in the rear where it was at a premium, as the community in which it stands has an ordinance requiring off-street parking areas for churches and theatres. These rounded corners are also an exterior architectural expression of the curved stairways to the choir.

Facing the apex of this wedge-shaped piece of property as it did, it was found that the building set backs dropped farther and farther away from the sides of the church as it approached the rear, thus affording the use of transepts, giving a more economical use of

the land and resulting in the traditional cruciform plan for Catholic churches.

Through this use of the cruciform plan and some inspiration from the 18th Century brick church at Lancaster, Massachusetts, designed by Bullfinch, a final composition was evolved that satisfied both the requirements of the Colonial style and those of a Catholic church without loss to either.

The church seats 700 in the nave and transepts and 75 in the balcony. The sanctuary with its unusual curved communion railing is the main focal point of the nave, the side altars being the focal points of the transepts. Unusual feature are the doorways at the side altars which give access to the sacristies without going through the main sanctuary. This also has proved convenient during processions.

The sacristies themselves are large, well lighted, and have ample storage space.

The front vestibule has public rest room facilities for men and women. There are additional public facilities off of the parking areas and located

in the excavated portion at the rear of church.

The interior walls are plaster as are all pilasters, columns and cornices. It is interesting to note here that it was decided not to paint all this plaster till a year had passed allowing the heat to dissipate from it. (Heat from the lime which would bleach the color out of the paint.) The congregation in the interim became so enamoured of the chaste whiteness of the interior of their church that they have petitioned the pastor to allow it to remain as it is and not introduce any color.

The suspended ceiling is of acoustical plaster and



Colonial style of architecture predominated in the community in which this new church is located. Therefore this design was selected. The shape of the ground area was also an influence. All details of the problems, the construction and furnishings are described in this article.





Several features enhance the striking beauty of this interior. The curved communion rail, the doorways at the side altars direct to the sanctuary, the chandeliers, the altars and fittings all lend to the design.

insulated with a 4" thick blanket of rock wool blown evenly over it.

The general lighting is furnished by two rows of recessed adjustable spotlights with atmosphere lighting produced by the three large colonial designed chandeliers. These fixtures are accessible and can be serviced from catwalks in the garret space. The chandeliers are so installed that by a later installation they may be lowered by individual winches to the nave floor.

The floors of sanctuary, side altars, aisles and vestibules, are terrazzo, while asphalt tile was used under pews and in the sacristies.

All wood trim and panelling is of white pine enameled an ivory tint. The glazing of the large nave windows is hammered cathedral glass of the three lightest tints of amber and set in at random.

The organ problem was solved rather neatly. Instead of the usual array of artificial organ tubes, three delicate grills were placed in the face of the organ

chamber allowing for the maximum emission of sound. Everything behind these grills was painted a dull camouflage green-black with the result that there is nothing to detract from their pattern, and by an optical illusion nothing can be seen through the grill.

The heating system is steam with a gas fired boiler. The heating units with circulating fans installed under windows are inverted so that the cold air returns are on the window sill and the heat is pushed out at baseboard level by the fans, and diffused by grills. This has eliminated a large percentage of the wall streaking.

The exterior brick is a colonial pink in color with enough shades to give a pleasing texture. The roof is a shingle tile of the type used largely in the Williamsburg Restoration.

Cornice, cupola and all exterior trim is white pine. Gutters, downspouts, flashings and all other exterior metal work is copper.

*Reprinted through Courtesy of "Church Property Administration."*

## NOW — A HEAT ABSORBING GLASS

Architects are studying a recent development in the flat glass industry which promises to raise the "standard of livability" of home dwellers everywhere.

This development is a new window unit, resulting from the combination of one plate of heat absorbing glass and one of regular polished plate glass. These two plates, when separated by a space of dry air hermetically sealed within the unit by a metal strip, form a Thermopane window unit which reduces the transmission of solar heat by more than 44 per cent.

The heat absorbing Thermopane unit has been field tested in dozens of commercial buildings throughout the south and far west. It was found that the plate of heat absorbing glass, when used as the outer pane of

the double-glass unit, absorbed nearly half of the sun's heat. The bluish-green tint of the glass also proved effective in lessening glare both from direct sun and from reflected sunlight.

When glazed in an entire building the heat absorbing Thermopane proved economical. A smaller air conditioning unit was needed and the operating costs of that unit reduced.

Present uses of the new unit range from glazing in laboratories where interior temperatures must be carefully controlled to windows in office buildings where employe comfort is the deciding factor. Heat absorbing plate glass alone has been enthusiastically received in

*(Continued on page 26)*



# Warm Air Heating —and Without a Basement

By ALICE HOLTON

Architectural ideas change with the years, dotting the landscape with structures which vary from the tall and compact to the low and rambling. Finding favor right now is the ranch-type home, with all of its facilities grouped on a single floor.

Regardless of the type of architecture, however, old-style comfort is yet very much in demand. On a bitterly cold morning, a warm house is a prime necessity and there's no better way of assuring cold weather comfort than with warm air heating.

For years it was believed that a basement or cellar was necessary if one was to enjoy a central heating system—that if there were no basement or cellar, heat had to be supplied by pot-bellied stoves, space heaters or fireplaces.

Modern furnace design has changed this picture. Today, owners of small homes, particularly of basementless homes, may enjoy the luxury of furnace heating along with the construction economy of the one-story home.

Specially designed for basementless homes and individual units of apartment buildings is the modern Superfex "Hi-Boy" Furnace, a product of Perfection Stove Company. The "Hi-Boy" is a miracle of compactness and heating efficiency, available in both oil and gas models. It occupies less than four square feet of floor space, thus it is small enough to be installed in an ordinary size clothes closet, in the corner of a utility room or kitchen, on an enclosed back or side porch, or even in an attic.

When Perfection engineers designed the Superfex "Hi-Boy," they placed comfort, convenience and safety at the top of the list. The "Hi-Boy" was given a protective air-insulated casing so that the unit could be placed within a few inches of the wall—an ideal space saver. Also, to save space, all controls, burners, air filter, draft

Unique heat and light diffusion arrangement in Mr. Gallup's home, Willoughby, Ohio.



Model 14 Superfex "Hi-Boy" Furnace (gas) installed in an ordinary clothes closet.

diverter and cleanout, were made accessible from the front.

The "Hi-Boy" embodies the same fundamental design made famous by other furnaces in the Superfex line. Only in size is it different. Its three-stage fire and two-speed blower are so

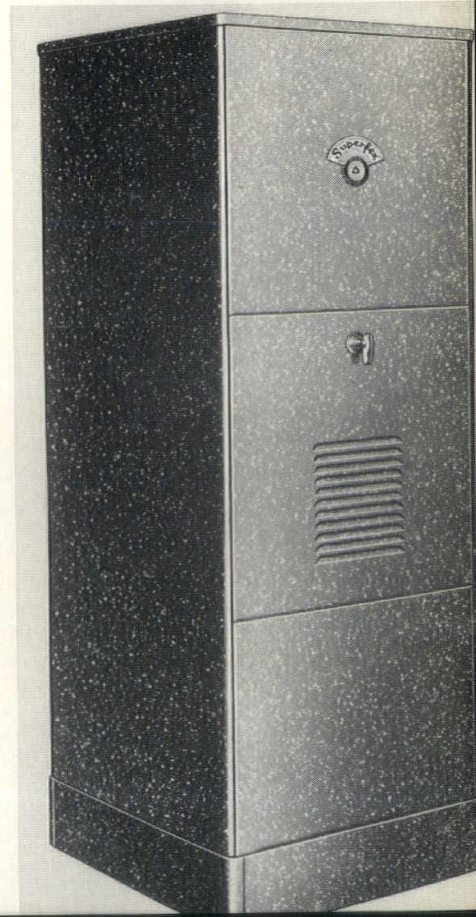
Model 14 gas 'Hi-Boy' Superfex Furnace made by Perfection Stove Company.

synchronized with the thermostat that the dwelling temperature is kept at a uniform level. The wall thermostat is set at the desired temperature and the automatic controls take over, circulating heat throughout the house, in large or small quantities as desired.

Where heating requirements do not exceed 67,000 B.t.u.'s per hour, a single "Hi-Boy" Furnace is adequate to supply the heating needs, in all kinds of weather. Some home builders, coveting the compactness and convenience of the "Hi-Boy," have been known to install two of them in their over-size ranch homes.

During the past two or three years, apartment dwellers, too, have discovered the advantages of individual "Hi-Boy" units, which give them the degrees of heat which match their own needs. In duplexes, rows and apartment houses where each tenant supplies his own heat, residents see the advantage of automatic heat with fingertip control right in their own dwelling

(Continued on page 27)





CHURCH AND RECTORY OF  
ST. FRANCIS OF ASSISI  
Gates Mills, Ohio

REV. W. B. GALLAGHER, Pastor

Walker & Weeks, Architects  
Cleveland, Ohio

## Traditional, Contemporary and Practical

The parish of St. Francis of Assisi, Gates Mills, Ohio, was established by the Most Reverend Edward F. Hoban, Bishop of Cleveland on August 18, 1943, and the Reverend W. B. Gallagher was appointed Pastor.

Due to the steadily increasing growth of the parish, their quarters became hopelessly inadequate and the pastor launched a program for a new church and rectory, with provisions for a future school building and necessary playgrounds.

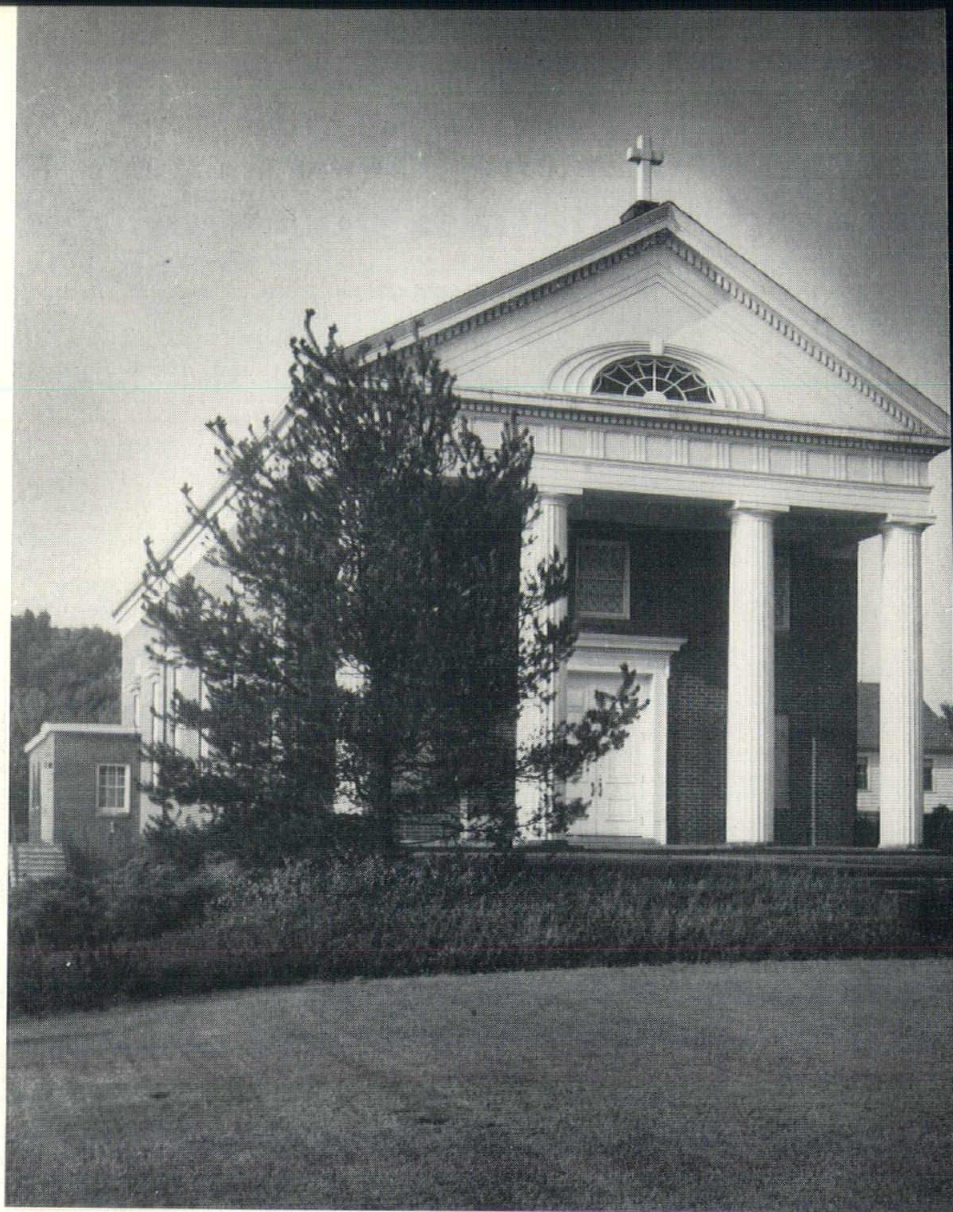
Subsequently four acres of land were purchased in the Village of Gates Mills, which is located approximately sixteen miles from downtown Cleveland. Construction work was started on June 11, 1947 and was completed in fifty-four weeks, on June 27, 1948 and the church was formally dedicated on October 3, 1948.

Although the church cannot be categorized as stylistic, the architects designed both the exterior and interior along the lines of the Western Reserve expression of early American architecture, yet always keeping in mind that every detail, whether in plan or decoration, must conform to both the letter and the spirit of the Church's laws regulating such matters. It was felt that this approach would not only effect harmony with the existing architectural development of the Village of Gates Mills, but would also produce a restful and refreshing ensemble in a truly rural environment. In view of the future requirement of a school building, the church and rectory were so located on the plot that adequate space was provided for not only the school proper but also recreational and playground facilities adjacent to the school. All drives and parking areas were planned so that they would not interfere with, nor endanger, the future school development.

