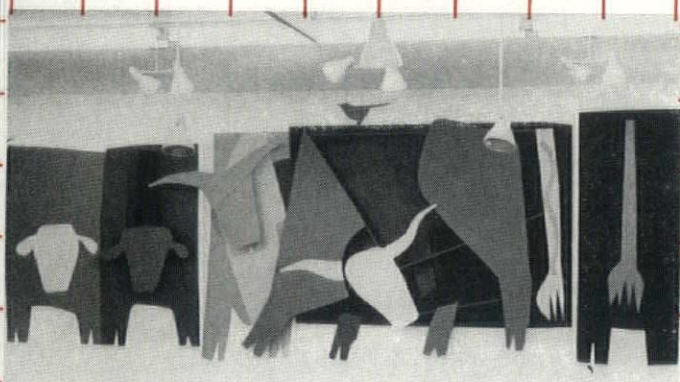
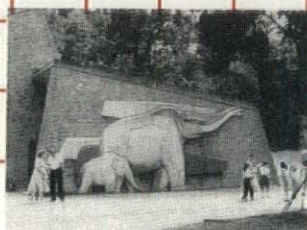


# OHIO ARCHITECT

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

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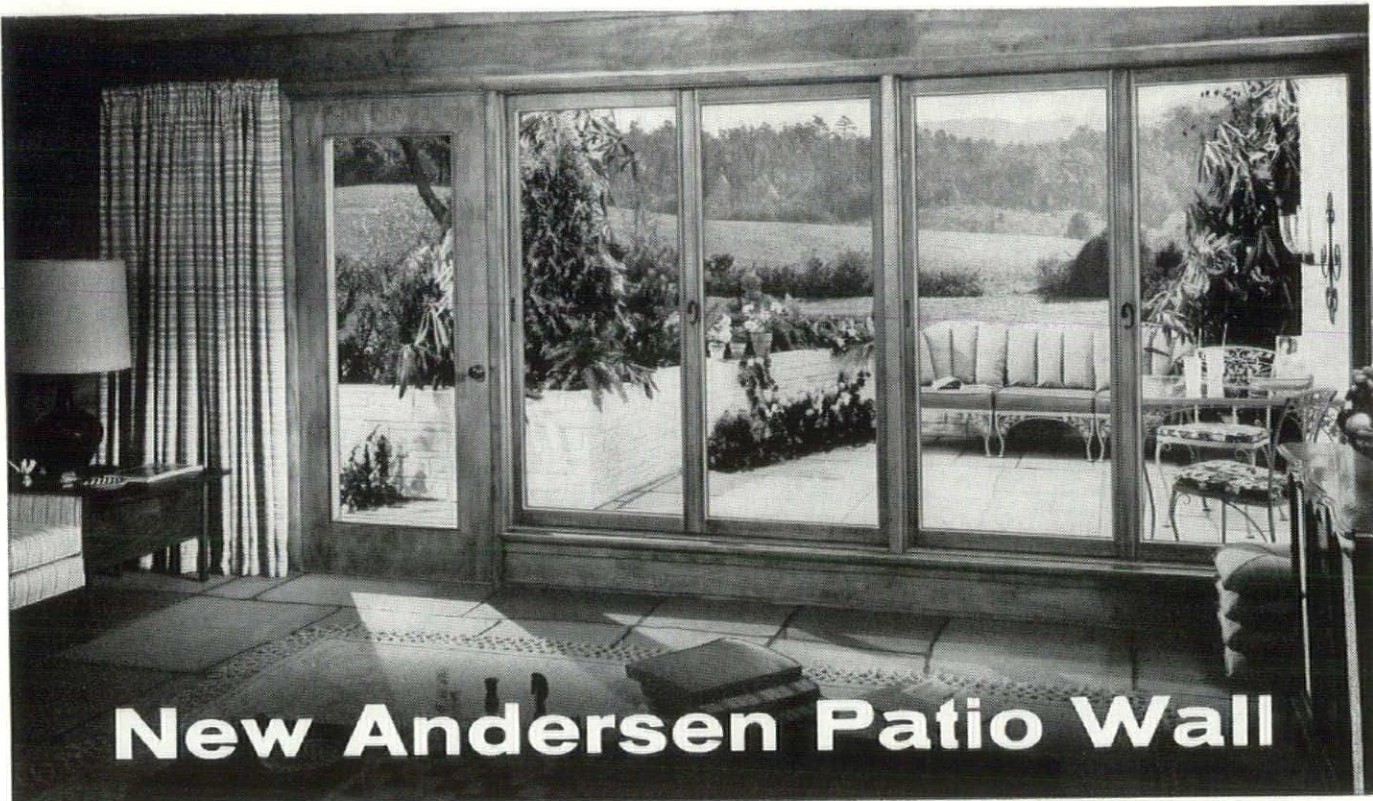
26<sup>th</sup>

Convention and Materials

Exhibit

official  
program





## New Andersen Patio Wall

Adds natural beauty...  
more weathertight,  
trouble-free than metal  
sliding door units

Here's a new, superior way to combine patio living and indoor comfort—the new Andersen Patio Wall consisting of two Andersen Gliding Windows plus matching door. Fashioned in wood for natural beauty, natural insulation, it costs *less* than metal sliding doors of acceptable quality, yet lets you offer clients these advantages—

**Trouble-free weathertightness.** Off-floor design gives greater floor-level comfort, better protection against rain or snow. No floor-level tracks to be damaged or fill with dirt, water or ice. Andersen Gliders open easily, close with sash in the same plane, *lock weathertight*. And wood sash and frames are up to 1,800 times more effective than metal in checking the conduction of heat or cold.

**Hinged (not sliding) door.** No jamming in damaged or dirt-collecting tracks. Less danger of glass breakage.

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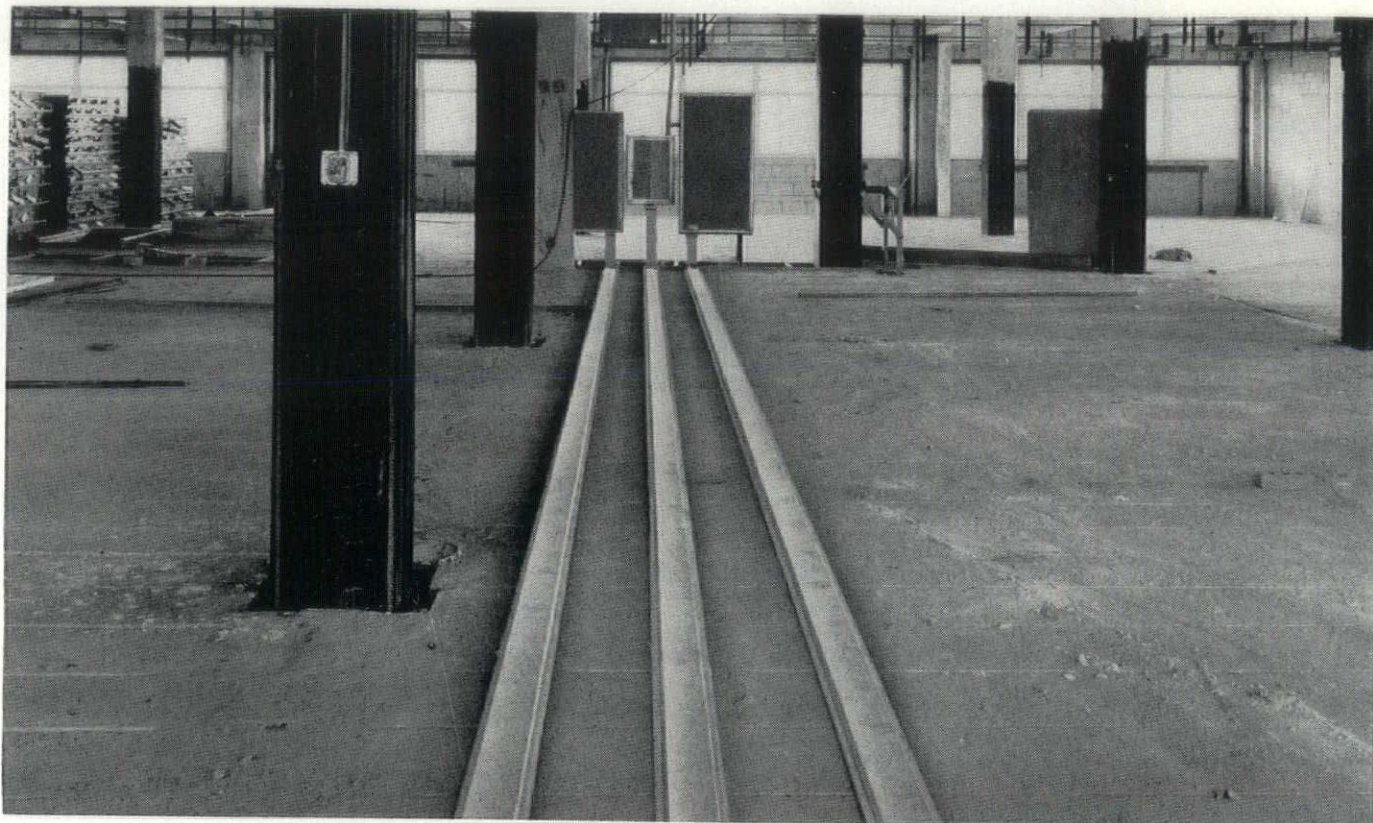
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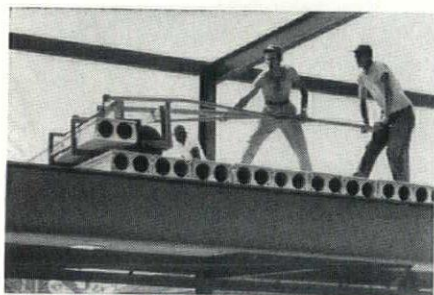
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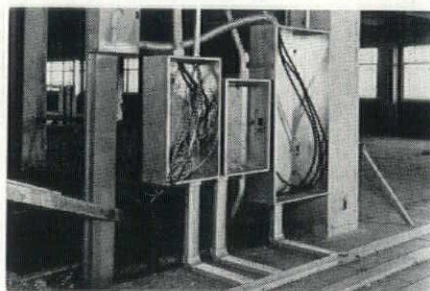




## These Header Ducts Make This Cellular Concrete Floor Electrically Alive



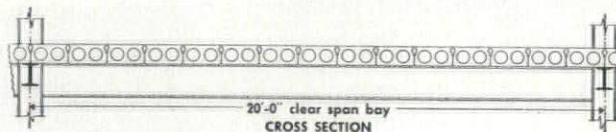
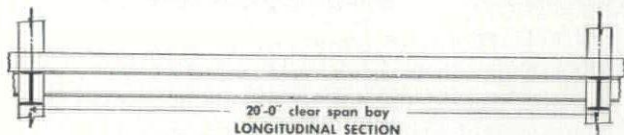
Hollow-cell Flexicore floor with  $1\frac{1}{2}$ " concrete topping has 3-hour fire rating from national authorities. Needs no fireproofing on ceiling.



Header ducts install on precast slab floor before topping is poured, and feed into cells in floor. Unlimited electrical distribution is available.



Floor outlets, like telephone outlet above, install quickly at any point above a cell. Electrical fittings manufactured by Conduflor.



Flexicore precast floors permit 20' x 20' clear span bays as shown above. For 32-page manual on Flexicore Electrified Floors write only manufacturer listed below, or the Conduflor Corporation, 13560 Lorain Ave., Cleveland, Ohio.

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More and more builders in Ohio are featuring telephone planned homes. If you're interested, call our Telephone Planning Service Department, and an expert Ohio Bell engineer will visit you with all the information, of course, without charge and at your convenience. He won't help sell your homes...but telephone planning will!

Buyers look for this sign  
of well-planned homes—  
designed for their families'  
convenient modern living.



# OHIO BELL



# OHIO ARCHITECT

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

OCTOBER, 1959

Volume XVII

Number 10

## CONTENTS

### FEATURES

St. Anthony's Church .....	8
26th Annual Convention Highlights .....	14
Convention Program .....	16
Producers Exhibit to be New and Diversified .....	18
Materials Exhibit Prize List .....	21
New Materials and Techniques Section .....	28



### AIA AND ASO NEWS

President's Sketchpad .....	17
ASO Annual Committee Reports—1958-59 .....	22-27
Appointment Calendar Available .....	46

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### COVER AND FEATURE MATERIAL

The cover illustrates the theme, "Fine Arts In Architecture," of the Society's 26th Annual Convention in Akron, October 14, 15, 16. It shows the work of a number of the featured panelists and speakers.

Cover format was designed by Burt V. Stevens, associate editor of the Eastern Ohio Chapter and general convention chairman.

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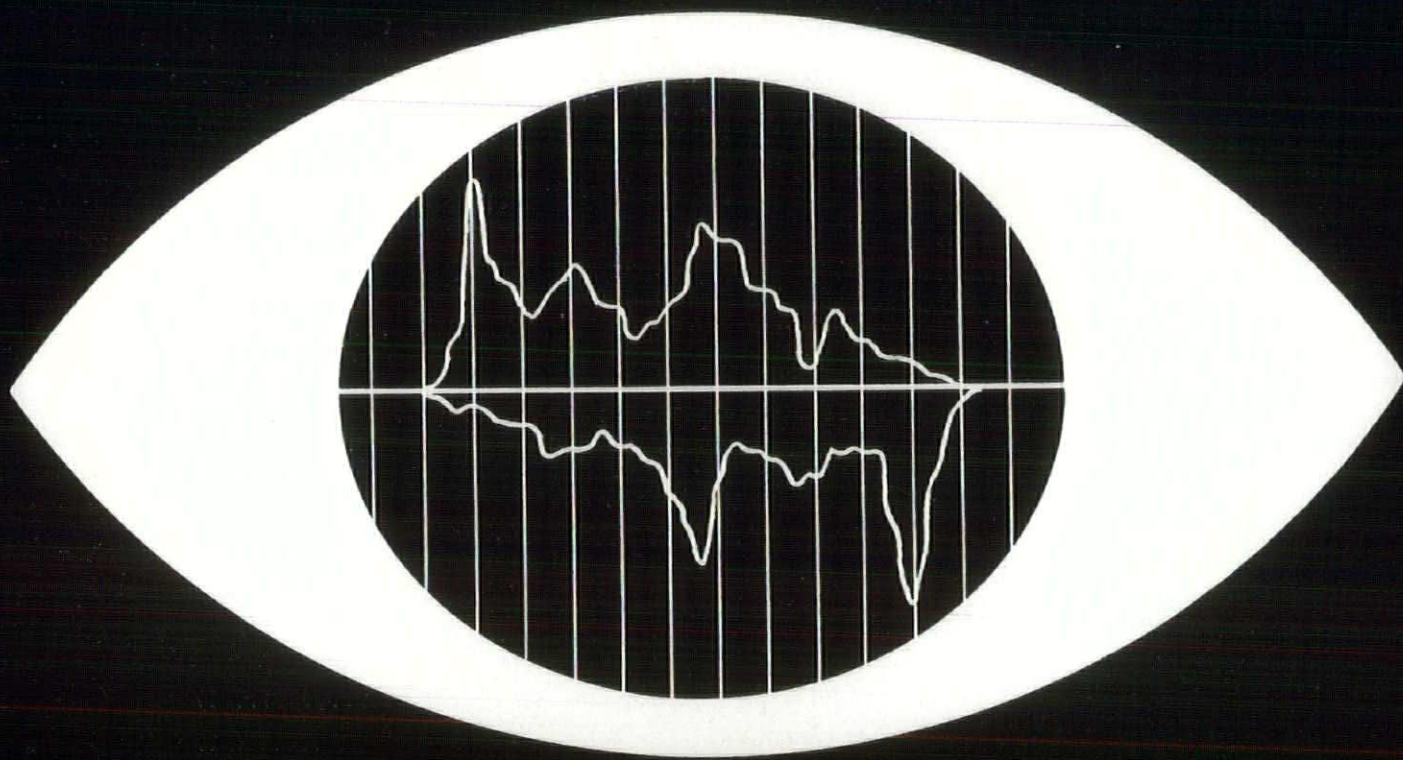
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# Check Up On Elevator Performance...



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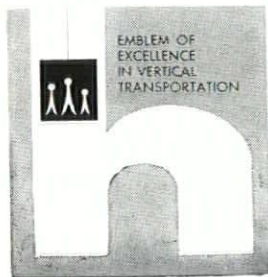
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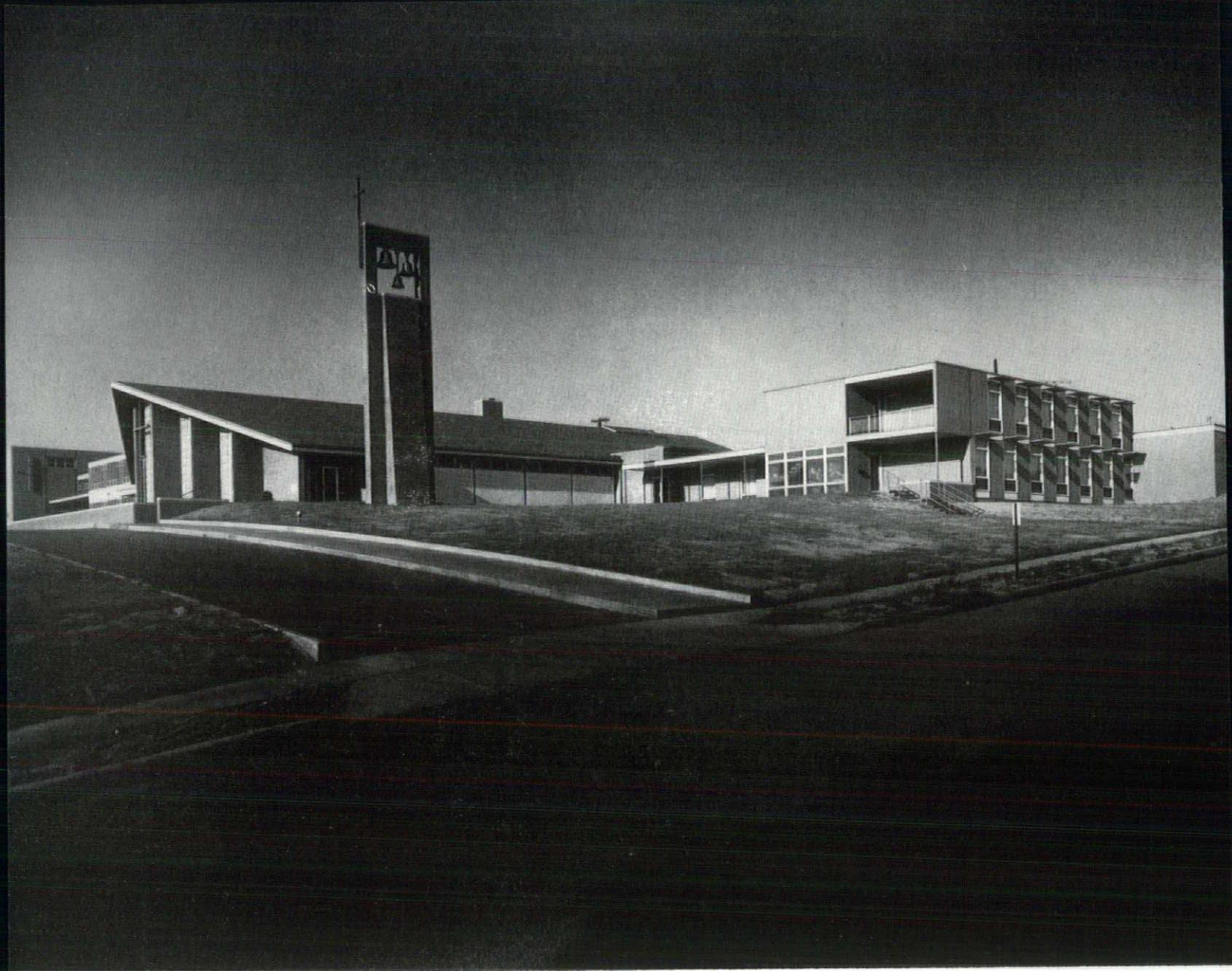
CITY \_\_\_\_\_ STATE \_\_\_\_\_



# MACOMBER

CANTON 1, OHIO





Architect P. Arthur D'Orazio and Associates

## St. Anthony's Church

The problem of designing a complete new parish plant for St. Anthony's in Youngstown, on a completely new and sloping site was a challenging one for the architects. The site overlooked the steel mills, with its changing colors of red, blue, purple and gray. It was decided to place all the major units of the parish so as to use the view to

the best advantage.

The complete plant—including the church, 16-room school, rectory and auditorium—is designed in a contemporary manner. The pastor and assistants turned their energies to the construction of this new project. Their main intention was to produce a complete parish project which would

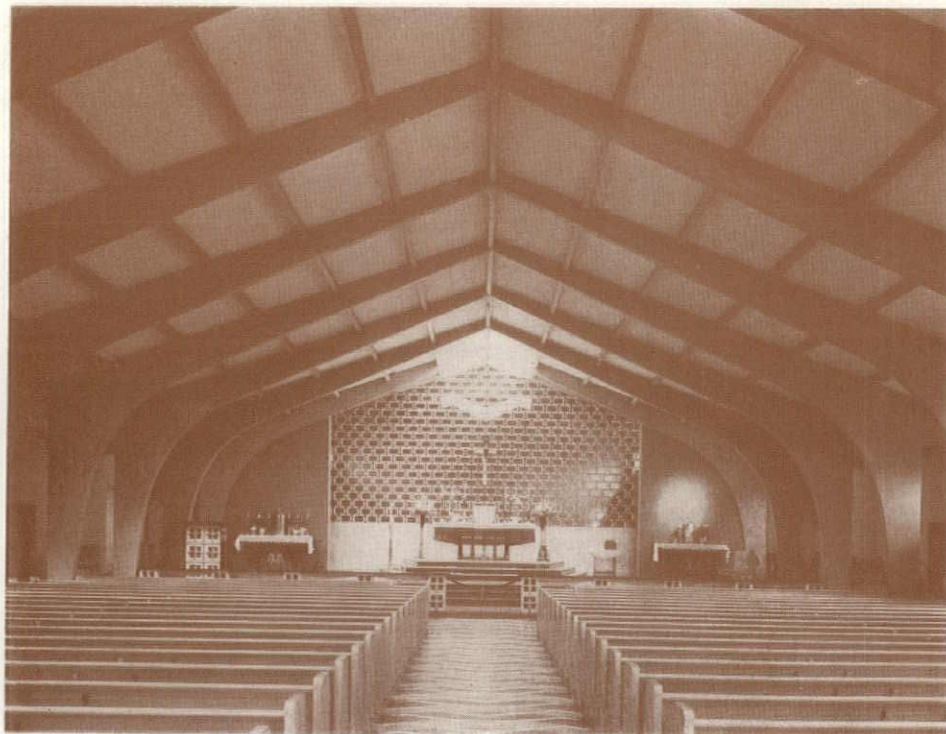


exemplify the concept behind the name of St. Anthony not only to the parish, but to all those of the community who view it. The new St. Anthony Parish is a tribute to the pastor and architects for the uniqueness of design and adaptability to the prevailing conditions of the plot.

