

AMERICAN INSTITUTE
OF
ARCHITECTS

MAR 4 1963

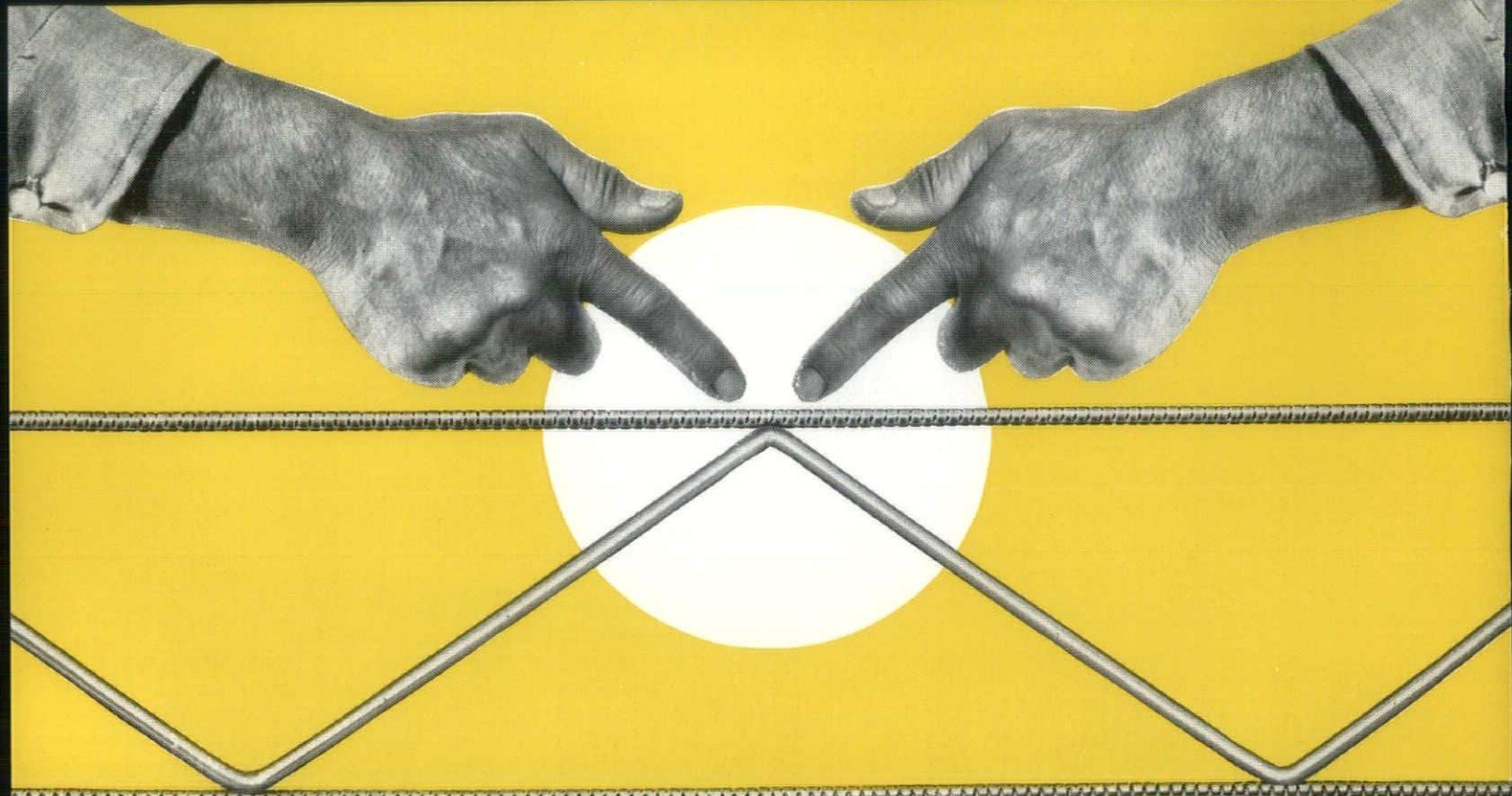
LIBRARY



OHIO ARCHITECT

OFFICIAL PUBLICATION OF THE ARCHITECTS SOCIETY OF OHIO
A REGION OF THE AMERICAN INSTITUTE OF ARCHITECTS, INC.

february
1963



This is Dur-o-wal

*the masonry wall reinforcement
with the trussed design*

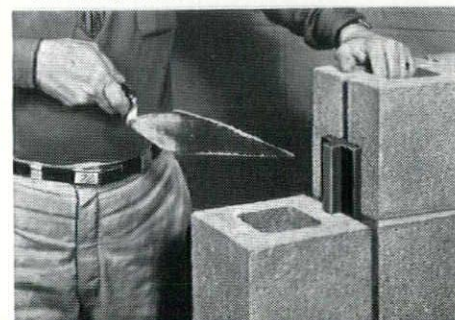
Don't be misled by the common habit of calling all metal-rod reinforcement "durowal". Look for this trussed design. It distinguishes the real Dur-o-wal, insures maximum flexural strength, with all steel members effectively in tension and working together.

Impartial tests of 8" concrete block walls proved that truss-designed Dur-o-wal exceeds accepted standards—increases the horizontal flexural strength from 60 to 135 per cent, depending on the weight and spacing of Dur-o-wal used, and type of mortar.

An independent new research study shows that Dur-o-wal tied walls outfunction brick-header tied walls. Write to any Dur-o-wal address below for 44-page test report.



STRENGTH WITH FLEXIBILITY—this basic masonry wall requirement is met for sure (and economically!) when Dur-o-wal, above, is used with the ready-made, self-flexing Rapid Control Joint, below.



DUR-O-WAL[®]

The Original Masonry Wall Reinforcement with the Truss Design

DUR-O-WAL MANUFACTURING PLANTS

- Cedar Rapids, Iowa, P.O. Box 150 • Baltimore, Md., 4500 E. Lombard St. • Birmingham, Ala., P.O. Box 5446
- Syracuse, N.Y., P.O. Box 628 • Toledo, Ohio, 1678 Norwood Ave. • Pueblo, Colo., 29th and Court St.
- Phoenix, Ariz., P.O. Box 49 • Aurora, Ill., 260 S. Highland Ave. • Seattle, Wash., 3310 Wallingford Ave.
- Minneapolis, Minn., 2653 37th Ave. So. • Hamilton, Ont., Canada, 789 Woodward Ave.

OHIO ARCHITECT

OFFICIAL PUBLICATION OF THE ARCHITECTS SOCIETY OF OHIO,
A REGION OF THE AMERICAN INSTITUTE OF ARCHITECTS, INC.

FEBRUARY, 1963

Volume XXI

Number 2

CONTENTS

FEATURES

- 4 From Irish Castle to Castle Resort
- 11 Oberlin's Little Red Schoolhouse

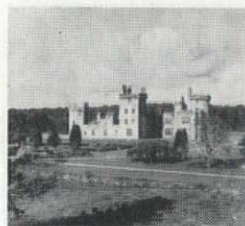
AIA AND ASO NEWS

- 18 ASO Officers and Trustees
- 19 Dansizen Joins Canton Firm
- 20 Necrologies
- 21 Advertisers In Ohio Architect

COVER

This month's cover is a view of the Dromoland Castle, County Clare, Ireland which is being converted into a resort. Architects for the million dollar project are Milosevich and Trautwein of Columbus, Ohio.

The owner is Bernard L. McDonough, Parkersburg, West Virginia.



Copyright 1963 Architects Society of Ohio, Inc. of the American Institute of Architects. All rights reserved.

ARCHITECTS SOCIETY OF OHIO OFFICERS

President

Orville H. Bauer
1600 Madison Avenue
Toledo 2, Ohio

First Vice-President

Joseph Tuchman
777 West Market Street
Akron 3, Ohio

Second Vice-President

Robert W. Lecklider
Third National Building
Dayton 2, Ohio

Third Vice-President

Eugene F. Schrand
1701 Fifth-Third Bank Building
Cincinnati 2, Ohio

Secretary

William H. Wiechelman
1404 East Ninth Street
Cleveland 14, Ohio

Treasurer

Loren J. Staker
2353 1/2 East Main Street
Columbus 9, Ohio

Immediate Past President

Howard B. Cain
614 Park Building
Cleveland 14, Ohio

Regional Director

George B. Mayer
616 The Arcade
Cleveland 14, Ohio

Executive Director

Clifford E. Sapp
5 East Long Street
Columbus, Ohio

EDITORIAL STAFF

Publication Committee

Chairman

Orville H. Bauer, AIA
1600 Madison Avenue
Toledo 2, Ohio

Technical Editor

David A. Pierce, AIA
4501 North High Street
Columbus 14, Ohio

Managing Editor

Clifford E. Sapp
5 East Long Street
Columbus 15, Ohio
Telephone: 221-6887

Editor

Loretta M. Docter
5 East Long Street
Columbus, Ohio

Advertising Representative

William R. Close
1010 Euclid Avenue
Cleveland, Ohio

ASSOCIATE EDITORS

Cincinnati

Alfred W. Ambrosius
309 Ludlow Avenue
Cincinnati 20, Ohio

Cleveland

William S. Cullen
3092 Livingston Road
Cleveland 20, Ohio

Columbus

Robert R. Reeves, Jr., AIA
1480 Road's End
Columbus 9, Ohio

Dayton

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

Eastern Ohio

Leonard S. Friedman, AIA
3602 Southern Blvd.
Youngstown 7, Ohio

Toledo

Alfred J. Garner
Security Building
Toledo 4, Ohio

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

Accepted as controlled circulation published at Athens, Ohio, U.S.A.

Editorial and Advertising office: Five East Long Street, Columbus 15, Ohio. Printed at: The Lawhead Press, 900 East State Street, Athens, Ohio, U.S.A.

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

OHIO ARCHITECT is available at a subscription cost of \$4.00 each year or .50 each issue. Roster issue: \$1.00.



Architects Milosevich & Trautwein

FROM IRISH CASTLE TO CASTLE RESORT

Take an old castle by the sea; add a volume of tradition; an abundance of enthusiasm, planning and labor; enhance with a variety of modern facilities; and enjoy the luxury of the "New Castle" Resort in County Clare, Ireland.

In the fall of 1962, Bernard L. McDonough, an industrialist from Parkersburg, West Virginia, contacted the architectural firm of Milosevich and Trautwein in Columbus, Ohio, seeking counsel in a proposed project.

The structure—the family home of

the O'Brien Clan (who were instrumental in freeing the Irish from the Normands) built in 1700 in the southwest of Ireland, eight miles from Shannon Airport.