The exterior walls of the church are built of a rough mat brick of a full red range with brown flashes, and the exterior cornice, all trim, window frames and sash, doors and door frames were constructed of wood, and painted white.

The fluted columns and pediment motive over the main entrance were also built completely of wood and painted white.

The church is planned with three entrances including the main entrance on the north side facing Mayfield



Road and two side entrances located at the front of the nave; one on the east and the other on the west side of the building. Each of these side entrances provides easy access to the parking areas at the rear or south end of the church.

The finished walls and ceiling of the nave are plastered, tinted and painted, and marbelized "Verde Antique" composition material applied to the plaster wall from the wood base to the wood window stools provides a marbelized wainscoting approximately five feet above the finished nave floor.

The finished floor of the nave is a composition brown marbelized tile laid in a simple block pattern. Each light of clear glass in the nave windows is decorated in a simple geometric pattern with a stippled field of a warm deep straw tone, all accomplished with oil paint and varnish.

The nave pews seat approximately 290 and are constructed of selected elm with the caps, base of pew ends, seat bottoms, top rails and face sides of pew backs stained to a rich, dark brownish mahogany finish, while the remainder of the pew ends and near sides of pew backs are enamelled in an off-white tone. All other interior wood trim, except the mahogany stained communion rail, is finished in an off-white enamel.

The balcony at the rear of the nave is accessible by a stair directly off the main entrance vestibule and has a



seating capacity of approximately 70 persons. The design and finish of the pews is similar to the nave pews. The console-type electric organ and sound amplifying equipment is also located on this balcony.

Off the main entrance vestibule is located a small baptistery, and on the opposite side is a stairway leading to the ground floor facilities consisting of toilet and rest rooms and a large meeting room 32' x 76', which is approximately the same size as the nave. This meeting, or assembly room, located approximately six feet below grade, has a clear ceiling height of ten feet and is lighted with flush-mounted fluorescent fixtures.

Four large operative sash on both the west and east sidewalls of this room provide ventilation and natural light to the area. The ground floor also houses a preparation kitchen directly off the meeting room, together with the mechanical equipment room and a small lecture or consultation room.

On the east side of the building is located an outside stair providing direct access to these ground floor facilities from the exterior, and a smaller interior stair is located on the west side of the building providing access from the priest's sacristy and from west side of the building.

The sanctuary floor is completely carpeted with a grey-green tone heavy pile carpeting, and the main altar and both side altars are built of wood of simple design and all enamelled in an off-white finish.

Three windows on both the east and west walls located in the upper section of the sanctuary provide natural light in this area, and a series of spot lights located in the sanctuary side of the elliptical arch separating the sanctuary from the nave, provide adequate and positive artificial illumination for the entire area.

The tester over the main altar is cantilevered from the rear wall of the sanctuary and is stencilled in a rich color pattern of blues, reds and golds. It also conceals spot lights which brilliantly illuminate the crucifix and the silk damask dossal curtain of deep red and gold tones.

The Stations of the Cross are oil paintings copied from famous European masterpieces, which are framed in flat moulded wood members enamelled in an off-white finish. These wood frames and crucifixes recall the general form of the main facade of the church.

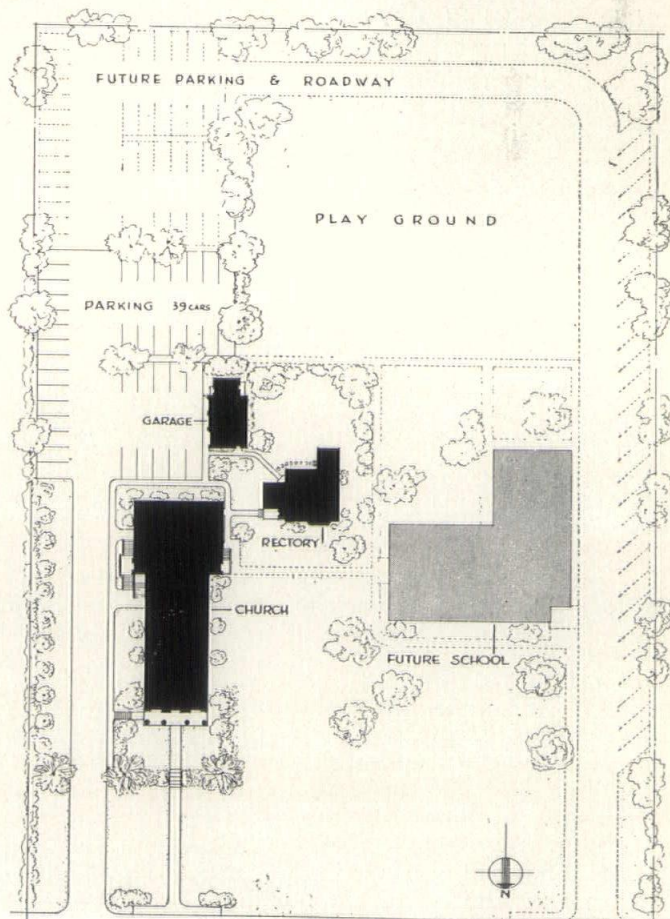
The priest's sacristy is located on the right side of the sanctuary and is approximately 12' x 22', with a direct connecting corridor at the rear of the sanctuary to the boys' sacristy.

The entire ground floor area is heated by a radiant type hot water system with all heating pipes installed in the ground

(Continued on page 24)



The interior of St. Francis of Assisi Church is inspiring in its simplicity and beauty. The high altar, side altars, the Stations and all of the interior fittings are in harmony.



The plot plan shown above indicates the thought given to requirements for the future development of the parish.



# THE OCTAGON TO BECOME RECEPTION BUILDING

One of Washington's most storied mansions, the hundred and fifty year old Octagon, 1741 New York Avenue, N.W., after a half century's service will no longer carry the full burden of being the home of The American Institute of Architects.

The Institute's headquarters will expand into its more modern Administration Building at 1735 New York Avenue, N.W., on the east portion of the Octagon property. Although this building was erected just before the war, its use was requested by the State Department immediately upon completion and it has been under lease since 1941. The outgoing occupant is the Inter-American Defense Board.

"The Octagon, after a half century's use as the main headquarters of The American Institute of Architects, is to be redecorated and refurbished for use as the reception part of The Octagon property," Ralph Walker, New York, President of the A.I.A., announced.

"The American Institute of Architects, the earliest of the professional societies to make its home in Washington, has long desired to release The Octagon from its humdrum office use and restore it to the gracious possibilities inherent within it. The beautiful box garden which connects The Octagon with the Administration Building is also being redesigned to enhance this purpose."

Built in the years 1798-1800, as one of the most splendid houses of the nation's new Capital, The Octagon was rescued from a disreputable state a century later. It had become a slum-like dwelling for several families and a storehouse for rags and rubbish. Apparently, its decline from riches to rags had been hastened by legends of a rather heavy traffic of ghosts out of its colorful past.

The American Institute of Architects, then forty years old restored the building to its original character in 1898, and it has been so maintained for the last fifty years.

The Octagon was built by Colonel John Tayloe of Mt. Airy, Va., a close friend of George Washington and, with an income of \$75,000 a year, one of the wealthiest men of his time. Colonel Tayloe had intended to build his winter residence in Philadelphia, but, according to the memoirs of his son, Benjamin Ogle Tayloe, General Washington persuaded him to choose "Washington City."

General Washington took a "sidewalk superintendent's" interest in the building, watching it from horseback, on his journeys to Washington during 1798 and 1799. He died before its completion but at least three other presidents slept, dined or danced in "Octagon House," as it was known in its first century of existence.

The architect was Dr. William Thornton, who had been appointed by President Washington in 1794 to survey "the district or territory accepted for the permanent seat of the government." As one of three commissioners, he had charge of executing the plan for the city. Dr. Thornton also was the successful competitor for the design of the United States Capitol; designed buildings for the University of Virginia at the request of Thomas Jefferson; and was the architect of buildings for General Washington; of Montpelier, the summer residence of President Madison; and of Tudor Place in Georgetown.

The Octagon was temporary White House for more than a year, following the burning of the White House in 1814. President James Madison signed the ratification of the Treaty of Ghent, ending the war with Great

Britain, in the circular room on the second floor on February 17, 1815.

The revolving table used for the occasion now stands in the same room, although it has been across the continent and back. It was sold in 1897 by a member of the Tayloe family to a San Francisco purchaser, was saved from the earthquake and fire of 1906, and was purchased for \$1,000 by the San Francisco Chapter of The American Institute of Architects and returned to Washington in 1911.

Until Colonel Tayloe's death in 1828, The Octagon was a center of elaborate social activity. Those who crossed the portals included Madison, Monroe, John Quincy Adams, Jefferson, Webster, Clay, Calhoun, Porter, Decatur, Lafayette, John Randolph of Roanoke, Baron von Steuben, and Sir Edward Thornton, the British minister.

The Tayloes intermarried with the Corbins, the Lees, the Washingtons, the Carters, the Pages, and many other prominent families of Virginia.

In its early days, the mansion reportedly had two secret tunnels, one leading to the White House, a little more than two blocks away, and one to the Potomac or to the canal, then only a short distance. One report credits Dolly Madison with responsibility for the secret passageway to the White House—if there was one.

Leading into the back hall are two "secret" doors, rounded symmetrically into the circular walls and originally having no keyholes, hinges, or openings showing on the blind side. A concealed stairway in the rear of the building, extending from basement to the third floor, was another feature which added to the effective dramatic props for the phantom tales which came to be associated with the house in the latter half of the 19th century.

The most popular ghost story was that one of the Tayloe daughters had thrown herself down the back stair well because of thwarted love for a British officer, and that her spirit returned on stormy nights. Another was that the spirit of the mansion's departed greatness returned at the witching hours with the sound of silver and clink of glasses, the arrival of phantom coaches bearing grandly dressed men and women, and other accompaniments of splendid company being wine and dined. A newspaper account of the 1880's stated that a dozen men spent a night in the house and were rewarded with feminine screams, the clanking of sabres, and tramping footfalls.

The mansion was used as a setting for at least two novels of the 19th century.

During the Civil War, the property was used as a hospital for Union soldiers. From 1866 to 1879, it was used for the Government's hydrographic office. It was also used for a Catholic girls' school, as a drafting office, and as a dwelling unit and studio.

When a committee of architects inspected the building in 1896, they found rags and junk in piles six feet high in the drawing-room. It was occupied by eight or ten families.

"The mantels were masses of dirt, and the house, to those who did not appreciate its beauty, might have been considered a wreck," reported the late Glenn Brown, for many years secretary of the A.I.A. "But, curiously as it may appear, the only material damage to the house was the incrustated dirt on the mantels and a few missing plaster ornaments."

*(Continued on page 27)*



## ARCHITECTURAL DOLLAR BEST INVESTMENT

By MYRON L. MATTHEWS

Vice-President, The Dow Service, Inc., 420 Lexington Ave., New York 17

The cost of architectural and engineering services in the design of buildings and their supervision while under construction, together with the management of the erection process by a reputable building contractor, is today the best insurance to the owner of getting a quality building money can buy. Too often, to the owner's later sorrow, one or the other, or both the services of these professional and practical construction experts are dispensed with in the name of economy. Immediate economy of a small part of the full cost of buildings (which are long-term investments for somebody)—even in the case of speculative units—usually turns out to have been a false temporary economy interfering with rentability, resale and refinancing at a future date. Often have owners been heard to remark in such a situation, "If I had it to do over again, the architect or engineer with the contractor, would have complete charge."

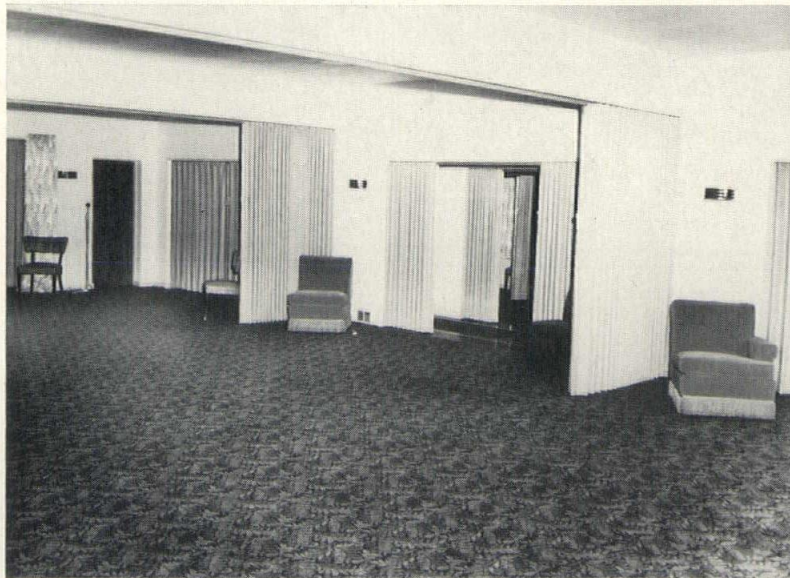
The money the architect can get from his customary designing commission is hard earned. It amounts to about what the lender of mortgage money used to get for the use of his money. The owner who paid this without thought of evasion, skips the architect, thereby jeopardizing the soundness of the entire venture. The lender is placing a growing emphasis upon this point and many banks today will not lend a nickel unless a competent architect or engineer is employed along with a good contractor. For this reason owners omitting architectural services today may tomorrow find serious refinancing troubles as a result.