A unique checker patterned window arrangement is the prominent feature of the rectory. The redwood exterior is stained with a silver type material. Offices connect the rectory with the church, and the school auditorium, cafeteria and gymnasium balance the other part of the plant.

The dominating section of the structure is the clean, simply designed church with an accenting tower standing free from the church. The tower now contains the existing church bell and two new bells.

The baptistery, visible from the



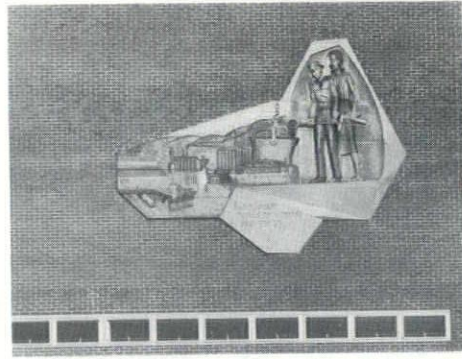


front by the angled roof and situated in the center, is at the front of the church with the altar and recessed one step. The baptistery font and rail were designed by the architects in keeping with the rubric of the Roman Ritual.

The entire front of the church is a mass of prefabricated silica concrete panels forming small cross designs and containing 1-inch thick multi-colored Blenko glass, chipped to give pleasing colors with the changing sun and shadows. The reflection of the colors are visible throughout the church and upon the altar.

Construction of the church proper utilized basic materials. Reinforced concrete forms the base of the front wall foundation while the walls are made with suntan brick exterior and interior. The south wall has a formed ceramic tile. The choice of materials and unusual use were the result of the effort to have economy in construction wherever possible.

The floor consists of black and white marble chips of terrazzo with an aisle design carrying the total design theme throughout the church. Radiant heat pipes, which will be of comfort, especially to elderly persons, are laid under the terrazzo. The exterior wall has a

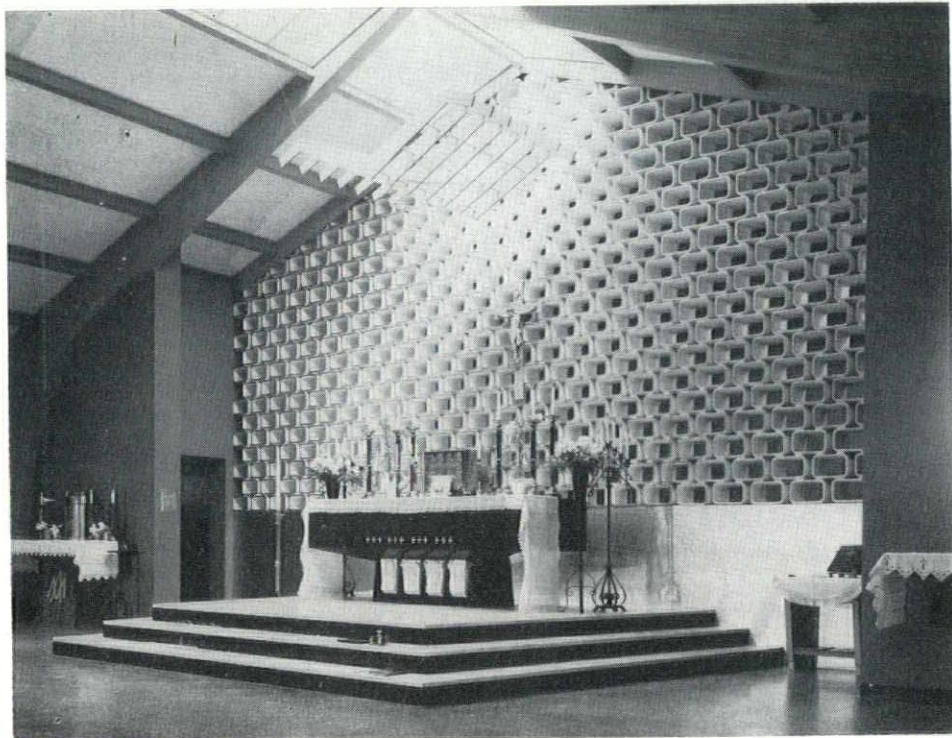


unit ventilating and heating system designed to change the air at least eight times per hour.

The roof consists of laminated wood trusses, purlins, and wood deck. The ceiling is covered with an acoustical tile.

The focal point of the church is the High Altar, which was fabricated in Italy. It is made of one piece for the mensa weighing five tons and a solid base with the carving of the symbolism of the four Evangelists. The predella is of marble, and the altar sits on a solid concrete foundation.

The rear screen wall consists of terra cotta chimney flue liners, giving an unusual perforated wall in keeping with the theme of economy and simplicity.







ARCHITECTS OF OHIO—WE INVITE AND WELCOME YOU TO AKRON  
Be sure to see our display — Booth No. 37

# MUSSON'S SAFETY DESIGN MATS and TREADS

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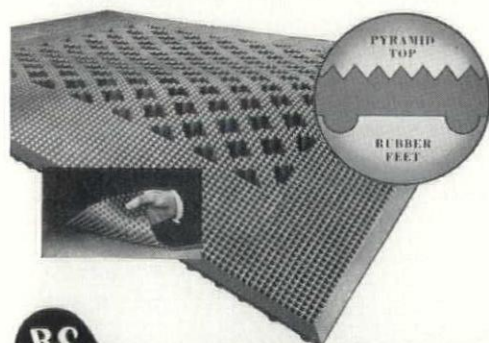
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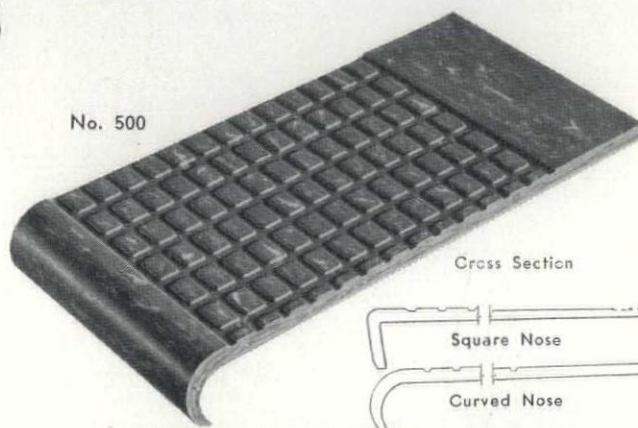
**DIMENSIONS:** Full  $\frac{1}{4}$ " thick throughout, with extra thickness on front edge.  $12\frac{1}{2}$ " deep, with smooth rear border, in widths of 24", 30", 36", 42", 48", 54", 61". (72" in square nose only.)

**COLORS:** Plain Black or Marbleized Colors of Red, Green, Gray, Mahogany.

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No. 500



Cross Section

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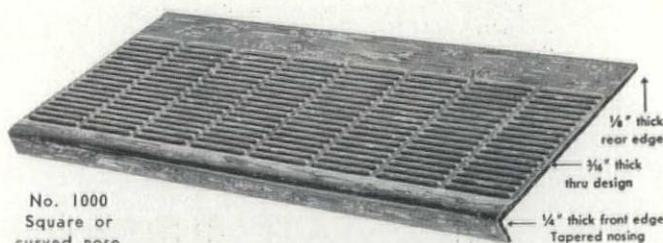
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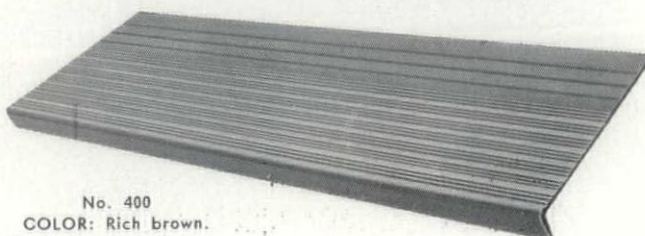
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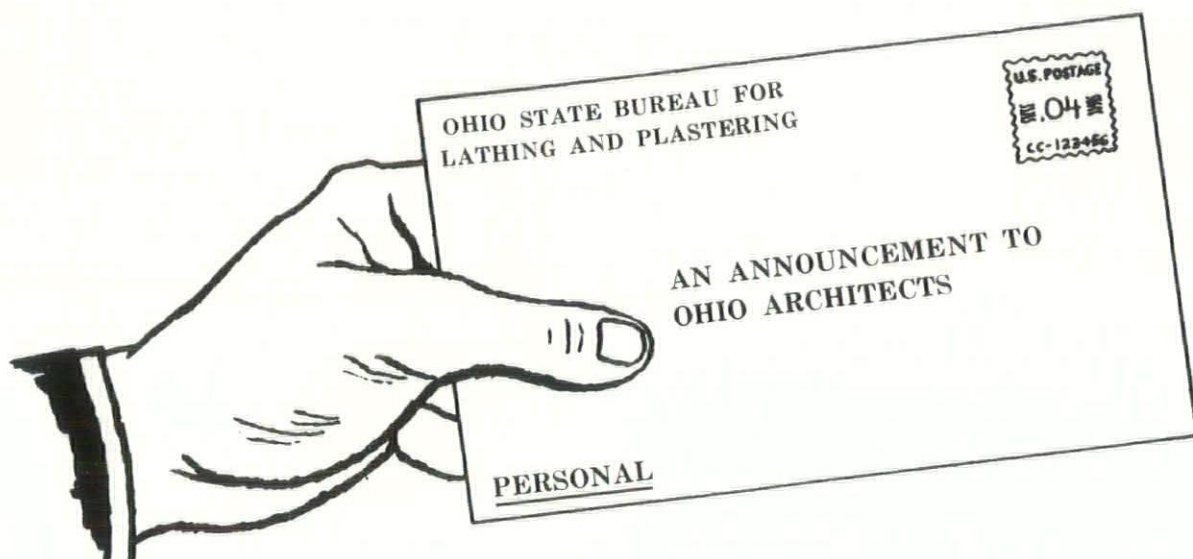
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We have taken the liberty of marking this letter to you "PERSONAL" . . . for that is just what we meant it to be. To disarm you by saying that we are not selling anything would not be strictly true. The Bureaus listed below exist for the purpose of selling an entire Industry. We are aware of the fact that we cannot benefit our Industry if we fail to be of benefit to you and the members of your profession. Hence this "Personal" note. By supplying you with objective technical information about lath and plaster and their application, we know that we can perform a very real service for your organization. We are also able to promote finer craftsmanship through an approved apprenticeship program.

Being jointly governed by both management and labor, we are in an unique position to deal impartially with all aspects of lathing and plastering. We invite your request, inquiries, or complaints. We do get complaints — and we deal with them promptly too! We also have at your disposal—Survey and Testing Results, a Consulting Service for New Products and their uses, and General Information Helps which include films, literature, arrangements for panel discussions and speakers. The help we can give you will be just as real and tangible as you permit it to be. So, please feel free to call on the Bureau in your area.

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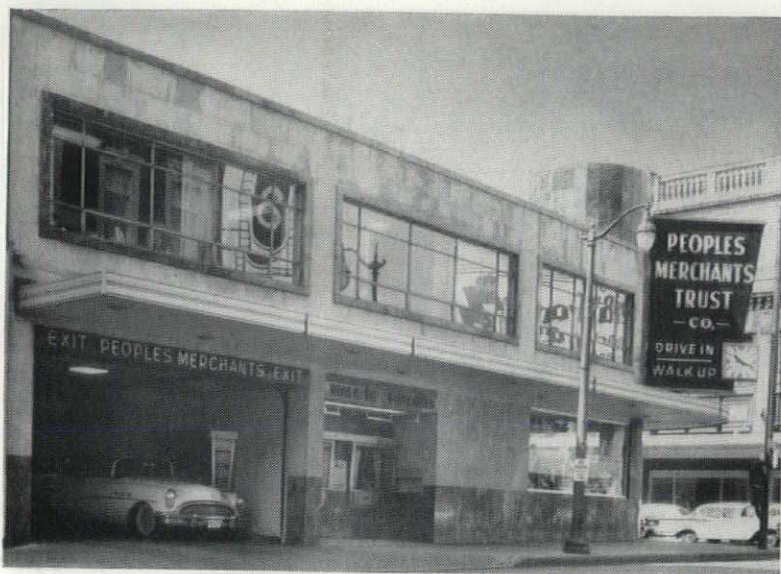
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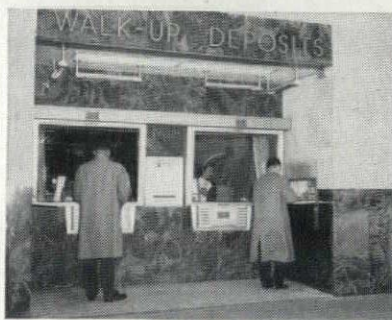


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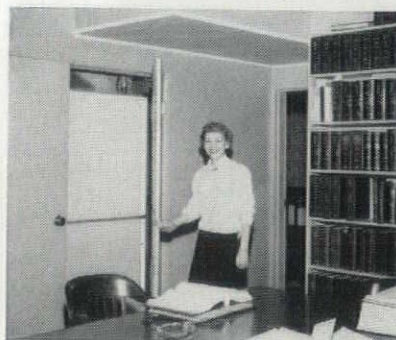


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## 26th Annual Convention

# Architects Society of Ohio of the American Institute of Architects

October 14, 15, 16  
1959

Sheraton Hotel  
Akron



Willet



Britsky



Lietzke



Fredericks

Eastern Ohio Chapter, host for the convention, through its Program Committee has scheduled speakers who are outstanding in their fields.

With Architecture and the Fine Arts as the convention theme, designers whose art forms embellish many contemporary buildings have been selected. They are men who have worked in fruitful partnership with architects both nationally and throughout the state. All will illustrate their talks with color slides or movies.

Crammed into two days are talks and seminars planned to stimulate professional thinking and knowledge and to bring together architects and artists. Dr. Henry Lee Willet of Philadelphia, whose medium is stained glass, will be the Thursday luncheon speaker. Nicholas Britsky, an artist and a member of the faculty at the University of Illinois will speak after the Friday luncheon.

The Fine Arts seminar planned for Thursday afternoon at the Akron Art Institute will feature Moderator Luke Lietzke, ceramist; Marshall Fredericks, sculptor; J. Byers Hays, FAIA; and Robert Morrow, muralist. James C. Rose, landscape architect, will speak at the Landscape Seminar on Friday afternoon.

Program for the Annual Banquet will feature "The Fine Art of Music" by Earl E. Kelly, Akron musician. Mr. Kelly is a concert pianist, composer, teacher, and lecturer and serves as Curator of Music for the Akron Art Institute. His informal discourses, punctuated by interludes at the piano, have been very popular in Akron's musical life. His works have been played in many cities in this country and

he has appeared in concerts throughout Ohio and performed with the Akron Symphony. This talk on another one of the arts will bring a delightful close to the three-day convention.

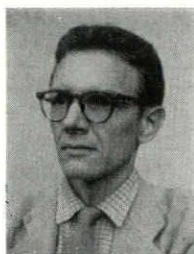
An exhibit of projects by the architectural students from Kent State University will be on display. Also to be exhibited are all AIA publications, Documents and Systems.

ASO business meetings will be conducted Thursday and Friday mornings and after the latter meeting there will be an AIA Materials seminar. Clinton H. Cowgill, FAIA, a top authority on office practice as it relates to the profession of architecture, will be the speaker. Linn Smith AIA, newly elected regional director—Great Lakes district AIA, is the featured speaker after the Thursday night buffet.

Early comers on Wednesday will have the opportunity to take part in two tours. One will be of the vinyl tile plant of Goodyear Tire & Rubber Co. and the other is down the deep Limestone mine of Columbia Southern Chemical Co. As more architects and their wives arrive, activities will be stepped up. Goodyear is to be host at the first afternoon cocktail party which will be followed by the traditional Ice Breaker.

The popular Ice Breaker and receptions before both dinners will provide three opportunities for mixing with distinguished guests and old friends from around the state. Music, entertainment and dancing will be the activities scheduled for the opening night party.

Morrow



Kelly



Cowgill



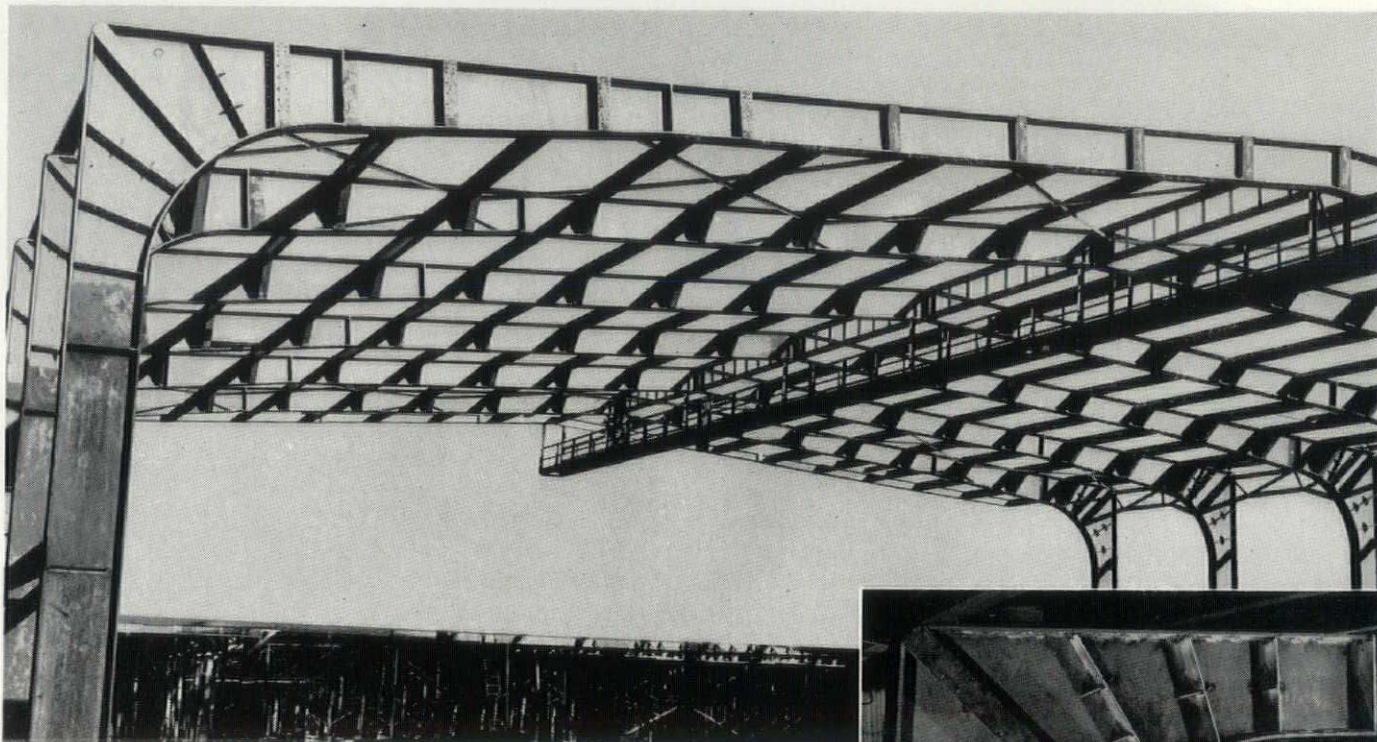
Smith



OHIO ARCHITECT



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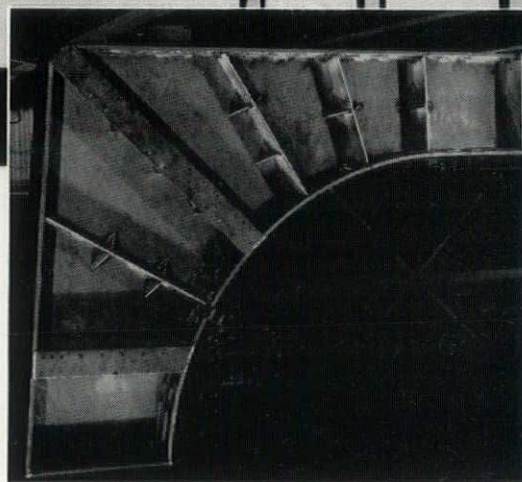
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# 26th ASO CONVENTION PROGRAM

(Eastern Daylight Time observed and all events to start promptly)

(ASO Headquarters & Registration—  
Akron Room, 2nd Floor)

Wednesday, October 14, 1959

## MORNING

10:30 A.M.—4:00 P.M.  
ASO Executive Board Meeting & Luncheon—  
Sheraton Rm., 4th Floor

## AFTERNOON

1:00—9:00 P.M.  
Registration—Akron Room, 2nd Floor.  
2:00—5:00 P.M.  
Columbia Southern Chemical Tour  
(cars leave hotel 2:00 P.M.)  
Goodyear Rubber Flooring Tour  
(cars leave hotel 2:00 P.M.)  
3:00—8:00 P.M.  
Materials Exhibit—Lobby, 2nd and 3rd Floors.  
(Building Industry and Community Officials  
Guests.)  
4:30—6:00 P.M.  
Press Party—ASO Suite.

## EVENING

6:00—8:00 P.M.  
ASO Executive Board Annual Dinner—  
Parlor E, 3rd Floor.  
8:00 P.M.  
Ice Breaker Party—Ballroom, 2nd Floor.

Thursday, October 15, 1959

## MORNING

8:30 A.M.—5:30 P.M.  
Registration—Akron Room, 2nd Floor.  
9:00 A.M.  
Materials Exhibit Opens—Lobby,  
2nd & 3rd Floors.  
9:30—11:30 A.M.  
ASO Business Meeting—Parlor E, 3rd Floor.  
10:00—11:00 A.M.  
Exhibitors' Seminar—Ballroom  
James F. Knapp presiding and architects panel.  
11:30—12:30  
View Materials Exhibit.

## AFTERNOON

12:30—2:00 P.M.  
Opening Luncheon—Ballroom, 2nd Floor  
President Joseph F. Morbito, E.O. Chapter,  
presiding  
Invocation—The Reverend Paul S. Kershner  
First Congregational Church  
Welcome—The Honorable Leo Berg  
Mayor, City of Akron  
Speaker—Dr. Henry Lee Willet  
"Stained Glass Today—  
Law, Grace, Truth"  
2:30—5:00 P.M.  
Fine Arts Seminar—at Akron Art Institute  
(Busses leave hotel 2:15)  
"Combination of the Fine Arts"  
Mrs. Luke Lietzke—moderator  
Marshall Fredericks—sculptor  
Robert Morrow—muralist  
J. Byers, FAIA, Architect

2:30—6:00 P.M.  
Materials Exhibit Opens—Lobby,  
2nd & 3rd Floors.  
(Building Industry and Community Officials  
Guests.)  
5:00—6:00 P.M.  
Reception—at Akron Art Institute  
(Busses return to hotel 6:00 to 6:30)

## EVENING

7:30—9:00 P.M.  
Buffet Dinner—Ballroom, 2nd Floor  
Speaker—Linn Smith, Birmingham Michigan  
Director, Great Lakes District, AIA  
9:00—10:00 P.M.  
Exhibitors' Open House

Friday, October 16, 1959

## MORNING

8:00—9:00 A.M.  
Exhibitors' Breakfast and Discussion—Ballroom,  
2nd Floor  
Harold W. Goetz, presiding (Courtesy of OHIO  
ARCHITECT and the Architects Society of Ohio)  
8:30—5:30 P.M.  
Registration—Akron Room, 2nd Floor  
9:00—3:00 P.M.  
Materials Exhibit Opens—Lobby,  
2nd & 3rd Floors  
9:30—10:30 A.M.  
ASO Business Meeting—Parlor E, 3rd Floor  
10:30—12:00  
AIA Materials Seminar—Parlor E, 3rd Floor  
Speaker—Clinton H. Cowgill, FAIA  
12:00—1:00 P.M.  
View Exhibits

## AFTERNOON

1:00—2:30 P.M.  
Luncheon—Ballroom, 2nd Floor  
Harold W. Goetz, presiding  
Invocation—Rabbi Abraham Leibtag  
Anshe Sfard Synagogue  
Speaker—Nicholas Britsky—University of Illinois  
"Art in European Architecture"  
2:45—5:00 P.M.  
Landscape Seminar—Parlor E, 3rd Floor  
Speaker—James C. Rose, Ridgewood, N. J.