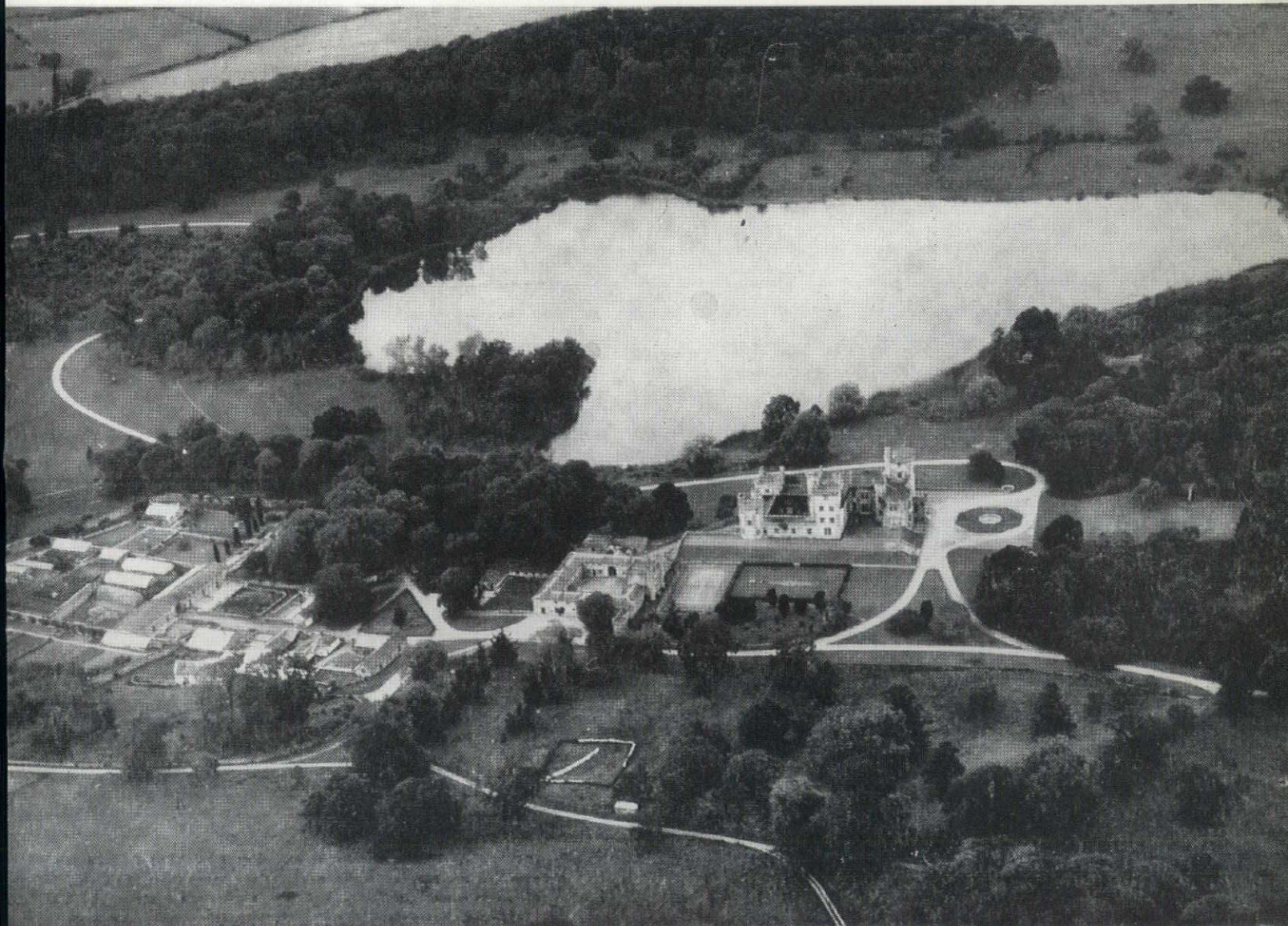
The plan — to convert the "home" into a comfortable resort. A trip to the site, a great deal of study and consultation proved that the plan was feasible.

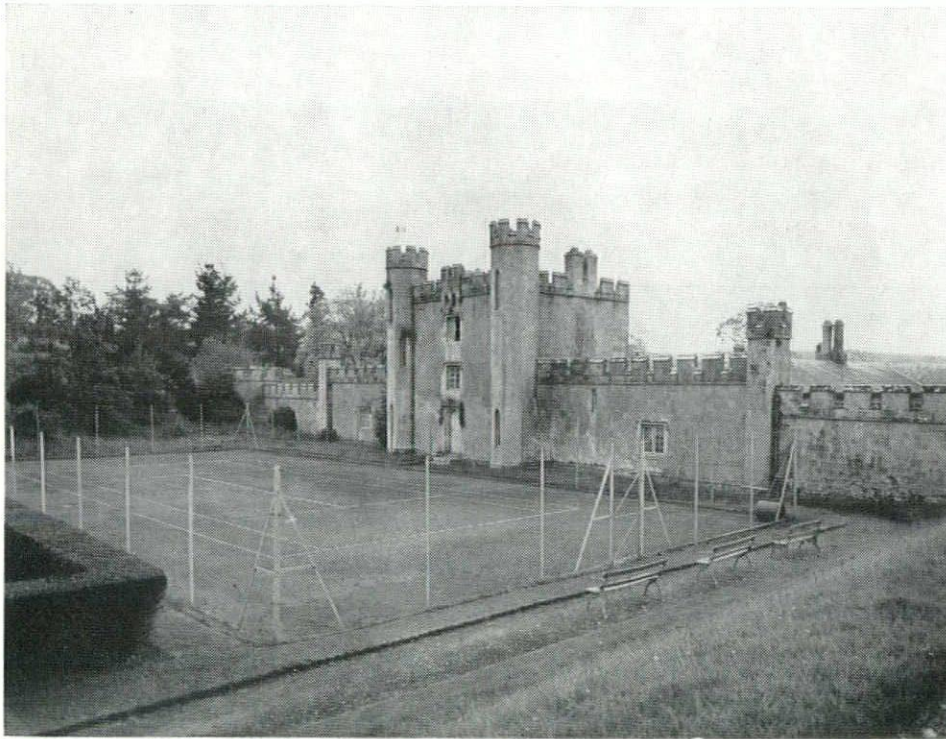
McDonough purchased 450 acres of a 1200 acre estate from Lord Inchiquin (his British title), who is today head of the O'Brien clan. Work was begun immediately.

Three trips to the site enabled the

OHIO ARCHITECT

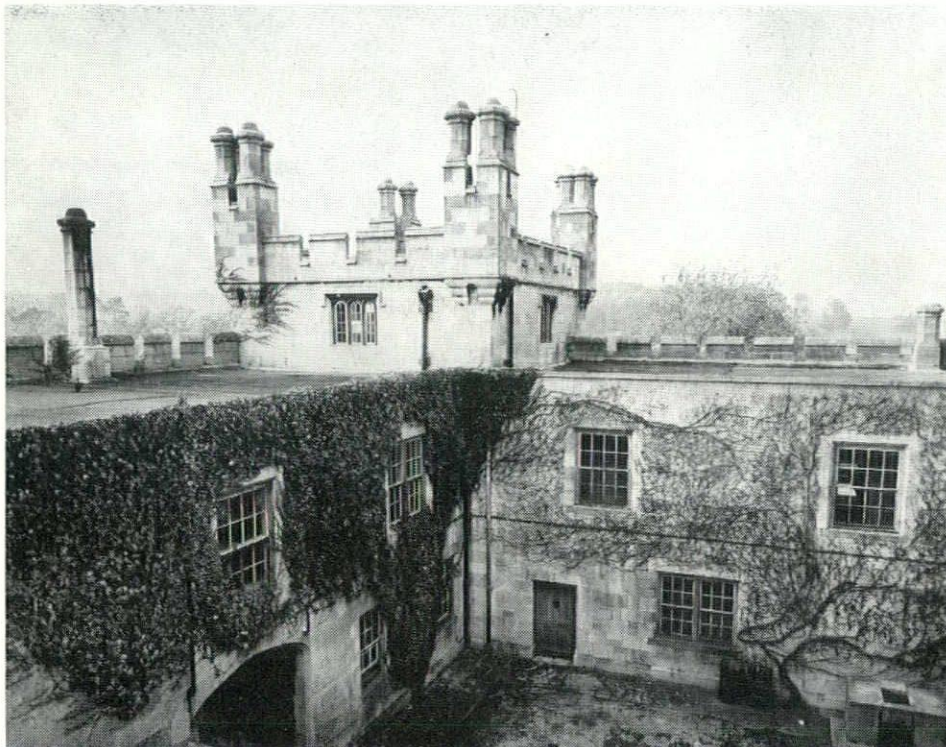
General view of the Dromoland Castle, County Clare, Ireland, which is being converted into a resort. The \$1,000,000.00 project will be completed by June 1, 1963.





The "Old Castle", now used as garages and stables, will be entirely gutted. New entrances will be found and areas will be re-planned for better use. The center of the building features a two-story living area known as the great hall. This area remains in the new design with the remainder of the building housing 25 bedrooms.

The courtyard, now finished in asphalt, will be landscaped for the enjoyment of the guests. An inter-connecting alley-way between the old and new castles will also be landscaped and covered walkways will be provided.



architects to gather sufficient photos, plans and notes to prepare drawings and specifications from their Columbus office.

The original structure, the "Old Castle" built in 1700 will, by necessity, be completely gutted and re-planned for better use. The "New Castle", constructed in 1800, will not require such drastic re-planning. In both castles, however, the reconstruction program will be influenced to a degree, by the walls which in some places are 2-3 feet thick.

No building code, as we know it in the United States, exists in Ireland. The only governing agency involved is the Bord Failte Eireann, which reviews design and plans for those projects falling within its jurisdiction. The function of this department is to allot cash grants to those individuals or firms providing guest concessions or holiday accommodations within the Irish Free Government. These grants are based on an amount of 275 pounds (approximately \$762.00) per room for such projects. In addition, the Bord Failte Eireann sponsors a five-year interest free loan program which is available to these same firms or individuals.

Among the existing facilities on the site are a complete water supply for the estate (stored at the top of a hill), a very adequate septic tank system, a high pressure fire system surrounding the entire castle, and a hot water central heating system, which will require little or no alteration.

The castle requires very little work

OHIO ARCHITECT

structurally. A new roof (slate, supported on wood trussed rafters) will be installed; windows replaced and covered walkways provided.

Materials are not as readily available in Ireland as they are in the United States. Steel and brick are at a premium, and must be shipped in from other countries. The most accessible materials are concrete, lumber and stone. Concrete block is used extensively. However, the light-weight blocks used in American construction are foreign to the Irish. Their coreless 8" x 16" blocks require two men to lift them into place.

Both the Old and New castles require complete re-plumbing and re-wiring. Bathroom fixtures will be shipped from the United States. An interesting fact is that most electrical circuits and lighting fixtures are 220 volt. Consequently, the re-wiring of the castles will conform to this pattern.

The grounds surrounding the castle lend themselves beautifully to the planned recreational facilities. An 18 hole golf course, designed by Brooks E. Wiggington, landscape architect of Wheeling, West Virginia, will run completely around the lake. Plans also include areas for tennis courts, horseback riding, hiking, stream and lake fishing.

