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AUGUST, 1960

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COVER AND FEATURE MATERIAL

Feature material in this issue was furnished by Noel J. Blank, associate editor of the Toledo Chapter of the American Institute of Architects.
Pictured on the cover are the presidents of the six chapters of the Architects Society of Ohio.

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Page 5
A rural high school campus—five brick, glass and steel buildings connected by glass walled corridors—the new Elmwood Consolidated High School was constructed on 40 acres of open, flat rural land in Wood County, Ohio. The country site is a midpoint for transportation from five school districts. Before consolidation students attended four small high schools. Expanded facilities of the new consolidated school offer greatly increased educational opportunities for 600 students. Offerings for students jumped from 20 courses to 50 courses in the new building. It was possible to assign teachers according to their major field of training and to group the students on the basis of ability in each subject area for increased classroom effectiveness in English, science and mathematics courses.

Elmwood, completed in September 1959, was designed on a modified-campus-style so that special areas could be separated. General classrooms, library, speech and art are in one unit; special classes in home economics, science and commerce occupy a second unit; a third unit was planned for vocational, agriculture shop, metal and wood shops, mechanical drawing and boiler rooms; cafeteria, offices and music have a separate unit. The fifth unit is a separate auditorium-gymnasium offering a full time physical education program. The 9000 sq. ft. accommodates two full crosscourt basketball floors as well as the full length playing floor. Elmwood’s auditorium has a seating capacity of 850 and is used extensively by the entire community.

The entire Elmwood High School complex is a series of steel framed buildings, except for the shop building where extensive openness of the exterior wall would have been detrimental. The frames of the two classroom units have tee columns visible from the exterior that call out the 15 feet structural module. A kind of ‘L’ shaped steel deck is used as a roof structure. Acoustic tile and recessed fluorescent troffers are accommodated by this deck. The shop building is a masonry bearing wall structure with a bar joist roof construction.

In the connecting corridors as well as in the office section a repetitious shop fabricated structural curtain wall was developed that permitted entire connector lengths to be erected at once. These walls are bolted to the foundation and have glass stopped directly between the posts, eliminating the conventional sash.

The auditorium-gymnasium building is a large steel cube, using 98 feet long-span joists, that encompasses the functions and shapes of the auditorium, locker rooms, gymnasium, lobby and auxiliary rooms. Again the columns for this structure are placed on the 15 feet module.

In addition to the steel skeleton the major portion of the exterior surface is brick and glass. Steel sash and steel entry doors are used everywhere except in the two classroom units where aluminum is used.

In the interior all corridor floors are terrazzo. Gymnasium and stage floors are maple strip, and all remaining floors are asphalt tile.

Classroom and office walls are plaster on metal studs; corridors have ceramic tile on metal stud walls. Structural facing tile is used, floor to ceiling, in all toilet and locker rooms. All door frames are metal. Ceilings are steel deck and acoustic tile, except in areas of steel roof joist construction.
North view of the Elmwood High School shows at left a portion of the two-story auditorium-gymnasium building. A glass-walled corridor connects the gymnasium with the academic-classroom building, right. Elmwood architectural plans were exhibited at the 1960 National School Boards Association Convention, Chicago; the 1960 convention of the American Association of School Administrators and the 1959 Ohio School Boards Convention.

(Below) Floor plan of Elmwood's five connected buildings; second floor of auditorium-gymnasium, not shown, accommodates locker rooms, showers, laundry and storage areas.
The New Approach to Old Age

The philosophical concept of old age has changed markedly in this mid-Twentieth Century. A person of 65 or older is no longer a “has-been”—rather is this person a “Senior Citizen,” in most instances healthy, responsible, useful, financially independent with a keen desire to spend late years in a purposeful way.

Today, realistic people look upon old age as a period of life capable of meaningful content. It is not a time of helplessness ... rather a time of respectability. They realize that any program for senior citizens should help develop their potentialities, bring the benefits of health and happiness resulting from new resources of science and society. They know that such a program must relate the lives of its participants to the surrounding community, that it must help the senior citizen gain and maintain a sense of personal adequacy in our complex social structure.

They know that a sound program should provide ...

- spiritual inspiration and comfort
- sound physical and mental health
- pleasant living arrangements
- happy social relationships
- economic security through socially useful and personally satisfying occupations.

An Approach to One Elderly Housing Project ...