## EVENING

6:00—7:00 P.M.  
President's Reception—Ballroom, 2nd Floor  
7:00—10:30 P.M.  
Annual Banquet—Ballroom, 2nd Floor  
Hermon S. Brodrick, presiding  
Invocation—The Rev. Edward M. Horning  
St. Hilary Parish  
Introductions and Awards  
Speaker—Earl E. Kelly  
"The Fine Arts of Music"  
Installation of ASO Officers.



LADIES PROGRAM  
(Eastern Daylight Time)

Wednesday, October 14, 1959

AFTERNOON

- 2:00—4:30 P.M.  
Bridge—Parlor E, 3rd Floor
- 8:00 P.M.  
Ice Breaker Party—Ballroom, 2nd Floor

Thursday, October 15, 1959

MORNING

- 9:00—10:30 A.M.  
Coffee Hour—Merry Man Tavern Foyer
- 10:30—12:00  
Firestone Tire Tour  
(cars leave hotel 10:15 A.M.)

AFTERNOON

- 1:00 P.M.  
Luncheon & Fashion Show—Georgian Room,  
O'Neils, 2nd Floor  
(walk from hotel)
- 4:00—5:00  
Gallery Tour—Akron Art Institute  
(busses leave Hotel Sheraton 3:00 P.M.)
- 5:00—6:00  
Reception—Akron Art Institute  
(busses return to Hotel 6:00 to 6:30)

EVENING

- 7:30—10:00 P.M.  
Buffet Supper and Exhibitors' Open House—  
Ballroom, 2nd Floor

Friday, October 16, 1959

MORNING

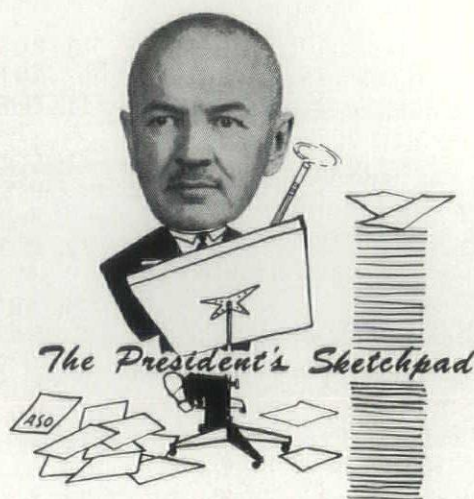
- 9:00—10:30 A.M.  
Coffee Hour—Merry Man Tavern Foyer
- 11:00—12:00  
Brunch—Woman's City Club  
(busses leave hotel 10:45)

AFTERNOON

- 1:00—3:00 P.M.  
Stan Hywet Tour

EVENING

- 6:00—7:00 P.M.  
President's Reception—Ballroom, 2nd Floor
- 7:00—10:30 P.M.  
Annual Banquet—Ballroom, 2nd Floor.



This will be the last of my contributions to the sketchpad which was initiated this year to present sketch type notes and brief information about the current activities of the Society . . . It has been an immensely interesting challenge to write each month something new and appealing to each of you as readers . . . Your kind expressions and thoughts of its contents have been a definite help to me, more than I can state in words . . . It is a pleasure now to reminisce for the year since last October . . . This year 1958-1959 presented many opportunities to the Architect, his profession and the Architects Society of Ohio representing the profession in Ohio . . . Important action was accomplished as follows . . . The consideration of many bills before state legislature . . . The completion of the Building Code . . . A proposed television program presenting the Architect and Architecture of Ohio . . . The second Scholarship Award . . . The establishment of a new committee structure and vice president assignment of committee responsibility . . . The successful committee workshop meetings . . . A new recommended fee schedule completed . . . A pilot building code meeting for chapters . . . Continued review and action concerning registration law and practice . . . Definition of the Practice of Architecture . . . New proposed committee manual . . . And last but not least a new secretary in the ASO office . . . I urge each of you to read the complete committee reports in this issue of *Ohio Architect* for the detailed information about these and many other activities considered by the various committees and the Executive Board . . . It is with sincere gratitude to all the ASO members' committee members, committee chairmen, Executive Board representatives, ASO officers, the Executive Director and his secretary that this year has been a most successful one . . . With the same continued support and assistance the Architects Society of Ohio will in the future be the true spokesman in the State of Ohio . . . Norma and I express our thanks to all the architect friends of the ASO who have made this past year a most pleasurable one which will be remembered for a long long time.



# Products Exhibit to be New and Diversified

This year's product exhibit at the ASO 26th Annual Convention and Materials Exhibit promises to be one that the architects of Ohio will appreciate and long remember—particularly for the expertness with which the displays have been arranged and the diversification of the products and services to be shown.

It is gratifying to note that many old ASO exhibitors have returned again to show the improvements that have been made in their products during the last year—and it is especially gratifying that many new companies have felt that participation in the Society's Convention will be of benefit to them.

The following exhibitors have gone to a great deal of expense to see that the architects of Ohio are kept aware of their services, and it is the hope of the Executive Board of the ASO and the Convention Committee that all architects attending the convention will avail themselves of the opportunity to visit with the representatives of the more than 50 companies displaying their products.

Be sure to visit each and every one of the booths listed below.

Booth No.	Exhibitor
A&C	STROMBERG-CARLSON Rochester, N. Y.
B.	ENDICOTT CHURCH FURNITURE INC. Winona Lake, Indiana
D.	OHIO STEEL FABRICATORS ASSN.
1.	STARK CERAMICS, INC. Canton, Ohio
2.	E. K. GEYSER CO. Pittsburgh 3, Pa.
3.	NOBIS DECORATING CO., INC. North Canton, Ohio
4.	THE AKRON FLOORS CO. Akron, Ohio
5.	THE GEORGE P. LITTLE CO., INC. Cleveland 29, Ohio
6.	BOIARDI TILE MFG. CORP. OF OHIO Cleveland 13, Ohio
7.	HUNTER DOUGLAS DIV. OF BRIDGEPORT BRASS CO. Melrose Park, Ill.
8.	AMERICAN OLEAN TILE CO. Lansdale, Pennsylvania
9.	THE MOSAIC TILE CO. Zanesville, Ohio

10. RUSSWIN DISTRIBUTORS OF  
OHIO
11. THE WILLIAMS PIVOT SASH CO.  
Cleveland, Ohio
12. STRUCTURAL CLAY PRODUCTS  
INSTITUTE  
Region 4—Canton, Ohio
13. PITTSBURGH PLATE GLASS CO.  
Akron 4, Ohio
14. ARCADIA METAL PRODUCTS  
Fullerton, California
15. THE CLEVELAND BUILDERS  
SUPPLY CO.  
Cleveland 13, Ohio
16. PLASTEEL PRODUCTS CORP.  
Washington, Pennsylvania
17. BUILDEX, INC.  
New Lexington, Ohio
18. INLAND STEEL PRODUCTS CO.  
Milwaukee 1, Wisconsin
19. JOHN W. WINTERICH &  
ASSOCIATES, INC.  
Cleveland 15, Ohio
20. UNITED STATES CERAMIC  
TILE CO.  
Canton 2, Ohio
21. LAKE ERIE FLEXICORE, INC.  
Kent, Ohio
22. STRUCTURAL FOAMS, INC.  
Cleveland 3, Ohio
23. thru 26. HOSPITALITY ROOM  
Courtesy of Your Local Electric  
Utility
27. JOSEPH H. MALONEY INC.  
Cleveland 21, Ohio
28. LABCO, INC.  
Cleveland 25, Ohio
29. HANDEL DAVIES CO.  
Cleveland 21, Ohio
30. PERMACRETE PRODUCTS CORP.  
Columbus 7, Ohio
31. WICKS ORGAN COMPANY  
Highland, Illinois
32. GRECO FLOORS  
Cleveland, Ohio
33. MARIETTA PAINT &  
COLOR DIV.  
AMERICAN-MARIETTA CO.  
Marietta, Ohio
34. & 41. ANDERSEN CORP.  
Bayport, Minn.
35. HYDRAULIC-PRESS BRICK CO.  
Cleveland, Ohio
36. OHIO BELL TELEPHONE CO.  
Cleveland, Ohio
37. THE R. C. MUSSON RUBBER CO.  
Akron 8, Ohio
38. WILKINSON CHUTES INC.  
Akron, Ohio
39. JANSON INDUSTRIES  
Canton, Ohio
40. BRIAR HILL STONE CO.  
Glenmont, Ohio
42. & 43-B MODU-WALL, INC.  
L. JOHN LEE  
Cleveland, Ohio



Seated left to right are Hugh Olmes, Mural Arts; Burt V. Stevens, ASO general convention chairman; T. E. McCarthy, Boiardi Tile; and James Platt, Structural Clay Products Institute; Standing is Hermon S. Brodrick, president ASO.

- 43A & 44. METROPOLITAN BRICK  
CO.
45. LENAWEE PEERLESS INC.  
Adrian, Michigan
46. MURAL ARTS  
Canton 4, Ohio
47. LIBBY-OWENS-FORD  
GLASS CO.  
Toledo 3, Ohio
49. TREFFZGER'S, INC.  
Cincinnati, Ohio
50. OHIO LIGHTNING ROD,  
ASSOCIATES  
Akron, Ohio
- A1 & A2 THE GENERAL TIRE &  
RUBBER CO.  
Building Materials Div.  
Akron 9, Ohio
- B1 RUUD MANUFACTURING CO.  
Kalamazoo, Michigan
- B2 GARNETT CHURCH FURNITURE  
Garnett, Kansas
- C1 THE AIROLITE CO.  
Marietta, Ohio
- C2 THE VENTILLOUVRE CO.  
Marietta, Ohio
- H THE SHELBY SPRING HINGE CO.  
Shelby, Ohio

## Convention Photographer Is Chosen



Buker

Don Buker, 1004 Dartmor St., Cleveland, has been appointed the official photographer for the 26th Annual ASO Convention in Akron.

Mr. Buker was also the official convention photographer for the American Institute of Architects Convention in Cleveland last year.



## Convention Exhibits To Be Outstanding

A highly informative and attractive 65-booth materials exhibits display is guaranteed for the 26th ASO Convention in Akron, through the complete cooperation of exhibitors, an interested exhibitor's advisory committee and a hard-working convention exhibits committee.

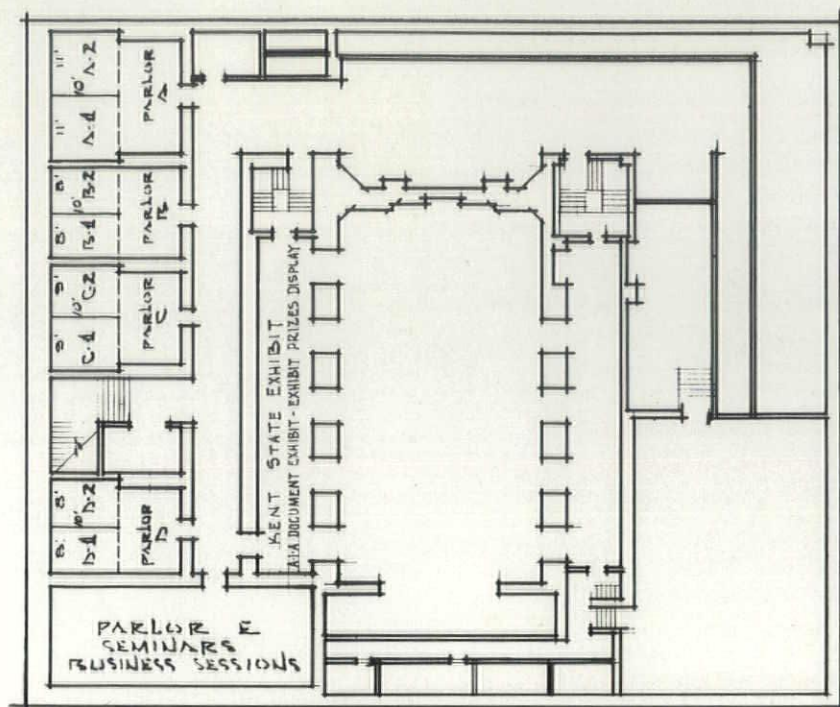
Three floors of the Sheraton Hotel will contain the latest in building materials and methods, and technical and sales representatives will be on hand to explain their products and answer delegates' questions. Displays will be in the main lobby, 2nd floor-Ballroom, Ohio Room, and corridors and 3rd floor-Parlors and Ballroom Balcony. Every available inch of hotel display space has been reserved to house this important part of the convention program.

With the coordination of the two committees, exhibitors have been acquainted with the wishes and interests of the architect delegates when visiting the various booths, and the convention officials and planners have become better acquainted with the problems and aims of the building materials manufacturers and suppliers. Exhibitors have been encouraged by their advisory committee to attract the passer-by with the newest of products, handsomely displayed.

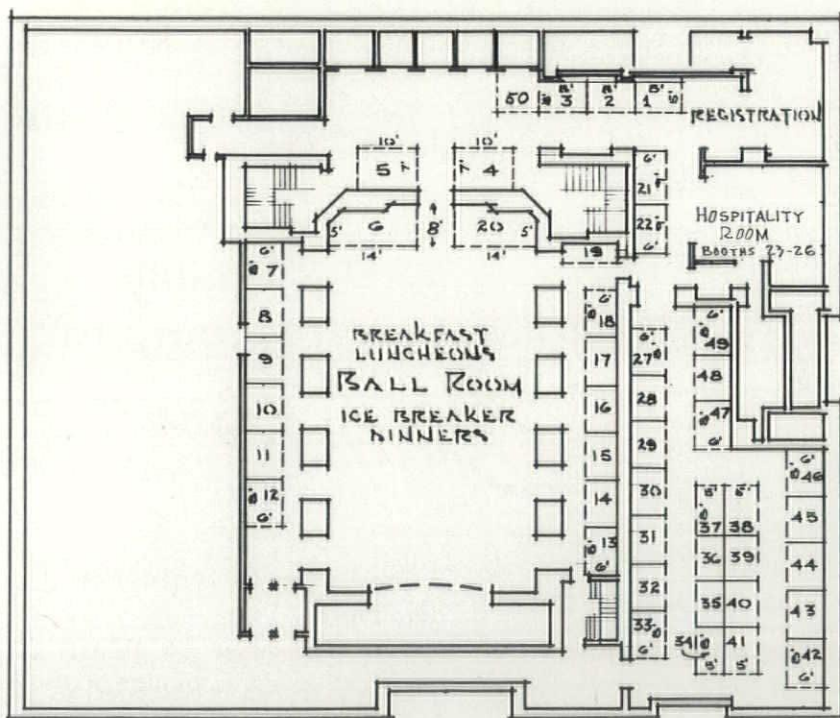
To encourage active visitation by large numbers architect's chairman, James Knapp, and his committee have assembled an exciting list of prizes for the convention registered architects, including a Polaroid camera kit, radio, kitchen equipment, Lietzke pottery, architectural books and, through the courtesy of interested firms, an additional group of some other 20 awards. Possibility of winning a prize is increased by the delegate's visiting of all the booths. A record will be kept by means of the visitor's badge number as has been done so successfully at the past ASO Conventions. Prizes will be awarded at the Annual Banquet.

For the first time, the ASO is inviting special guests to take advantage of the assembly of new building materials at a convention. On Wednesday

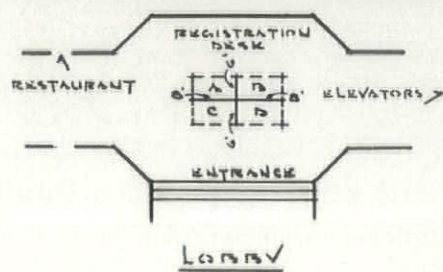
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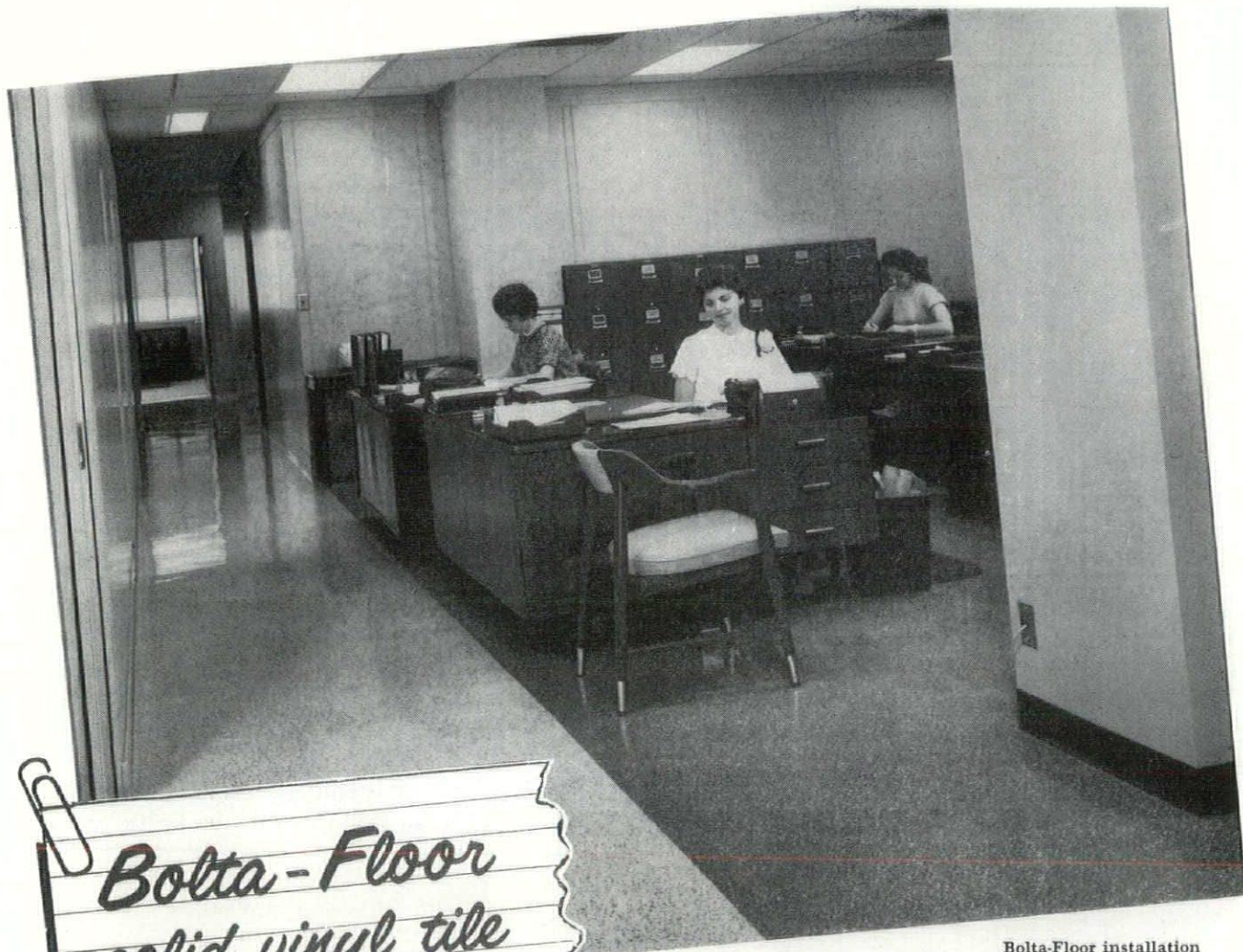
THIRD FLOOR



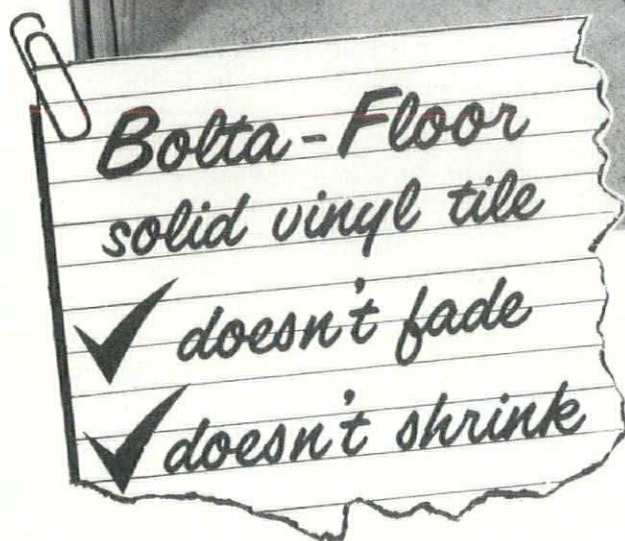
SECOND FLOOR







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In commercial building today high costs of construction often suggest the installation of less expensive flooring. But sad and costly is the experience of replacing flooring that has cracked, shrunk, faded, stained, pock marked or worn excessively under heavy commercial building traffic.

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See the Bolta Floor Display at the Convention Parlor "A," Sheraton-Mayflower Hotel, Akron

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and Thursday afternoons, October 14 and 15, some 400 people in the north-eastern part of the state will be welcomed as they view many attractive displays. Included in the groups invited are city officials, building officials, builders exchanges, school planners, professional engineers, decorators and civic leaders. This will provide exhibitors with viewers while convention delegates are in session and also better acquaint the public with the architect's profession and the tools he has to work with.

In conjunction with the exhibits The Ohio Electric Utility Institute is graciously planning to set up a Hospitality Room next to the Registration Desk. Seats, refreshments, a telephone and an announcement board will provide delegates with a convenient and comfortable spot in which to meet and rest.

Exhibits prizes will be shown on the Ballroom balcony where the Exhibit's Committee has also arranged a complete display of every AIA document, publication and system, prepared for the convention by the Institute, and an exhibit of outstanding drawings and models by students from Kent State University's Department of Architecture. Last year the school went to a full five year course and is now a part of the recently organized College of Fine and Professional Arts. The school is under the direction of Eastern Ohio Chapter President Joseph Morbito and has an active AIA Student Chapter. The AIA materials, in addition to being on display, will be used by Clinton H. Cowgill, FAIA, at his Friday morning seminar on professional practice. In addition to hotel exhibits the committee has arranged for a number of displays in downtown Akron stores during the convention.