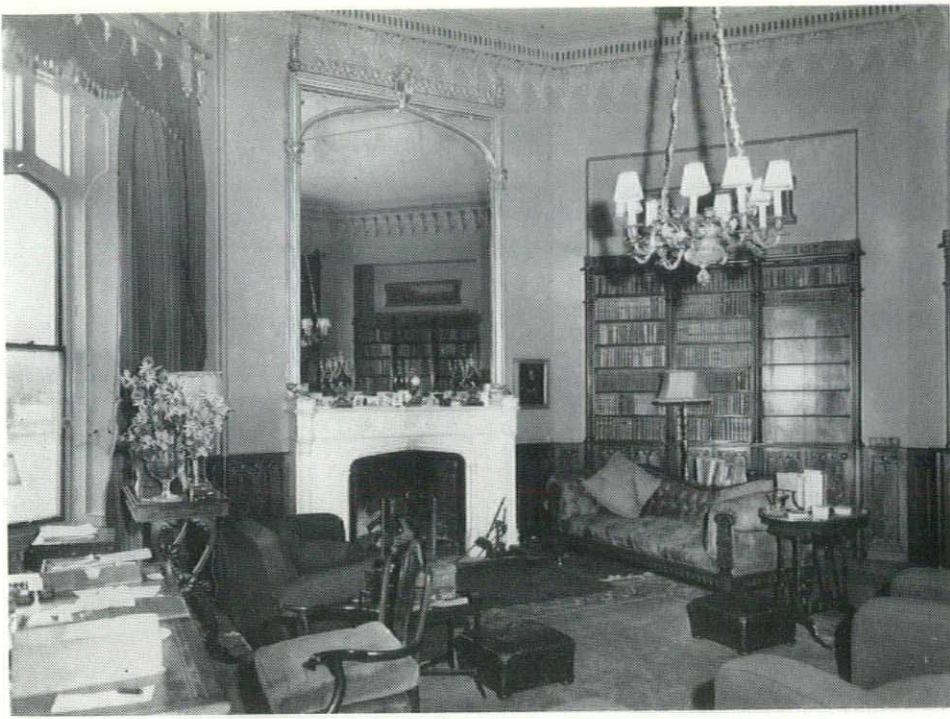
The resort, when completed will require a staff of 40-50 persons, all of whom will be housed adjacent to the castle. Irish tradition dictates that they be provided complete and separate facilities.

FEBRUARY, 1963



The existing dining room and library (pictured) will become the formal dining room for the resort.





In the architect's plan, the study (pictured) will become the formal cocktail lounge, adjacent to the dining room. A tavern on the ground level, with cobblestone floors, will retain the rustic flavor of the castle. A connecting terrace overlooks the lake and opens onto the courtyard.



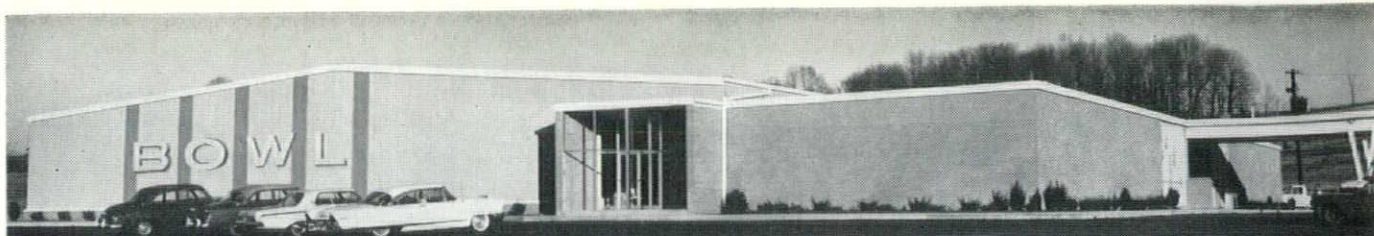
The main lounge of the castle will remain as such in the new plan. Although the castle will be completely re-furnished, the traditional atmosphere will prevail throughout.

The focal point of the main entrance to the "New Castle" is a gallery honoring prominent members of the O'Brien Clan, and will serve as an impressive lobby for the resort.



Part of the lounge area in the architects plan encompasses the existing hallway (pictured) which leads to the stairway to the second floor.





New Tiki Bowling Lanes Is GAS Air Conditioned To Keep Bowlers Comfortable at Minimum Cost



Tiki Bowling Lanes, Krouse Road, Lancaster

Central Gas Air Conditioning that assures complete indoor comfort 365 days a year is among the many fine features of the recently-opened Tiki Bowling Lanes in Lancaster.

Heating . . . and cooling . . . of the 32-lane bowling establishment is accomplished by two Arkla 25-ton Gas Chiller-Heaters.

These dual-purpose, single-system absorption units heat and cool without a steam-producing boiler or converter.

The 25-ton Arkla Chiller-Heater is the first unit of its type available for medium and large tonnage installations. Advantages, in addition to the economy of Gas as a year 'round fuel, include: ease of installation; noiseless, vibration-free operation; minimum maintenance.

The new Tiki Bowling Lanes also depends upon Natural Gas to supply the hot water needed for its

snack and dining area, and in locker and rest rooms.

Whatever the job, heating or cooling, remember . . . "There's Nothing Like a Flame!" And for specific information concerning the cooling, heating, cooking and other needs of your clients, call your regular Gas Company contact man. He'll get you all the data you want.

Consulting Architect Earl Cooper Stephens & Assoc.,
Parkersburg, W. Va.

General Contractor Schmelzer Construction Co., Lancaster

Heating Contractor Modern Plumbing & Heating Co., Lancaster

THE OHIO FUEL GAS COMPANY



OBERLIN'S LITTLE RED SCHOOL HOUSE

The Cleveland Chapter of the American Institute of Architects recently presented its annual award for an outstanding instance of preservation or restoration of historic buildings to the Oberlin Historical Society.

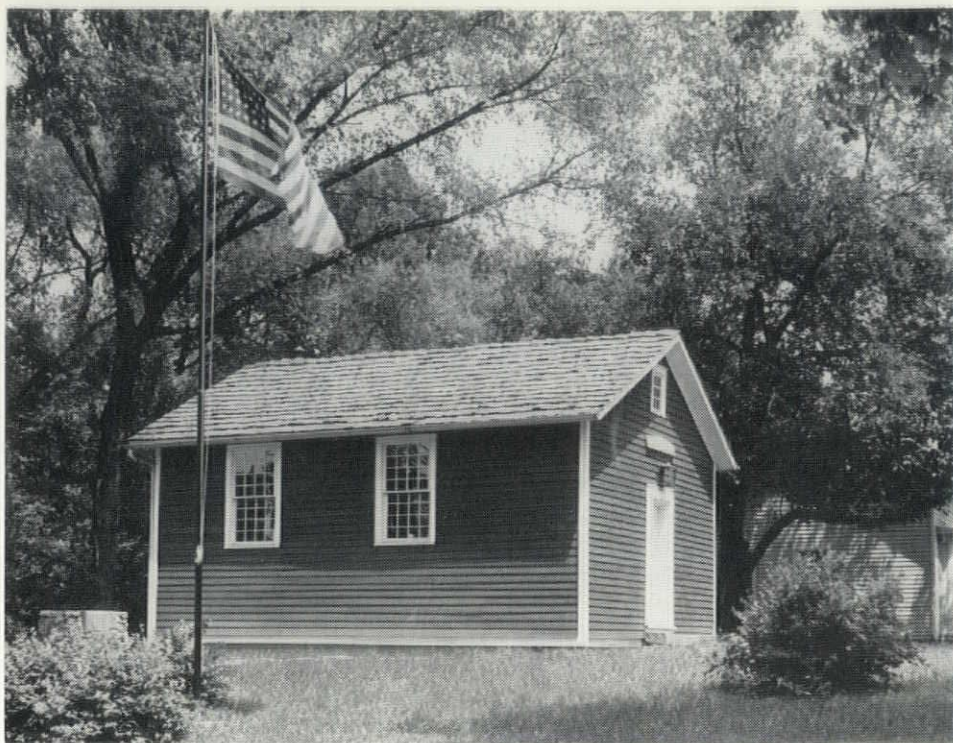
The building honored was Oberlin's oldest structure—the 19th Century Little Red Schoolhouse on East Vine Street. Its restoration was the result of a one-man crusade by the late Clifford A. Barden.

Mr. Barden rescued the structure last year after the city had marked it for demolition. Enlisting the support of the Village Improvement Society and the aid of a number of Oberlin residents, who gave generously of both time and money, he persevered in the project of saving this historic building. Today it stands looking much as it did originally, from the rustic shakes on the roof to the potbellied stove inside.

The little schoolhouse was built in 1836, after the directors of the school district approved the raising of \$200 for a building "20 x 24 ft., one story high, 9 ft. posts, underpinned with stone, well lighted entry."

The new schoolhouse was first used in the fall of 1837, and was the only one in operation until 1851. From the outset, the schoolhouse was inadequate to house the 236 children of school age. The overflow were housed in college buildings, private homes, and village shops.

Finally, in 1851 a new two-story



The "Little Red School House", Oberlin's oldest building, dating from 1836, was restored by the Oberlin Historical Society, and is now a prized museum.

Robert C. Gaede, Chairman of the Preservation Committee of the Cleveland Chapter AIA presented this award for preservation

of a historical building to the Oberlin Historical Society at the Annual Award Luncheon sponsored by the Cleveland Chapter in December.



19 December 1962

The Cleveland Chapter of the American Institute of Architects

through its

COMMITTEE for the PRESERVATION of HISTORIC BUILDINGS

awards this 3rd Annual Certificate

in recognition of exceptional accomplishment

in the area of Preservation, Restoration and Maintenance

of an architecturally significant building, to

The Oberlin Historical Society

for its work in preserving, restoring and maintaining

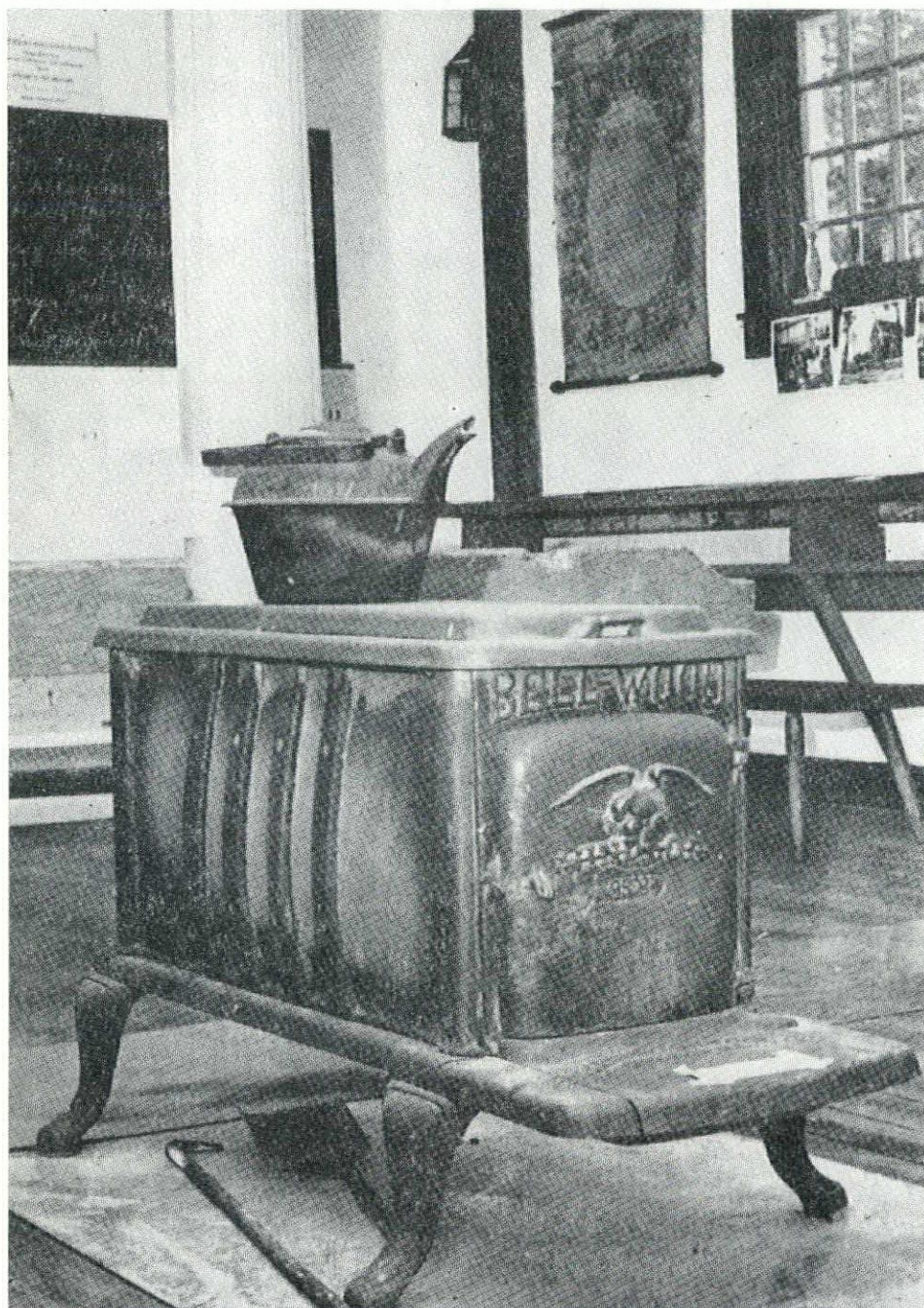
the FIRST UNGRADED SCHOOL HOUSE (1836) in Oberlin

one of the few remaining examples of the simple 19th Century schoolhouses that dotted the Ohio landscape and initiated our intellectual growth