Now what does the architect have to do to earn his designing and supervision fee and what does he do with

the money thus earned? He must provide an adequate office, maintain a sufficient staff, originate and produce sound plans and attractive designs, maintain contact with clients on work under construction, perform a complicated buying function and an equally complex superintendence function, keep informed of new trends in design, construction, materials and treatments, squeeze out time somewhere to influence new assignments into his office, and continuously keep such an eagle eye on his costs that he can accomplish all the foregoing within the fixed and narrow margin of a small percentage, 6 to 10%, of the total cost of the work entrusted to him—the sum total obviously constituting a big league problem in business management. It is true, of course, that in some large metropolitan architectural offices, various functions are divided and allotted to specific individuals. In such offices the material or equipment salesman may never reach or see a member of the firm. Instead he will see the firm's specialist on his particular subject. Of the approximately 6,000 to 8,000 active architectural offices in the United States only a few rank in this classification. The great bulk, in the point of numbers, is made up of those in which the principals are active in all phases of the work, or in which one partner is responsible for the artistic performance of the office, another for engineering and technical superintendence and the third for organization, management and new business. Sometimes this is done by two partners and sometimes by one.

Take the progress of a small project through a one-man office. The job we will say, is an office building or a factory, to cost \$40,000. The architect's gross income is \$2,400 or \$4,000, depending on his customary percentage. Here is what he does to earn it. First, it costs him something in personal time to get the business, and per-

*(Continued on page 25)*



MODERNFOLD Doors as used in a Funeral Home

## MODERNFOLD DOORS • WALLS

SPECIFIED BY LEADING ARCHITECTS

### *Some Installations*

MALLORY MEMORIAL HOME, Garrettsville, Ohio  
Architect—Harold H. Hunter, Warren, Ohio

GOLUBSKI FUNERAL HOME, Cleveland, Ohio  
Architects—Metzer & Wills, Cleveland, Ohio

BENNETT FUNERAL HOME, Toledo, Ohio

BARNHART FUNERAL HOME, Findlay, Ohio

### **Exclusive Installing Distributors**

**MODERNFOLD DOOR CO.**

67 N. Washington St.  
COLUMBUS, OHIO  
FL. 2347

**NEO SALES, INC.**

781 The Arcade  
CLEVELAND, OHIO  
MA. 0902

**ADAM LOOS CO.**

45 South Erie St.  
TOLEDO, OHIO  
AD. 4211

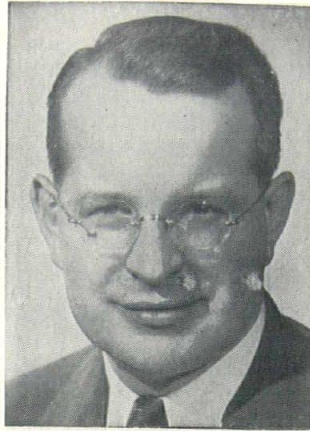


## THE SECRETARY'S COLUMN

Architects are reminded that candidates for the next Ohio Legislature must file their petitions for office prior to February 1. While we aren't suggesting that any fellow practitioners close their offices to enter the political ring, we do feel that the support of a candidate of either party will help the position of architects generally if we again seek improvement of laws affecting our profession and the construction industry generally.

Once a noted Mormon was asked if members of his faith were Democrats or Republican. "We are both," he replied, "and we always manage to elect Mormons, no matter which party is in power." Let's take a more active interest in our local candidates so that they will know at least one member of our profession personally before they take the oath in Columbus.

We have been writing about a forthcoming School-Architect conference to be held in Columbus this month. Late in December these plans were cancelled when Mr. Tom Holy, Director of the Ohio State University Bureau of Educational Research took a six months leave of absence to make a state-wide survey of educational needs in the State of Oregon. The sponsors



John W. Hargrave

of such a conference are now planning for one to be held in the fall of 1950.

Just after Uncle Sam has taken your last loose penny, national, state and chapter dues for the A.I.A. will be in the mails. Trying to adjust the fiscal year so as to catch an architect with spare change in his jeans is something which has been considered, but others have had the same thought, too, such as the Red Cross, Community Chest, state tax experts, and so poor Jim Teesquare might as well accept his bills at one time as well as any other.

Have you noticed how much more literature is coming in these days about both old and new products? In that respect, at least, the war seems to have ended, and we can again return to our roll of determining quality of building product instead of coordinating gleanings from jumbled stockpiles. This year promises much in construction, and we trust that architects may be able to consolidate their gains and become firmly established in their respective practices.

### PHOTOGRAPHS REQUESTED

Glossy print photos of outstanding architectural work by Ohio Architects, suitable for the cover and page six of "*Ohio Architect*" are requested by the editor. Proper descriptive information should accompany the photographs and the material furnished will be returned in the same condition as received if so requested. Here is an opportunity for Ohio Architects to receive recognition for work well done. Mail to "*Ohio Architect*," 6523 Euclid Ave., Cleveland, Ohio

*New Capillary Action in* **KILNOISE ACOUSTICAL TILE**  
*gives ideal sound-conditioning*

HIGH SOUND-REDUCTION

UNRIVALLED BEAUTY

COMPLETE FIRE-SAFETY

MOISTURE-RESISTANCE

EASE OF MAINTENANCE



# KILNOISE

THE KELLEY ISLAND LIME & TRANSPORT CO., 1122 LEADER BLDG., CLEVELAND 14, OHIO



## "BUILDING WITH WEATHER" CONFERENCE

Advantages of designing buildings "with the weather" will be stressed by architects participating in a Research Correlation Conference on "Weather and the Building Industry," to be held by the Building Research Advisory Board in Washington January 11-12.

A balanced utilization of natural forces and mechanical equipment in the design of shelter and good living conditions will be discussed by some of the participants in a round-table discussion on climate related to design at an evening session January 11, according to Walter A. Taylor, who will be moderator and who is Director of the Department of Education and Research of the American Institute of Architects and a member of BRAB.

"Work already done in putting climate to work for buildings, with the use of mechanical equipment in a supplemental role, will be presented. A basic aim is to



**NEW ANGLE ON SUN:** This gadget simplifies determination of overhang and building orientation for solar buildings.

define the kind of weather information needed for such design and possible use of a great fund of weather data that is available but has not yet been put in usable form for this purpose," Mr. Taylor said.

Dr. L. P. Herrington, well-known physiologist of Yale University, will take part in the discussion with the following members of the A.I.A.: William B. Caudill, College Station, Texas; Robert W. Cutler, New York; Carl Koch, Cambridge, Mass.; Alfred E. Parker, Miami; and Buford L. Pickins, New Orleans.

James M. Fitch, architect, architectural editor of "House Beautiful" magazine, will report on the climate control project sponsored by the magazine for design of homes. Dr. Ralph Linton of Yale University will speak on human reactions to climate.

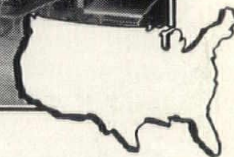
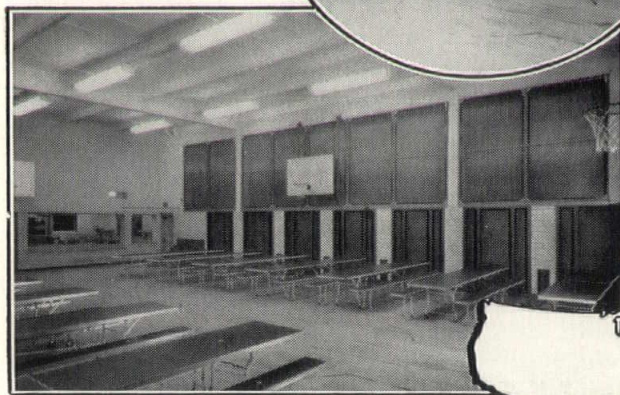
In addition to architectural designs in relation to climate, three other major discussion topics will be considered at the conference, with the objective of greater use of weather science in research for construction, materials, and equipment.

Climatological research will provide the basic subject matter of the conference at the opening sessions January 11. Speakers will be Dr. Paul Siple, military geographer of the U. S. Army General Staff; Dr. Helmut E. Landsberg, executive director of the Committee on Geophysics and Geography, Research and Development Board; Ar-

(Continued on page 26)

# Save Space

**Gymnasium  
To Lunchroom  
in 8 minutes**



## FROM COAST to COAST IN-WALL TABLES and BENCHES ARE CUTTING BUILDING COSTS

### IN NEW CONSTRUCTION AND REMODELING

● Multiple use of space means economy. Hundreds of schools in cities from coast to coast now use and testify to the practical advantages of In-Wall installations—seat more students in less space, maintain better discipline, eliminate storage areas.

For information see your Ohio representative or write direct.

**SCHIEBER  
MANUFACTURING CO.**

12740 Burt Rd., Detroit 23, Michigan

#### Ohio Representatives:

**HOWARD BUILDERS  
SERVICE CO.**

35 W. Mound St.  
Columbus, Ohio

**WM. S. IBOLD & CO.**

626 Broadway  
Cincinnati 2, Ohio

**ADAM LOOS CO.**

145 South Erie St.  
Toledo 2, Ohio

**TRI-STATE SUPPLY CO.**

Canfield, Ohio

**SCHIEBER  
In-wall**

**FOLDING TABLES & BENCHES**



## NATIONAL SURVEY UNDERTAKEN

A national survey of architectural education, internship and registration has been started as a major project of The American Institute of Architects.

The Institute's newly-appointed Commission on Education and Registration, under the chairmanship of Dr. Edwin S. Burdell, Director of the Cooper Union, New York, met recently at the University of Illinois to organize its work on the survey.

Described as an appraisal of the problems and responsibilities of the A.I.A. in the fields of professional education and license to practice, the national study will provide facts on existing educational patterns, training procedures, registration requirements, and many related topics. The Commission is expected to require at least a year for its comprehensive fact-finding work and will make general recommendations on the basis of its findings.

Architectural schools, registration boards and practicing architects are evenly represented on the Commission. Its members are: (for the schools) B. Kenneth Johnstone, Pittsburgh, Pa.; Turpin C. Bannister, Urbana, Ill.; and Sidney W. Little, Eugene Oregon; (for the practitioners) Ernest J. Kump, San Francisco, Calif.; Walter H. Kilham, Jr., New York City; and Walter T. Rolfe, Houston, Texas; (for the registration boards) Clinton H. Cowgill, Blackburg, Va.; George Bain Cummings, Binghamton, N. Y., and Fred L. Markham, Provo, Utah; and Roy C. Jones, Minneapolis, for the National Architectural Accrediting Board. All members of the Commission are members of the A.I.A., with the exception of the chairman, Dr. Burdell, who is a well-known educator.

The survey has been undertaken as the result of a report made earlier this year by Ralph Walker, New York, President of the A.I.A.

"All the standards related to architectural education and registration should be as uniform as possible throughout the nation, permitting, however, that freedom of flexibility to develop which enables a profession to become progressively competent under changing conditions and inventive ideas," Mr. Walker said.

Mr. Walker and Walter A. Taylor, Director of Education and Research of the A.I.A., met with the Commission at its first sessions.

## TEN BILLION FOR AUTOS; EIGHT BILLION FOR HOMES

There is a direct challenge to the building industry in the fact that Americans last year spent nearly 10 billion dollars for new automobiles, but only eight billion for new homes, including both land and utilities, in the opinion of Charles M. Mortensen, executive secretary of the Producers' Council, national organization of building products manufacturers.

There will be no decline in the number of new homes built in 1950 provided the building industry will merchandise their product aggressively, in his opinion.

"Although the formation of new families is declining, consumer buying power remains at a high level and at least seven million families are living in homes which are more than 50 years old and lack the comforts and conveniences of modern houses," he said.

"The big job which confronts the building industry this year is to sell owners and occupants of old and obsolete homes on the better living and better values inherent in present day houses.

"There has been altogether too much disposition to offer new homes only to those who enter the market out of necessity, despite the fact that there are millions of other families who could be induced to buy up-to-date homes if the industry was as vigorous in merchandising its product as the automotive industry.

"Although it is of course true that the down payment on a new home usually is larger than that required for purchase of a new automobile, that part of the public which has been content to live in obsolete housing could easily be induced to assemble the amount needed to purchase a new home if the building industry would really set out to create the desire."

Mortensen charged that the task for stepping up the demand for an appreciation of new homes is the joint responsibility of every segment of the building industry. The drop in home building which has been rather widely forecast for 1950 will not occur if everyone concerned with building rises to the challenge, he said.

*"I got up at dawn to see the sun rise," boasted a tourist. "Well," commended his friend, "you couldn't have picked a better time!"*

# SPECIAL MILL WORK

*Five Convenient Locations in Northern Ohio*

CARTER-JONES LBR. CO.

172 N. Case Ave.

AKRON O.

WOOSTER LBR. CO.

Opp. Fairgrounds

WOOSTER, O.

CARTER-CHRISTENSON LBR. CO.

1047 Tuscarawas Ave.

DOVER, O.

ASHLAND COUNTY LBR. CO.

601 Miller St.

ASHLAND, O.

ERIE COUNTY LBR. CO.

1505 Milan Rd.

SANDUSKY, O.

**COMPLETE SERVICE IN ALL BUILDING MATERIALS**



## WHAT DOES ARCHITECTURAL ORGANIZATION MEAN TO YOU?

An editorial from the Bulletin of the New Jersey Chapter, A.I.A. and New Jersey Society of Architects

Since life first stirred on this terrestrial ball animals and humans have shown a gregarious instinct to run in packs for protection, for efficiency resulting from group action, and for companionship. "Society" as a generic term has resulted from this characteristic. Regulation of action by and for the individual for the greatest good of the majority has been found necessary to maintain this society; "lone wolf" has become an accepted term for the non-conformist running alone, eking out an existence frequently at variance with the laws of the society. Ethics have supplemented laws in guiding the conduct of the individual in his relations with others.