Materials exhibitors will have two sessions of their own during the convention. A panel at 10 A.M. Oct. 15, conducted by Chairman Knapp and including architects from three different size offices, will explain to exhibitors how they would prefer to be called on in their offices. The next morning exhibitors will be guests of *OHIO ARCHITECT* and the ASO for breakfast and a discussion of mutual problems.

Chairman of the Exhibitors Ad-  
OCTOBER, 1959

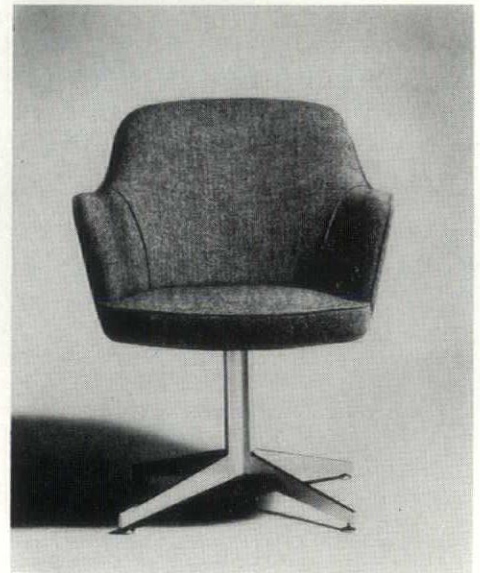
visory Committee is James Platt, SCPI representative in Canton, with Karl Domino, Williams Pivot Sash; George Young, U.S. Plywood; and Tom McCarthy, Boiardi Tile Mfg. Co. from Cleveland; James Schenck, L.O.F. from Toledo; Hugh O'lmes, Mural Arts, Canton; and G. P. Wertz, Alsynite Co., Columbus, serving on his committee.

Mr. Knapp's Eastern Ohio Committee includes J. Morgan Cox, Cordell Glaus, Donald Goodwin, T. J. Kapenekas, Robert Kraus and Walter Odds.

#### Materials Exhibits Prize List

Complete Polaroid Model 150 Kit  
Occasional Chair—Contemporary Furniture Showrooms, Cleveland  
Office Chair—Trefzger's—Cincinnati  
2 Pieces—Lietzke Pottery—Nutone Food Center  
Lightolier Light Fixture and Lightolier Lamp—Sacks Electrical Supply Co., Akron  
Ritton House Chimes  
Transistor Pocket Radio  
Office Clock—Standard Electric Time  
\$25 Gift Certificate—Firestone Tire & Rubber Co.  
Electric Hand Drill—Hardware & Supply Co., Akron-Massilon  
Electric Erasing Machine—Akron Blue Print Co.  
3 Copies—AIA "Handbook of Architectural Practice"  
"Creative Gardens" by James C. Rose  
Universal Coffee-Matic—Russwin Dist. of Ohio

#### Trefzger's Donates Chair



This executive office rotating chair is a donation from Trefzger's, representative of the Lehigh Furniture Corp., New York City. It is a part of the new Column-X series designed by Mr. Ward Bennett for the Lehigh Furniture Corp.

2 Prizes—Stark Ceramics, Inc., Canton  
3 Pocket Slide Rules—H. L. Kothe Co., Akron  
Bow Compass and Pencil & Sharpener—Portage Supply Co., Akron  
Prize—John Cooper Co. and Metropolitan Brick Inc.  
Game Board Table—Formica Corp.  
Garbage Disposer—National Rubber Machinery Co., Akron





# ASO ANNUAL COMMITTEE REPORTS — 1958-59

## Building Code Committee

With the passage of House Bill 373, amending former House Bill 580, early in July, 1959, the Board of Building Standards and the Ohio Building Code became permanently effective.

The Ohio Building Code is a body of regulations, adopted by the Board of Building Standards, and is enforceable by State, County, and Municipal Authorities as minimum standards for building construction in the State of Ohio.

With the new State Building Code, it becomes mandatory that all Local Codes and Regulations be as restrictive as and comply with the State Code; However, the State Code does not prevent Local Codes and Regulations from being more restrictive. Whichever of the two Codes or Regulations is the more restrictive, that Code is the one which governs and must be complied with.

The Regulations, as filed with the Secretary of State, and amended, are published in twelve booklets:

Chapters 1201 to 1230 are combined in a basic book of Administrative and General Regulations, applicable to all occupancies Purchase price \$1.80

Chapters 1232 to 1242 are published in separate occupancy booklets Purchase price \$ .20 each

A list of the Books and Chapter Numbers follows:

Definitions	Chapter 1201
Administration	Chapter 1202
Fire Resistance and Firestopping	Chapter 1203
Fire Resistance for Type I—Fireproof	Chapter 1204
Fire Resistance for Type II—Noncombustible	Chapter 1205
Fire Resistance for Type III—Heavy Timber	Chapter 1206
Fire Resistance for Type IV—Ordinary	Chapter 1207
Fire Resistance for Type V—Wood Frame	Chapter 1208
Tests and Approvals of Materials, Assemblies and devices	Chapter 1209
Loads and General Requirements for Structural Design	Chapter 1210
Excavations, Grading, Foundations and Retaining Walls	Chapter 1211
Masonry Materials, Walls and Partitions	Chapter 1212
Reinforced and Plain Concrete, Reinforced Gypsum Concrete, and Reinforced masonry	Chapter 1213
Structural Steel and Iron, light-gauge steel, Steel Joists and Special Structural Metals	Chapter 1214
Wood Construction	Chapter 1215
Miscellaneous Materials	Chapter 1216
Chimneys, Flues and Vents	Chapter 1217

Heating, Gravity, and Mechanical Ventilation and Air Conditioning	Chapter 1218
Light and Natural Ventilation	Chapter 1219
Electrical Equipment	Chapter 1220
Fire Alarm and Fire-Extinguishing Equipment	Chapter 1221
Lathing and Plastering	Chapter 1222
Exit Facilities	Chapter 1223
Plumbing	Chapter 1225
General and Miscellaneous Requirements	Chapter 1230

### OCCUPANCY CHAPTERS:

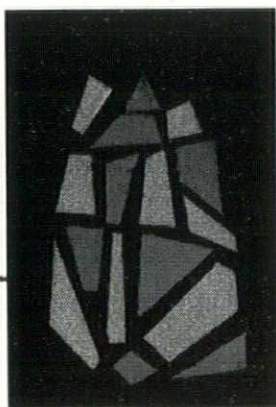
Residential Buildings—non-transient	Chapter 1232
Residential Buildings—transient	Chapter 1233
Hospitals and Homes	Chapter 1234
Penal and Correctional Buildings	Chapter 1235
Schools and School Assembly Halls	Chapter 1236
Places of Assembly	Chapter 1237
Places of Outdoor Assembly	Chapter 1238
Business Buildings	Chapter 1239
Storage Buildings	Chapter 1240
Industrial Buildings	Chapter 1241
Special Occupancy Buildings	Chapter 1242

(Chapter numbers 1224, 1226, 1227, 1228, 1229 and 1231 have not been used and are reserved for Chapters which may be required sometime in the future.)

Amendments to the State Building Code have been released in the form of yellow bulletins, four bulletins having been issued to date.

In the event a local County or Municipality does not have a Building Code, or a Building Department, all plans and specifications must be sent to and be approved by the Department of Industrial Relations, Board of Building Standards. However, if there is a local Building Code, and the County or Municipality has a Building Department, plans and specifications must be submitted to and approved by the Local Authorities. Since passage of House Bill 862, the local Building Department is no longer restricted to certain occupancies, but may now take jurisdiction over schools, theatres, hospitals, churches and places of assembly.

In addition to the various Building Codes which must be complied with, the Architect often is unaware that separate regulations exist regarding food service. Under Section 3732 of the Ohio Revised Code, adopted November 23, 1953, power was given to the Director of the Department of Health to establish and enforce Laws and Regulations pertaining to Food Service Operations. These Laws and Regulations are printed in booklet form and are distributed and enforced by the local Board of



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*Be sure to visit Booth No. 3 at Akron Convention*



Health or by the General Health District. Some of the provisions of these Laws and Regulations directly affect the Architect and the planning of his work. Following is a brief outline of some of the Laws and Regulations affecting Architectural work on projects incorporating food service operations.

- a) Food service operation means any place which is kept or maintained for the purpose of preparing and/or serving meals or lunches for a consideration.
- b) The Laws and Regulations do not apply to:
  1. Homes containing what is commonly known as a family unit and its non-paying guests.
  2. Operations serving a meal or lunch to five or less persons.
  3. Food processing and food manufacturing establishments.
- c) *Approval of plans required*—No person, firm, association, or corporation shall construct, install, provide, equip or extensively alter a food service operation until the plans therefor have been submitted to and approved in writing by the *Department, or Board of Health of the Health District* in which the food service operation is located.
- d) The plans and specifications submitted for the approval of the Department of the Health District shall clearly show and illustrate that the provisions of Regulation #303 can be adequately met. The plans and specifications shall include:
  1. The total area to be used for the food service operation
  2. Entrances and exits
  3. Location, number and type of plumbing fixtures, including all water supply facilities.
  4. Plan of lighting, both natural and artificial
  5. All rooms in which food service operations are to be conducted
  6. General layout of fixtures and other equipment
  7. Building materials to be used

It has been the purpose of the ASO Building Code Committee to acquaint the Architect with the new State Building Code and to promote a unified Code in local communities, based upon

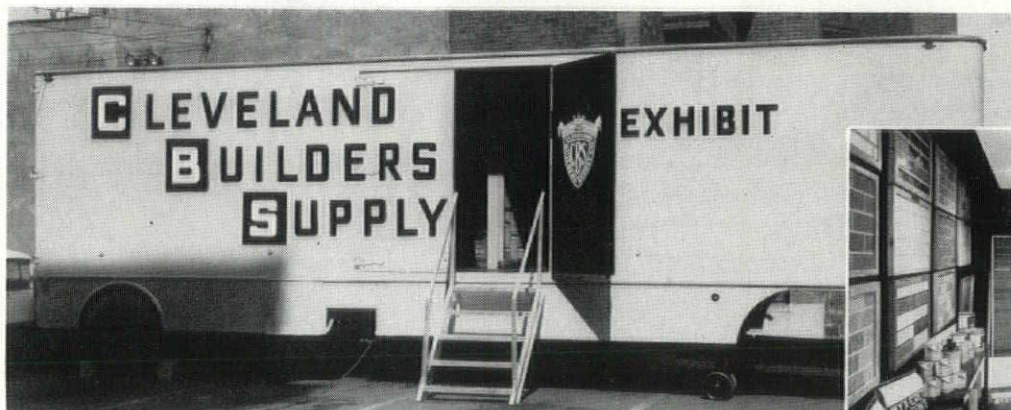
the new State Code; also to promote legislation on the Local and State level, requiring that the Office of the Chief Building Inspector or Commissioner of Building in various municipalities be held only by a Registered Architect or Engineer with proper background.

The greatest difficulty encountered by the Committee was the lack of interest by the local ASO Chapters in taking a leading roll in community affairs for the purpose of promoting better regulations. The ASO Building Code Committee urges all Chapters to put forth greater efforts and employ a more aggressive attitude to promote the unification of the Laws and Regulations governing their work. In this way, it will be possible to simplify the Architect's work, provide a better understanding of the requirements entering into the construction of buildings and improve our public relationship.

Respectfully submitted,  
 Richard R. Iuen, Chairman  
 Harry Mallalieu  
 Paul Ruth  
 John P. Macelwane  
 Eugene Betz  
 Arthur Arend  
 James J. Foley

#### Publications Committee

This committee has succeeded in proposing and gaining acceptance of a new cover format for the *Ohio Architect* magazine. We have also been reasonably successful in improving the quality of our feature articles, some of which have gained national recognition. The series on the enforcement of the State Registration Law has been enthusiastically received, to the extent that the national AIA has designated our June issue as the "Document of the Month." Credit for this belongs principally to Mr. Sapp and Mrs. Blumensadt who coordinated the complicated program arrangements.

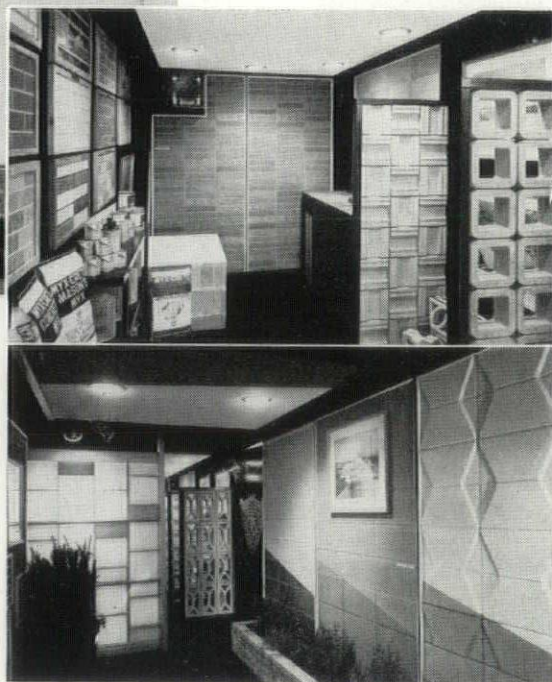


### See This Unique Architectural Exhibit at the Convention

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• Three Generations of Service to the Church •

Our three regular columnists have been well received and they will be encouraged to continue to supply their specialized material to the magazine. These include the President's Sketch Pad, Mr. Copper's articles on early Ohio architecture and Mr. Gaede's series on Townscapes.

We hope to be more successful in prodding selected committees to submit material of interest to OA. Since our magazine is a professional magazine, and not simply a public relations tool, we believe that it should contain regular reports on technical subjects that have been prepared in committee. In our AIA committees lies the key to professional progress, therefore it is appropriate that OA be freely used to distribute information of professional interest.

Chapters are urged to use OA in reporting and/or announcing important programs that they sponsor. Producers Council will also be encouraged to use space in OA to announce events of products of professional interest.

Respectfully submitted,  
Howard B. Cain, Chairman  
Burt V. Stevens  
Robert Stough  
Charles Rimer  
Robert J. Makarius, Jr.  
William R. Bogart  
Richard H. Eiselt  
David A. Pierce

### Liaison—Department of Public Works

This committee has been in contact with the Director of Public Works continuously since its appointment. We have arranged meetings between the Director and representative members of the profession on several occasions to discuss specific problems which were confronting him and upon which he wished the advice of members of the profession.

Due to the Director's recognizing the problem that the profession has faced in regard to providing a full time superintendent on projects of \$500,000 valuation and above, the Department of Public Works has seen fit to now require a full time superintendent on projects which exceed \$1,000,000 valuation. All projects below this valuation are to be supervised in accord with the requirements that formerly were prescribed for projects below \$500,000.

The people of the State of Ohio and the Architectural Profession can be very thankful that the Directorship of this Department has been in the capable hands of Director Richard Larimer. Through my connection with this committee I have seen a tremendous improvement in the expediting of change orders, progress payments, and payments to the architects on account of their fees as well as the over-all cooperation of the department with problems which confront the architects who receive assignments from this department.

Respectfully submitted,  
H. James Holroyd, Chairman

### Historian & Archives Committee

For some twenty-seven years, the architectural profession in Ohio has in a large degree been slowly but surely gaining public prestige. In this short period, through the organization Architects Society of Ohio, the profession has steadily progressed. Today it stands as one of the strongest professional societies in the State of Ohio, while not numerically, yet in standing as a cultural guiding factor among the peoples of our great State.

In the years 1931 and 1932 a few pioneering men in the profession accomplished the organizing of the State Association of Architects and elected Architect Walter McCormack of Cleveland as its first president.

During the years to follow, many illustrious men in our profession worked tirelessly in the various offices of the Society. Now with a full time Executive Director and staff the Society has

OHIO ARCHITECT



been and is a great and influential force to the best interest of the architectural profession.

From 1923 to 1931 many of our pioneer architects from various parts of Ohio labored without let-up, keeping ever lastingly at the doorsteps of our State Legislators, and finally in 1931 our present Architects Registration Law was passed. Such men as Architects Lang and Wachter of Toledo; Architects Weinberg and McCormack of Cleveland; Architects Cellarius and Mathews of Cincinnati; Architects Ingleson, Chubb and Kempton of Columbus; and Architects Schenck, Carnahan and Ohler of Dayton were just a few of the staunch men of the profession who aided materially in finally having our legislators enact our Registration Law.

Then in 1940 at the annual Architects Society of Ohio meeting under the presidency of Charles Firestone Sr. *Ohio Architect* was first authorized and published, in the month of April, with Ralph C. Kempton as its first editor.

Your historian and keeper of the Archives submits the above as his first report to the Society. Work is now in progress that will place a complete file of previously published monthly documents and, wherever possible, copies of important transcripts of actions taken by early, as well as, current officers of our Society.

Respectfully submitted,  
C. Melvin Frank, Chairman

### Membership Committee

Your Membership Committee recommends the continued practice of writing congratulatory letters to all newly licensed architects and also informing them of the advantages of joining a local AIA Chapter.

Since the adoption of the amendment to the ASO Constitution at the 1957 convention creating an affiliate membership, no active program has been instituted to solicit affiliate members.

It is recommended that prospective affiliate members be sent a letter of invitation to join the ASO. A recommended letter is attached. (deleted by ed.)

The ASO Membership, Aug. 29, 1959, in each chapter is as follows:

	Cincinnati	Cleveland	Columbus	Dayton	Eastern Ohio	Toledo	Total
Fellow	3	9	1	—	2	3	18
Corporate	90	139	115	62	66	49	521
Associate	38	101	39	10	26	29	243
Jr. Associate	7	61	—	—	21	15	104
Student	—	58	—	—	29	7	94
Emeritus	2	5	4	1	2	1	15
Honorary	—	3	—	1	1	1	6
	140	376	159	74	147	105	1001

Respectfully submitted,  
Charles Scott, Chairman  
James Knapp  
Lottie Helwick  
Harold C. Munger  
James Hart  
Walter F. Sheblessy  
William Brown

### Public Relations Committee

Activities of this committee included:

1. Cooperated with Octagon in connection with its work on Public Relations by encouraging the use of AIA Sponsored Films and printed material.
2. Encouraged the use of display boards at Chapter meetings on which were exhibited all available Public Relations material as well as other Publications of interest to Architects.
3. Prepared and described releases for use on Radio, TV, Newspapers and other publications telling of the ASO's Activities in relation to the ASO Scholarship Award and Certificate of Merit Award.

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4. Cooperated with ASO Office and Ohio Architect to obtain material for publication.
5. Encouraged interchange of ideas between Chapters for their mutual benefit.
6. Negotiated with TV Film Producing Firm to create series of Films on Ohio Architecture, sponsored by Private Enterprises.
7. Republished in *Ohio Architect* in installments "facts about your Architect and his work."
8. Continued mailing copies of the new Ohio Building Code to all Architects registered in Ohio as they became available.

Respectfully submitted,  
 Donald L. Bostwick, Chairman  
 Robert Forsythe  
 Howard B. Cain  
 Orville H. Bauer  
 Robert J. Makarius, Jr.  
 John W. Becker  
 Richard H. Eiselt

### Legislative Committee

Legislators of Ohio's 103rd General Assembly introduced and acted upon to some extent 1602 bills. This number set a new record of bills introduced for Ohio. The Assembly enacted a total of 388 measures somewhat below the anticipated number.

The Architects Society of Ohio staff evaluated the intent of each of these bills and submitted a total of 58 that affected the profession or construction industry to this Committee for study and recommendation for action.

The 58 bills affecting the profession or construction industry were divided into three categories as follows:

1. Fifteen Bills upon which we should keep a very close watch upon developments and take such action as seems necessary

as the hearings progress.

2. Six Bills in which Architects are definitely interested but upon which no definite position need be taken unless amendments or other unfavorable factors appear.
3. Balance of Bills which are of interest, but somewhat beyond our area of activity.

It is of interest to note that through the Legislative Committee and the office of the Executive Director many hundreds of personal contacts were made with members of the 103rd General Assembly as well as meetings with representatives of allied organizations.

The Committee is pleased to report that none of the proposed laws, coming under our scrutiny and having an adverse effect, were enacted. Also, through our efforts, and in cooperation with other organizations, many bills were enacted that will have beneficial results for the people of Ohio.

For a detailed report of the more important bills receiving the attention of this Committee refer to the August issue of *OHIO ARCHITECT*.

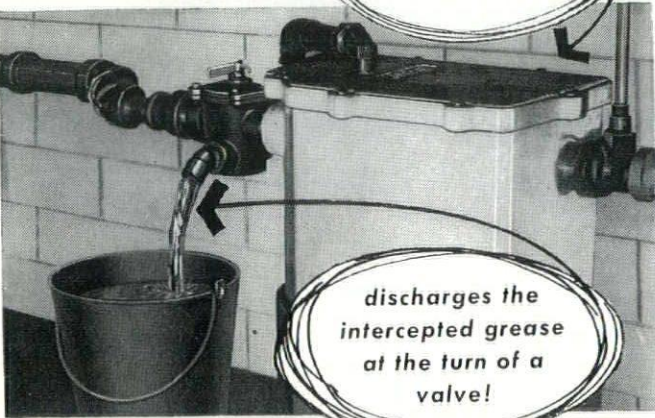
Respectfully submitted,  
 John P. Macelwane, Chairman  
 Charles J. Marr  
 John C. Bonebrake  
 W. E. Tolford  
 William C. Wertz  
 John Garber  
 James J. Foley

### Awards & Scholarship Committee

With some delay in appointment of this year's committee and its first meeting after January 1, the chairman and ASO Executive Director had prepared and printed a two-color announcement on the second ASO Scholarship Award.

This announcement and a letter of transmittal was sent to

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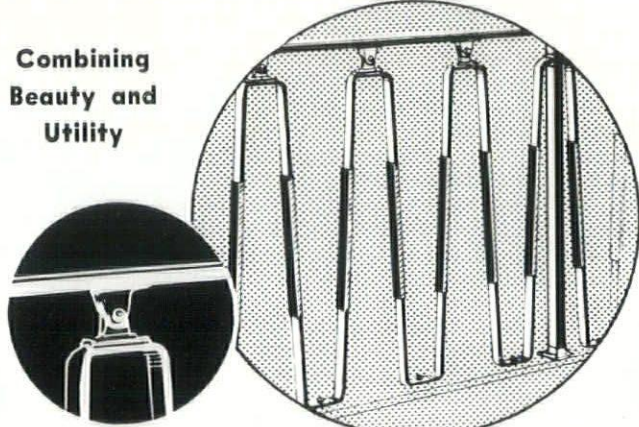
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all high schools in the state as well as the architectural colleges. The committee prepared a scholarship application blank which was sent, along with the AIA pamphlet "Designing a Better Tomorrow," to all students requesting same from the ASO office. Excellent state-wide newspaper publicity helped to give the scholarship wide notice.

It was decided that additional interest and publicity would be obtained by having each chapter select a finalist from its district, so applications were turned over to the local chapters. Applicants were interviewed and regional winners were selected and honored at chapter meetings.