PRESIDENT, CLEVELAND CHAPTER, AIA

CHAIRMAN, PRESERVATION COMMITTEE

A pot-bellied stove, rocking chair, and numerous other articles were donated by Oberlin residents to retain the old schoolhouse classroom atmosphere.



brick schoolhouse was erected, and the Little Red Schoolhouse was converted into a private dwelling.

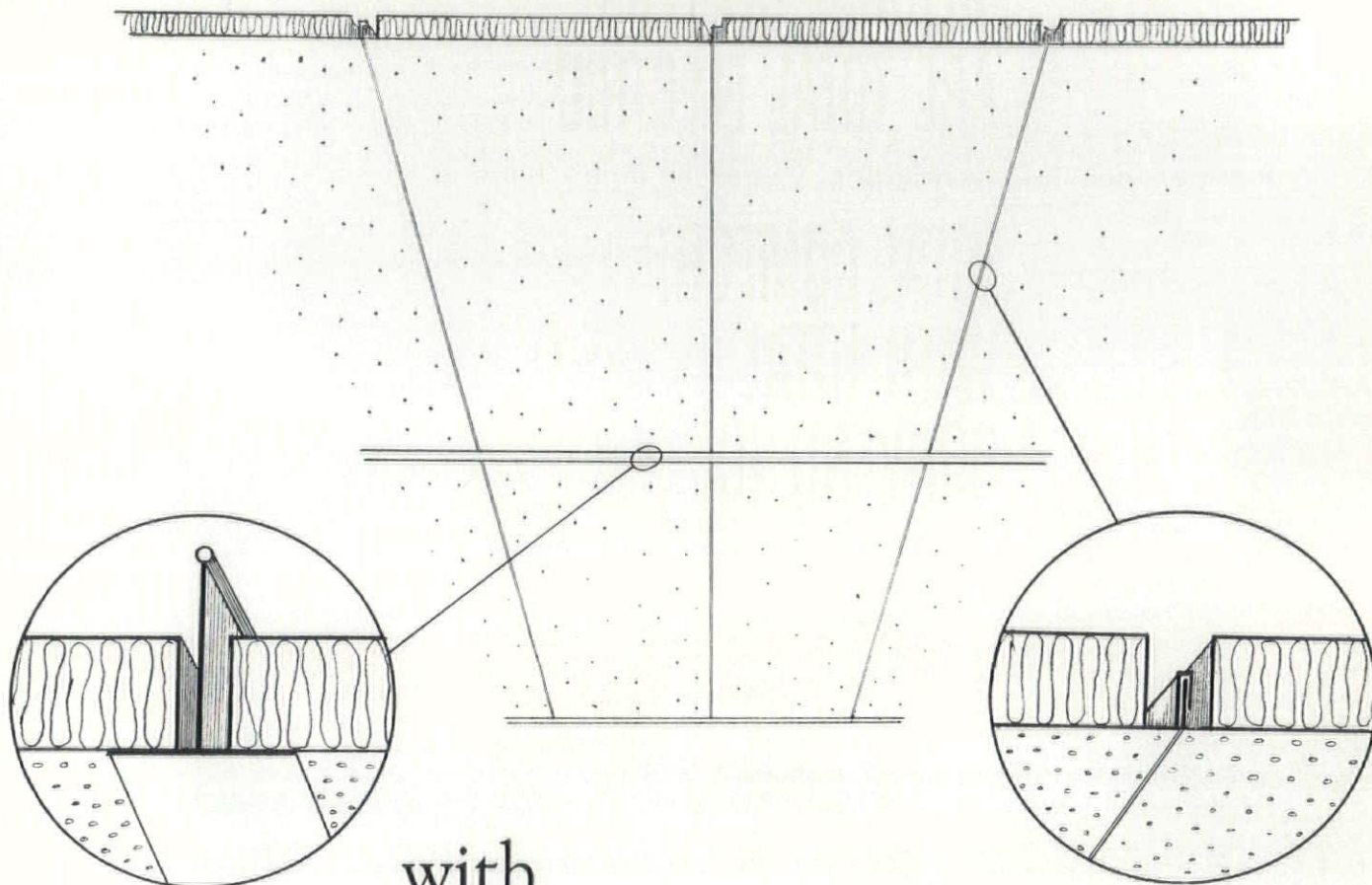
It was late last spring, when the City of Oberlin bought and planned to raze the building, that Mr. Barden stepped in with his proposal.

Restoration and refurbishing became a community project. Former teachers and students, as well as other local residents and merchants, donated books, furnishings, and other articles to capture the early classroom atmosphere.

Professor emeritus Clarence Ward and Professor Paul Arnold of the department of fine arts, Oberlin College, were consulted on restoration plans.

In commenting on the restoration project, Professor Ward said, "... it is a typical example of the 'little red schoolhouse' of literature and memory. Moreover, it is exactly the type of building which one would expect of the severe 'Puritanism' of early Oberlin. It has the simplicity on which the entire community and college prided itself. It is a product of the Ohio frontier . . . the oldest building in Oberlin in anything like its original form . . . the only existing representative of the first decade of the 'Colony's' existence. In a city like Oberlin, where education has always been a commanding factor, the preservation of a schoolhouse, no matter how humble, seems to me to be a most admirable project . . ."

Greater Design Freedom...



with **SOUNDLOCK[®]** Acoustical Ceilings

SOUNDLOCK ceiling panels are available in sizes up to 30" by 72" — flat as the traditional pancake. On a semi-exposed or Duo-Flex suspension system, the ceiling has an over-all flowing, "monolithic" look because of the permanently tight, level joints; the rounded, minimum-bevel edge detail; and the inconspicuous diagonal pattern of the small perforations.

Yet the panels can be instantly removed and easily replaced. Lighting fixtures, air diffusers, and other ceiling components are readily coordinated with the panels in ceiling layouts that can be easily rearranged when area uses change.



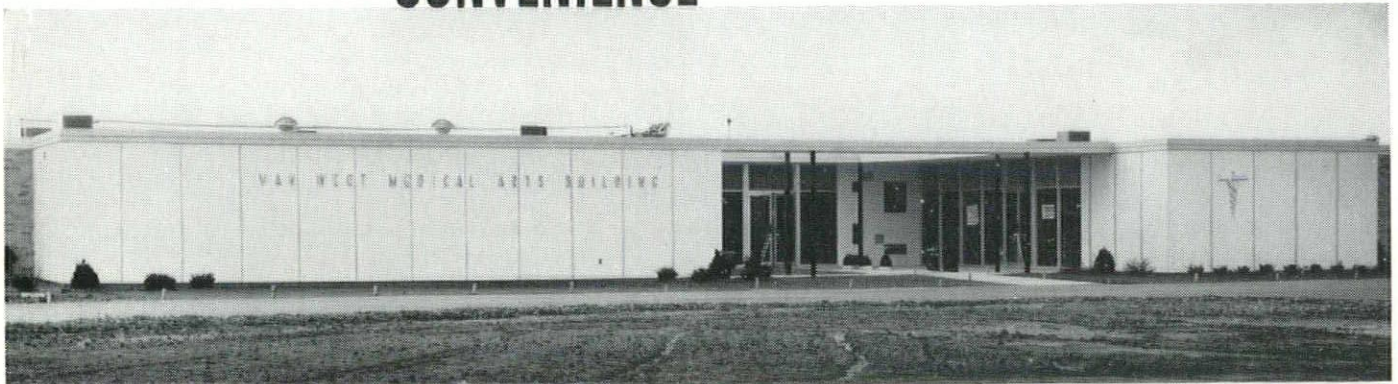
GEO. P. LITTLE CO.
ACOUSTICAL CONTRACTORS
BUILDING SPECIALTIES

CLEVELAND
COLUMBUS
AKRON
TOLEDO
PITTSBURGH

TWO NEW OHIO MEDICAL CENTERS ARE TOTAL ELECTRIC

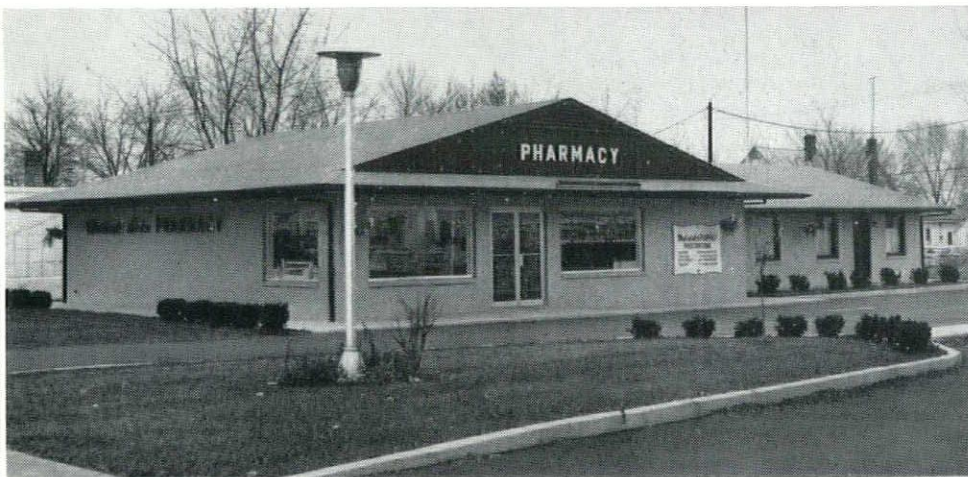
heating • cooling • ventilating • water heating • lighting

TOTAL COMFORT WITH TOTAL CONVENIENCE



VAN WERT Fifteen doctor's suites and a pharmacy are comfort-controlled with individual all-electric heating and cooling systems

in this virtually window-less Medical Arts Building. Safety, cleanliness and lower construction cost made the choice electric.



FINDLAY Pharmacy and two doctor's suites complete half of this new medical center. Five more doctor's suites are to be added. Individually controlled electric heating and cooling systems are ideal for unit-by-unit expansion.