Many centuries of organization have brought us a long way from the law of the jungle, but unfortunately, even today, the veneer of civilization is quickly shed by some in periods of individual or mass hardship or imagined hardship. In such cases group regulation, education and influence is required to maintain the codes and standards which have developed and been found necessary to protect the economic future of the various elements in the social scheme. Organization is the balance wheel of civilization; without it society would disintegrate.

The democratic pattern or organization, in theory, recognizes control by the majority for the good of the majority. In practice, this objective is assured only when the majority asserts its prerogatives by reasonably regular attendance at meetings of the organization, the expression of its views at such meetings and by exercising its privilege to vote on controversial matters. When individuals neglect these privileges they sacrifice their right to criticize the determinations of those who, by their activity, guide the destinies of the organization.

The New Jersey Society of Architects represents the whole field of architectural practitioners in the State, and every registered architect practicing or resident in the State is eligible for membership. Occupying this position the responsibility of the Society to the profes-

sion is a grave one. Every architect in New Jersey has a stake in its accomplishments. This implies a responsibility on the part of each architect to first, become an active member of the State Society through one of its local Chapters and second, to attend and participate actively in the meetings of both the local Chapter and the New Jersey Society.

The charge has sometimes been made that the Society is controlled by a small oligarchy. If there is any truth in this charge, it is only because the majority is deficient in its responsibility. The so-called oligarchy represents merely those architects who come to meetings and who work diligently as officers, directors or committee members. Membership in it is denied no one who is willing to become active in its councils.

Individual initiative can accomplish little in strengthening the architect's position in the social scheme unless that effort is directed through the channels of organization. It is time for each architect to determine, for his own interest, what efforts he is willing to make in this direction. If he remains organizationally inert, he has no one but himself to blame if the profession does not attain and maintain the proud position of leadership to which it is entitled in the social and economic picture in New Jersey.

### And says the National Council of Architectural Registration Boards:

The purpose of inquiries sent out by the National Council of Architectural Registration Boards with reference to applicants for reciprocal transfer of registration credit from one state to another is to establish professional standing in the community where the applicant lives and practices his profession. It is intended to accomplish two main purposes: first, to make up a good record which can be tangibly presented, and second, to prevent practitioners who have dissipated their standing in their home communities from going to other communities and imposing on them.

Architectural societies and individuals should recognize that it is of the utmost importance to the profession that real competency shall be promoted and incompetency and dishonesty discouraged.

THE WIND IS OFF THE DESERT TODAY, SOUND REVERBERATIONS ARE ONLY HALF AS LONG AS WHEN THE WIND WAS BLOWING IN FROM THE PACIFIC !

Copyright 1946, H. A. Erf

The LENGTH of SOUND REVERBERATION IN A WEST COAST LABORATORY IS CONTROLLED BY AIR FROM THE DESERT and OCEAN !

## SOUND FACTS

You don't need to be a laboratory technician to understand our sound control analysis of noisy interiors. Call us today for a complete noise survey.

**THE H. A. ERF  
ACOUSTICAL CO.**

CLEVELAND

3868 Carnegie—EXpress 1616

COLUMBUS

TOLEDO



## MODERN BUILDING

Calls for

## MODERN HEATING

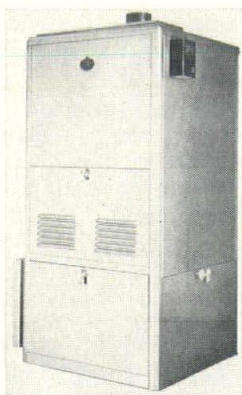
... and that calls for *The Scotch Heater*



Every COR-O-AIRE that you specify has a spectacular story of modern heating to help you plan.

Our Model 85-S-HB (High Boy) provides heated, cleaned, filtered and humidified air for complete winter air-conditioning.

Gas fired it provides more efficient utilization of heat—is sturdily built and is a distinct asset to any basement or utility room decorative scheme.



Model 85-S-HB

*Let us show you how COR-O-AIRE can aid in your building project. For information or quotation call*

## AMERICAN UTILITIES CORP.

5309 Euclid Ave. CLEVELAND EXpress 0711

## Knowledge + Facilities = SERVICE!

Let Mid-West help you keep your clients quiet with the best Acoustical Products.

★ ★ ★

SIX CONVENIENT LOCATIONS WHERE YOU MAY GET ASSISTANCE IN SELECTING THE PROPER ACOUSTICAL AND PARTITION MATERIALS

### OFFICES AND WAREHOUSES

AKRON	.....419 Locust St.	.....JE 7934
CLEVELAND	...1209 W. 69th St.	.....OL 4701
COLUMBUS	...1550 W. Mound St.	.....RA 8497
DAYTON	.....16 Eaker St.	.....MI 1643
TOLEDO	.....418 Front St.	.....TA 8285
SPRINGFIELD	..264 Dover Rd.	.....4-4503

*"Specify Mid-West for Products of the Best"*

## The Mid-West Acoustical & Supply Co.

SOUND CONDITIONING ENGINEERS & CONTRACTORS

General Offices & Warehouse: 1209 W. 69th St., Cleveland, O.

## MEMO FROM THE OCTAGON

### Public Housing Fees

Fee discussions with the P.H.A. were officially reopened last week as a result of President Walker's vigorous presentation of the architect's position before the National Association of Housing Officials in Boston November 13. It can be said that a general area of agreement has been reached on a proposal for a new method of compensation for architects participating in the public housing program. The executive committee of the A.I.A. Fees Committee, together with President Walker, will hold further meetings with P.H.A.

Dues: Increased to \$40 for members of \$5,000-plus income. No change in graded dues system. Redistricting: Washington, Oregon, Idaho and Montana compose new Northwest District. Texas becomes a District separate from Gulf States District. Alabama, from the South Atlantic District, joins Gulf States District. Virginia, from the South Atlantic District, joins Middle Atlantic District. After change in the By-laws to allow for the election of two new Regional Directors and the filing with the secretary of state of New York of a certificate to increase the A.I.A. directorate, the additional districts must then be approved by the May Convention.

*Suggested Guide to Bidding Procedure and a Standard Form of Architectural Procedure:* These were reviewed and approved, with changes recommended by the Committee on Contract Documents and previously approved by the A.G.C. They will be printed and sent to the membership promptly. *Simplified Accounting:* Approved by the Board, orders received will be filled promptly and the system can be put into effect for the 1950 accounting. The system represents much working by the Committee on Standard Accounting Methods for Architects, headed by David C. Baer, and has been tested in offices of varying size. It is expected to be especially helpful to the smaller architectural offices.

*Changes in By-laws:* Amendments to be offered for the consideration of the 1950 Convention: (1) Requirement that there shall be a President-elect who shall be Vice-President and who shall automatically become President the following year; (2) Requirement of citizenship for applicants to membership in The Institute; (3) Limitation of terms of office of Regional Directors to two years.

1953 Convention: Seattle chosen. 1952 Convention: To be held in New York City. 1951 Convention: In Chicago. Exhibits to be permitted on a restricted basis. 1950 Convention: In Washington, D. C. Post-Convention tours arranged to Williamsburg, to Bermuda by air, and to Charlottesville and the Jefferson country.

Executive Committee: Two additional meetings authorized, to be called by the President. The next meeting will be January 27-28 in Washington. Professional Liability Insurance Plan: Committee (John S. Bolles, George Bain Cummings and Regional Director Wilbur H. Tusler) appointed to report at January meeting of Executive Committee. Pension Plan for Institute Staff: Tentatively approved subject to a study of details by a special committee. Equalization of Delegates' Expenses to Conventions: Appropriation increased by two-thirds. Equalization of students' expenses continued without change. Research Expansion: Provision made for employment of an assistant to the Director of Education and Research to help with the greatly enlarged programs of the committees working with this Department.

Qualified Lists: The Board disapproved restrictive specialized lists of architects for any use whatsoever. The



Octagon: There was agreement that as much use as possible should be made of the building for suitable purposes. For the immediate future, space may be given to the National Council for Historic Sites and Buildings and to the National Architectural Accrediting Board. The Journal: A profit reported for the second time since its inception. The Bulletin: Sale of advertising rejected upon recommendation of Editor Saylor.

Student Chapter Assistance: The "Student Chapter Handbook" and the "National By-Laws Regarding Student Associates" were approved and will be distributed this month. Public Relations Counsel: No appropriation was made. Proposed National Advertising Program: No action was taken after consideration of a comprehensive report on representative costs, nationally and in local newspapers, for such a program. Unification: Milton B. McGinty was appointed to fill the unexpired term of Chairman Branson V. Gamber of the Committee on Unification. Mr. Gamber's work before his death laid the foundation for the success of the unification program in New York. A charter will shortly be issued to the New York State Association of Architects as a state organization of the A.I.A.

The Gold Medal: Awarded to Sir Patrick Abercrombie, M. A., Fellow of the Royal Institute of British Architects, in recognition of his distinguished contribution to the profession of architecture and to regional planning. Announcement of the award, to be presented at the May Convention, has been widely publicized in the United States, Great Britain and Canada. Fine Arts Medal: Awarded to Edward Steichen for his excellent work in photography. Craftsmanship Medal: Awarded to Joseph Reynolds of Boston for his skill and distinguished work in stained glass. Honorary Membership: Bestowed



Stainless Steel Entrance of E. W. Ferry Screw Products, Inc., Cleveland, Ohio. Architects and Engineers: McGeorge-Hargett and Associates. General Contractors: The Hadlock-Krill Co., Incorporated.

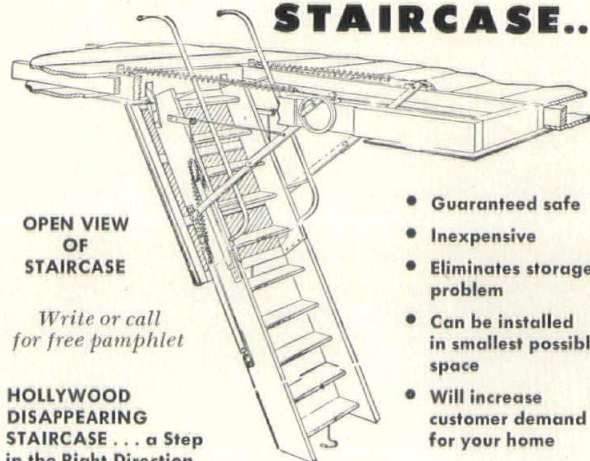
## Architectural Metal Work THE A. H. MARTY CO.

6900 UNION AVE., CLEVELAND, O.

Phone Michigan 8950

**MR. ARCHITECT:** Now you can utilize the attic space of the new ranch type homes with the

## HOLLYWOOD DISAPPEARING STAIRCASE...



OPEN VIEW  
OF  
STAIRCASE

Write or call  
for free pamphlet

HOLLYWOOD  
DISAPPEARING  
STAIRCASE... a Step  
in the Right Direction

- Guaranteed safe
- Inexpensive
- Eliminates storage problem
- Can be installed in smallest possible space
- Will increase customer demand for your home

## HOLLYWOOD SALES CO.

Sole Distributors for State of Ohio

455 HIPPODROME ANNEX — CLEVELAND 15, O.

CHerry 4739

## THE BEST WOOD GUTTER DESIGN?

*"Shadowline"*

OF COURSE!



Its moulded face gives an architectural appearance that is correct... cut from clear Douglas Fir logs it's graded to highest specifications... it's durable, has long-run economy, and adds beauty to any cornice.

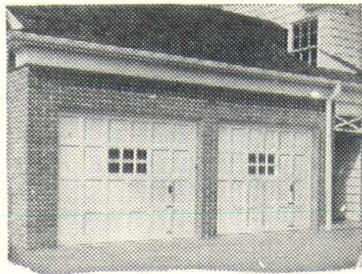
Try "Shadowline" on your next home. You will be specifying years of carefree service.

## THE LONG FIR GUTTER CO.

PHONE 93 • CADIZ, OHIO

WRITE FOR DESCRIPTIVE FOLDER BOX A-126





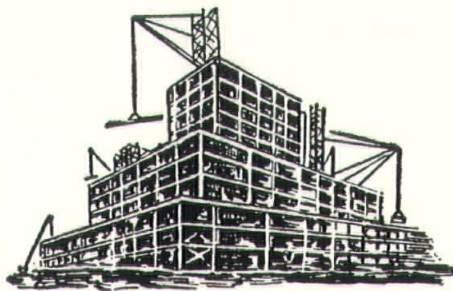
- Individually designed to match your home
- Radio control available
- "Woodlife" dipped to resist rot
- Time payment plan

## THE Crawford Door Sales Co. of Ohio

Call EXpress 7000

Visit Our New Display Room, Office and Warehouse  
2066 EAST 70th ST.

## INDUSTRIAL • COMMERCIAL GENERAL CONSTRUCTION



*Founded 1926*

**NEW CONSTRUCTION  
ALTERATIONS**

**MARK SWISHER, Inc.**  
GENERAL CONTRACTORS

1600 EAST 25th ST. TOWER 1-6630  
CLEVELAND, OHIO

upon Miss Harlean James and Francis Stuart Fitzpatrick, both of Washington, D. C.

### Housing Conference

The first conference of a program being developed by the Committee on Housing and Urban Planning is to be called, probably somewhere in the middle west, early in 1950 and promises to be a major event. Chairman Perry Coke Smith is anxious for a wide representation from the chapters. Analysis of the public housing program and of the architect's responsibility, including the technical aspects of design, will be the principal subjects of the conference. In addition to emphasizing the magnitude of the program and its challenging problems and potentialities, the conference is intended to set in motion among the A.I.A. membership an organized effort to meet the requirements of design and planning through regional study groups and evaluations of methods and procedures.