It was in 1957 that Victor D. Bjork, administrator of Flower Hospital in Toledo, first visited with the principals of Samborn, Steketee, Otis and Evans, engineers and architects, about the "Senior Citizen." He had certain basic ideas in mind and sought assistance in their development.
A year of research by the architects was the result of this first visit, a year spent in deep, co-operative study of old age philosophy, of new ideas in old age living. Senior citizens projects were visited in all sections of the country, data was collected and co-ordinated on the thoughts, desires and aspirations of the elderly, their health maintenance requirements, dietary and occupational needs, hobbies, recreation.

Studying and working together, Mr. Bjork and John H. V. Evans of Samborn, Steketee, Otis and Evans developed a plan for a thoughtfully-integrated "village" for senior citizens, complete with living apartment units, a chapel, nursing and acute hospital care facilities, a hobby achievement center with an exhibit hall, a lodge hall and other recreational elements.

The First Step

The site was chosen—an 85-acre, beautiful, partly-wooded estate near Sylvania in suburban Toledo. Because of the low roll of the land the new village was named "Crestview" and plans were drawn for the first of many buildings which would eventually accommodate a population of up to 3,000 senior citizens.

"Crestview of Ohio, Inc.," a non-profit corporation, was formed to construct, operate and maintain the new village. It was constituted as a non-profit organization, sponsored by Flower Hospital and affiliated with the organization of Methodist Hospitals and Homes of the Ohio Annual Conference of the Methodist Church. Crestview of Ohio immediately became a member of the American Hospital Association and the Ohio Hospital Association.

Financing was secured—an FHA guaranteed 40-year mortgage, one of the first of its type in the midwest—and work began on the initial phase of the overall project—a modern, fireproof, six-floor apartment building with 175 private apartment-residences to accommodate 207 people. It was completed in January 1960 by Fred W. Entenman, Inc., general contractors.

Eight types of living units have been designed into the building from single studios to two-bedroom apartments, accommodating the single person as well as the married couple. Prices vary according to size and location in the building.

Private kitchenettes are a part of many units, permitting the preparation of a light breakfast or a mid-day party snack.

Although the residents of Crestview are healthy and ambulatory, these special provisions have been included within the individual apartments for comfort and safety: sliding doors; 24-hour intercommunication to a central control point; and, in the bath, ceramic tile walls, showers, low tubs, securely anchored grab bars and medicine cabinet fixtures arranged for use by a person in a wheelchair.

Heating is by perimeter hot water radiation with additional heat and fresh, filtered air provided by a ventilating system that changes the air in the building three to four times every hour. Wiring is installed, ready for air conditioning units if the resident wishes.

And when they wish it, the residents have many things to do, many places to go throughout the building. Every element of safety and comfort has been considered. There are no steps or ramps in the building and provision has been made for adequate handrails, particularly in corridors. Nonskid flooring that requires no wax has been used. The elevators are equipped with all known safety devices.

The architects designed a "commons" room into each floor for small, convivial get-togethers during the day or in the evening hours. On the first floor this room was converted into a beauty salon so lady residents may have the assistance of a trained beautician in keeping up their appearance—so important to morale.

The main dining room, cheery and sunlit, has a club-like atmosphere with carefully chosen decorative appointments and leisurely service that makes for contentment. Residents are asked to enjoy at least two meals a day in this room, thus insuring them some measure of dietary control and offering the important psychological benefit of meeting and mixing with neighbors.

On the ground floor there is a multipurpose room for social gatherings with hobby and craft shops adjoining. Residents are urged to enjoy the satisfaction that comes from leisurely but purposeful manual work.

In the plot plan of the apartment building individual outdoor garden space can be provided the residents so they may plant, nurture and harvest their own "stand" of flowers or vegetables. Near by are outdoor lounges and patios.

Quite often the senior citizen has a fear of sudden illness. This fear is allayed at Crestview by the on-call duty of a doctor and a registered nurse 24 hours a day. In case of acute illness (Continued on Page 10)
This spacious lounge room is available to all "Crestview" residents and guests. The dining room is partially visible through the draped windows in the center of the photo.

(Continued from Page 9)

the resident may be transported quickly to affiliate Flower Hospital in Toledo. As the Crestview "village" develops, an eight-story, 300-bed medical building will be constructed, providing long-term, self, intermediate and acute care for the residents and for people in the surrounding geographic area.