The six finalists were then narrowed to three by the state committee and at a subsequent meeting these appeared for further interviews, and the final selection was made. Gary Frick from Cleveland was picked for the \$2500 award, and he has enrolled at Western Reserve University.

The number of applicants; Cincinnati—7, Cleveland—12, Columbus—10, Dayton—8, Eastern Ohio—17, and Toledo—5, was most gratifying. All of these, as well as their recommenders, were sent letters by the local chairman and a questionnaire on their college plans was requested from each applicant to assist the committee in future plans.

The record of Gerald A. Curtis, last year's winner now attending Ohio State University, was received and reviewed and continuation of his scholarship was approved for another year.

As in previous years, ASO Certificates of Merit were presented, along with a copy of Bruno Zevis' "Architecture as Space," to the outstanding senior in each of the five state architectural colleges. They were awarded at school Honor Day ceremonies by chapter chairmen.

Recipients were:

Vernon Kauffman—Kent State University  
Douglas C. Holtkamp—Ohio State University  
Paul A. Landfair—Miami University  
William J. Miller—University of Cincinnati  
Arthur Yamane—Western Reserve University

The participation and activity of all committee members was most gratifying and the considerable assistance of our Executive Director's office was most appreciated in the successful accomplishments of this important activity of our Society.

Respectfully, submitted,  
Burt V. Stevens, Chairman  
Donald C. F. Miller  
P. K. Barnes  
Robert Martin  
Philip Kielawa  
Richard Wheeler  
Robert E. Cassell

#### Office Practice Committee

A consolidated report of the committee's activities during the year follows:

1. A wage scale survey and office practice information sheet was circulated. Only 10% of the membership reported. This report was never tabulated since it would not reflect a true cross section. It is planned to re-survey.
2. A new group insurance plan was reviewed from Mutual of Omaha. The committee has not finalized a recommendation.
3. A survey is being conducted on fees for Engineering Services to Architects, for which a report is to be presented to the Joint Architects-Engineers Committee.

Respectfully submitted,  
Robert W. Lecklider, Chairman  
Stuart Roberts  
Leon M. Worley  
H. Lee Smith  
Ralph Carnahan  
George Schatz  
Ray Goller

#### Chapter Affairs

The policy of continuing a portion of the membership on committees has helped our efforts this year. Our function has been materially strengthened. We have this year followed the following outline:

1. Unify efforts and objectives of all Chapters
2. Interchange of information between Chapters on chapter affairs
3. To prepare and conduct planned symposiums on institute affairs

The idea of seminars on the new OBC has spread to Toledo and Cleveland. The other chapters are being encouraged to also hold such meetings.

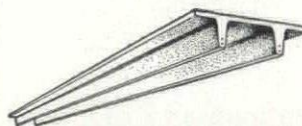
The seminar on office practice of the E.O.C. was most successful.

This committee believes that the field of interchange of ideas through seminars is its biggest obligation to the society.

We herewith request the Executive Board to consider setting aside in the forthcoming budget funds to provide the initial financing of more and better meetings of this type.

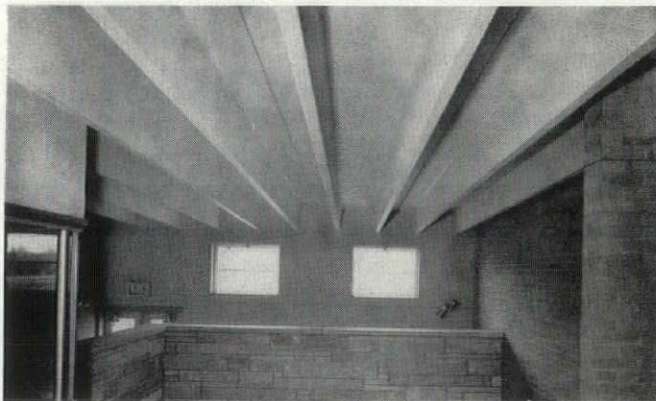
We propose that the coming year's Committee devote its time to explanation and function of the AIA office accounting forms. The 1959 convention will break ground in this effort and a series of seminars would encourage more offices to use the system and the future would bring a more beneficial comparison of office practices.

Respectfully submitted,  
Joseph Tuchman, Chairman  
Roger F. Buzzard  
Raymond S. Febo  
Richard M. Troy  
Roy Lively  
Bernard Shorr  
Richard Tully



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## ADVERTISERS AND EXHIBITORS BRING OHIO ARCHITECTS LATEST NEWS

This section of *Ohio Architect* is presented to assist the architect in keeping abreast of the latest developments in modern building materials and techniques.

It is specifically intended to implement the architects knowledge and desire to learn of the products that are advertised in the official Architects Society of Ohio magazine as well as the materials and techniques that will be exhibited at the Society's 26th Annual Convention and Materials Exhibit in Akron, October 14, 15, 16.

### Russwin to Unveil New Display

Russwin Distributors of Ohio will display a "new look" at the 26th Annual Convention of the ASO in Akron. Booth 10 will feature Russwin's new trademark, color and literature.

The new Uniloc Lever Handle design will be shown for the first time. Other products to be displayed are Russwin's Fire Exit Bolts; "500" Top Railer Door Closers; Stilemaker Cylindrical Locks; Ten-Strike Locks, Overhead Door Closers; "400" Delayed Action Door Closers; and Push Plates and Pulls.

Participants in the show are Beight Hardware Co., Akron; Hyslop & Fisher, Cleveland; Smith Brothers Hardware Co., Columbus; The Mitchell Hardware Co., Ashtabula; Carl D. Himes, Inc., Dayton; The McClure Ross Co., Cincinnati; Otto C. Buehler & Son, Inc., Toledo; Martin Hardware Co., Mansfield.

### Lexsuco Inc. Markets New PVC Waterstop

On Oct. 1, 1959, a new, high quality line of polyvinyl chloride waterstops will be marketed on a national basis under the trade name of LEXSUCO PVC WATERSTOPS, it was announced by Frank W. Curtis, president of Lexsuco Inc., national construction engineering and materials firm with headquarters in Solon, Ohio.

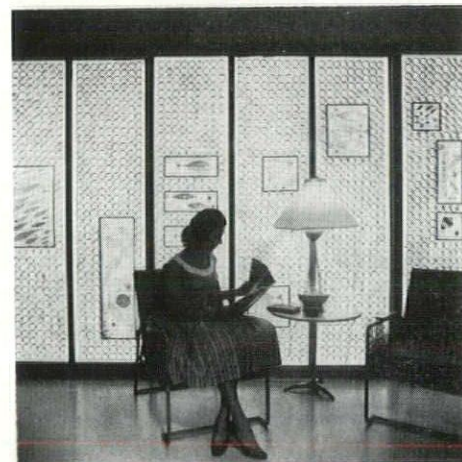
Thoroughly tested in the laboratory and field and with thousands of feet of the material already in use, Lexsuco PVC Waterstops meet the U. S. Army Corps of Engineers Interim Specification CE-1402-13A, the specifications for the Hydro Electric Power Commission of Ontario, Canada, and many other similar state and Federal authorities in the United States and Canada, according to Mr. Curtis.

Lexsuco PVC Waterstops are available in two functional types, a corrugated Lock Rib and Dumbbell, in a complete range of sizes. They are manufactured by extrusion process from a special elastomeric plastic compound, the basic resin of which is polyvinyl chloride, and are designed to provide assured watertight concrete joints for most all construction projects, reported the Lexsuco chief executive.

Waterstops are generally used in construction joints and expansion joints in walls, foundations, floors, roofs, dams, bridges, water reservoirs, sewage plants, storage tanks, channels, culverts, swimming pools, pipes, canals, tunnels and aqueducts.

Lexsuco PVC Waterstops will be sold by Lexsuco Representatives and material dealers in all major cities and market areas in the United States.

### Structural Foams Exhibits New Line of Tropicel



TROPICEL Woodcurl Panels, illuminated from behind, provide a colorful and attractive wall in this reception room. Panels consist of a core of walnut woodcurls and translucent plastic faces reinforced with glass fibers.

Architects attending the ASO Convention in Akron will want to see an exciting new material manufactured by U. S. Rubber and distributed in Ohio by Structural Foams, Inc. of Cleveland.

Tropicel is a trademark for a family of new, translucent sandwich panels consisting of Tropiglas faces bonded to a wide variety of geometric cores. Tropicel is a decorative as well as functional chromatic panel, unbreakable, rigid and durable. These panels insulate against cold and heat, and diffuse light in saturated tones of color without glare. Tropicel will endure severe weather changes, retain its color and strength, and most important, requires little or no maintenance after installation.

Other products to be shown by Structural Foams are Tropiglas, Asbestolux, and Saraloy 400 Elastic Flashing.

The company will be represented in Booth 22, second floor of the Sheraton, by Paul Darrah and R. E. Estabrook.

OHIO ARCHITECT



## Williams Pivot Sash To Show New Unit

The Williams Pivot Sash Co., Cleveland, will exhibit a new line of aluminum windows that is gaining wide acceptance from architects.

More than 1100 windows in the Western Saving Fund Building of Philadelphia are being replaced with the new Williams aluminum window. This window has also been specified for the Radiation Exposure Evaluation Lab at the Navy Medical Center, Bethesda, Md., the Shelby Memorial Hospital, Shelby, which was designed by Conrad & Simpson of Cleveland.

Also the new unit is in manufacture for the Christian Holmes Hospital at the University of Cincinnati and several installations have been made in two large office buildings in Cleveland.

K. A. Domino, president of the Williams Pivot Sash Co., has exhibited at the ASO Convention for many years and is known widely for his service to the architects. Mr. Domino cordially invites ASO members to visit with him in Booth 11.

## Lightning Rods

A newly formed group, known as Ohio Lightning Rod, Associates, with a sincere desire to serve members of the ASO will have a display in Booth No. 50 between the elevators and registration desk on the second floor of the Sheraton Hotel in Akron during the 26th Annual Convention of the Society.

The purpose of this newly formed group is to upgrade the Lightning Rod business by offering an engineering standard which is most widely accepted—meaning that installations shall bear the Master Label of Underwriter's Laboratories, Inc. and thusly fall under the rigid inspection of Underwriter's Laboratories, Inc.

Qualifications to be a member of the Ohio Lightning Rod, Associates are that the person be qualified by Underwriter's Laboratories, Inc. to make the Master Labeled installations.

The March, 1959 issue of THE SPECTATOR (Insurance Marketing and Management) publication revealed that losses due to lightning are increasing 10% per year. Much of this

increase is laid to the fact that homes, churches, schools, industry, shopping area, etc., are locating in suburban areas where lightning causes 37% of fires. New buildings being designed today with more extended metallic objects, ungrounded and/or grounded services make them vulnerable powder kegs of potential danger during electrical storms.

The time to study fire safety is on the Architects drawing board—we quote this as being mentioned at the AIA Convention in California. A simplified specification applicable for lightning rod installations on any structure will be distributed at Booth No. 50 at the ASO Convention or will be gladly mailed on request along with name of nearby member of Ohio Lightning Rod, Associates. Write to Ohio Lightning Rod, Associates, P.O. Box 3576, Akron 10, Ohio.

## Wadle to Resign As MLMA Executive

Donald R. Wadle, managing director of the Metal Lath Manufacturers Association, has announced that he will resign as of Sept. 30, due to his health.



Wadle

E. G. Collins, president of the MLMA, said that after Oct. 1, Wadle will be consultant for the Association and will establish his residence in Southern California. He will give attention to technical matters of concern to the industry.

Affiliated with the MLMA for the last 20 years, Wadle was appointed as a technical representative on the West Coast in 1939. Prior to this he was secretary for 12 years of the Contracting Plasterers' Association of Southern California. In 1946, upon being designated managing director of the MLMA, he moved from Los Angeles to Cleveland.

Jack Fisher, who is currently technical director of the MLMA, has been named to succeed Wadle as managing director. Mr. Fisher has been with the organization since 1953 and is well-known throughout the industry.

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## Airolite To Show Products In Akron



The Airolite Co., a leading Louver manufacturer, will join the list of exhibitors at the ASO Convention in Akron this year. Their exhibit will be located in Booth C-1, third floor of the Sheraton-Mayflower Hotel.

The plant and offices of The Airolite Co. are in historic old Marietta on the Muskingum and Ohio Rivers, scene of many of the beautiful old homes featured in the July issue of Ohio Architect.

Airolite, a name well known in the Louver industry, will exhibit many samples of the different types of Louvers they regularly manufacture and distribute all over the world. Boasting the most widely diversified and complete line of Louvers being manufactured today, the exhibit will feature stationary blade shapes of all designs and adjustable Louvers of many types.

Airolite's Louvers will reflect the experience of design and construction, and the high quality of production that is the main reason Airolite Louvers are in use all over the world today. Their equipment for finishing of steel Louvers is unequaled in the Louver manufacturing industry, featuring bonderizing and flo-coating equipment followed by solid

color baked enamel providing lasting beauty, resistance to corrosion and an unlimited selection of shades and tones to fit any decorative scheme. Louvers equipped with fusible link mechanism for automatic closing in case of fire will be featured in their display.

The Airolite Co. manufactures Louvers of cold rolled and galvanized steel, sheet aluminum, cold rolled and lead coated sheet copper, brass, bronze, stainless steel and other special sheet materials. Well known Airolite designs of extruded aluminum will be displayed in stationary and adjustable types, and in Louver Penthouses with etched and anodized finishes.

The Airolite Co. is one of the leading sponsors of Associated Louver Laboratories where tests are regularly conducted in the development of new and improvement of basic Louver designs. Ventilating efficiency, pressure loss, volume of air delivery, resistance to water infiltration, etc., are no longer perplexing questions for architects, engineers and others who concern themselves with Louver functions in heating and ventilating. Complete data on the various Airolite Louver types and designs are available through either Associated Louver Laboratories or Airolite offices in Marietta.

Personnel at the Airolite exhibit will welcome inquiries from architects concerning Louver problems and will make literature and details available at the exhibit. Representatives of The Airolite Co. are located in seven principal Ohio cities. A visit in your office will gladly be arranged upon request at the exhibit in Booth C-1.

# 14

**Arcadia** congratulates the Architects Society of Ohio on the occasion of its twenty-sixth annual Convention...and cordially invites members and guests to visit **booth 14** to witness a remarkable demonstration of the first truly **weathertight** aluminum **sliding glass door** design, a completely new engineering approach based on recent research into the relationship of pressure differential to air and moisture seepage.



ARCADIA METAL PRODUCTS FULLERTON, CALIFORNIA

# 14



## Geyser Co. to Exhibit



Visitors to the Society's Convention in Akron in October will have an opportunity to examine a full scale sample of E. K. Geyser Co.'s aluminum bar system for windows and curtain walls. Samples of Geyser's one-piece, rounded-corner ventilators will also be on display, as well as the company's latest product, Barcolor covers. Barcolor, just introduced within the last year, is a unique method of applying permanent color to the exterior members of the Geyser system by means of porcelain enamel or stainless steel snap-on covers.

Designed originally in 1939, Geyser's aluminum bar system is noted for its simplicity of construction and clean, modern appearance. In place of the traditional mullion and sash assembly, Geyser uses a single, slender bar which serves not only as a wind brace but as a glazing member as well. Horizontal bars, used in place of muntins, are not framed in sash between vertical members, but run continuously past their outer faces. This advanced approach to fenestration gives architects considerably more design freedom and results in a window or curtain wall that takes full advantage of the special characteristics of aluminum.

The Geyser Co., located in Pittsburgh, Pa., maintains a district sales office in Cincinnati, and is represented in the Cleveland area by Hyslop and Fisher, in the Akron area by Albert E. Hotard.

Literature describing the firm's complete line of products and services will be available at the convention.

## Winterich's Will Show Stained Glass

Winterich's will show a new technique of faceted glass in cement and decorative plastic panels at the ASO Convention.

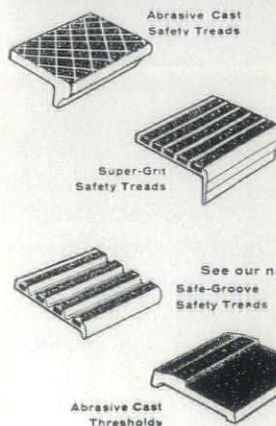
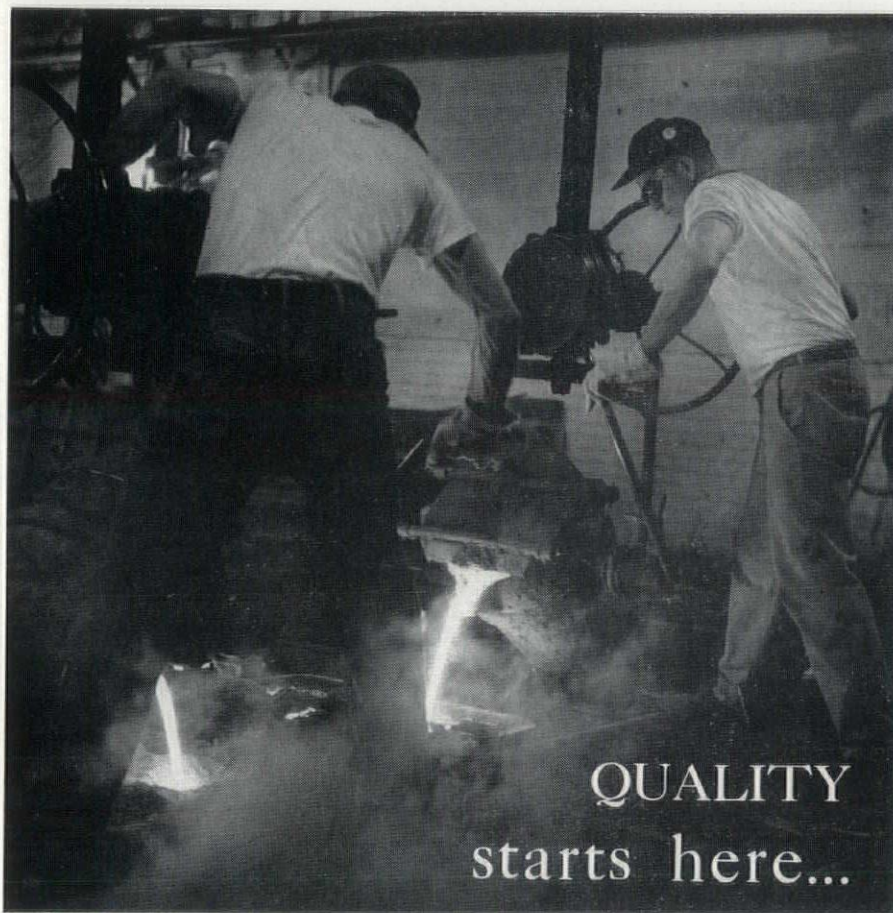
This new art medium has met with enthusiasm from the architects, artists and newspaper people who have had an opportunity of viewing it.

The Stained Glass Association of

America is wholeheartedly behind the progress and development which Winterich's have made in the technique of faceted glass in cement.

The Church Architectural Guild of America has also expressed enthusiasm for these two newly developed art mediums.

The Winterich exhibit will be in Booth 19.



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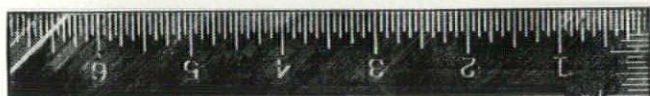
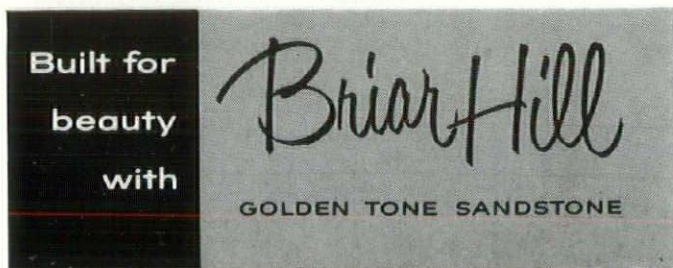
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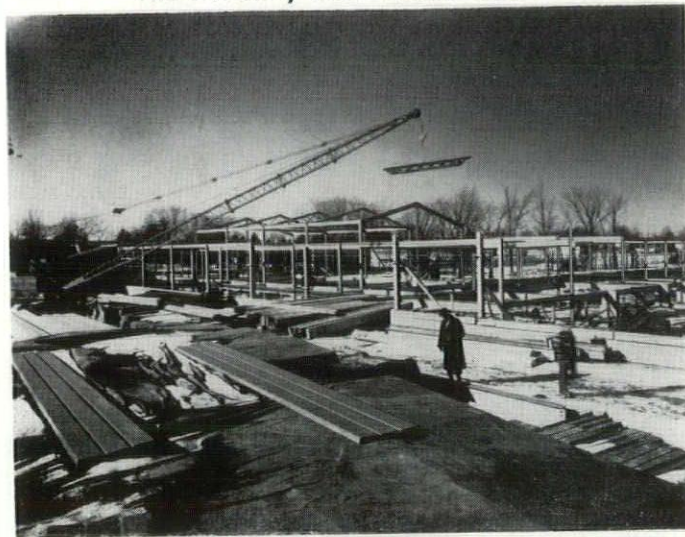
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## Structural Steel Speeds School Construction

by John L. Mooney, President  
The Mooney Iron Works Co.



Structural Steel framing combined with steel joists and roof decking speeded construction of Liverpool Elementary School, Liverpool, N.Y., a one floor structure, in winter weather. (Photo credit—American Institute of Steel Construction)

The tremendous population increase during the past decade, across the nation, and particularly in Ohio, has brought educators face to face with a pressing need for more school facilities. Hundreds of classrooms have been built from grade school to the college level, yet indications point to an equal number of facilities needed at an increasing rate in the next few years.

It is significant that in their efforts to meet the demand, school boards and their architects have looked to structural steel as an economical, safe, efficient, and durable construction material.

Structural steel saves construction time. While the school building's foundation and footings are under construction, the steel framework is being fabricated in the shop. Erection takes but a few days, allowing plumbers, masons, and other tradesmen to work in the structural part of the building in the shortest possible time.

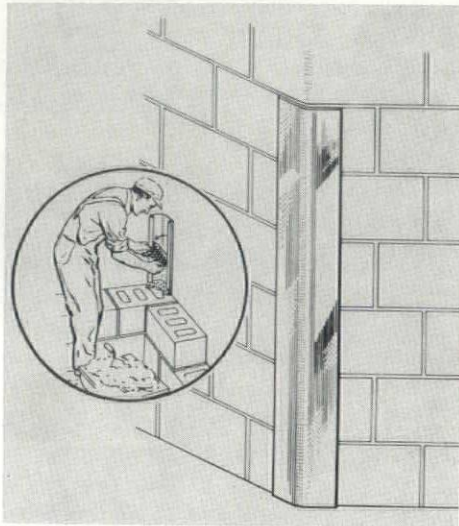
Steel, in combination with other non-combustible materials, provides a very high degree of fire resistant construction. For this reason, many modern schools with the steel frame exposed are being built with steel to provide an extra safety of non-combustible construction.