### Military Housing

Bertram E. Giesecke, A.I.A., of Austin, is chairman of the new Defense Department housing commission appointed by Defense Secretary Johnson to serve in an advisory capacity in coordinating military housing activities. Lack of uniformity in procedures by the Army, Navy, and Air Force in awarding contracts will be one of the first subjects on which the commission will make recommendations. We have been told that the commission will also look into the methods used in selection of architectural firms, since difficulties have been reported under some of the present contract procedures which, in effect, cause competition between architects working with various sponsoring groups submitting proposals for a project. The commission met in Washington.

### Public Buildings

Received were the first list of 312 Federal building projects on which site acquisition, where necessary, and plan preparation will go ahead under the \$40 million authorization for PBA planning under Public Law 105. The total authorization is expected to provide for 575 projects, at least one in each Congressional district. The first appropriation was \$12 million.

Architects are advised to wait for questionnaires which will be sent to all registered architects in the immediate areas in which the projects are to be planned. They will be sent out soon according to Supervising Architect Allan S. Thorn. While many of the projects are post offices to cost less than \$200,000, the list ranges upward to a New Orleans post office building with a cost limitation of \$14 million and a mint building in Philadelphia with a cost limitation of \$13 million. The selected projects include 190 deferred projects from the prewar planning program.

### 1950 Honor Awards

A flyer giving details on the 2nd Annual Honor Awards Program will soon be sent to all members. The Program is now being prepared by the Committee on Honor Awards and the Department of Education and Research. Designs for residential, commercial, and religious buildings will be considered in 1950.

### DAYTON CHAPTER ELECTS OFFICERS

At its annual meeting, January 5, 1950, the Dayton Chapter elected the following officers: President, John Sullivan, Jr.; Vice President, Max G. Mercer; Secretary, Eugene Wm. Betz; Treasurer, Richard R. Grant; Director, Emery J. Ohler.

The Directors who have been previously elected and will carry over are: Milton R. Williams and Harry I. Schenck.



## HOLLYWOOD DISAPPEARING STAIRCASE

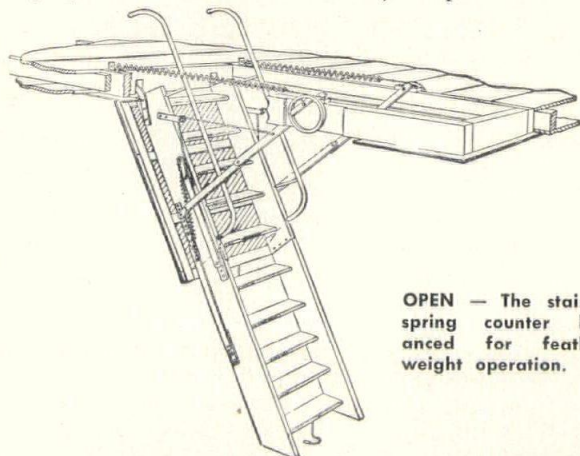
The Hollywood Sales Company, 455 Hippodrome Annex in Cleveland has been named sole Ohio distributor for the Hollywood Disappearing Staircase.

This information should be of particular interest to architects because this specially designed staircase is



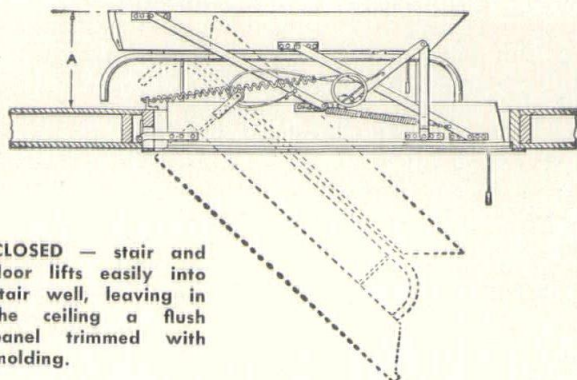
Henry Lefkowitz, President, and Robert Keller, Vice President, The Hollywood Sales Co.

ideal for ranch type homes where there is a storage problem. It can be installed in the hall, porch, bedroom or kitchen and its use will make a marvelous storage room, den, playroom, bedroom or hobby shop out of the attic



OPEN — The stair is spring counter balanced for feather-weight operation.

which is usually not utilized. It is also suitable for commercial installations and special installations can be made if requested.



CLOSED — stair and door lifts easily into stair well, leaving in the ceiling a flush panel trimmed with molding.

The staircase comes as wide as thirty inches and is constructed of select clear pine with treads neatly mortised and securely fastened with wood screws. Roller

ARCHITECT

## for DISTINCTIVE METAL WORK ALUMINUM • BRONZE • STAINLESS STEEL



### SPECIFY RELIANCE PRODUCTS

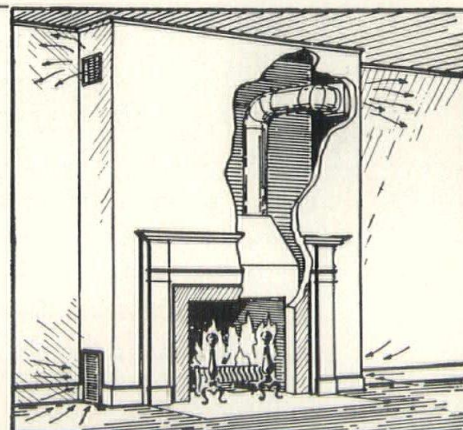
By



Craftsmen

*The Reliance Art Metal Co.*  
593-601 W. McMicken Cincinnati 14, Ohio

## HEATING PLANT & FIREPLACE



## The Donley HEATSAVER

The Donley Heatsaver Fireplace brings the comfort of circulated heat, solving the whole heating problem for homes of moderate size in raw, chilly weather — combining the features of a small furnace with the charm of an open flame . . . Your client will appreciate the security of a Heatsaver to supplement his other heating plant. When power lines fail, shutting off gas or oil burners, or when gas fails, the Heatsaver heats generously with coal, wood, coke or trash . . . It adds heat in extreme weather and economical heat in days of moderate chill.

Refer to our 20-page catalog in Sweet's (Sec. 28 g5) or a copy will be sent on request.

**THE DONLEY BROTHERS COMPANY**  
13972 MILES AVENUE, CLEVELAND 5, OHIO



## THE A. G. STAFFORD CO.

ORNAMENTAL IRON, SHEET METAL  
AND BUILT-UP ROOFING CONTRACTORS



Phone 2-0450 CANTON, OHIO 2006 Allen Ave. S.E.

## THE MEDAL BRICK & TILE CO.

"SINCE 1872"

Face Brick and Common Brick

ALSO

"AGECROST OLDSTYLE"

*The Architect's brick*

WOOSTER, OHIO

PHONE 127

## P. F. WILLIAMS CO., Inc.

TEMPERATURE CONTROL  
CONSULTANTS AND ENGINEERS

ROCKWOOL — FIBERGLASS  
ALUMINUM REFLECTIVE INSULATION  
KITCHEN FANS — PHILCO ROOM COOLERS

— IN OUR 26th YEAR —

CALL OR MAIL PLANS FOR FREE ESTIMATES

EV. 9547

1018 E. Livingston Ave.

Columbus 5, Ohio

## THE KUHLMAN BUILDERS SUPPLY & BRICK COMPANY

919 NICHOLAS BLDG.  
TOLEDO, OHIO

bearings eliminate friction and four oil-tempered springs provide counterbalance. In addition, there are two handsome, strong steel tubing hand rails for safety. The unit weighs approximately 125 pounds. Molding, which is cut to size, is furnished with stair for casing door opening.

The unit is constructed on the theory of overhead doors in that counter springs and arms are used for lifting mechanisms. The stair needs no space other than the actual opening in the attic thereby making it the only stair applicable to the low headroom gables in ranch homes that are so popular today. The folding action utilizes this space whereby sliding action would interfere with the rafters.

The Hollywood Stairway is inexpensive and guaranteed safe. It is delivered fully assembled and can be installed in a few hours in the smallest possible space. It will accommodate a ceiling seven to eleven feet high.

According to reports from Southwestern United States where this unit is manufactured, 90% of the ranch type homes now being constructed are incorporating a staircase in building plans; thus, it is easy to see that the installation of this staircase is highly desirable and will definitely make the home more attractive to the consumer.

Mr. Henry Lefkowitz and Mr. Robert Keller, both with a wide background in the building field are president and vice president, respectively of the company.

If any further information is desired on the Hollywood Disappearing Staircase, call CHerry 4793 or drop a card to the company office and a brochure containing complete information will be forwarded to you.

## CLEVELAND CHAPTER NEWS

Eric Mendelsohn

For its January meeting, on Monday, January 30 (note change from January 25th), the Cleveland Chapter will have as its guest speaker one of the great pioneers of Modern Architecture. Eric Mendelsohn has produced a large volume of important work in Germany, Palestine, Russia, England and America, highlighted by such landmarks as the free-flowing Einstein Tower at Potsdam, and the Schocken Department Store, whose semi-circular glass stair towers had prototypes on the drafting boards of most United States architectural students for years. Like his noted European contemporaries—Gropius, Le Corbusier, Van der Rohe, Neutra—Mendelsohn's influence on his profession has been tremendous, particularly in the imaginative and sculptural sense of form.

Mr. Mendelsohn currently has projects of community centers and temples in St. Louis, Baltimore, Washington, and of course the Park Synagogue in Cleveland, now nearing completion on Mayfield Road, and done in association with Charles Colman of Cleveland. Mr. Mendelsohn's office is in San Francisco, where he is also teaching Design. His Cleveland talk will be an illustrated review of his work and design philosophy, which should prove of great interest in terms of today's trends as well as the whole background of Contemporary Architecture.

The dinner meeting will be in the Ballroom of the Hotel Allerton at 6:30 P. M. on Monday evening, January 30th. Tickets are \$3.00, with special student rate of \$1.50.

*Boss to voluptuous secretary: "Take the afternoon off, Miss Lovett—I want to think."*



## EASTERN OHIO CHAPTER NEWS

The Architects of Warren headed by Arthur Sidells did a bang up good job, with the help of their ladies, in furnishing a Christmas Party for Eastern Ohio Architects and their guests. There were sixty-four gentlemen and ladies present and Charlie Marr of New Philadelphia carried off the honors for having the most present from any one office. It was determined (at an informal meeting of the Architects present) to permit Charlie Marr to organize a bowling team and further, that from his own pocket to procure and pay for such shirts and other paraphernalia as may seem adequate with the stipulation that said shirts or substitute shall bear the name of the Architect in question, said letters not to be less than 4½" high and further that the ladies of the team shall wear the letters on the fronts of their shirts or substitutes therefore. A lot of fun was had by all. The next bimonthly meeting will be held in Akron, Ohio the latter part of February.

At the business meeting, the following officers were elected and installed for 1950:

President, Russell Roller, RR2, Alliance, Ohio; Vice-President, George M. Foulks, 625 Twelfth Street, N. W., Canton, Ohio; Secretary, E. W. Dykes, 125 Valleyview Avenue, N. W., Canton, Ohio; Treasurer, Richard E. Lawrence, 125 Valleyview Avenue, N. W., Canton, Ohio; New Director to 1953: Charles F. Steiner, Jr., 3871 Homewood Avenue, S. E., Warren, Ohio. Holdover Director to 1952: John H. Samuels, Youngstown, Ohio. Holdover Director to 1951: Laurence J. Motter, 1412 Cleveland Avenue, N. W., Canton, Ohio.

At a meeting held at Alliance, Ohio with the members of the Executive board in attendance, the chairmen and members of standing and special committees were selected and lists of the same are being sent to the chairmen.

The Executive board approved the selection of E. W. Dykes to take over the position of Associate Editor for Eastern Ohio on the "Ohio Architect," in place of the incumbent.

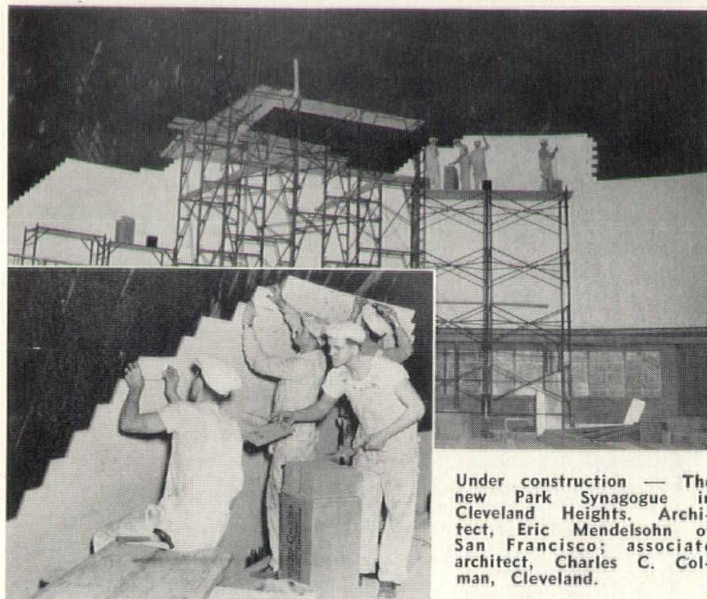
## TOLEDO CHAPTER ELECTS OFFICERS

At the December meeting of the Toledo Chapter, American Institute of Architects, John P. Macelwane, associate member of the architectural firm of Britsch & Munger, was elected President of the Chapter for the coming year.

The complete list of officers elected by the Toledo Chapter, A.I.A. for 1950 is as follows: President, John P. Macelwane, 531 Nicholas Building, Toledo, Ohio; Vice-President, M. DeWitt Grow, 4125 Monroe Street, Toledo, Ohio; Secretary, Herman H. Feldstein, 305 Spit-

zer Building, Toledo, Ohio; Treasurer, Stephen M. Jokel, 905 Jefferson Ave., Toledo, Ohio; Board of Directors, Michael B. O'Shea (Term expires Dec. 31, 1950); Newton F. Marvin, (Term expires Dec. 31, 1951); Willis A. Vogel (Term expires Dec. 31, 1951); Director, Architects Society of Ohio, John P. Macelwane; Alt. Director, Architects Society of Ohio, M. DeWitt Grow; Representative to Toledo Technical Council, Harry L. Smith; Alternate Representative to Toledo Technical Council, Byron F. Killinger.