A total of four more apartment buildings is planned, similar in design to the first one now completed. As in the initial unit, residents will actually "buy" their individual apartments with their "Founders Security Fee," ranging from $8,100 up. This provides lifetime occupancy of the apartment as well as the use of all facilities. In addition, a "Monthly Life Care Fee" of $150 per person covers the cost of three well-planned meals a day, special dietary services, maintenance and upkeep of the apartment building, laundering of apartment linen, the house physician and infirmary service and standard hospitalization.

Throughout the entire development of the Crestview concept for senior citizen living, close co-operation of the sponsor and the architect has been the keynote. This co-operation, and its resultant attention to the details of comfort and convenience for Crestview residents, has led to the successful completion and operation of the first unit—the forerunner of many such units in this "village" facility.

A Construction First At Crestview

. . . Two-Way Voided Lift Slab Design

From the standpoint of engineering and architecture the two-way voided lift slab method is not a method of design—rather it is a technique of construction which consists of pouring the upper floors and roof of a structure at ground level, using the building's ground floor as a soffit form and utilizing a maximum of voids in the slab.

After the slabs have cured properly, each one is lifted by hydraulic jacks to its proper elevation and permanently fastened to the columns. Concrete voided slabs and steel columns are employed as the basic structural system.

This method has many practical advantages in both construction and design and offers economics not readily apparent at first glance.

One important advantage inherent in this type of construction is that a lighter slab with less mass is required to be raised by each jack. With the maximum use of voids a thicker and stiffer slab is provided, yet it is lighter. This allows more working room in the area of the column shear heads, a critical area in flat slab construction.

With less deflection construction problems created by unequal deflection between slabs are decreased. Often, in cases in which movable partitions and siding are used, the stiffer slab minimizes problems of caulking, plumbness and clearance.

Design advantages over conventional methods of construction such as beam and slab, joist or waffle slab include:

1. Maximum flexibility—the ability to relocate partitions in a multiple number of positions for a variety of room arrangements;
2. Completely optional ceiling treatment—paint can be applied, or acoustical plaster or tile may be attached where desired, permitting maximum pattern selection and flexibility;
3. Enhanced exterior appearance—this may be gained by the use of cantilevers. The stiffer slab reduces the sine wave effect often found in flat slabs having relatively long spans.

Slab in place costs may exceed other methods of construction. But savings realized by eliminating or lowering costs in other construction trades often make the voided lift slab the most economical method. The "Crestview" project represents, it is believed, the first time the two-way voided lift slab method has been used in the United States. As the name implies, voids, as well as reinforcing, run in both directions. The design is basically that of a two-way flat slab with maximum use of voids where concrete is not required for shear or movement in each direction.

In the case of "Crestview," the span is 24 feet, 6 inches. Slabs are 10 inches thick with 5-inch and 6-inch diameter fiber tubes as voids. With this technique the dead load has been reduced from 125 psf to 84 psf which, of course, has reflected a decrease in column footings, slab reinforcing and concrete.

OHIO ARCHITECT
Chapter Presidents Serve Ohio Architects

Richard H. Wheeler, President
Cincinnati Chapter, AIA

Richard Wheeler, AIA, has been a member of the faculty of the University of Cincinnati as an assistant professor of architecture in the College of Applied Arts since 1953. He also taught architecture at Washington University in St. Louis, Mo.

Presently a partner in the Cincinnati firm Garber, Tweddell & Wheeler, Mr. Wheeler has practiced architecture in Boston, Carl Koch & Associates; Detroit, Eberle M. Smith & Associates; and St. Louis, Hellmuth Yamasaki & Leinweber.

A native of Massachusetts, Mr. Wheeler was graduated from Harvard University in 1946 and Harvard School of Design with a Bachelor of Architecture degree in 1951.

He has devoted much time to the service of both the Cincinnati Chapter and the Architects Society of Ohio.

Noverre Musson, President
Columbus Chapter, AIA

Noverre Musson, AIA, became a partner in the Columbus firm of Tibbals-Crumley-Musson, Architects in 1945. In addition to his private practice Mr. Musson has worked extensively in the fields of education and newspaper writing.

He was assistant professor of architecture at The Ohio State University in 1946-47; conducted architecture courses there in 1957-59; and has lectured on architecture, planning and travel at Stanford University, Otterbein College, Ohio University and Middlebury College, Vermont.

From 1941-52 Mr. Musson was a columnist for the Columbus Citizen now the Citizen-Journal, on architecture and planning. Currently he is writing a feature series for the Citizen-Journal on architecture and travel.

A graduate of OSU with a Bachelor of Architecture, Mr. Musson was awarded first prize in the 1944 NAHB Nationwide Residence Competition.