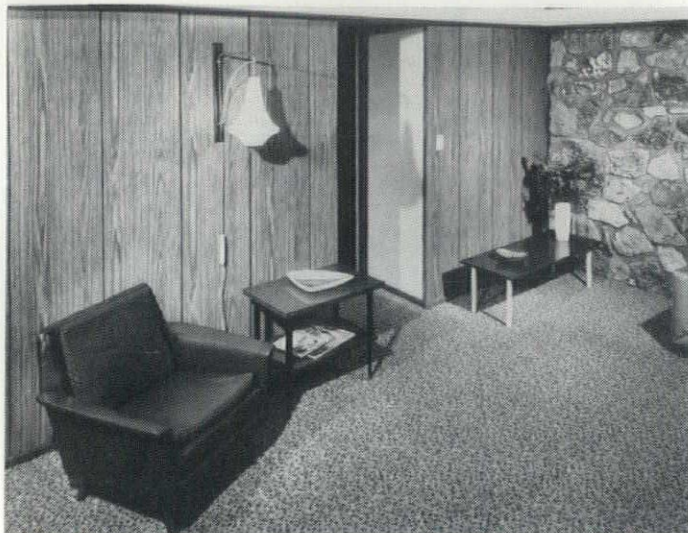
In the area served by Ohio Power Company, we are ready to assist you with your next commercial installation. Call our nearest office or write to

COMMERCIAL-INDUSTRIAL SECTION
General Office Canton 2, Ohio



AMERICAN ELECTRIC **AEP** POWER SYSTEM

FORMICA INTRODUCES NEW WALL PANELING PRODUCT



Formica Corporation has entered the wall paneling business with a new product and an eight-market test campaign. The Cincinnati manufacturer of laminated plastics thus is making a major move toward product diversification and extended use of its laminate on vertical surfaces.

The new product has been designated Formica V.I.P. paneling, or Vertical Interior Paneling. A complete pre-fabricated wall surfacing system, the V.I.P. product package includes laminate-faced panels, each 16 inches wide, plus finished molding strips and a unique spline system which acts as a securing and hidden-nailing device. For decorative flexibility, spline systems offered can effect either a V-groove or half-inch accent strip motif for walls. Ease of installation, minimum upkeep and long life in high-traffic areas are prime qualities of the product, according to Formica.

Market areas chosen for the test are New York, Philadelphia, Miami, Tampa, Atlanta, Cincinnati, Newark and Boston. In preparation for full-scale product introduction later in 1963, the entire spectrum of marketing activities will be tested in these locales, including wholesale distribution, stocking, packaging, delivery, promotion and job-site installation.

According to Charles L. Walters, Formica's New Products Marketing Manager, 75 per cent of total V.I.P. sales are expected to be in commercial construction. The remainder, he predicts, will be in light construction and custom residential projects. Thus prime test installations will be offices, stores, hotels and motels, airports, professional buildings and similar structures.

"Testing of V.I.P. marks a major step forward in our progress," Walters said. "Laminated plastic has been used on wall surfaces for years, but high cost and the difficulties of on-site application, particularly irregularities of the sub-wall itself, have limited this usage. New Formica V.I.P. paneling, which is affixed to standard furring strips, eliminates these difficulties, furthermore offers the user a complete product package, not merely the laminated plastic."

FEBRUARY, 1963

MDW...

GENUINE CERAMIC GLAZED STRUCTURAL TILE

AT THE PRICE OF ITS IMITATIONS!



new



UTILITILE

REG

When low cost is your object — Utilitile is your material!

It is a high-grade ceramic glazed structural tile, offered at the price of its imitations and other low-cost materials for utility interiors. Yet it gives you these everlasting advantages of ceramic glazed structural tile:

- Complete Fire Safety
- Permanent Color
- Low Maintenance Costs
- Natural Cleanliness
- Resistance to Chemicals
- High Resistance to Surface Impact

STOCKED FOR IMMEDIATE SHIPMENT IN ALL SHAPES NEEDED FOR A FINISHED JOB • SHIPPED IN MONEY-SAVING ARKETEX UNITIZED PACKAGES AT NO EXTRA COST.

Get the full details right away.
Send for the free Utilitile brochure.



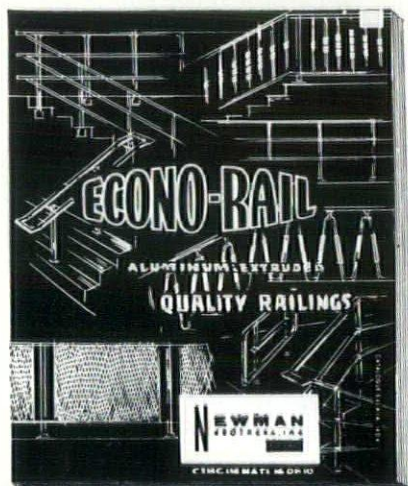
created by
ARKETEX CERAMIC CORPORATION
BRAZIL, INDIANA
The progressive name in structural ceramics

TRUE AS A RIGHT ANGLE

Benjamin
Moore paints

BENJAMIN MOORE & CO.

New York • Los Angeles • Toronto • Chicago
Jacksonville • Montreal • St. Louis • Cleveland
Vancouver • Denver • Carteret • Houston • Newark



Ready
**FOR YOU
NOW . . .
NEWMAN
1963
CATALOG**

• featuring

- NEW aluminum post with wood grain Formica insert
- NEW PANL-RAIL in striking colors

and of course, a large number of variations in America's Top Seller

ECONO-RAIL

WRITE TODAY FOR YOUR PERSONAL COPY



Section
6e/ne



5617
Center Hill Ave.
Cincinnati 16,
Ohio

Architect Predicts Upsurge in Urban Dwelling

One of the world's leading architects is betting that suburban Americans in the next few decades will be flocking back to the cities — thanks to more efficient use of air. . . just plain air.

The upsurge in urban living will be made possible by more extensive use of "air rights" — the privilege of putting up an apartment house over a site already in use — says Dr. Walter Gropius, Chairman Emeritus of Harvard University's Department of Architecture.

Builders will be able to take advantage of air rights over all kinds of sites — like a 32-story apartment in New York built over an approach to the George Washington Bridge — by using high-strength steels, Dr. Gropius said. Developed in recent years, the new steels give the same strength with 10 per cent less weight. Building codes in various cities have already been revised to permit their use, with a saving in cost.

Looking into the future, the 79-year-old Gropius said: "The trend will be back to living in high-rise city apartments and away from sprawling suburbs where you need a car to get any place. More and more people will want to live close to centers of culture and commerce."

Gropius predicted that "the much stronger steels and pre-stressed reinforced concrete units" will be the favored materials of the future. They will permit construction of high-rise combination apartments and commercial buildings in downtown areas, he said.

"Steel enables a building to be put up quickly," he said, "and is the only practical material to use for buildings higher than 25 stories, especially in areas subject to earthquakes."

Gropius also foresaw use of "reversed air rights" in which vast underground garages will be dug out from the earth beneath crowded downtown sections of modern cities.

"This would eliminate the very ugly seas of parking in American cities," he said.

Gropius, who lives in a converted old dwelling near Harvard Square, believes 20th Century man really prefers to live close to his fellow man.

"People feel best when there is life whirling around them," he said. "When you press them together, like in the old towns of southern Europe — where you get more lively relations from man to man — people are happier."

ARCHITECTS, JOB CAPTAINS, AND DRAFTSMEN

Interested in progressive and exciting work with a long future.

Three years experience minimum requirement for applicants.

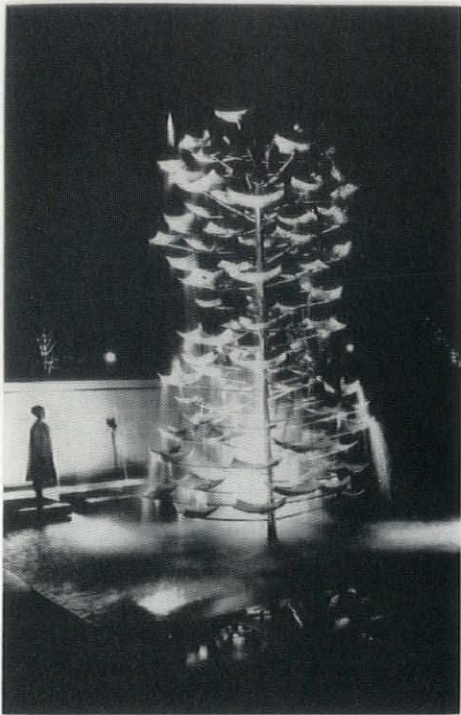
Salary open depending on experience and ability.

Wright-Gilfillen-Keske, Architects

1026 W. Goodale Blvd.

Columbus 12, Ohio — Telephone 291-4651

STAINLESS STEEL AND WATER SPARKLE IN NEW TREE FOUNTAIN

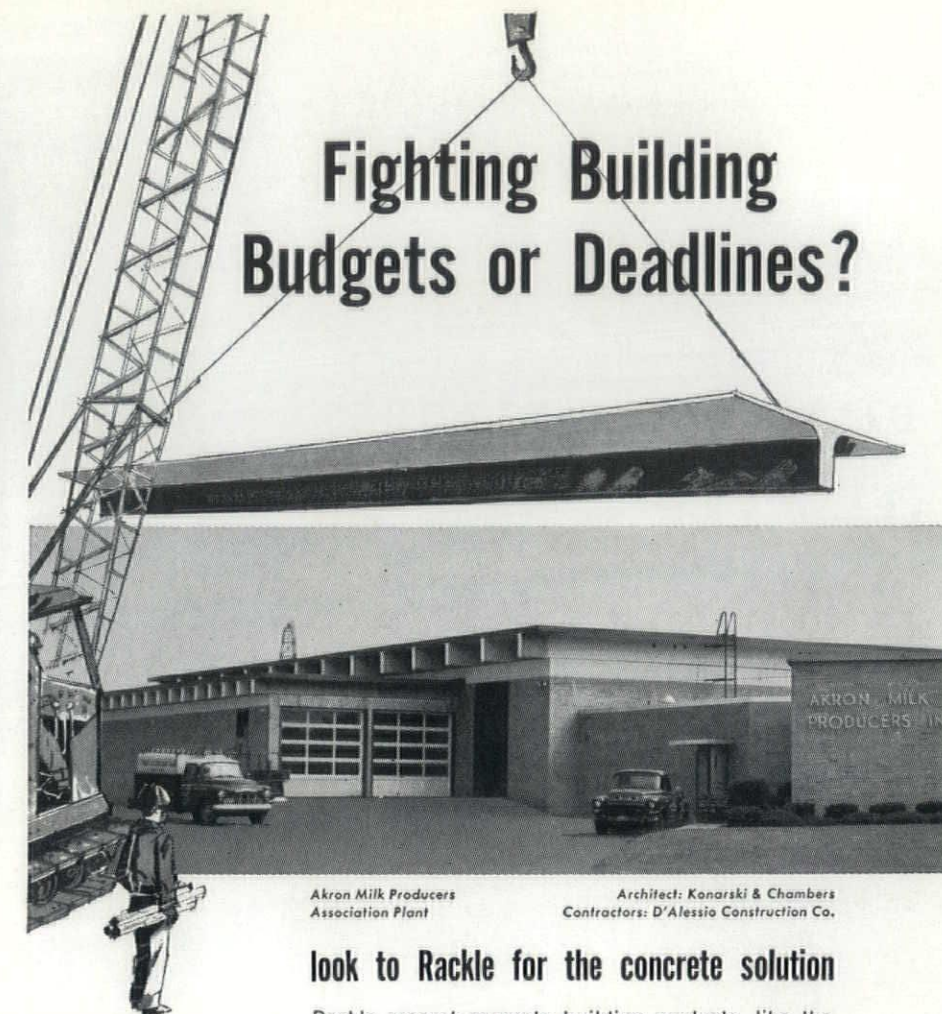


An unusual new fountain, shaped like an exotic tree of stainless steel, now adorns the Garden of the Provinces in Ottawa, Canada.