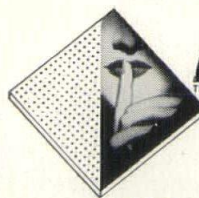
The newly elected President commented briefly on the advance of the Architectural Profession in the field of public relations during recent years and urged upon the Chapter their responsibility for furthering public confidence in sound and ethical architectural services, both as a safeguard against faulty and dangerous construction practices and as a real and essential service to the individual and the community.



Under construction — The new Park Synagogue in Cleveland Heights. Architect, Eric Mendelsohn of San Francisco; associate architect, Charles C. Colman, Cleveland.

## The George P. Little Company, Inc.

Cleveland • Pittsburgh  
Akron • Columbus • Toledo



**ACOUSTI-CELOTEX**  
TRADE MARK REG. U. S. PAT. OFF.

*Sound Conditioning*

PRODUCTS FOR EVERY SOUND CONDITIONING PROBLEM



## INFRA INSULATION

is America's fastest growing "specification." There are 19 good reasons — ASK FOR THEM!

*Meet Your INFRA Distributor . . .  
he is a Good Man to know in:*

**HE** has the product that gives your buildings the very highest thermal values in winter and summer . . . and tames the "Moisture Monster" too.

**INFRA** Accordion-folded **MULTI-FOIL** Aluminum Insulation "can't be beat" in performance **OR** installed cost. There is a type for every job and budget, from a home to a skyscraper; from a wind tunnel (U. S. Bureau of Standards) to a retort oven!

**AKRON**  
**GLOVER MFG. & SALES CO.**  
1452 Kenmore Blvd. SHerwood 2814

**CINCINNATI**  
**R. E. KRAMIG & CO.**  
222 East 14 St. WH. 7890

**CLEVELAND**  
**LUMILAND DIST. CO.**  
2216 Wooster Road EDison 3252

**TOLEDO**  
**HOLLEY RESERVE SUPPLY CO.**  
3058 Monroe St. ADams 7158



## The Warner Elevator Mfg. Co.

CINCINNATI, OHIO

Kirby 5300

### BRANCHES IN OHIO

#### COLUMBUS

938 Cleveland Ave.....Klondike 1601

#### CLEVELAND

2026 E. 22nd St.....PRespect 5176

#### DAYTON

605 East 5th St.....FulTon 9901

— SINCE 1860 —

## THE MELBOURNE BROTHERS CONSTRUCTION COMPANY

GENERAL CONTRACTORS  
and BUILDERS

Schools, Hospitals  
Office & Industrial Buildings

308 MELLETT BLDG.

PHONE 3-2786

CANTON 2, OHIO

## Ornamental Iron

Handsomely designed wrought iron to enhance the beauty of residential and commercial architecture, interior and exterior. Stock and special designs. Also residential and commercial FENCE of all types, cellar doors, gratings, railings, etc. Write for FREE CATALOGUE.

**The DAVIS & SIEHL Co.**

Fence & Ornamental Iron Specialists Since 1882

4032 HAMILTON AVENUE, CINCINNATI 23, OHIO

Compressor Service  
Excavating  
Drainage Work  
Crane Service  
Blading  
Dynamiting  
Parking Lots  
Bulldozing

**The LOESCH & GREEN  
CONSTRUCTION Co.**

For estimate call SH. 7770

4100 BROOKPARK RD., CLEVELAND 9, OHIO

Paving  
Grading  
Asphalt Drives  
Rolling  
Concrete Breaking  
Underground  
Conduit Construction Work

## Traditional, Contemporary and Practical

(Continued from page 11)

floor concrete slab, while the church proper is heated by convector type radiators recessed in the wall.

The rectory, located on the west side of the church is designed in an early American character to harmonize with the architecture of the church proper. The first floor of the rectory provides for the usual living accommodations, together with an office separated from the living facilities, yet easily accessible from the exterior. The second floor provides for complete accommodations for three priests and a small suite on the third floor provides the necessary living accommodations for the housekeeper.

The total cost of this development, including the church, rectory, garage and tool shed, drives, parking areas and considerable landscaping work was accomplished for approximately \$160,000.

Reprinted through Courtesy of "Church Property Administration."

## What Does An Architectural Organization Mean to You?

(Continued from page 17)

Standing in a profession is rated by the way in which a man is regarded by his professional compeers. High regard may be evidenced by direct testimony, by election to important posts, by honors conferred, or by election to membership in professional societies. Unfavorable regard may be evidenced by expulsion from societies, refusal to elect to societies, honors denied, or by direct testimony.

Professional contacts are necessary to well-rounded professional equipment. The man who neglects or refuses to identify himself with the established societies of his profession is open to the imputation of being afraid to meet his equals on common ground. Such men are very likely to be behind the times in the knowledge of current practice. The same imputation applies if they do not follow with care the material presented by the professional press.

In answering inquiries, the secretary of a society can help State registration boards to estimate an architect's standing by making one or more of the following statements:

- (1) a statement that the person referred to is or is not a member of the society in good standing;
- (2) an enumeration of any offices which he may have held in that society;
- (3) a statement as to his efficiency and faithfulness in committee work;
- (4) reference to any contributions to the professional press, and
- (5) a statement of any professional honors won.

*One big reason we can't save any money is because our neighbors are always buying things we can't afford.*

*Ginger ale—a drink that tastes like your foot feels when it's asleep.*



## SPECIALISTS IN BUILDERS' HARDWARE AND CONTRACTORS' SUPPLIES THE MIDLAND HARDWARE COMPANY

1839 EAST 18th STREET, CLEVELAND 14, OHIO

PRespect 1-6190



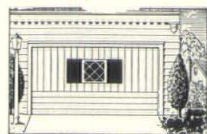
## Architect's Best Investment (Continued from page 13)

haps something more in the way of club dues, civic or social activity, entertainment, or other form of "selling overhead." Thereafter he must familiarize himself with all the requirements of his assignment. He must draw up initial plans and elevations and get them approved by the owner, maybe in the face of a building committee representing as many conflicting opinions as it has members. Then he must prepare complete specifications and detail drawings, call in contractors, supply them with copies of the blueprints and specifications, and, after a few days, receive their bids. All through the construction period he must supervise and scrutinize the various contractors' performances. He must keep a running checkup of costs in order to be able to approve the contractors' "estimates" for his client to pay. In addition, he may need to hold two or three conferences a week with his client.

The foregoing is for a commercial building. If, however, the \$40,000 job represents a residence, assuming someone wants to spend that much for a home, the proposition looks even less alluring because it quite probably entails working for a client who cannot read blueprints, knows sufficiently little about architecture to desire impossible accomplishments, and fusses and frets about the progress of construction from day to day. He writes his architect, telephones him, visits him personally—and expects his architect to sit idly by while he talks away valuable time. He wants the architect to change the design of the breakfast room so that it will accommodate a certain manufacturer's fixtures as contrasted to another manufacturer's, equally good and perhaps better, included in the specifications. He is unable to understand why it would all necessitate a structural change in the house, and cares less. Finally he does—but at the expense of his architect's time which the latter cannot tack onto his bill like the attorney or doctor, for instance. And then in a day or two it starts all over again.

Architectural design and supervision in no way should be regarded as a policing power hampering the builder in turning out a good building inexpensively, or any reflection upon his honesty and integrity. Most good builders prefer working with architects and engineers and actually are anxious to share the responsibility for final results with a supervising technician.

Some owners and builders have felt that architects and engineers sometimes cramp the style of a contractor to an extent affecting the pocketbook of the owner adversely and unnecessarily. This view is wrong and is rapidly giving way to intelligent enlightenment. More and more, greater reliance is being placed upon the



### **"Architecturally Correct" GARAGE DOORS by GRAHAM**

**Flush-Type Sectional Doors** individually designed to blend with the Architecture of the Home. Electronic Controls.

*"One-of-a-Kind" Doors at the Cost of "A Thousand Alike" Doors!*

6901  
Carnegie

**THE Graham CO.**  
CLEVELAND, O.

EXpress  
0443

# GLASS

DISTRIBUTORS OF

**LIBBEY-OWENS-FORD GLASS  
KAWNEER STORE FRONTS**



3115 BEREA RD.  
CLEVELAND, OHIO

PHONE  
ACademy 9000

## **Williams Reversible Window Provides These Advantages...**

1. **SAFETY**—All cleaning and reglazing done from the inside.
2. **CLEANING**—40 to 50 percent less time with less expensive labor, returning your investment in three to five years.
3. **VENTILATION**—Overhead in all kinds of weather.
4. **REPLACING GLASS**—All reglazing done from inside without removing sash.
5. **WEATHERTIGHT**—Can be completely weather-stripped like any ordinary window.
6. **EASY OPERATION**—Windows slide on spring rollers which compensate for shrinkage and swelling.
7. **NON-RATTLING**—Rollers keep constant jamb to jamb contact.

**THE WILLIAMS PIVOT SASH CO. Cleveland**

To eliminate your water problems  
call

**FRED J. STOVER  
PERMUTIT**

*Water Softeners — Filters*

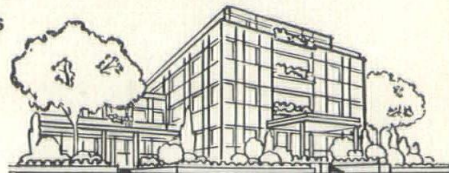
FREE WATER ANALYSIS  
EXPERIENCED WATER SPECIALIST

1836 EUCLID AVE. CLEVELAND MAin 5842

## **ROEDIGER CONSTRUCTION INC.**

*General Contractors*

- ★ New Buildings
- ★ Additions
- ★ Alterations



TOWer 1-8080 1737 Euclid Ave.  
CLEVELAND, OHIO



## MOORE & GLASS

### Engineering Sales

REPRESENTING

CRITTALL, INC.

MACOMBER, INC.

MOESCHL-EDWARDS CO.

STERLING WINDOWS, INC.

WILLIAMSBURG STEEL PRODUCTS

KEnmore 7443

18609 ST. CLAIR AVE. CLEVELAND 10, OHIO

### Stake your reputation with

#### **"NAPANEE" Kitchen Equipment**

By far the finest, most extensive Custom Line. Beautifully styled — of superior quality and value.

For the asking — our years of experience in the kitchen equipment and construction fields are at your service . . . just telephone

#### **L. W. RAYMOND**

2612 Ashton Road FA 4295 Cleveland Heights, Ohio

## FACE BRICK

FLOOR BRICK CHEMICAL BRICK

STRUCTURAL FACING TILE

CERAMIC GLAZED BRICK and TILE

TERRA COTTA

Pittsburgh-Corning Glass Block

### The Kemper-Ulery Brick Co.

Auditorium Bldg. PProspect 2898 Cleveland, O.

## Liberty Printcraft

QUALITY COMMERCIAL PRINTERS  
6523 EUCLID AVE. • EX 8700 • CLEVELAND 3

PRINTERS OF THE

**Ohio Architect**

architect by both owner and contractor. Contractors show increased confidence that the architect must in his central position guard both the owner's interest as well as the contractor's, not to mention his own. Then, too, to a growing degree, banks are taking direct interest in buildings under construction in which they are financially interested.

All of this may bring up a natural question in the owner's mind. With bank supervision, or FHA supervision, or supervision of a reputable builder, "why do I need architectural supervision?" The answer lies in the fact that the supervision of a bank or FHA is primarily in their own interest and not in the owner's interest except insofar as their interests are the same. From a practical point of view this isn't "very far." Furthermore, the so-called supervision of banks and FHA while an admirable advance in the right direction can hardly be classified as more than superficial. Contractors prefer to work with an architect because their two separate functions are not competitive. One does not encroach upon the other. They go together like twins. The architect is the owner's expert designer, supervisor and general arbitrator and coordinator. The percentage he gets may well be the most value per dollar an owner receives.

### "Building With Weather" Conference

(Continued from page 15)

nold Court, Environmental Protection Section of the Quartermaster Corps; Francis W. Reichfelderfer, Chief of the United States Weather Bureau; Dr. Werner A. Baun of Florida State University; Sigmund Fritz, U. S. Weather Bureau; Dr. W. C. Jacobs, Air Weather Service; and Dr. C. W. Thornthwaite of John Hopkins University Laboratory of Climatology.

Leaders in research in materials will present papers at the afternoon session January 11, and experts in mechanical systems will conduct the closing morning session January 12.

Moderators for the panel discussions in each field are members of BRAB. They are Thomas H. Urdahl, consulting engineer, Washington, D. C.; Wallace Waterfall, Director of Research, Celotex Corporation; Tyler S. Rogers, Owens-Corning Fiberglas Corporation; and Mr. Taylor.

### Now — A Heat Absorbing Glass

(Continued from page 8)

the private home field by those whose windows face direct sun, water or are subject to snow-reflected sunlight.

Incorporation of heat absorbing plate glass with its heat and glare reducing qualities into the double-glass unit greatly increases the all-weather value of Thermopane which is already widely specified for reduction of condensation, and insulation against cold and outside noise.

Editors' Note: Cadillac Glass Co., 3115 Berea Rd., Cleveland, O., are in a position to give further particulars on this new Thermopane window. Not only do they stock this window in many sizes but carry a complete stock of glass in all sizes ready for immediate delivery being one of the largest distributors of glass in Ohio.