Architects appreciate that steel is readily adaptable to any layout, for greater flexibility and utility of floor space. Steel offers maximum headroom with least wall height in gymnasiums, auditoriums, and chapels. Long economical spaces, fully framed in steel, permit shifting of partitions and walls in accordance with the school's future needs.

Steel, because of its adaptability has accelerated the trend to one-story school buildings which can be quickly emptied, easily daylighted. These are but a few important advantages structural steel offers in framing school buildings.



## Corner Guard Has Stainless Steel Finish



A new standard stainless steel corner guard that eliminates spot weld marks or visible screw heads from the surface of the guard has been introduced by WILKINSON CHUTES, INC., Akron. The corner guard can be used with plastered walls, concrete block, or tiled walls.

A feature of this new corner guard is the patented adjustable anchor. One anchor is furnished for each foot of corner guard length. These are inserted by the bricklayer or mason at any desired height as he builds the wall, and are then lowered into the mortar joint. This eliminates working around anchors, which interferes with his work.

In addition to lowering installation costs, the new corner guards are less expensive than units previously available. Wilkinson standard corner guards are made of 16 gauge, type 430 stainless steel and are 4 feet in height, but any height can be supplied.

Literature is available from WILKINSON CHUTES, INC., 619 E. Tallmadge Ave., Akron 10, Ohio.

## Dur-O-Wal Masonry Wall Reinforcement

Dur-O-Wal Butt weld, trussed design reinforcement is the patented steel reinforcing member that gives the greatest possible lateral strength to masonry walls and prevents the development of costly, unsightly cracks.

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### **New Boiardi Exhibit**

Newly developed techniques broadening the field of uses of Boiardi Tile are being exhibited by the manufacturer, Boiardi Tile Mfg. Corp. of Cleveland, in their newly designed and most unusual booth (Booth No. 6) at the ASO Convention in Akron.

An economy line tile has been developed and is being introduced at this year's convention. This tile has been developed to meet the demand for installations where a good, hard, economical floor is required.

This is the time when the architect has an opportunity to acquaint himself with the people connected with the product and to learn about the most up-to-date uses of this type of building material. The principals of Boiardi Tile Mfg. Corp. with their completely new line of products look forward to seeing you at Booth No. 6.

### **Curtis Companies Have New Ohio Distributor**

In line with the new policy of expanding distribution through well-known and reputable jobbing firms, Curtis Companies, Inc., was proud to announce earlier this year, that Dayton-Akron Sash & Door Co., of Akron, is now the distributor for Curtis Windows and Doors in Ohio.

Formerly sold through exclusive dealerships, Curtis products are now available through Dayton-Akron Sash & Door Co., to all retail lumber dealers exclusively.

With ample reserve stocks and fast service, Dayton-Akron Sash & Door Co., will provide prompt attention to orders for Curtis products from all building materials dealers in Ohio. Customers will have all the advantages of Curtis Individuality and Quality, the reputation of the famous Curtis name—plus on the spot availability and prompt service.

### **Fabricator's Display in Akron**



The Ohio Steel Fabricators Association Exhibit will be one of the display highlights during the Architects Convention. Architects and their guests are welcome to visit the display in the lobby of the Mayflower Hotel in Akron.

OHIO ARCHITECT



## Umbrella and Saddle Shells Come to Ohio

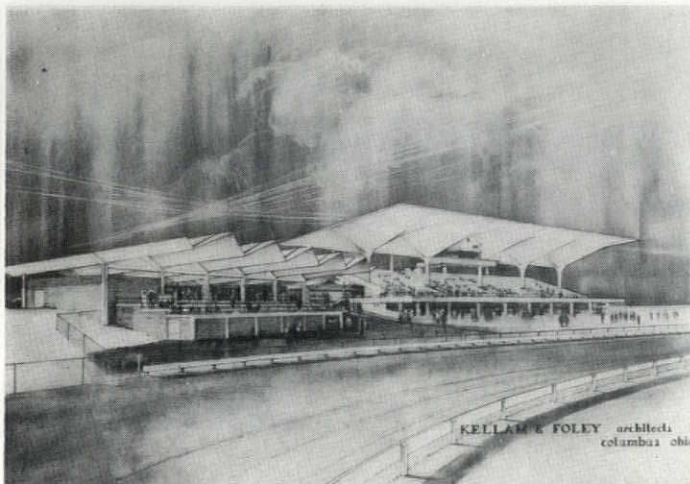
A totally different type of concrete roof structure known as the hyperbolic paraboloid has made its appearance in Ohio during the past 12 months.

This new thinshell concrete design offers a variety of architectural possibilities. Principal styles are the inverted umbrella, in which corners are turned up; the common umbrella, with the corners down; and the saddle shape, in which alternate corners are up and the others are down. Umbrella shells usually rest on a single central column. Saddles commonly are supported by abutments at the downturned corners. Shells may be level or tilted. Symmetry may be equal or eccentric.

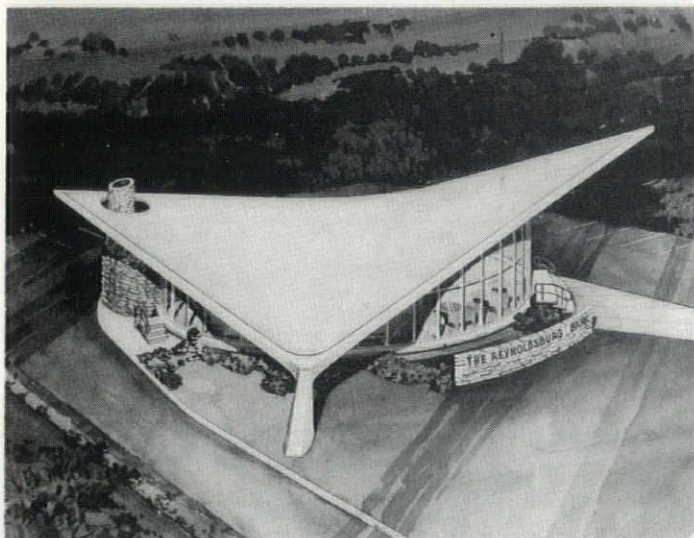
By early September seven projects featuring the hyperbolic paraboloid concrete roof were completed or under construction in Ohio. Largest of its kind in the world is the inverted umbrella roof of the 2600-seat grandstand at Scioto Downs, new harness racing track south of Columbus. When completed next spring, the stand will be roofed by five of these umbrella shells, each 60 x 116 ft., but because of a tight construction schedule set up so that the stand could be occupied for races beginning October 9, only three of the shells were built this season. Architects are Kellam & Foley, Columbus, and engineers are Gensert, Williams & Associates, Cleveland. The Sheaf Construction Co., Columbus, has the general contract.

Ohio's outstanding example of the saddle shape will be the new Reynoldsburg Bank building, to be located on US Route 40 east of Columbus. Construction has not begun as the contract was awarded just recently. Land is now being cleared for excavation. In this instance the saddle will rest on abutments at the downturned side corners. Front and back corners will turn up and the saddle will be tilted to elevate the front corner. The circular business area will be housed in glass curtain walls. A drive-in window will be situated near an abutment at one side. Under the back corner will be a circular vault. Architects are Taylor & Liebersbach; engineer, Russell S. Fling; contractor, C. C. Vogel Co., all of Columbus.

Kellam & Foley's sketch of buildings at Scioto Downs, showing five inverted umbrellas roofing grandstand and folded plate roof for club house.



Taylor & Liebersbach's drawing of new Reynoldsburg Bank with its saddle shaped hyperbolic paraboloid roof combined with glass curtain walls.



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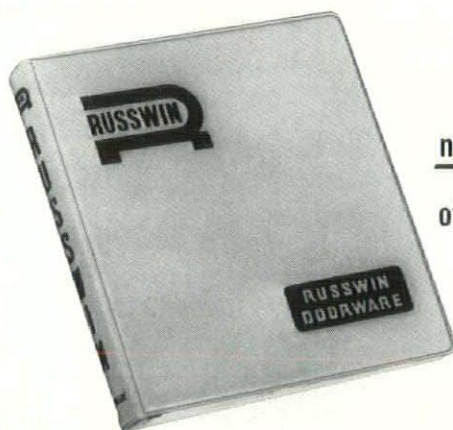
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## New Ohio Bell Test Campaign

The Ohio Bell Telephone Co. has launched a test campaign in two Ohio cities to promote the "Telephone Planned Home." Builders in the Akron and Columbus area who erect five or more homes a year have been contacted for participation in the program.

The builders are being asked to provide telephone outlets throughout the living, working, sleeping and recreation areas of every home they build. This includes outlets in each bedroom, the living room, kitchen, laundry area, basement recreation or activity room, garage or workshop. The number of outlets, of course, depends on the size of the home and the number of rooms it contains.

Concealed wiring may be installed by the builders during construction, or pull wires might be strung to the outlets to enable the telephone installer to facilitate wiring later on when the home is sold.

Ohio Bell is furnishing display telephones in the model homes of participating builders, and the telephone company also provides signs, posters and other advertising materials describing telephone planning as one of the distinguishing features of the homes. Builders who cooperate in the campaign are included in the telephone company newspaper and magazine advertising.

The "Telephone Planned Home" promotion, according to Ohio Bell, has a two-fold purpose. It provides telephone outlets at every convenient location in the home, and because telephone planning is done while the home still is under construction, all wiring can be concealed.

Builders cooperating in the promotion gain the advantage of having another up-to-date feature with which to attract buyers. Ohio Bell's extensive publicity also will earmark them as being among the most progressive builders in the area.

## Haydite Division Personnel Changes

Hydraulic Press Brick Company, Haydite Division, has appointed Mr. E. D. Janson, Sales Engineer, to handle the sales and technical services of the Cleveland Plant. Mr. Janson is a graduate of Kent State University. He is replacing Mr. George Ratz who has been made Superintendent of the Brooklyn, Indiana Plant.

In addition to the Cleveland and Brooklyn Plants, the company also operates a Haydite Plant at East St. Louis, Ill. The total capacity is approximately 500,000 cubic yards of aggregate per year. Shipments are made throughout the entire Midwestern United States.

Hydraulics' exhibit at the twenty-sixth annual convention will feature recent major examples of monolithic concrete, prestressed concrete and concrete masonry construction, utilizing Haydite lightweight aggregate.



## Translucent Ceilings

The Cepco Translucent concept is of architectural consideration primarily because it is an extremely versatile building material through which the architect can express his aesthetic nature in the basic design.

The versatility of this design is based on the use of various modules as well as a variety of translucent panels to compliment these modules. Further design flexibility is achieved through the integration of acoustical materials in conjunction with the Cepco Translucent Ceilings. The effect of varying the foot candle level can also be utilized in the architects design. In special cases, design may be further enhanced through the introduction of colors or a variety of geometrical patterns in the translucent panels and suspension system.

The Cepco translucent concept with its unlimited design features has provided the architect a medium which, for the first time allows him to make lighting an integral part of his design.

This system is based on the use of a double vinyl panel that provides acoustical correction, low brightness, and excellent diffusion without loss in efficiency.

These panels are easily maintained. The double panel construction not only provides superior light diffusion through its interreflectance but also prevents dirt, insects, etc. from showing through to the exposed face.

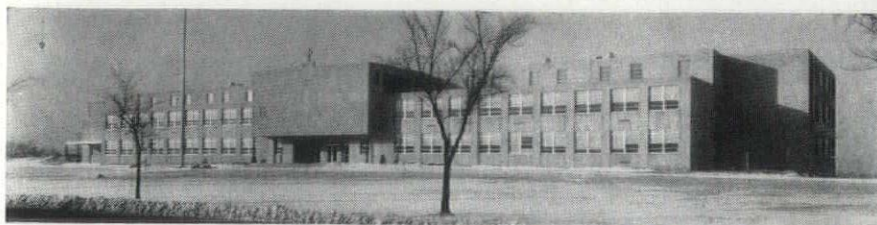
This system complete with range of design possibilities will be on display in Booth No. 5 in this year's convention by The George P. Little Co., Inc. with offices in principal cities throughout Ohio.

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

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

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

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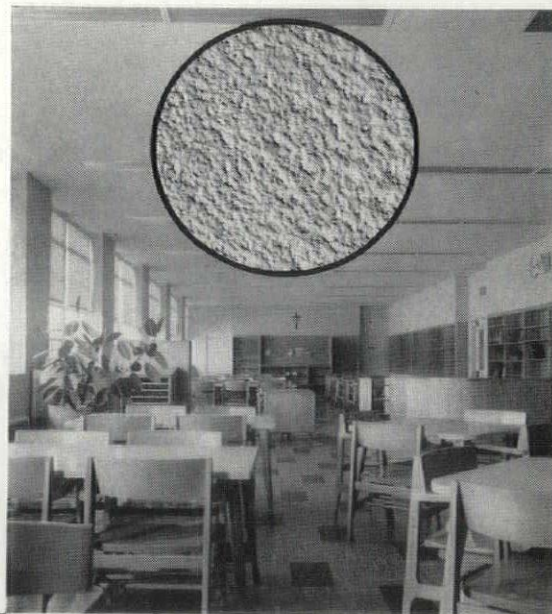
The Continental Products Co. was founded in 1916 with the idea of supplying the New Construction Industry with a complete line of modern paints. We felt that direct sales contact, correct paints, and correct use of our products would enable us to supply better products for all paint users.

Continental paints are used on all types of buildings, and they offer a range of paints that cover every modern building media—wallboard, cement block, cinder block, plaster, wood, metal, etc. We have a complete range of oil base, latex, PVA, and alkyd paint, and we furnish paints for interior and exterior uses.

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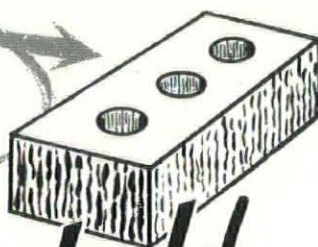
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## Ventilouvre Co. Will Display Louvres

Booth C-2 on the third floor will be the locale of another new exhibitor at the ASO Convention this year. The Ventilouvre Co., Inc., manufacturer of the Panelouvre for doors, walls and other structures where Louvred openings are desired, will feature its complete line of Louvres during the three-day convention.

Ventilouvre, with a history extending back to 1914, moved into the Ohio River Valley in Marietta in the early 30's. The Panelouvre is probably best known in the Louvre industry because it is an inverted V blade offering complete privacy in both stationary and adjustable designs that are identical in outward appearance.

The Panelouvre exhibit will include many shapes and models of Louvres of practically all materials and finishes regularly available. Although unable to make a physical exhibit of the facilities offered, The Ventilouvre Co., Inc. is one of the principal sponsors of Associated Louver Laboratories, the only attempt of its kind in the country. Associated Louver Laboratories makes available to all Ventilouvre customers technical data of air flow and static pressure losses through various Panelouvre models as a result of actual tests conducted in a high speed wind tunnel constructed for this purpose only. A rain making device located in this high speed wind tunnel can simulate within the tunnel a rainfall up to a rate of 9" per hour permitting The Ventilouvre Co., Inc. to provide architects and engineers with complete data on leakproof protection of all of its Louvres.

Literature on Associated Louver Laboratories will be available from personnel of The Ventilouvre Co., Inc. at their exhibit.

Recognizing the ever-increasing use of anodized aluminum and extruded shapes, The Ventilouvre Co., Inc. will exhibit examples of their many models of this material and finish.

While the samples on exhibit in Booth C-2 will of necessity be of small size, it was pointed out by The Ventilouvre Co., Inc. that the Panelouvre is regularly manufactured on a custom basis and is available for openings of any dimensions, whether modular or non-conventional.

Members and guests of ASO are urged to visit The Ventilouvre Co., Inc. exhibit in Booth C-2 and are cordially invited to "browse" around. More detailed information concerning the Panelouvre than can be made available at the exhibit will gladly be mailed from the factory offices upon request.

## Pittsburgh Plate Has Exhibit at ASO Convention

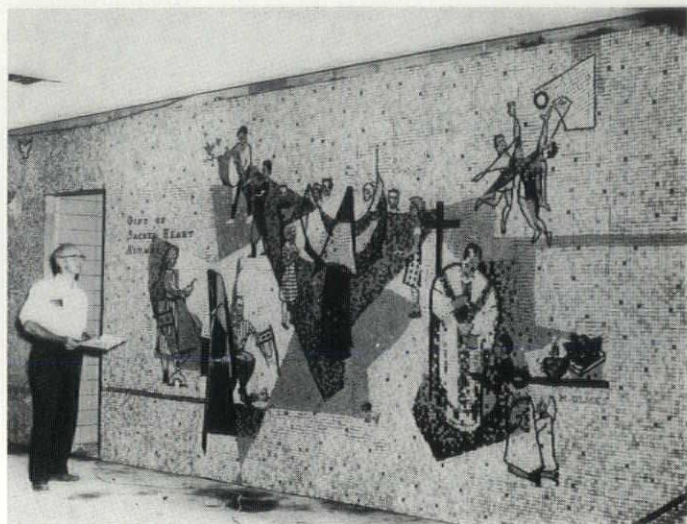
The Pittsburgh Plate Glass Co. exhibit for the ASO Convention at Akron will feature Solargray heat-absorbing plate glass with the new matching Spandrelite glass. Included also will be the four different densities of Graylite, the gray Pennvernion window glass.

The new "900" series of metal curtainwall construction will be shown, along with "82X" curtainwall construction which has been so popular and well accepted in the field.

OHIO ARCHITECT



## School Mural Completed



A three-section mosaic mural 50-feet long and nine-feet high is being completed in the lobby of the new Sacred Heart Parochial School designed by Architect P. Arthur D'Orazio, AIA, Youngstown. Dedicated to the late Frank H. Buhl, Sharon industrialist and philanthropist, the colorful mural is a gift of the Sacred Heart Alumni. Hugh H. Olmes, left, designer of Mural Arts, Canton, O., checks the third section which depicts various activities of the school including formal education, extra curricula, religious education and athletics. It also has the symbol of the Sacred

Heart and the monsignor's hat. The other sections show Mr. Buhl surrounded by children and the original school with the dates 1885 to 1959. The mural consists of about 85,500 three-quarter-inch square Horizon ceramic tile in color, and took six months from its inception to completion. It was installed by Wyler Tile Co., Canton, O.

## WAL-LOK Exhibited by Lenawee Peerless Inc.

WAL-LOK, manufactured by Lenawee Peerless Inc. of Adrian, Mich., will be one of the newcomers to the Architects Society of Ohio Convention. This display will be located in Booth No. 45 at the Sheraton Hotel.

WAL-LOK is a mortar joint reinforcing for masonry walls that has been scientifically designed to give the maximum control of shrinkage cracks.

The company's purpose at this convention is to show that there is a vast difference in the quality and performance of products in this field.

Wendall Ladd, president of Lenawee Peerless Inc., will be at the WAL-LOK Booth to explain these differences along with the proper use, applications and benefits of Mortar Joint Reinforcing.

A few minutes spent at Booth No. 45 could be very informative to those interested in masonry construction.

New descriptive literature and samples will be available for Architects in attendance.

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## Benjamin Moore Offers New Fire Retardant Paint

A completely new type of fire retardant paint will be marketed this fall by Benjamin Moore & Co. Called RETARDO Fire Retardant Paint, it is an intumescent alkyd flat paint formulated to provide maximum fire and flame retardance.

The RETARDO paint film reacts to flame and intense heat much like a sprinkler system. When the temperature reaches 400° to 500° the intumescent agents in the paint start to swell and form a thick, cellular barrier which insulates the wood and other combustible surfaces underneath. The insulating barrier reduces excessive heat penetration and retards the spread of flame.

RETARDO successfully met all three rigid tests made by the Underwriters' Laboratories—spread of flame retarded, low fuel contributed and minimum smoke developed. Yet RETARDO is much more than a fire retardant coating. It is truly a decorative finish, actually indistinguishable in appearance from the finest flat wall paint. It can be applied with brush, roller, or spray gun, requires no primer and can be used on practically any interior surface, including wood, plaster, wallboard, metal and other structural materials. Only two coats are needed for maximum protection.

Still another advantage of the new fire retardant paint is its complete washability. When thoroughly dry RE-

TARDO is not affected by water or solvents. Furthermore, it can be recoated at any time and will not show suction spots.

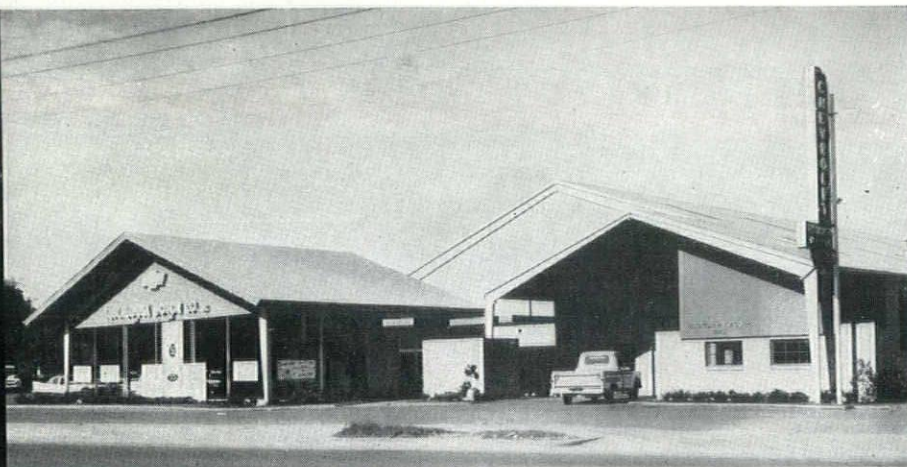
Packaged in a popular range of light colors, RETARDO is the result of many years' development and testing in Moore's research laboratories. Its use in decorating and protecting theaters, hospitals, factories, schools and private homes will help give fire departments the extra time needed for effective fire control.

## Buildex Features Educational Theme

At this year's exhibit and display in conjunction with the Annual Convention of the ASO, Buildex, Inc., of New Lexington, Ohio, plans to feature an educational theme centering around the advantageous physical properties of lightweight Buildex, expanded shale aggregate in concrete products. These advantages will be demonstrated through the use of pictures, literature and product samples from actual projects completed or in process.

Buildex, Inc., is now producing and shipping lightweight expanded shale aggregate to the Ohio Market Area for the second year. This operation was formerly owned, operated and marketed by, and as, "Lite Stone". The primary use of Buildex is for lightweight concrete masonry and structural concrete. In general, Buildex matches the physical properties of regular aggregate, but does offer a 40% reduction in weight.

## IDEAS... and ARMCO STEEL BUILDINGS



They *are* compatible . . . your ideas and Armco Steel Buildings. A variety of building designs, plus modular STEELOX® Panel wall construction make Armco Buildings the practical partner for your imagination. Factory production of components saves your client money. Yet you gain wide freedom of treatment in the variety of

Armco Building types that provide clear span widths from a few feet to 100 feet. Write for details. See our catalog in SWEET's Architectural File. Armco Drainage & Metal Products, Inc., 1820 Northwest Blvd., Columbus 12, Ohio. Offices in Middletown, Cleveland, Cincinnati.