Designed by architect Norman Slater for the Canadian capital's National Capital Commission, the 25-foot-high fountain consists of a central trunk from which 100 curved branches project, each bearing a curved, rectangular leaf. Jets of water spray from most of these branches and splash downward from leaf to leaf below.

Before designing the fountain, architect Slater studied the proposed location and its surroundings. Finding that the buildings in the background had what he considered a "heavy" appearance, he determined to create a "light" design for the fountain.

Stainless steel turned out to be an ideal material for this purpose; its permanence and hard, dense surface permit it to retain a bright finish indefinitely and to withstand the attacks of time, water and weather, while its high strength permits the design of slender and delicate members that can withstand great stress. Since the fountain makes an attractive jungle gym for children when the water is shut off, each branch was designed to withstand at least 500 pounds loading de-



Akron Milk Producers
Association Plant

Architect: Kanarski & Chambers
Contractors: D'Alessio Construction Co.

look to Rackle for the concrete solution

Rackle precast concrete building products, like the prestressed GIANT TEE's above, are prefabricated to fit, erected by specialists with timetables that laugh at weather. The 8300 sq. ft. roof above was covered with 14 pieces 8 ft. wide by 70 ft. long in only 3 days.

Advantages? Consider the elimination of costly framing; extra headroom and unobstructed floor space gained. And, of course, a fireproof structure that needs no maintenance.



THE GEORGE RACKLE & SONS CO.

NEWBURG STATION, CLEVELAND 5, OHIO • LUDLOW 1-3131

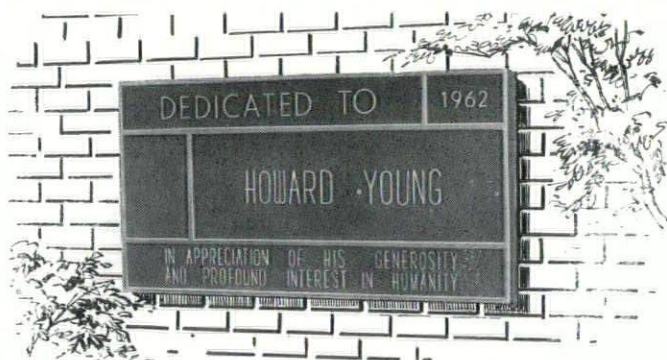
spite their narrow diameter of one and two-thirds inches and their sectional thickness of less than two-tenths of an inch.

Type 304 stainless steel, a chromium-nickel alloy, was used throughout the fountain in both tubular and sheet form. All surfaces were manually polished and buffed to a high finish.

During construction of the fountain, a number of special operating procedures had to be worked out by architect Slater, by Felix Kraus, the structural engineer, and by Canadair Limited, the fabricator. For example, in order

to create the tapering form of the trunk specified by the architect, it was necessary to cut a tapered wedge from one side of the stainless tube, then close the space on a brake press and weld it shut.

For the leaves, a form was made to the exact curvature required, plasticene balls were stuck to it to achieve the desired hammered pattern, and dies made from this model. The stainless steel sheet was then stretch formed into a smooth dish of the proper curvature and the pattern was stamped on by a 1,000-ton press.



DISTINCTIVE PLAQUES

tablets, memorials, honor rolls, etc.

ARCHITECTURAL
LETTERS IN A
LARGE
SELECTION OF
STYLES AND
SIZES

CUSTOM CREATIONS CAST
IN FINE BRONZE, ALUMINUM
OR ENAMELED COLORS

Highest standards of craftsmanship serving the requirements of architects and engineers for over 50 years. Prompt service on quotations to your sketch and specification.

FREE CATALOG
SEND SKETCH FOR
PRICE QUOTATION

ART IN BRONZE DIVISION
WOOSTER PRODUCTS INC., WOOSTER, OHIO

NAME _____

ADDRESS _____

CITY _____ STATE _____

KAISER ALUMINUM DOME RECEIVES U.S. PAT.

A United States patent (3,058,550) has been granted covering the Kaiser Aluminum dome and its structural components.

The dome, of stressed-skin geodesic type, was developed by Kaiser Aluminum & Chemical Corporation. Dome buildings ranging from 85 to 200 feet in diameter have been constructed for varied uses such as theatre, auditorium, exhibition or convention hall, sports arena, bank, airport building and factory.

The most recently completed dome is a 160-foot diameter building (see accompanying photo), The Stephan Student Activities Center on the University of Notre Dame campus at Notre Dame.

Among outstanding structures utilizing the Kaiser Aluminum dome have been the 200-foot diameter building erected as the central feature of the American exhibit at the 1959 Moscow Fair and a 144-foot diameter outdoor "sunshade" for the Miami, Florida, Seaquarium.

The domes utilize unique tetrahedral structural units formed from sheet aluminum, or other material, which comprise both the protective covering and the framework of the structure. Although the structural units are particularly adapted to use in geodesic domes, they may also be

ASO OFFICERS AND TRUSTEES

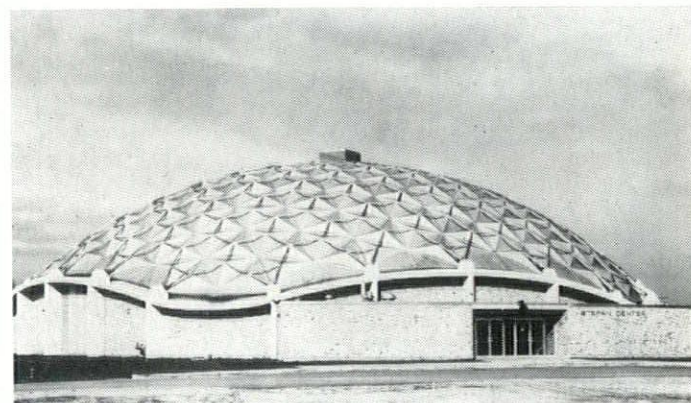


The Architects Society of Ohio elected officers are, standing L to R Joseph Tuchman, Akron, First Vice-President; Eugene F. Schrand, Cincinnati, Third Vice-President; William H. Wiechelmann, Cleveland, Secretary and Loren J. Staker, Columbus, Treasurer. Seated L to R are Howard B. Cain, Cleveland, Immediate Past President; Orville H. Bauer, Toledo, President and George B. Mayer, Cleveland, Regional Director.



ASO Board of Trustees members, standing L to R, are Robert E. Forsythe, President Eastern Ohio Chapter; Richard H. Eiselt, Columbus Chapter Representative; Robert H. Myers, President Columbus Chapter and George M. White, Cleveland Chapter Representative. Seated L to R are Ralph C. Kempton, Executive Secretary, State Board of Examiners of Architects; Robert J. Makarius, President Dayton Chapter; Edward A. Flynn, President Cleveland Chapter and William R. Bogart, President Cincinnati Chapter.

utilized to advantage in applications of more conventional design because of their exceptional strength, lightness and attractive appearance.



OHIO ARCHITECT

DANSIZEN JOINS CANTON FIRM

Lawrence, Dykes, Goodenberger & Associates, Canton Architects, announced recently that Kenneth H. Dansizen, Jr. will be an associate in the architectural firm.

Mr. Dansizen, age 32, resides at 5637 Circle Hill Drive, North Canton with his wife, Gloria and daughter Linda. He is a member of the Good Shepherd Lutheran Church, the North Canton Jaycees and the Eastern Ohio Chapter of the American Institute of Architects.



He was a graduate of McKinley High School in 1949 and took various courses at Fenn College and Kent State University while he was working as a draftsman. Last March he passed the State of Ohio examination after which he received his architect's license.

His architectural experience was gained at the firm of Lawrence and Dykes until 1958 then he worked for other architects in the Canton area and San Francisco, California. He returned to Lawrence, Dykes, Goodenberger and Associates in 1961.

With Mr. Dansizen's promotion the firm now includes six licensed architects. The others in the architectural firm, which was founded in 1947, are R. E. Lawrence, E. W. Dykes, R. A. Goodenberger, K. J. Breting and J. W. Martin.

OSU PROFESSOR RECEIVES FELLOWSHIP

Prof. Perry E. Borchers of the School of Architecture and Landscape Architecture at Ohio State University has been awarded a National Science Foundation Science Faculty Fellowship for the 1963-64 academic year.

Under the fellowship, Professor Borchers will carry on study and research in architectural photogrammetry at the Royal Institute of Technology, Stockholm, Sweden. His work will involve primarily the photogrammetric recording and measurement of structural movements.

FEBRUARY, 1963

**BUILD WITH SPEED
and ECONOMY...USE**

DOUBLE TEE SLABS

**Manufactured by the
PRECAST DIVISION
General Dredging Co., Inc.**

**Precast concrete Double-Tee slabs are
speedily erected at the job site, provide
immediate cover for the job, and fur-
nish a working deck. This fire-safe ma-
terial reduces insurance costs. Specify
Double-Tee slabs for quick delivery.**

Please write or phone
Ralph W. Walb
President
General Dredging Co., Inc.
2200 LaFontain St.
Fort Wayne, Indiana
Phone: Anthony 1453

DODGE REPORTS INCREASE IN CONSTRUCTION CONTRACTS

November contracts for future construction totaled \$187,162,000 in Ohio, up 10 per cent compared to November 1961, F. W. Dodge Corporation reported.

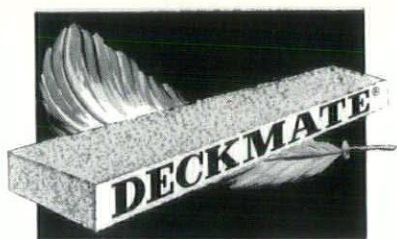
The following breakdown of November contracts for future construction in the state was reported by Dodge regional vice president Carl S. Bennett:

Non-residential at \$56,925,000, up 4 per cent; residential at \$74,132,000, up 5 per cent; and engineering construction at \$56,105,000, up 24 per cent.

The cumulative total of construction contracts for the first eleven months of 1962 amounted to \$1,871,359,000, a 2 per cent decrease compared to the corresponding year earlier level, according to the Dodge report.

A breakdown of the eleven month total showed:

Non-residential at \$589,102,000, down 13 per cent; residential at \$919,406,000, up 14 per cent; and engineering construction at \$362,851,000, down 15 per cent.