## The Maddock Wall Paper Co.

WALLPAPERS OF DISTINCTION

1516 PROSPECT AVENUE, CLEVELAND 15, OHIO



## Octagon to Become Reception Building

(Continued from page 12)

After leasing the property for \$30 a month for four years, the A.I.A. purchased it in 1902 for \$30,000. Several thousand dollars had been spent for the building's rehabilitation before the Institute began its occupancy in 1899. Its interior walls, buried under coats of paper or whitewash, were cleaned and restored to their original tints.

The Institute itself made history in selecting Washington for its headquarters. Its president, George B. Post, told the Board of Directors in 1898:

"Today the Institute enters upon a new era in its history which is fraught with no little anxiety. The step it has taken is without precedent, as no similar society has broken away from the commercial metropolis of the country and established its home in the National Capital.

"It may, therefore, properly be called an experiment, and is one which will depend for its success upon the individual and united efforts of the members of the Institute, and may easily prove to be a failure without such effort . . . It is only by a membership large in numbers and representing the best-equipped members of the profession, who not only combine to a high degree professional skill and training but exalted views as to the ethics of the profession, that the Institute can realize the full advantage of its mission and reap the benefits of its new departure."

Then numbering 517 members, the Institute now has more than 8,200 members, apparently having reaped the benefits of the daring step taken "with no little anxiety."

The new Administration Building, across the garden from The Octagon and almost within its late afternoon shadow, was designed to harmonize with it.

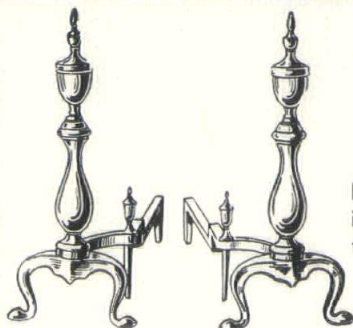
## Warm Air Heating

(Continued from page 9)

instead of down a flight of basement stairs. Where there are basements, putting the furnace on the main floor also means more below floors space for recreation, workshop, storage and laundry use.

With the ordinary "Hi-Boy" installation, duct work from the furnace is carried overhead, concealed in the ceiling. Return duct work is carried beneath the floor. Heat is distributed through warm air registers, usually measuring a normal 8 ft. high. Assuming that the home is adequately insulated, five normal size rooms can be comfortably heated, in all kinds of weather, with a single "Hi-Boy" Furnace. However, Perfection engineers say that the better built and the better insulated the home, the greater the possibilities for heating more space than the specified five room area.

Mr. Herman Gallup, of Willoughby, Ohio, is just one of the small home owners who heats his dwelling



**"Everything For  
the Fireplace  
Since 1914"**

Information regard-  
ing our Special Cur-  
tain Screen sent on  
request.

**D. M. KEENEY CO.**

8416 Carnegie Ave. CE. 0164 Cleveland 3, Ohio

FOR

**BONDED INSULATION**

Get the facts about . . .



INSUL-WOOL INSULATION installed by our approved applicators is BONDED FOR LIFE to be resistant to moisture, fire, and rodents, and guaranteed not to pack or settle.

STATE-WIDE FACILITIES TO SERVE YOU

We Invite Your Inquiries

**INSUL-WOOL INSULATION CO.**

PHONE: ENdicott 1-6874

3820 ST. CLAIR AVE.

CLEVELAND 14, OHIO

THE

**HUNKIN-CONKEY**

**CONSTRUCTION COMPANY**

CLEVELAND 14, OHIO

**THE FELDMAN BROS. CO.**

PLUMBING — HEATING

AIR CONDITIONING CONTRACTORS

WESTINGHOUSE  DISTRIBUTORS

MAin 1467

2332 PROSPECT AVE.

CLEVELAND 15

**HAMILTON DISPLAYS, Inc.**

*Cold Cathode Lighting*

EXPERIENCED ENGINEERING

FROM BLUEPRINT TO INSTALLATION

CUSTOM FIXTURES

UNDERWRITERS LABEL SERVICE

**ELECTRIC SIGNS**

1869  
E. 79 St.

**RA. 4100**

Cleveland  
Ohio





## DISTINCTIVE LIGHTING FIXTURES

57 years serving architects

Most beautiful lighting  
fixture display in Ohio.

ENGINEERING AND DESIGNING SERVICE

**ENTERPRISE ELECTRIC CO.**

6511 Euclid Ave. — Cleveland — EN. 4220

## 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

**The Artmetal Fire Escape & Iron Co.**

12369 EUCLID AVE.

CLEVELAND, OHIO

## Terrazzo

wears best  
under heavy traffic

MARBLE • GRANITE  
CRAB ORCHARD STONE  
TILE and SLATE

over a quarter  
century experience



**The Interior Marble & Tile Co.**

4300 EUCLID AVE. • HEnderson 1660 • CLEVELAND 3, OHIO

## « CITY BLUE »

The Open Sesame for  
BLUE PRINT and PHOTOSTAT SERVICE

In Cleveland Since '93

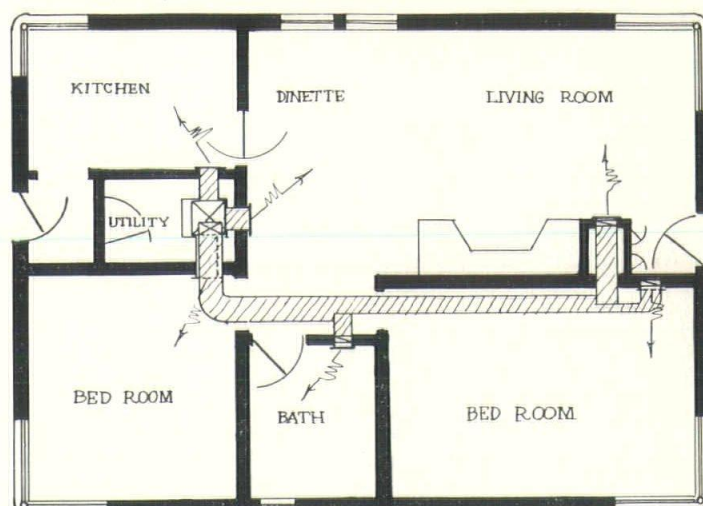
CHerry 7347

209 SWETLAND BLDG.



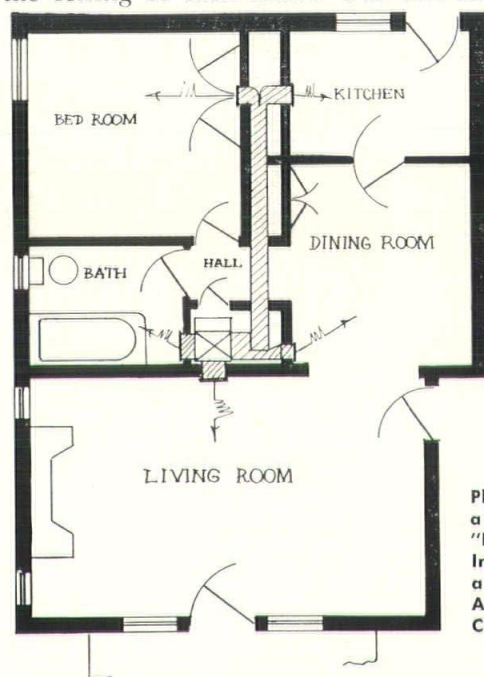
CLEVELAND

with a Superfex "Hi-Boy" Furnace. His home consists of a living room, two bedrooms, two baths, utility room and kitchen, all on one floor.



"Hi-Boy" installed in Utility Room with some Ductwork in the Attic.

The oil-burning "Hi-Boy" occupies a small space in the utility room. All of the duct work from the furnace is concealed in the ceiling. Return duct work is under the concrete floors. At this point Mr. Gallup's installation ceases to be typical. Heat is carried to a hot air box in the ceiling of each room. The hot air box has



Plan showing  
a Superfex  
"Hi-Boy" Furnace  
Installed in  
a 4-room  
Apartment  
Clothes Closet.

been made large enough to hold a light bulb horizontally. A convex glass plate hangs by chains from the ceiling, diffusing both the hot air and the light which comes from the box above. The degree of diffusion may be varied by raising or lowering the chains holding the glass plate. Duct work and furnace were grounded, at the time of installation, for maximum safety.

**ROBERT H. PELKEY, INC.**

PAINTING • DECORATING

COMMERCIAL — INDUSTRIAL

BRUSH OR SPRAY

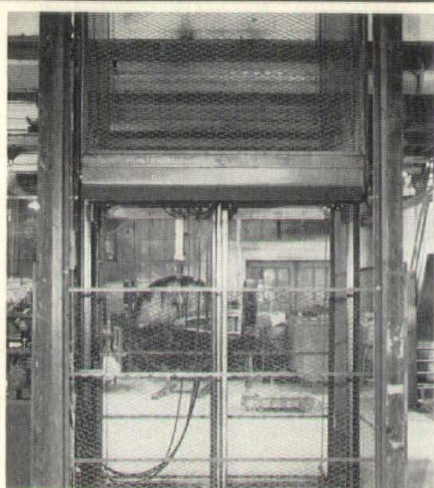
Residential Painting and Decorating

5706 CEDAR AVE.

CLEVELAND

EN. 4870





## Electric and Hydraulic ELEVATORS

For Passenger and Freight Service in Factories, Hospitals, Stores, Apartments.

*Dumb Waiters For Any Application.*

**CANTON ELEVATOR & MFG. CO.**  
1220 5th St., S.W. Canton, Ohio  
PHONE 4-3190

## YORK-SHIPLEY OIL-FIRED EQUIPMENT FOR INDUSTRY

### STEAM-PAK GENERATORS

Low and high pressure, automatic, 15 to 100 h.p., for No. 3, 5, and 6 oil.

### YORK-SHIPLEY INDUSTRIAL BURNERS

Direct and belt-drive, 45 to 400 boiler h.p., manual to automatic control, for No. 3, 5, and 6 oil.

## ALLIED OIL CO., INC.

Standard Bldg. — PR. 3400 — Cleveland 13

## THE EDWARD R. HART CO.

CANTON'S DEPENDABLE BUILT-UP ROOFERS  
& INSULATION CONTRACTORS

Phone 55346-7

437 MCGREGOR AVE., N.W. CANTON, O.

TELL THEM YOU SAW IT IN  
"OHIO ARCHITECT"

## NATIONAL COMPETITION

Awards will be made for distinguished design in three classes of buildings in the 1950 National Honor Awards Program of the A.I.A.

Residential, commercial, and religious buildings completed since January 1, 1945, will be considered in the Institute's second annual program. All registered architects, practicing professionally in the United States, whether or not members of the A.I.A., are eligible to submit entries of buildings erected in this country or abroad.

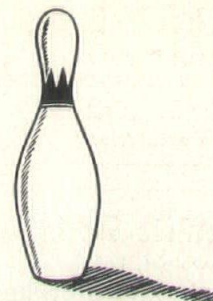
Entries will be sent to Washington for judgment and exhibition at the 82nd annual convention May 10-13. National juries will select one entry in each classification for First Honor Award. In addition, Awards of Merit will be given to as many entries as the juries wish to cite for excellence in architecture.

Certificates will be presented to both architects and owners of the buildings which receive awards.

"Entries will not be judged in competition with other entries as to size or cost, but on the basis of the architect's solution to the problem presented him and its worthiness for an award for excellence," the Institute announced.

Each of the three national juries will be composed of four architects and a layman. A woman nominated by a home or woman's magazine will serve on the jury in the residential class; a merchandiser experienced in commercial program requirements, in the commercial building class; and an educator experienced in church building requirements, in the religious building class.

The 1949 First Honor Awards went to Frederick L. Langhorst, San Francisco, for a residence in Marin County, California, and to March, Smith and Powell, Los Angeles firm, for a school in Corona Del Mar, California.



## KINGPIN

That's you, Mr. Architect.

Our business is improving your business and York's policy is to recommend your special services.

To help you York has experienced engineers located near you ready to render *personal* assistance.

There's a York engineer within easy reach. Write or phone us when planning any job involving air conditioning or refrigeration.



*Refrigeration  
and  
Air Conditioning*

2700 Washington Ave., N.W.

Cleveland 13

Tel. MAin 3507

HEADQUARTERS FOR MECHANICAL COOLING

SINCE 1885

**FOR QUALITY • SPEED • ECONOMY**  
*Build with*



**LIGHTWEIGHT  
ECONOMICAL**

**STRONG  
FIRESAFE**

**THE GEIST COAL AND SUPPLY COMPANY**  
3540 WEST 73rd STREET • CLEVELAND 2, OHIO



## Becker-Seidel-Clark, Inc.

HEATING, PLUMBING AND POWER  
PIPING CONTRACTORS

Utah 1-3456

3625 Prospect Ave. Cleveland, Ohio

## Idealite Building Block

Light in weight, light in color or cinder block  
COMPLETE LINE OF BUILDING SUPPLIES

THE IDEAL BUILDERS SUPPLY & FUEL CO.  
4720 BROOKPARK RD. SH. 1600 CLEVELAND

## DAVID HENDERSON & SON

GENERAL CONTRACTOR

7808 Kinsman Ave. Cleveland, O. MI 7666

## Builders Structural Steel Co.

VUican 3-8300

2912 EAST 34th ST. CLEVELAND 15, O.

## Dunlop & Johnston, Inc.

General Contractors

FAirmount 4876

2138 LEE ROAD CLEVELAND, OHIO

## Kinnear Rōl Top Garage Doors

SCREENS — SCREEN PORCH ENCLOSURES

Metal Weatherstrips — Combination Windows,  
Aluminum or Redwood

FEDERAL SCREEN & W. S. MFG. CO.  
1214 E. 152nd St. Cleveland, O. MU. 2500

## General Iron Works

Ornamental work — all periods  
Interior and exterior railings and balconies

7208 MADISON AVE. WO. 9310  
CLEVELAND, OHIO

## Haynam Wood Products Co.

RELIABLE CABINET WORK

Dealing direct with the architect

7917 Kinsman Ave. VU. 3-1870 Cleveland

## Master Built Roofs

INDUSTRIAL — RESIDENTIAL — COMMERCIAL

GUARANTEED ROOFING & SHEET METAL CO.  
4103 SNOW RD. CLEVELAND, O. SH. 5100

## ARCHITECTS EXHIBIT OF SCHOOL BUILDINGS

The American Association of School Administrators will hold its annual convention in Atlantic City February 25 to March 2, 1950. This is the largest education meeting of the year. It will be attended by approximately 12,000 school administrators and other educational leaders from every part of the country who are there seeking to gain sound ideas for improving the education programs in their home states and communities. Architects are invited to submit exhibits of school buildings, in accordance with the following conditions:

### Program Eligibility

All entries shall be submitted by registered architects and shall depict public, private or parochial school buildings, for any age groups below college level, erected or under contract for erection, in U. S. or U. S. Territories and possessions, since January 1, 1945. Eligibility is not limited to members of the A.I.A.