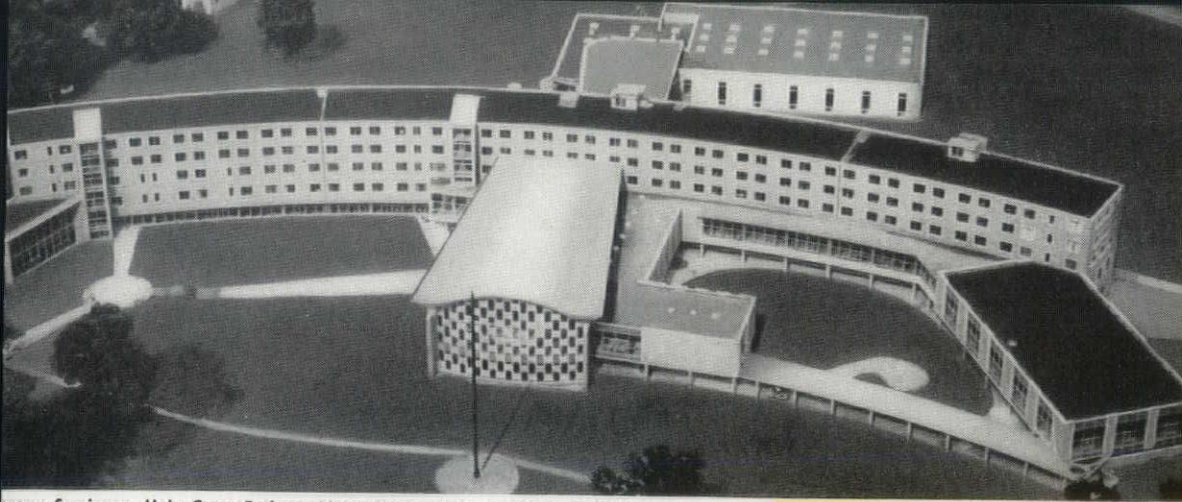
## ARMCO DRAINAGE & METAL PRODUCTS



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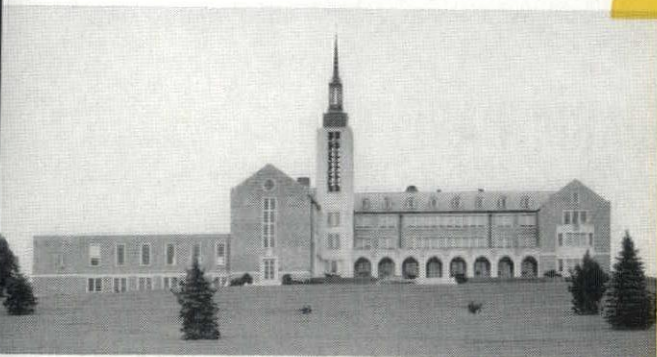


Crebeau Seminary, Holy Cross Fathers, Notre Dame, Ind. Architect: Belli & Illi, Chicago. Contractor: McCarthy Bros. Construction Co., St. Louis.

John Sloan Department Store, Nashville, Tenn. Architect: Marr & Holman, Nashville. General Contractor: Foster Creighton Co., Nashville.



John Fisher College, Rochester, N. Y. Architect: Maginnis & Walsh, Boston. Contractor: A. Friedrich and Sons Co., Rochester, N. Y.



Woodward Governor Company Building, Rockford, Ill. Architect: Reynier Eastman, Rockford, Ill. Contractor: Sjostrom and Son, Inc., Rockford, Ill.



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## Musson Rubber Will Exhibit Stair Covering

R. C. Musson Rubber Co. will devote the majority of its exhibit space to heavy duty molded rubber safety stair covering materials, Koroseal-Vinyl stair covering materials and perforated rubber entrance mats. These are products which are being advertised currently in Sweet's Architectural File, Sweet's Industrial Construction File, The American School and University Directory as well as leading flooring, architectural and industrial publications.

The company has attempted to bring out one new product each year to be used in conjunction with other safety items. Only recently they added Koroseal-Vinyl treads and expect to show these new styles and colors at the convention. The primary theme will be the availability of a complete and comprehensive line of molded rubber safety stair covering materials and rubber mats and matting. The range of stair covering materials is from the lightest to the heaviest gauges available on the market in all types of surfaces, constructions, designs, sizes and colors.

The products are primarily custom manufactured for each individual job and offer the architect an opportunity of combining safety and durability with that of customized looks and appearance.

## Inland Steel Exhibits Insulated Wall Panels

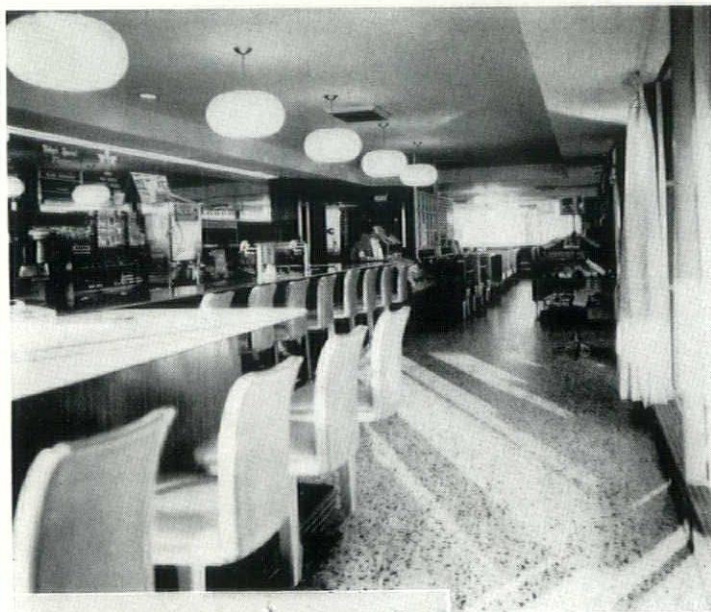
The Inland Steel Products Co. exhibit will feature the company's new line of insulated Wall Panels. These new panels, which have been designated as EDW Wall Panels, are offered with a bold, deep-shadow exterior configuration which provides an excellent medium for architectural expression on a wide variety of industrial and commercial buildings. Offered with a baked epoxy-resin prime finish on Bonderized steel, the new panel provides an excellent base for field-applied paint, thus permitting broad freedom in color choice.

The new Milcor Wall Panels can be put up fast in any kind of weather entirely from outside the building. Light weight panel construction also saves on foundation and structural costs.

The panels are available in 18, 20 or 22 gauge Bonderized steel with baked enamel prime coat; 18, 20 or 22 gauge galvanized steel; and 16, 18 or 20 B & S gauge embossed aluminum. Panels can be furnished in sheet lengths up to 28' 6".

The exterior panel of the EDW section can be used by itself as a non-insulated siding and it, of course, will present the same attractive exterior configuration.

## HOWARD JOHNSON'S selects the new BOIARDI PAVE TILE\*



\*PAVE—the compressed cement and marble aggregate tile

Partial view of interior of Howard Johnson's newest restaurant at Milford, Conn.



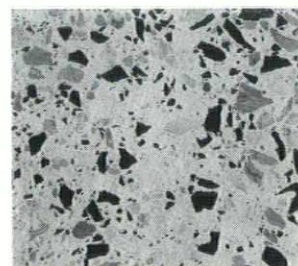
*for the entire floor area of their new glamorous Milford, Conn. restaurant*

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*Diana style tile used in the installation*

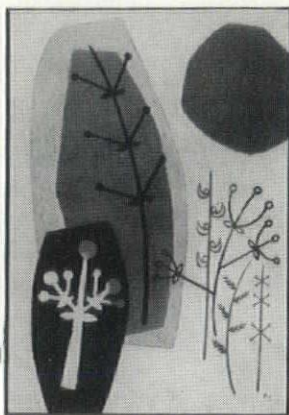
## Boiardi Tile Mfg. Co.,

Telephone: TOWer 1-8130

1525 Fairfield Ave.,

Cleveland 13, Ohio

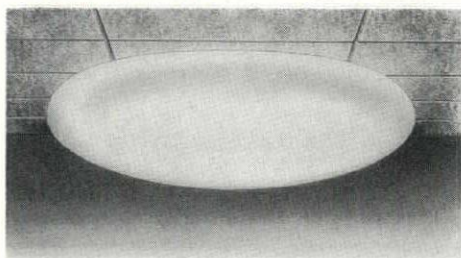




MURAL PANELS • MURA-TACK BOARDS • SPACE MODIFIERS • MOSAICS •



## Prescolite Designs Satellite Fixture



Introduction of a new "Satellite" series of surface and pendant lighting fixtures has been announced by Prescolite Manufacturing Corp., Berkeley, Calif. The new Satellites feature a large, hand-blown opal glass. This glass is available in diameters of 10 $\frac{7}{8}$ " and 17 13/16" for recessed, surface or pendant fixtures.

The larger diameter glass accommodates 2-150 watt globes; the smaller glass, 2-60 watt globes. Pipe length for the pendant fixtures are standardized at 12 and 26 inches. Other lengths may be specified if desired.

The Satellite glass may also be speci-

fied on Prescolite's new recessed concrete pour units, specially designed for concrete pour construction.

Complete information on the Satellite series may be obtained by writing Prescolite Manufacturing Corp., 2229 Fourth St., Berkeley, Calif. Request Satellite Fixture Data.

## McMillan To Show Demicon Cure-Hard

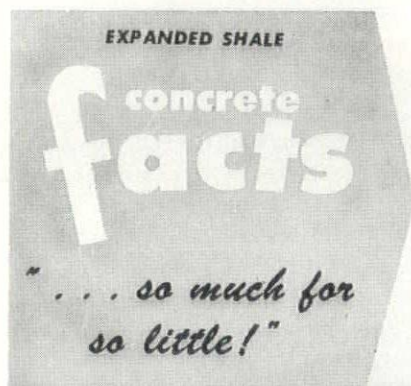
More and more architects are indicating interest in and specifying a new product which combines the curing and hardening of concrete in one operation. The product is Demicon Cure-Hard, a liquid which is used directly from containers without agitation or dilution. Seven days after application Demicon Cure-Hard is chemically impregnated in the concrete floor, leaving a hard, dust-free surface suitable for the application of asphalt tile, Vinyls or linoleum. The dust-free feature is especially important in commercial and

public buildings using floor coverings.

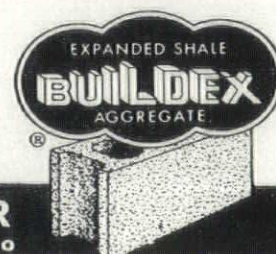
Demicon Cure-Hard is applied at approximately one-third the cost of separate curing and hardening operations, says Robert C. McMillan, president of McMillan Floor Products Co., which manufactures and distributes the product from its factory in Warren, Mich.

## Data Sheets Offered By Armco

Armco Steel Corporation has published eight new 4-page data sheets on porcelain enamel and porcelain enamel-stainless steel curtain walls. Subjects covered are office buildings, commercial building and elementary school. Design structural data and cost data are given with photographs, plans, details and other information. AIA File No. 15-H-2. For copies write to the company's Product Information Service, Middletown, and ask for P. O. 2558-A-6.



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## Janson Industries Completes Projects

The Janson Industries of Canton announces the September completion of two major stage equipment contracts in Ohio and the receipt of the largest stage equipment contract in the history of Ohio.

The main Columbus Masonic Temple stage was completely rigged by The Janson Industries and the old-fashioned Manila hauling lines method of the last century were replaced with 67 multi-speed double T-bar counterweight systems. In this installation the use of Janson aluminum equipment resulted in the savings of 10,000 pounds of counterweight loads imposed on the structure of this old auditorium.

Interested architects at the coming convention in Akron, may take the opportunity to look at the new installation just completed by The Janson Industries at the main Akron Masonic Temple. This contract was a complete redesign and replacement of old equipment. The Janson Industries fabricated, furnished and installed a new fly floor, 67 straight-lift, T-bar counterweight systems and numerous curtains and scenery.

The precedent sized stage equipment contract recently received by The Janson Industries is for completely equipping the new Speech and Music Building at Kent State University, also near the site of the convention. In addition to extensive counterweight systems, draperies and operating tracks, the \$200,000.00 contract embraces an extensive stage lighting system including switchboard with the latest developments in dimming, i.e., silicon controlled rectifier dimmers.

The Janson Industries has recently completed many other contracts in which they assume full responsibility of stage lighting and wiring. The company cited three examples of integrated stage and lighting contracts, Glenwood Senior High School near Canton, Troy Senior High School and Pontifical College Josephinum.

The Janson Industries are manufacturers and contractors of stage equipment, stage lighting and gymnasium dividing curtains and hardware as well as classroom draperies and tracks.

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Positive Hold-Open Closers are completely concealed in the floor. There is never any installation problem because of lack of space in head jams. Extra expense for door stops or hold-open devices is eliminated.

Positive Hold-Open is built right into the closer. It cannot be tampered with or misused, and is sure, safe, convenient, and foolproof. To push doors into hold-open position, about three (3) times the normal door-opening pressure is necessary. Doors cannot be opened beyond hold-open position — this prevents them from striking walls, glass, or partitions.

Counter Check starts smoothly at approximately 15° before hold-open position. Extra opening pressure warns of approaching hold-open stop, and prevents doors from being accidentally thrust into hold-open position. Counter check is reliable, safe, yet functionally simple.

These closers are made by the Shelby Spring Hinge Co. and will be displayed in Booth H on the Balcony of the Sheraton Hotel Ballroom.

## Clean-Line Aluminum Railing System

Architectural Art Manufacturing Co., 3239 North Hillside, Wichita 14, Kan., manufacturers of the aluminum expansion joint assemblies, are introducing their Clean-Line Aluminum Railing System.

A low cost railing designed for beauty, safety, simplicity, adaptability, strength and versatility is designed to fit any building design or construction. Splice bars, permitting hair line butt type joints with splicing mechanism concealed on the under side of the rail provides for a smooth, continuous line to meet any condition. Finishes are many, with variations available on the same railing. The architect has no limit in regard to designing this rail into his buildings.

Architectural Art Manufacturing Co. is displaying their rail at the 26th Annual Convention and Building Materials Exhibit of the Architects Society of Ohio, Booth No. 27.

OCTOBER, 1959

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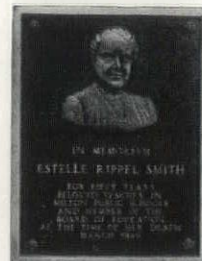
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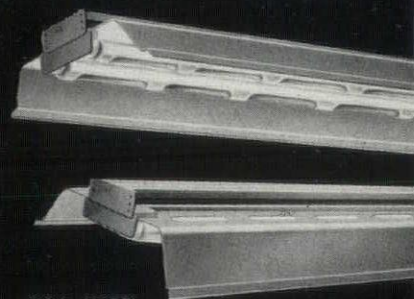
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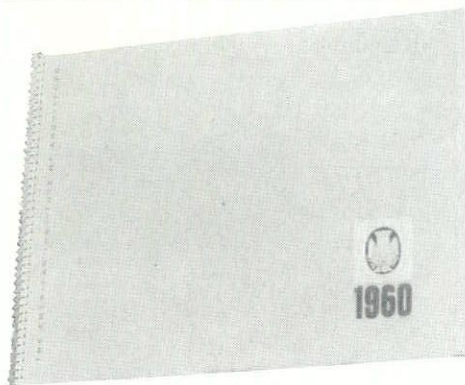
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## 1960 Appointment Calendar Is Now Available



The 1960 edition of the AIA Appointment Calendar is ready to go to press. Place your order now with the Cleveland Chapter AIA, 1010 Euclid Ave., Cleveland, Ohio.

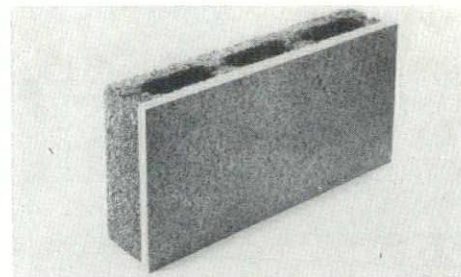
This attractive calendar will again be available this year to AIA members throughout the state at a cost of one dollar per copy. For each calendar that is purchased by a member, a free copy will be sent to his Chapter's Secretary for complimentary distribution

to local business and civic leaders. The AIA has received a host of favorable comments on last year's calendar because of its attractive, dignified appearance and its everyday usefulness. As a result, the Octagon awarded it the "Document of the Month" title earlier this year.

The calendar is printed on heavy stock and is spiral bound. Each page bears a statement that reminds the user of the unique and vital service that architects perform. On the back page the mailing address of each of the six Ohio Chapters of the AIA is listed.

These calendars make excellent Christmas and New Years gifts for your clients and are simply mailed to the client with your architect's business card enclosed with it. Please get your order in the hands of the Cleveland Chapter as soon as possible. In this manner you will be supporting your Statewide public relations program.

## Aristocrat Block

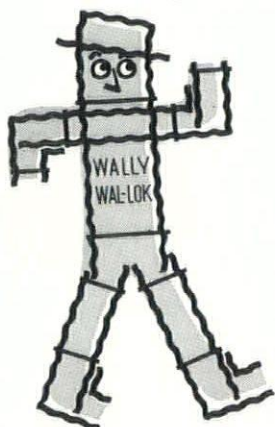


Pre-finished, plastic-faced concrete or lightweight block that permits the erection of finished walls in one operation, is now being produced by The Cleveland Builders Supply Co. Known as Aristocrat Block, this new load-bearing material eliminates need for lathing, plastering and painting. Costs are reduced and earlier occupancy of the building is permitted.

This new material is proving to be particularly well suited to use in hospitals, swimming pools, locker rooms, bakeries, dairies and packing houses, because of its adaptability to strict cleaning requirements. Its fine appearance recommends it to a much wider variety of uses.

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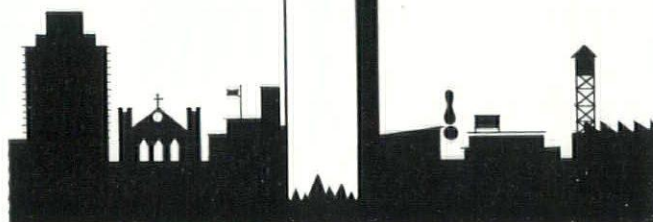
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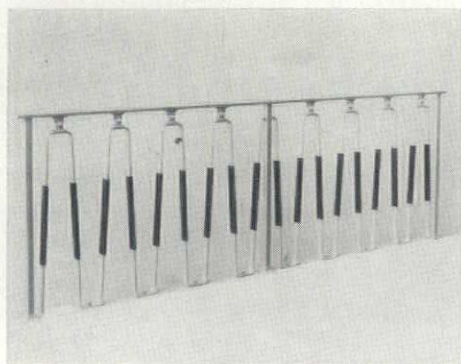
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Exhibiting in Booth 5, A.S.O. Convention  
Akron, October 14, 15 and 16



## Newman Brothers To Show New Railings



In keeping with modern demands for advanced architectural developments and the enhancement of beauty in construction Newman Brothers, Inc., Cincinnati, call attention to their new ribbon balusters. These are part of their popular Econo-Rail distinctive aluminum extruded quality railings at amazingly low cost. The balusters are adjustable to any angle and to meet any desired installation on level as well as on rake. The balusters are available in any lengths in an attractive combination of satin and black anodized extruded aluminum, for straight line installation as dividers or as regular stair railings.

Newman ribbon balusters embody all the advantages of other items in the Econo-Rail line which combines all of the requisite qualities of rigidity and enduring strength. Savings are substantial over old style railings because 90%

of the welding is completely eliminated. This puts an end to discoloration at the joints. Econo-Rail has accurately machined, rigidly reinforced joints utilizing mechanical double-wall construction and is vibration and impact resistant.

Newman Brothers, Inc. have been in business since 1882 and have been producing quality architectural products of bronze, aluminum, stainless steel etc. for schools, hospitals, churches, industry, office buildings and institutions. Their installations are to be found in outstanding building projects in every state in the Union and in many foreign countries. In addition to the products mentioned, Newman Brothers are pioneer manufacturers of curtain walls, extruded and cast aluminum, bronze and fabricated stainless steel doors and entrances. They are among the leading makers of aluminum stainless steel and bronze tablets and plaques, metal letters and similar items as well as Books of Appreciation and Books of Memory which consist of bronze covers in special designs with pages of copper on which up to 3250 names may be placed to memorialize donors and friends of organizations, churches, institutions etc. Illustrated, colorful catalog and full details may be obtained by writing Newman Brothers, Inc. 690 West 4th St., Cincinnati 3, Ohio.

## Andersen To Show New Window Unit



A feature of the Andersen Corp. display, booths 34 and 41, is the new Andersen STRUTWALL structural window unit component. Here is an Andersen Window unit of highest quality installed at the factory in a completely framed wall section. The advantages are three fold.

A better, tighter window installation. Faster erection and substantial savings in construction labor and materials. The same design freedom afforded by individual, site-installed windows.

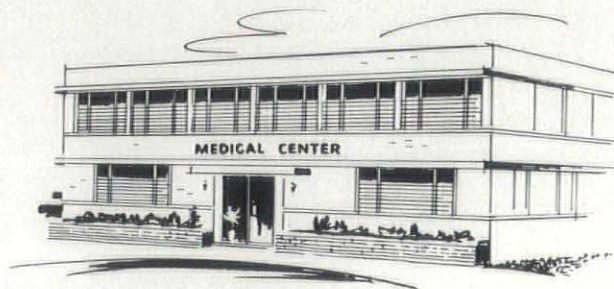
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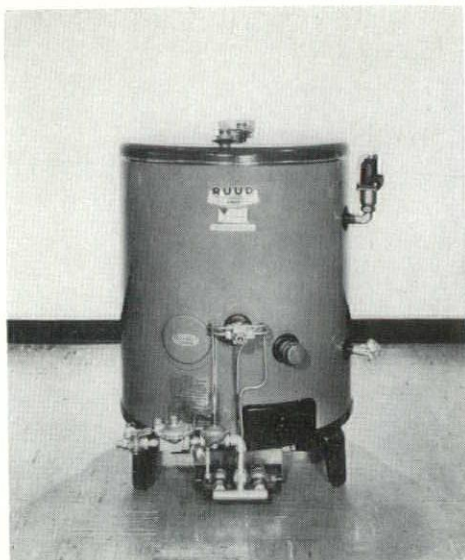


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## Ruud Sanimaster To Be Exhibited



The Ruud Sanimaster Model AST 30-100 commercial gas water heater is widely used in food service establishments, service stations, garages, supermarkets, swimming pools and baptistries.

Featured in the booth of the Ruud Manufacturing Co. at the convention exhibit of the Architects Society of Ohio is the Ruud Sanimaster automatic gas water heater Model AST 60-60 and its two-temperature service (180- and 140-degree hot water delivered simultaneously) for food service operations, apartment buildings and other commercial applications. Model AST 60-60 with its solid, rustproof (R) Alcoa aluminum alloy tank is one of a series of eight Ruud Sanimaster types designed for volume hot water delivery with small units without external storage tanks.

All Ruud Sanimaster models are approved by the American Gas Association and the National Sanitation Foundation.