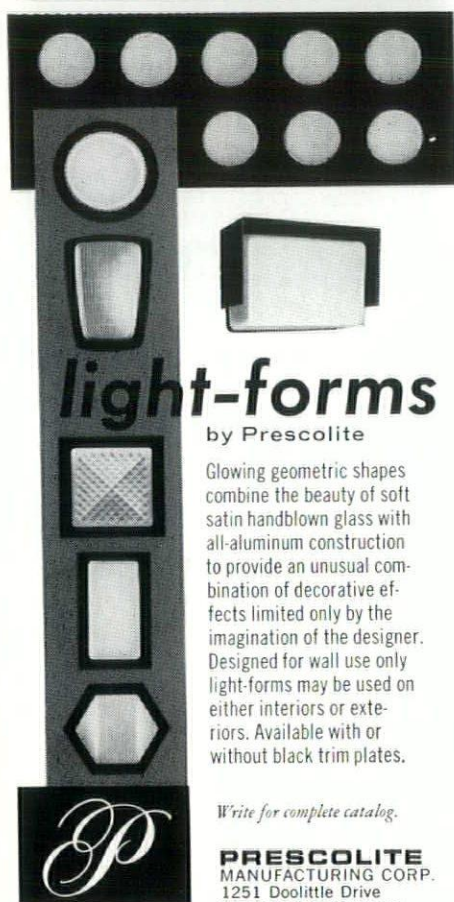


NEW PLASTIC FOAM ROOF INSULATION

- STRONG
- LIGHTWEIGHT
- NON-SHRINKING
- FEWER JOINTS
- LOWEST C FACTOR

ARCHITECTS — ENGINEERS — Write
for free complete Information
Brochure . . .

DYFOAM®
CORPORATION
202 E. CHERRY STREET
NEW CASTLE, PENNSYLVANIA



light-forms

by Prescolite

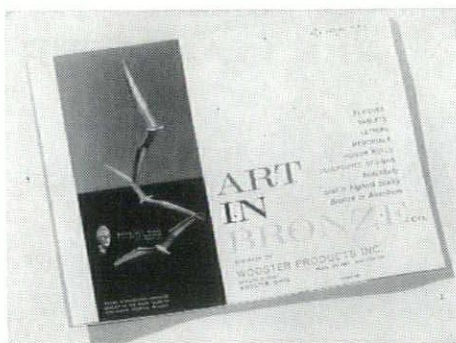
Glowing geometric shapes combine the beauty of soft satin handblown glass with all-aluminum construction to provide an unusual combination of decorative effects limited only by the imagination of the designer. Designed for wall use only light-forms may be used on either interiors or exteriors. Available with or without black trim plates.

Write for complete catalog.

PRESCOLITE
MANUFACTURING CORP.
1251 Doolittle Drive
San Leandro, California

FACTORIES:
San Leandro, Cal. • Warrington, Pa. • El Dorado, Ark.

NEW TABLET-LETTER DIVISION WOOSTER PRODUCTS INC.



The Art in Bronze Company, a newly acquired division of Wooster Products Inc., Wooster, Ohio, offers its 1963 catalog-brochure in color. Illustrated are unusual designs in cast aluminum and bronze identification tablets, dedicatory plaques, special designs, and a complete selection of exterior and interior cast aluminum and bronze letters.

Included in this folder are new ideas in custom designed plaques for schools, churches, hospitals and other buildings where an unusual effect is desired without the expense of sculpture work.

The Art in Bronze Company, formerly of Cleveland, Ohio, has specialized in fine, hand finished castings for over fifty years. As a division of Wooster Products Inc., it is being expanded to offer complete design, drafting, and sales service.

The new catalog-brochure will be sent without charge, by return mail. Write Art in Bronze Division, Wooster Products Inc., Spruce Street, Wooster, Ohio.

AMERICAN CYANAMID CO. OPENS COLUMBUS OFFICE

A sales office for the Building Products Division of American Cyanamid Company has been opened in Columbus at 1229 West Third Avenue it was announced today by Keith W. Harrison, marketing manager.

Mr. John E. Royal will head the office and is responsible for sales of SKY-DOME brand skylights in new homes and residential modernization.

The Columbus office services the entire state of Ohio, western Pennsylvania and northern Kentucky.

Necrologies

Charles H. Wiese, Cincinnati architect, was found dead in his room at 2652 Bellevue Avenue. He apparently died while getting dressed for work.

Mr. Wiese was associated with the firm of Cellarius & Hillmer.

In his early career, he worked as a draftsman with Charles F. Cellarius, architect. After studying architecture at the Massachusetts Institute of Technology, he worked, for 25 years, with the firm of Tietig & Lee. While with them he worked on the Christ Hospital project, Red Cross office building and the residence and chapel of Charles Williams. He went with Cellarius & Hillmer five years ago, and was associated largely with projects at Miami University, Oxford.

Clyde R. Seebach, 69, Forest architect, died recently in Kent, Ohio.

Mr. Seebach had been associated with Robert P. Alge of Findlay for the last ten years designing churches and schools in the area and in Cleveland. He recently completed the design for the addition to Wyandot Memorial Hospital in Upper Sandusky and also was the architect for Hardin Memorial Hospital.

Mr. Seebach was a member of the American Institute of Architects, Toledo Chapter; the Forest Masonic Lodge, the Findlay Chamber of Commerce and the Forest Presbyterian Church.

He is survived by his wife, Helen, and a daughter, Lorena Idale, a student at Marietta College.

POSITION OPEN

Architectural graduate with several years experience or equivalent being sought by architectural firm for responsible position doing commercial and public projects.

Salary is open depending on ability and experience. Write or call Executive Director, Architects Society of Ohio, Five East Long Street, Columbus, Ohio. Phone 221-6887.

Vallen Curtain Operating Equipment

for trouble-free performance
... year after year

Vallen ALL-STEEL CURTAIN TRACK

will outwear, outperform and outlast

- substitute metals • foreign imports and other sub-standard "short-life" units

World famous manufacturers, since 1916 of

- CURTAIN CONTROLS
- CURTAIN TRACKS
- SPECIAL OPERATING DEVICES

for

- Auditorium and theater stages
- Gym and room partitioning
- Lecture, class and conference rooms

for an answer to all curtain operating problems,
write for A. I. A. File #35



Advertisers in Ohio Architect

Arketex Ceramic Corp.	15
Dur-O-Wal. Inc.	2
Dyfoam Corp.	20
General Dredging Co.	19
Janson Industries	22
Little, George P. Co.	13
Meierjohan-Wengler Co.	22
Moore, Benjamin & Co.	16
Moscrip, Inc.	21
Newman Brothers, Inc.	16
Ohio Fuel Gas Co.	10
Ohio Power Co.	14
Portland Cement Assn.	23
Prescolite	20
Rackle, George & Sons Co.	17
Russell & Erwin Div.	
American Hardware Corp.	24
Vallen, Inc.	21
White Insurance Agency	21
Williams Pivot Sash Co.	22
Art in Bronze Div., Wooster Products Co.	18

FEBRUARY, 1963

Dur-O-wal Offers New Booklet

A new thirty-four page compendium of research studies in the masonry wall reinforcing field is now available from Dur-O-wal, manufacturers of masonry wall reinforcing systems.

Dur-O-wal considers this document the most complete gathering of pertinent research data on masonry wall reinforcement ever compiled. It includes a generous use of illustrations and statistical tables and covers such topics as: Metal reinforcing in lieu of headers, metal reinforcing in stacked bond masonry, cavity walls, with glass block, and use in combination with control joints.

Research studies from the University of Toledo and Armour Research Foundation, as well as technical background material published by various governmental and associated bodies, are included. Mortar-mix specifications for masonry walls are also covered.

The booklet, enclosed in a blue and black file folder, is available without charge from Dur-O-wal, P. O. Box 150, Cedar Rapids, Iowa.

CLEVELAND BUILDERS SUPPLY OPEN NEW PLANT

The Cleveland Builders Supply Company, a member of the Ohio Prestressed Concrete Association, has constructed and placed in operation a new plant for the processing and manufacture of precast and prestressed concrete products of every description.

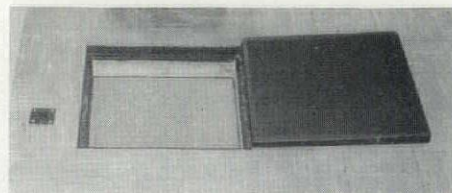
This plant is one of the largest of its kind in the United States with operations completely under cover. The plant has been designed to permit production on a year-round basis, regardless of weather conditions. It has 28,000 sq. ft. of floor space, has its own concrete batching facility, is equipped with overhead traveling cranes, and a service area 22 ft. by 160 ft. in size.



JAY C. EHLE space, has its own concrete batching facility, is equipped with overhead traveling cranes, and a service area 22 ft. by 160 ft. in size.

Jay C. Ehle was recently elected President and Chief Executive Officer for the company. He has been with Cleveland Builders Supply for 24 years, and for the last four years served as Vice-President and General Manager.

FLOOR ACCESS DOORS



FIRE-RATED —
approved by the
State of Ohio*

'FlorDor' is approved as an opening protective for fire ratings to 3 hours. It is the one door and frame designed to provide the most protection against heat transmission and explosive pressure from below. 'FlorDor' can be adapted to any floor condition or thickness. May also be used for labeled ceiling openings. 'FlorDor' provides top protection at minimum costs.

*An administrative action by the Division of Factory and Building Inspection, of the Ohio Department of Industrial Relations based upon the facts provided by the fire test of the 'FlorDor' made by the Ohio State University, Engineering Experimental Station against the standard ASTM time-temperature curve.



This label of State approval appears on every door and frame.

MOSCRIP, INC.

750 GREENLAWN AVE. — P. O. BOX 1155
PHONE: 225-4010 LIMA, OHIO

exclusively for members

- SERVICE
- INTEGRITY
- PROTECTION

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

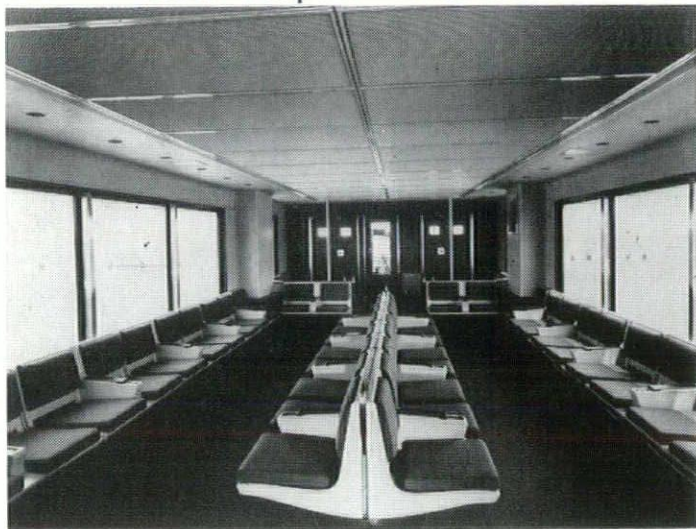
ARCHITECTS SOCIETY of OHIO

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

MR. SAMUEL WHITE

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

Waiting Room on Wheels Ends Airport Walkathon



The foot-fracturing walkathon from ticket counter to aircraft that has plagued passengers at the nation's big air terminals for years, has been abolished at the new Dulles International Airport in Washington, D. C. by the introduction of the mobile lounge.

Twenty of these "waiting rooms on wheels"—the largest automotive land vehicles ever built — taxi passengers the half mile from the terminal to the parked planes in club-car comfort, sheltered from weather and the noise and fumes of the jetport.

Each of these quarter-million-dollar step-savers is capable of transporting 90 passengers at a clip. At that, it takes two lounges or two trips to fill the bigger jets now plying the international airways. And by 1975 when additional gates at Dulles International will have been constructed and some aircraft will be parked as far as three miles from the terminal building, this number of mobile lounges may have to be doubled.

It is anticipated that nine million passengers will pass through Dulles International by that date and the present 24 mobile lounge positions will be increased to 56.