### Mandatory Rules of Submission

#### NUMBER OF ENTRIES

A maximum of three buildings may be submitted by any one architect, or architectural firm.

Each exhibitor may submit a maximum of one model and three double mounts (or six single mounts).

#### MOUNTS

All entries other than models, shall be on rigid single mounts 30" x 40" or double size mounts 40" x 60".

Each building shall be displayed on not more than two single mounts or one double mount.

Composition may be vertical or horizontal. Two mounts for one building may be arranged, one vertical, one horizontal. The composition shall be at the discretion of the entrant, provided that mandatory requirements are met.

#### PLANS

Site plan and principal floor plans shall be shown legibly and accurately at scale, with numerical or graphic indication of scale. Blueprints not acceptable for any part of display.

#### PHOTOGRAPHS

Exterior—A minimum of two photographs which together shall show all principal exposed sides of the building.

Interior—A minimum of one photograph showing a typical classroom.

Photographs shall be monotone, matt finish sizes at the discretion of entrant. The objective is to evaluate the building, not to reward a photographer's skill in concentrating on photogenic compositions.

(Continued on page 30)

## INDEX TO ADVERTISERS

Allied Oil Co., Inc.	29
American Utilities Co.	18
Artmetal Fire Escape & Iron Co.	28
Becker-Seidel & Clark	30
Brown & Graves Co.	32
Builders Structural Steel Co.	30
Cadillac Glass Co.	25
Canton Elevator & Mfg. Co.	29
Carter Jones Lumber Co.	16
City Blue	28
Crawford Door Co.	20
Davis & Siehl Co.	24
Donley Bros. Co.	21
Dunlop & Johnson, Inc.	30
Enterprise Electric Co.	28
Erf Acoustical Co.	17
Federal Screen & Weatherstrip	30
Feldman Bros. Co.	27
Geist Coal & Supply Co.	29
General Iron Works	30
Graham Co.	25
Guaranteed Roofing & Sheet Metal Co.	30
I. H. Gunton	30
Hamilton Displays, Inc.	27
Edward R. Hart Co.	29
Hayman Wood Products Co.	30
David Henderson & Son	30
Hollywood Sales Co.	16
Hunkin Conkey Construction Co.	27
Ideal Builders Supply & Fuel Co.	30
Insul-Wool Corp.	27
Interior Marble & Tile	28
Kahn Co.	31
D. M. Keeney Co.	27
Kelley Island Lime & Transport Co.	14
Kemper-Ulery Brick Co.	26
Kennedy Co.	31
Kullman Builders Supply	22
Liberty Printcraft Co.	26
George F. Little Co., Inc.	23
Loesch & Green Construction Co.	24
Long Fir Gutter Co.	16
Lumiland Distributing Co.	23
Macomber, Inc.	3
Maddock Wall Paper Co.	26
W. J. Marshall Co.	31
A. H. Marty Co.	16
Medal Brick & Tile Co.	22
Melbourne Brothers Construction Co.	24
Midland Hardware Co.	24
Midwest Acoustical & Supply Co.	18
Mooney Iron Works	31
Moore & Glass	26
Neo Sales, Inc.	13
C. J. Newlin	31
O'Brien Cut Stone Co.	31
Ohio Bell Telephone Co.	4
Ohio Clay Co.	31
Parker Electric Co.	31
Robert H. Pelkey, Inc.	28
John M. Peters Construction Co.	31
Pollak Steel Co.	5
Geo. Rackle & Son, Co.	31
D. W. Rankin, Inc.	31
L. W. Raymond	26
Reliance Art Metal Co.	21
Roediger Construction Co.	25
D. J. Sack	31
Schieber Manufacturing Co.	15
P. J. Shomer	31
Simpson Logging Co.	2
Leo W. Schmidt Co.	31
A. G. Stafford Co.	22
Fred J. Stover	25
Mark Swisher	20
Surveying Instrument	31
Warner Elevator Co.	24
Whitacre Engineering	30
Williams Pivot Sash Co.	25
P. F. Williams Co.	22
R. L. Wurz	5
York Corp.	29

## The Whitacre Engineering Co.

RENKERT BUILDING

Canton 2, Ohio

WIDE CENTER  
FLOORS

KALEX FLOORS  
and ROOFS

## I. H. GUNTON CO.

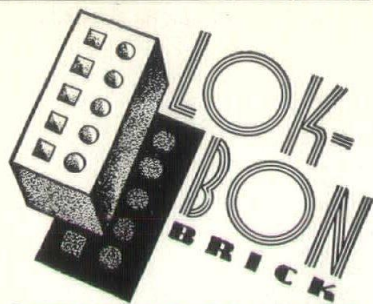
Installers of metal weatherstrips, window and door screens, venetian blinds, schoolhouse window shades, and Pella Casement windows

30 YEARS EXPERIENCE

Liberty 6068

14060 EUCLID AVE. CLEVELAND, OHIO





**THE OHIO CLAY CO.**  
P. O. Box 1776 CLEVELAND  
BRoadway 5511

## THE KENNEDY COMPANY

WHOLESALE PLUMBING SUPPLIES  
KOHLER OF KOHLER PLUMBING FIXTURES  
1849 Prospect Ave. PProspect 1440  
CLEVELAND, OHIO

## The Mooney Iron Works Co.

STRUCTURAL STEEL

3319 E. 80th St. DI 1414  
CLEVELAND, OHIO

## O'Brien Cut Stone Co.

CUT STONE CONTRACTORS  
Residential - Commercial - Industrial  
CUT STONES FOR SILLS  
STONE TRIM FOR DOORS AND WINDOWS  
MANTELS - STEPS - PLATFORMS  
COPING - ASHLER  
City-Wide Deliveries  
10500 QUINCY AVE. CLEVELAND CE. 2429

## BARCOL OVERdoors

Electric Operating Equipment and Radio  
Controls for doors and gates manufactured  
by Barber-Colman Co.

G. J. NEWLIN, Distributor  
3030 Euclid Ave. Cleveland, O. EN. 0207

## The PARKER ELECTRIC Co.

ELECTRICAL CONSTRUCTION

ENdicott 4170

4502 Prospect Ave. Cleveland, Ohio

## LEO W. SCHMIDT CO.

General Contractors

Diamond 4050

9920 GRANGER RD. CLEVELAND, OHIO

## D. J. SACK

PAINTING AND INTERIOR DECORATING

We are especially interested  
in working with Architects

807 E. 157th St. Cleveland 10, O. PO. 5446

### RENDERED DRAWINGS OF EXTERIORS

Rendered elevations or perspectives  
may be substituted for photographs  
only for uncompleted buildings  
which are under contract for erection.

Fees - Single Mounts (Fee \$15  
each). Double Mounts (Fee \$30  
each). Models (Fee \$25 each).

Mounts must be received not later  
than January 15, 1950.

For entry blanks write: American  
Association of School Administrators,  
Atten: Dr. Shirley Cooper, 1201 16th  
St., N. W., Washington 6, D. C.

### ARCHITECT AND ENGINEER

By Neil J. Convery, A.I.A.

It is high time that the professions  
and the trades comprising the build-  
ing industry recognize the wisdom  
and necessity of friendly cooperation  
in producing buildings which we all,  
—architect, engineer, contractor and  
producer, can view with pride and a  
craftsman's satisfaction. In achieving  
this result it is necessary that we all  
consider objectively the interests of  
the allied professions and trades with  
which we work.

Architects and architectural organ-  
izations have indignantly protested  
against evidences of encroachment by  
the engineers into the architectural  
field. But how many of our architects  
have made full and equitable use of  
these highly trained technicians in  
those fields where the engineers have  
a recognized competence?

The architect, to properly fulfill his  
role, must have a sound basic knowl-  
edge of the structural problems, heat-  
ing and ventilating, sanitation, elec-  
tric layout and other highly special-  
ized elements which enter into the  
design of our buildings. Where it  
has been necessary to supplement this  
knowledge we have at times been too  
prone to rely on the technical advice  
of manufacturer's representatives, on  
a blanket reference to the "provisions  
of the Code" or on a weak specifica-  
tion clause that the "contractor shall  
guarantee that the heating system will  
heat the building uniformly to 70°  
in zero weather." Many failures, or  
at best unsatisfactory installations,  
have resulted from this practice.

Professional fees in connection with  
the design of our more complex build-  
ings should include not only a fair  
compensation for the architect but  
also adequate provision for the ser-  
vices of highly trained engineers in  
those departments of design not  
covered by the broader but less tech-  
nical training of the architect. It is  
the duty of the architect to acquaint  
the owners of this fact and of the  
economy and wisdom of engaging  
responsible technical service in these  
collateral fields.

## Industrial and Commercial OIL — GAS BURNERS

Preferred Steam Generators

## P. J. SHOMER CO.

340 Ferguson Bldg. — Superior 8242  
CLEVELAND, OHIO

## KAHN COMPANY

Industrial, Commercial and Apartment  
PLUMBING—HEATING—POWER PIPING

2709 E. 93rd ST. CLEVELAND RA. 1770

## The Mogg Cut Stone Co.

Indiana Limestone — Amherst Sandstone

12406 Marston Ave. WA. 2223  
CLEVELAND, OHIO

## W. J. Marshall Co.

Builders Hardware

SU. 7670

1030 ST. CLAIR AVE. CLEVELAND, O.

## John M. Peters Construction Co.

CONTRACTORS — ENGINEERS

INDUSTRIAL — COMMERCIAL — GENERAL

27 Years Experience

3971 Jennings Rd. Cleveland, O. SH 7400

## The Geo. Rackle & Sons Co.

LARGE QUANTITY BUILDERS SUPPLIES  
LIGHTWEIGHT CONCRETE — ROOF  
AND FLOOR SLABS — CAST STONE

Michigan 4747 CLEVELAND, OHIO

## D. W. RANKIN, INC.

GENERAL CONTRACTOR

1836 Euclid Ave. Cleveland, O. PR 3825

WE REPAIR ANY MAKE  
TRANSIT OR LEVEL

Prompt reliable service

Surveying Instrument Co., Inc.

118 St. Clair Ave., N. E. MA 1692

TAPE REPAIRING





**THE OHIO ARCHITECT**

Publication Office  
6523 EUCLID AVENUE  
CLEVELAND 3, OHIO

Sec. 34.66 P.L. & R.  
U. S. POSTAGE  
**PAID**  
Cleveland, Ohio  
Permit No. 2136

Mr. Walter A. Taylor  
Dept. of Ed. & Research  
The American Institute of Arch.  
1741 New York Ave., N. W.,  
Washington, D. C.



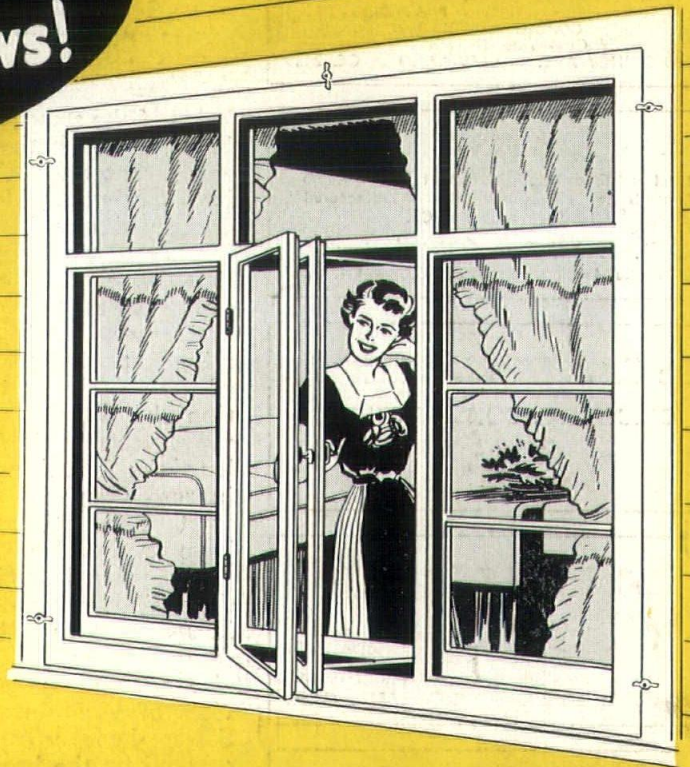
**IT'S HERE - IT'S NEW!**

**AUTOMATIC**  
**STORM SASH**  
For **BEE GEE** Windows!

Opens . . . closes with the window  
**AUTOMATICALLY!** Bronze weather strip  
seals in warmth. Complete with all  
hardware installed. Factory prefitted.  
Double glass insulation saves fuel. Re-  
duces street noises. Prevents condensa-  
tion on windows due to excessive  
humidity.



**FREE**  
**CATALOG**  
by writing to



**BROWN-GRAVES CO. AKRON 1, OHIO**