Ruud is distributed in Ohio by the Rex Pipe and Supply Co., Cleveland; Sandusky Wholesalers; the Malone-Day Co., Warren; the Hardware and Supply Co., Akron; the F. F. Leonard Co., Columbus; and the Merco-Sterling Sanitary Supply Co., Cincinnati.

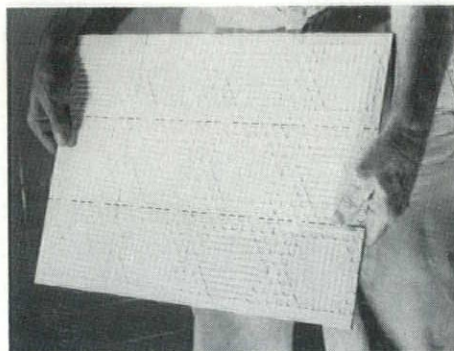
## Tile Company Offers New Product

American Olean Tile Co. is now offering a new type of mounted glazed tile for faster, easier, more economical installation.

Called Master-Set, the new product differs from other similar products in that the tiles are mounted on a specially developed paper-thin sheet.

The thin sheet mounting, according to American Olean, offers several important advantages. It is tough enough to hold tiles rigidly in place without sagging or stretching—thin enough to fit snugly on walls with an unusually tight bond—flexible enough to conform to wall contours. It also permits individual tiles or sections to be cut or snapped from the sheet easily and quickly. American Olean's precision sizing of its individual tiles assures straight, even, uniform joints without the need for trowel adjustment.

With Master-Set, as many as twelve  $\frac{1}{4}$ " tiles are installed as one unit—or 9 larger size tiles, covering up to  $1\frac{1}{2}$  square feet of wall at a time. Sheets go

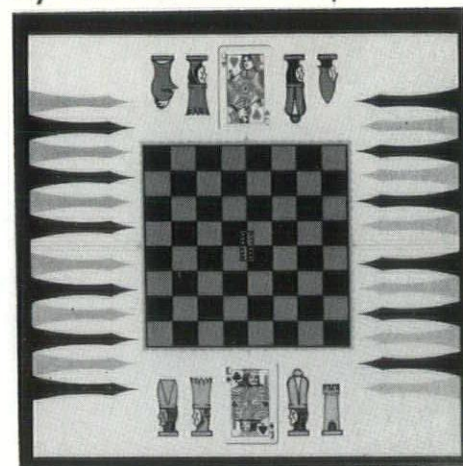


from carton to wall in one motion with no soaking needed.

Master-Set thus assures substantial savings on glazed tile installations—especially on long corridors and large areas which can be tiled up to three times faster than if set individually.

Master-Set Tile is now available from American Olean in all standard glazed tile sizes, in regular and Crystalline glazes and in some of the company's exclusively Scored Tile Designs.

## Game Top Table Given By The Formica Corp.



The above pictured Game Top Table, manufactured by the Formica Corp., is a natural for a cardtable, or where there are chess or checker fans. The colors are red, black, blue and gold on a background of solid white. Designs are incorporated into a Formica sheet through the use of the silk screen method. It will be manufactured in sheet size, so that it may be utilized on a 30" or 36" finished cardtable.

## Electromode Shows New Convectors



Electromode's newly re-designed Electric Baseboard convectors will appear on display at the ASO convention as will their Floor-Insert Heater.

Lower-slimmer-longer describes the new baseboard design. Height has been reduced to 6", depth to  $2\frac{1}{2}$ ", and Modular lengths of 32", 64", and 96" have been introduced with wattages of 550, 1100, and 1650 watts respectively.

## ARCHITECTURAL ART MANUFACTURING COMPANY

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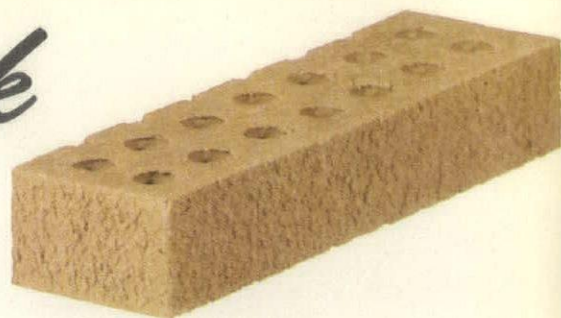
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# Tebco Face Brick

NOW! . . . **31** Color Combinations!  
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Illustrated: **FLORIDA BEIGE (43)** Norman Size, Matt Textured,  
One of Evans' 31 Distinctive Colors and Combinations



## THE EVANS BRICK COMPANY

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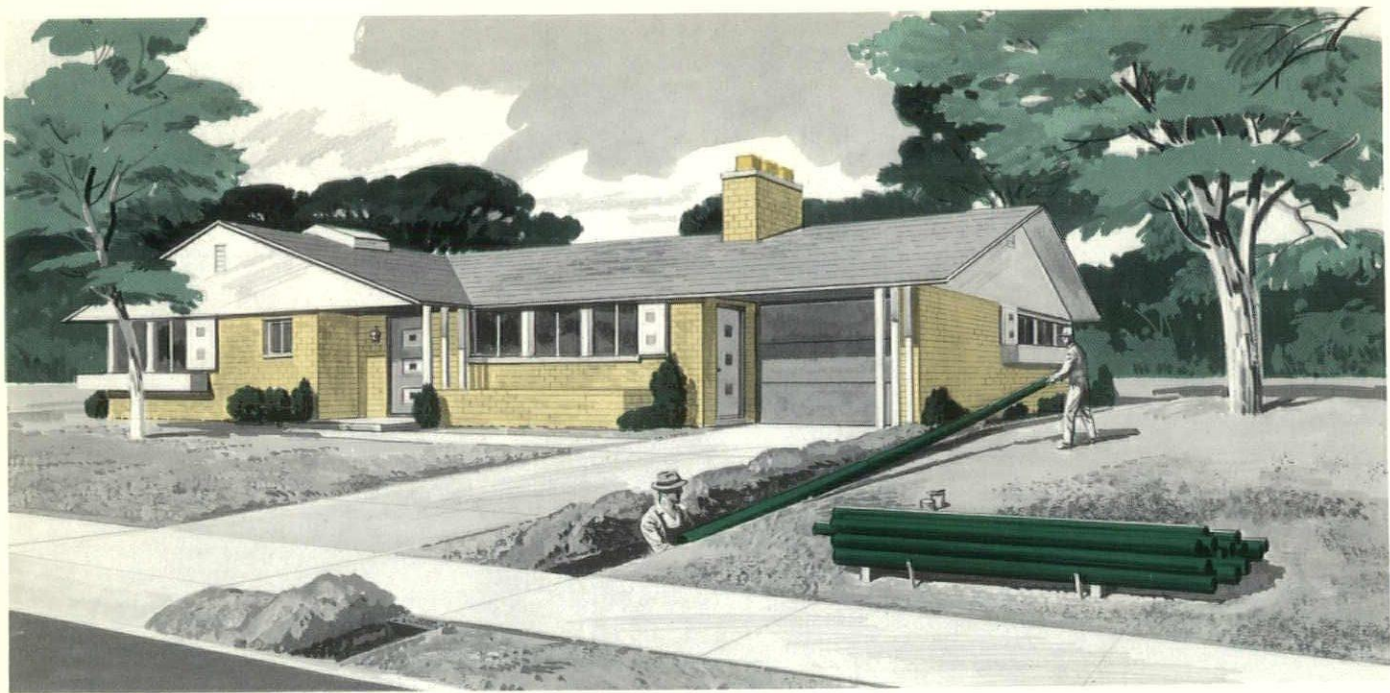
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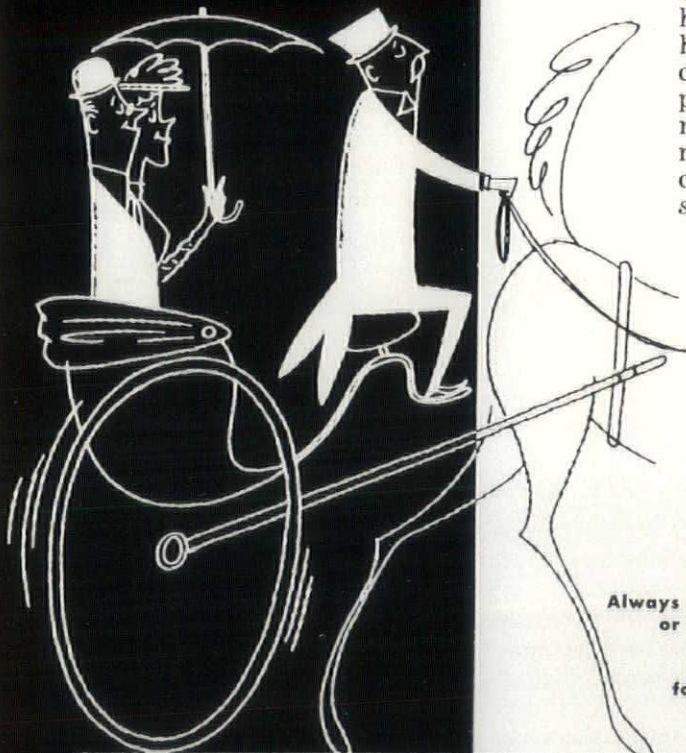
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EB-259-11A



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These "new fangled" nails are no longer a novelty. They've met the test of a quarter of a century of use. Architects specify them. Leading builders, contractors, fabricators use them by the millions of pounds a year.

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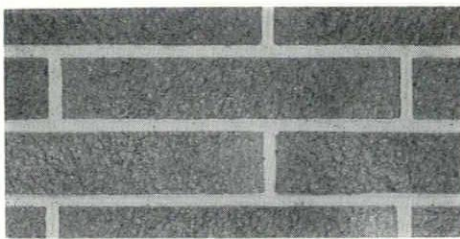
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## Tebco Face Brick Now In 31 Colors



Tebco Norman Face Brick manufactured by the Evans Brick Co., Uhrichsville, Ohio, is one of three sizes and is available in four textures and 31 color combinations. Nominal size of Norman brick is 2 x 4 x 12 inches. Tebco face brick meets all ASTM and FS Standards.

With interest in distinctive colors and surface textures in building materials at an all-time high, the Evans Brick Co., Uhrichsville, Ohio, is geared to meet the demanding requirements of builders through assured quality and service.

Currently, Evans' popular line of Tebco Face Brick is available in 31 color combinations, four textures — smooth, vertical scored, matt, and velour — and three sizes — Standard, Roman, and Norman.

Tebco Norman Face Brick, precision-like in beauty and simplicity, with a smart matt-finished surface, is a popular choice of builders. Its modern tone is in good taste in any setting—homes, schools, churches, apartments, hospitals, commercial structures, and many others. An unusual advantage of Norman Face Brick is its charming beauty for interiors . . . for accenting details like

planters, fireplaces, and even for entire walls.

Nominal size of Tebco Norman Face Brick is 2 x 4 x 12 inches, emphasizing horizontal width and creating a look of expansiveness.

Tebco Face Brick meets all standards of the American Society for Testing Materials (ASTM) and Federal Specifications (FS) issued by the General Services Administration.

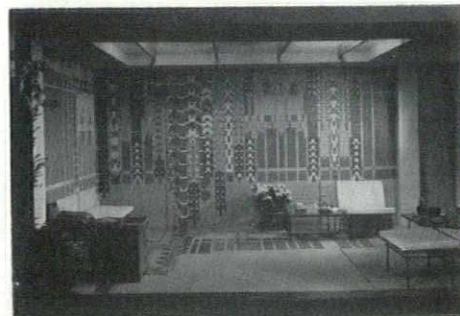
Evans' recent expansion and mechanization program, increasing face brick production to over 50 million a year, assures prompt delivery of Tebco Face Brick to meet schedules of the largest construction jobs.

In addition to Tebco Face Brick, Evans is a major producer of clay pipe, clay flue lining, wall coping, plastic pipe and related construction materials.

Evans, in its production of clay flue lining and association with the Clay Flue Lining Institute, is cooperating with many communities that have already taken steps to protect their citizens by enacting ordinances requiring the installation of clay flue lining in all new chimneys.

Clay flue lining provides a smooth interior surface that permanently prevents furnace gases or sparks from escaping into the structure. Clay flue lining will outlast the structure it serves, and is adaptable to any fuel—gas, coal, oil or wood. It's 100 per cent fireproof.

## Mosaic Tile Exhibits New Product



This beautiful lazi demonstrates the color compatibility and size relationship of Mosaic's new Harmonitone mosaics. It contains five tile types and eleven colors. Designer is Eugene Masselink, associate of the late Frank Lloyd Wright.

The exhibit of The Mosaic Tile Co. will feature its new Harmonitone palette of related ceramic tile colors. There are nine "families" of basic colors. Colors within a family harmonize with one another, and each family is compatible with all others. Nine different tile types are represented in each color family.

An outstanding development in the Harmonitone palette is the Faientex line of glazed mosaics. Faientex has a glaze of distinctive variegated texture on a vitreous body. It is suitable for exterior as well as interior application.

All mosaics in the Harmonitone line are available in common sizes so that they can be combined in an almost limitless array of patterns.

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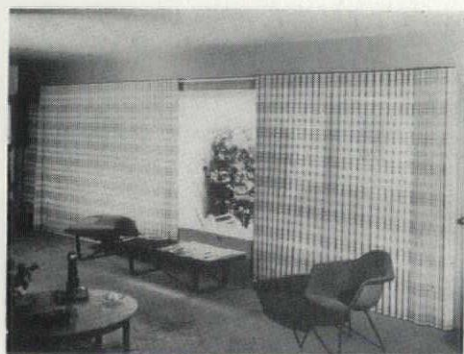
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## Flameproof Window Treatments Offered



A stylish new aluminum material for draperies and shades has just been introduced by Hunter Douglas Division, Bridgeport Brass Co.

Known as Flexalum Woven Aluminum, it is made of fireproof sculptured aluminum reeds loomed with yarns and threads in two basic patterns: high-style Sea Isle—with a monochromatic pattern woven of yarns and metallic thread; and Trade Winds—the classic white-on-white in simple pattern weave. Soon to be added is a wider reed pattern woven with a simple

stitch, which will be identified as Gulf Stream.

Versatility is the keynote of this material, for it combines the appeal of high-style window fashion with the practical advantage of eliminating glare but admitting soft diffused light.

The flexibility of Flexalum Woven Aluminum makes it equally adaptable for use as draperies that traverse, roll shades—both cord and pulley or spring roller types—room separators, backdrops and wall treatments.

Since its introduction on the market a short while ago, the product has met with broad architectural interest. Still new, it has been specified in a prominent West Coast hotel, a large apartment development, in rooms in hotels, hospitals, institutions of all kinds.

Flexalum Woven Aluminum meets requirements for safety, maximum durability, color fastness and ease of maintenance. The fireproof Flexalum aluminum reeds are made of a special alloy created for home decorating. The permanent baked enamel finish can't fade, warp, split or mildew and the smooth surface is easy to keep dust-free.

## Flexicore Displays At ASO Convention



The Flexicore Manufacturers of Ohio invite all attending architects to stop by this booth to examine the latest developments of this application.

The Flexicore Manufacturers who will be attending are Price Brothers Co., Dayton; Arrowcrete Corp., Columbus; and Lake Erie Flexicore, Inc., Kent.

## IMPORTANT NEWS for Architects and Specifiers



Underwriters' Labels identify Lexsucu Vapor Barrier and Lexsucu Adhesive R907T—the only products of their kind to bear this well known label.

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- 4—Farrell Elementary School, Philadelphia, Pa.; Stickle and Associates, Architects.
- 5—First Christian Church, Flora, Ill.; Robert J. Smith, Architect.
- 6—Union Commercial Savings Bank, East Palestine, Ohio; Roy W. Weit, Architect.
- 7—Horace Harding Express Boulevard Overpasses, Long Island, N. Y.; State of New York, Dept. Public Works.

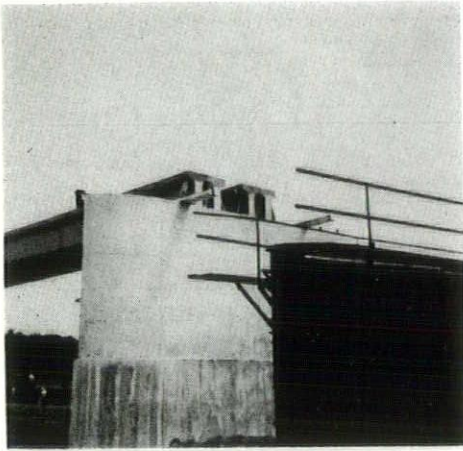
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## Permacrete Forms Railroad Girders



Corflor, Prestressed Double-Tee and Single-Tee material will be shown at the Architect's October Convention in Akron.

Permacrete Products have just completed 28 girders for an industrial railroad bridge. These girders were formed in the same Single-Tee mold as we use for building members. Each girder had a clear span of 54 feet and a design load capacity of 41 tons.

## Plasteel Products Will Exhibit 3 Products

Plasteel Products Corp. of Washington, Pa., will present three of its most famous products for the inspection of the architects during the Architects Society of Ohio Convention in October.

Plasteel Insulated Panels, which are available in protected metal, aluminum, stainless steel and galvanized, permit more flexible architectural design as Curtain Walls. Plasteel Insulated Panels have the added advantage of choice of field or shop application of insulation as specified by the architect.

Plasteel Type B Roof Deck, available in protected metal and aluminum as well as plain, prime painted or galvanized steel will also be displayed. The simplicity of design and ease of erection of Plasteel Roof Deck provides economical construction and modern, attractive appearance completely in keeping with the Architect's requirements.

Color Clad Plasteel, the ultimate in protected metal roofing and siding, provides a six-coat protective system. The

acrylic resin color coat in choice of five standard colors has proved its ability to weather as well as the protected metal sheets to which it is applied. The complete compatability between the color coat and the series of protective coatings underneath now provides the architect with both color and protection without sacrifice of either requirement.

Use of Color Clad Plasteel is nationwide. The Ordnance Field Maintenance Shop at Camp Kilmer, New Jersey, Maintenance Hangar A at North Philadelphia Airport and the Schield Bantam Company Office Building at Waverly, Iowa, are just three examples of tasteful, imaginative use of Color Clad Plasteel in widely diverse functions.

Plasteel Products Corporation will exhibit at the Architects Society of Ohio in Akron during the Convention and will have members of the Corporation on duty to answer questions regarding manufacture, testing, installation techniques and the many services Plasteel Products offers.

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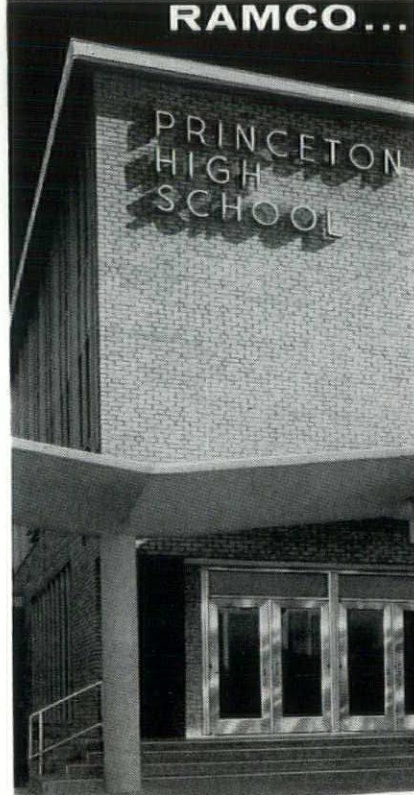
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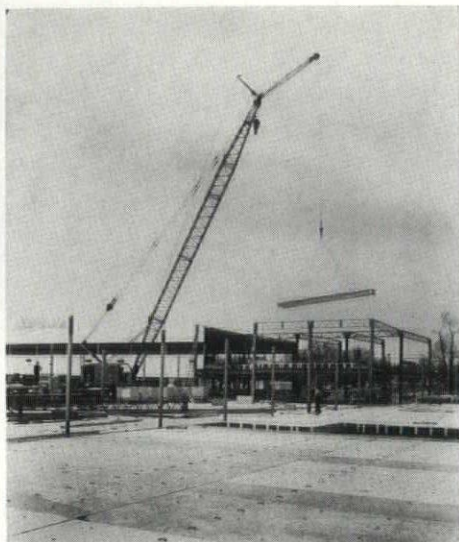
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## General Dredging Double Tee Slabs



A giant Double Tee slab is lowered into place at the Lakeside Junior High School, Fort Wayne, Ind. Two joists and a floor section are installed in one operation.

Fort Wayne, Ind., like any other community, faced an acute classroom shortage because of the increasing number of school age children. To help relieve the situation a new junior high school was planned for an older built-up district where suitable vacant land was scarce. The only practical location was an area of river bottom land.

Martindale and Dahlgren, Fort Wayne architectural firm, solved this land problem by calling for concrete piling to suspend the building over the mucky soil. For the first and second floors, they selected Double Tee slab construction because it would give them a precast concrete floor which could be installed rapidly and would provide immediate working area for all trades. Other Double Tee features include: economical first cost, maintenance free, fire-safe construction and lower insurance costs.

76,000 square feet of Double Tee slabs were manufactured by the Maso-lite Division of the General Dredging Co., Inc., Fort Wayne. Both floors of the school were erected in 14 working days. Construction was started Jan. 19, 1959 and the building was ready for occupancy at the start of the fall term.

The firm has expanded facilities to increase production of spans to 40 feet.

OCTOBER, 1959



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## Toledo Firm Adds New Line

National Cement Products Co., Toledo, recently added colored concrete brick to its line of more than 100 different concrete products, Warren Fellabaum, vice president-sales, reports. The new brick, with the tradename ColorCrete, comes in four colors, buff yellow, tint red, pastel pink, and lime green, as well as the standard off-white.

The colored product was the result of more than four months research in obtaining stable and desirable pastel colors, and the color also was extended to patio block, the firm's first-time offering.

National Cement is the only concrete product company in northwest Ohio, and one of the few in the United States, to build a complete new Autoclaving plant—to cure its products under high pressure, with high temperatures. Autoclaving is slowly being adopted by many of the larger concrete block firms in the country as resulting in an improved product. The installation was completed last summer.

Autoclaving has cut down the necessary curing time from 28 days to a wait for the block to cool enough to handle. The new product is chemically changed, harder, lighter in color, with less change in shape to combat future cracking problems.

National also is one of the few firms to install complete automation—from bins, hoppers and molds, to autoclave, conveyors and yard storage. Stockpiling space is no longer

a problem as the new product can be used sooner, with less danger of damage from handling. Automatic unloaders on trucks have speeded delivery, and allow access into many difficult construction sites.

Another new product which has received quick acceptance is the prefabricated stadium section—molded in 14- and 16-foot lengths. A 1,000-seat bleacher can be assembled within a week, including the cast-in-place columns. A number of these stadiums have been built in northwest Ohio and southern Michigan.

## Stark Exhibits New Glazed Facing Tile



The above photo shows a recent installation of their Random Ashlar Pattern. The project is the Central Fire Station, Canton, Cox & Forsyth, architects of Canton.

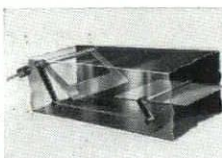
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