U.S. Plywood, exclusive distributor of Micarta, not only supplied most of the material for the interior shell of the mobile lounge, but the company's specialists in maintenance-free interiors for the transportation industry, also furnished design and application criteria for use of their products. Specially treated, heavy-duty plywood was used for flooring, while ceilings were fabricated with Dura-ply, a resin-fiber faced plywood to which the decorative vinyl was laminated.

The interior color scheme of the lounges is white, charcoal and dark red — keyed to the decor of the new terminal building.



Custom Fabricated **Lighting Fixtures**

in Ornamental
Bronze, Wrought
Iron, Aluminum,
Stainless Steel

Architectural Letters

in
Bronze, Aluminum
Nickel-Silver, Stainless Steel

Bronze or Aluminum

Memorials,
Honor Rolls,
Portrait
Tablets,
Plaques



*Catalogs & Estimates Sent
on Request*



Educational Television? Designing a Stage?

- LOADING INFORMATION
FOR STEEL DESIGN
- CIRCUITING LAYOUT
FOR STAGE LIGHTING
- SPECIFICATION DRAFT
FOR EQUIPMENT
- TV CAMERAS AND
CIRCUITS



Complete line of Fiberglass and
Plastic Draperies, Tracks, Dimmer-
boards, Spotlights, Gym Dividing
Curtains, etc.

The Janson Industries

Phone Collect GL 5-2241

Box 985

Canton, Ohio

"WILLIAMS" Reversible Window Fixtures

for wood windows
have now been on the market

FIFTY EIGHT YEARS

We also manufacture
ALUMINUM

Double Hung Reversible Windows
and
Single Sash Horizontally
Pivoted Windows

With "WILLIAMS"

all window cleaning is done
from inside at floor level — safely,
economically and conveniently

**THE WILLIAMS
PIVOT SASH CO.**
22841 Aurora Rd. Bedford, Ohio
GREENWOOD 5-1744

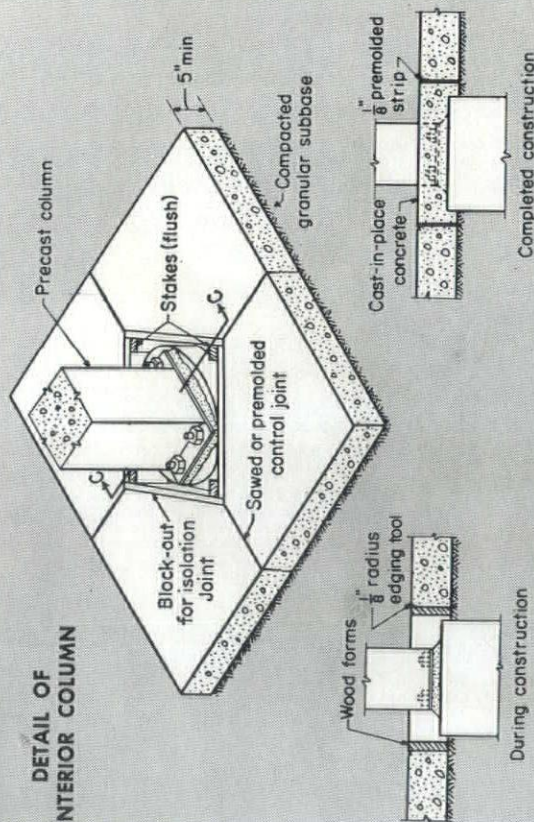
No. 1 concrete floor joints

a.i.a. file: 4-a

Prepared as a service to architects by Portland Cement Association

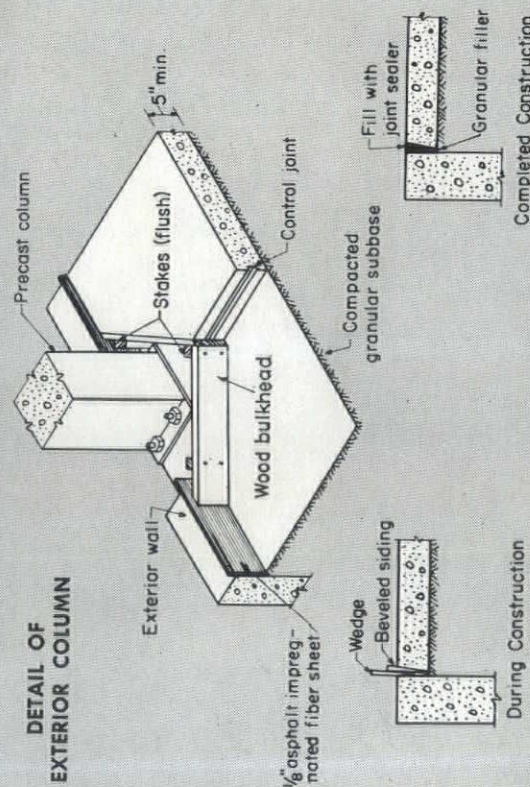
Clip along dotted line

DETAIL OF INTERIOR COLUMN



SECTION C-C SHOWING ISOLATION JOINTS

DETAIL OF EXTERIOR COLUMN



ALTERNATE WALL ISOLATION JOINT

Two types of joints recommended for slab-on-ground floors:

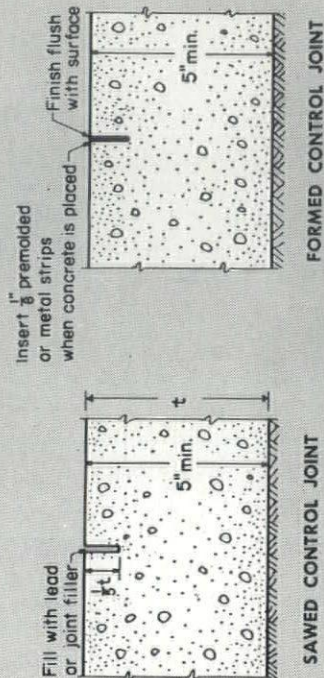
1. **Control joint**—allows differential movement only in the plane of the floor. Recommended spacing approximately 20 ft.

2. **Isolation joint**—allows differential movement in all directions.

Proper construction of control joints is important to satisfactory functioning of a floor on ground. In general, control joints are made by creating planes of weakness in the slab. Volume changes due to variation in temperature and moisture then occur without causing random cracking. Control joints may be made several ways. Sawing a slot in the top of the finished slab is often most economical.

Isolation joints separate or isolate concrete slabs from columns, footings or walls to permit both horizontal movement due to volume changes and vertical movement due to differential settlements.

Get complete technical literature on additional aspects of design of concrete floors, as well as any other applications of concrete. (U.S. and Canada only.) Send a request on your letterhead.



PORTLAND CEMENT ASSOCIATION

50 West Broad St., Columbus 15, Ohio

A national organization to improve and extend the uses of concrete

ARCHITECTS SOCIETY OF OHIO

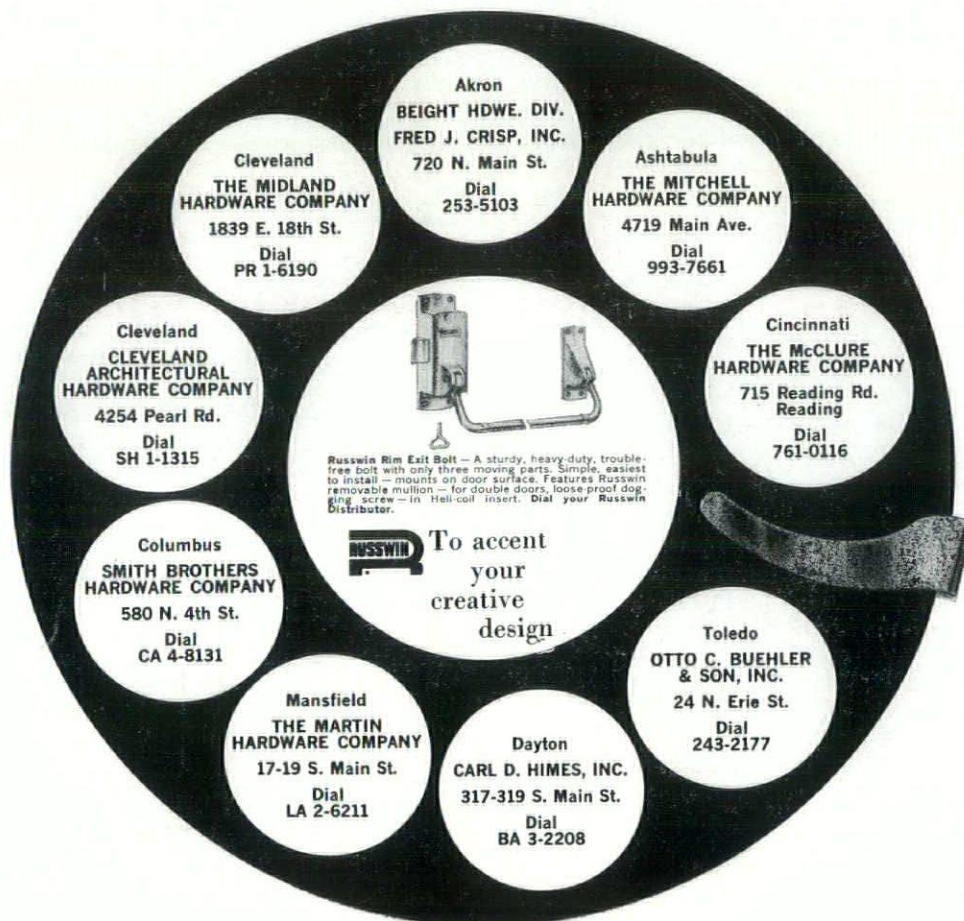
FIVE EAST LONG STREET

COLUMBUS 15, OHIO

RETURN REQUESTED

Accepted as controlled circulation
publication at Athens, Ohio

MR. G.E. PETTENGILL,
LIBRARIAN, AMERICAN
INSTITUTE OF ARCHITECTS
1735 N.Y. AVE., N.W.
WASHINGTON 6, D.C.



Akron
BEIGHT HDWE. DIV.
FRED J. CRISP, INC.
720 N. Main St.
Dial
253-5103

Ashtabula
THE MITCHELL
HARDWARE COMPANY
4719 Main Ave.
Dial
993-7661

Cincinnati
THE McCLURE
HARDWARE COMPANY
715 Reading Rd.
Reading
Dial
761-0116

Toledo
OTTO C. BUEHLER
& SON, INC.
24 N. Erie St.
Dial
243-2177

Dayton
CARL D. HIMES, INC.
317-319 S. Main St.
Dial
BA 3-2208

Mansfield
THE MARTIN
HARDWARE COMPANY
17-19 S. Main St.
Dial
LA 2-6211

Columbus
SMITH BROTHERS
HARDWARE COMPANY
580 N. 4th St.
Dial
CA 4-8131

Cleveland
CLEVELAND
ARCHITECTURAL
HARDWARE COMPANY
4254 Pearl Rd.
Dial
SH 1-1315

Cleveland
THE MIDLAND
HARDWARE COMPANY
1839 E. 18th St.
Dial
PR 1-6190

Russwin Rim Exit Bolt — A sturdy, heavy-duty, trouble-free bolt with only three moving parts. Simple, easiest to install — mounts on door surface. Features Russwin removable mullion — for double doors, loose-proof dogging screw — in Heli-coil insert. Dial your Russwin Distributor.

Russwin To accent
your
creative
design