Robert N. Yoder, President
Cleveland Chapter, AIA

Robert Yoder's professional career both with the firm of Dalton-Dalton Associates and with the Cleveland Chapter of the AIA has been one of continual progress.

Mr. Yoder began his association with Dalton-Dalton Associates in 1946. Until 1950 he served as chief draftsman and was responsible for project design and field supervision from 1950-53. At that time he was promoted to project director for the firm and became a partner in 1959.

Made a corporate member of the Cleveland Chapter in 1951, he has since been active in many committees and offices. He has served on the Executive Committee of the Chapter since 1955 as director, secretary, vice president and president.

Mr. Yoder attended Ohio Wesleyan University and was graduated from the University of Michigan with a Bachelor of Architecture degree in 1944.

James E. Hart, President
Dayton Chapter, AIA

James E. Hart, AIA, served a term as secretary of the Dayton Chapter prior to his recent election to the presidency.

Having been associated with his father, Erskine A. Hart, AIA, for three years, Mr. Hart joined in partnership with him in 1955 under the firm name of Hart and Hart, Architects for the general practice of architecture.

Previous to this association Mr. Hart was employed for one and one-half years in the Headquarters Air Installation Division of Air Material Command at Wright Patterson Air Force Base.

He was graduated from the University of Cincinnati in 1950 with a Bachelor of Science degree in architecture.
Two Fireproof Schools For Akron Children

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

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

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

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

Fairlawn Elementary School. Architects, Tuchman and Canute; engineer, David R. Simpson, Akron.

AKRON-CLEVELAND: Lake Erie Flexicore, Kent, Box 563, Orchard 3-9881
CINCINNATI: Price Brothers Company, 7617 Reading Road, Poplar 1-4291
COLUMBUS: Arrowcrete Corporation, 816 McKinley Avenue, Capital 1-5506
DAYTON: Price Brothers Co., 1932 E. Monument Ave., Baldwin 2-7861
DETROIT: Price Brothers Co., 12451 Newburg Rd., Livonia, Garfield 1-4030

OHIO ARCHITECT
Toledo Opens Second Downtown Pedestrian Mall

On July 11 the City of Toledo officially opened its second experimental downtown pedestrian mall in a three-block section of Adams St. in the central business district. The new mall was approved by the Toledo City Council upon recommendation of that body's Traffic and Off-Street Parking Committee and of last year's Mall Technical Committee. A city appropriation of $18,000 to cover estimated costs was also approved.

Thus, Toledo boasts the distinction of being the only city in the country to operate two experimental malls in as many years, as well as a permanent mall that has been enjoyed by its citizens for many years.

Based on the experience of last year's malls which lasted three and one-half months, several innovations and changes have been introduced this year. These include a Parisian sidewalk effect with art displays to be provided by local art groups; sculptured concrete animals serving both as decorations and play facilities; two pools, deeper than those used last year; wider walks to provide lanes for emergency vehicles; more seats and seating areas; and an abundance of greenery, shrubs, flowers and trees.

Many of the features of last year's malls have been repeated this year, such as decorative pools, planter boxes with flowers, trees, statuary, a children's enclosed play area, painted sidewalks and roadways, newly painted utility poles and colorful patio blocks. Again this year the Mall Technical Committee will meet regularly to pass on changes and innovations. No commercialization is permitted.

This year's malls are in a completely different location from those of last year which were located on two parallel streets in the heart of downtown Toledo, with two blocks on each street. This year's design on three blocks of one street is expected to be more advantageous from the standpoint of moving emergency vehicles and less interference with the normal traffic flow patterns.

Early reaction to the present malls indicates that the public and downtown merchants approve the idea. A number of polls last year indicated that business showed improvement in most cases, and the public likes the idea of downtown streets converted to a park-like atmosphere. Informal polls again this year show enthusiastic acceptance of the new experiment.

No definite time limit has been set on this year's malls, but some members of the Mall Technical Committee have expressed the hope they will be continued until Christmas. No further experimental mall is contemplated. On the basis of the two-year experiment with the temporary malls, officials hope to reach a decision this year on the matter of making the malls a permanent feature of downtown Toledo.

IMAGE, its definition and its look are nearly upon us.

IMAGE shall be what we make it to be. Shall it be beautiful or ugly, or shall it be in the middle with nothing to distinguish it from the run of the mill.

We as Architects create IMAGES for others as well as ourselves to view or to think about. We also create IMAGES of ourselves and of our profession. As creators we are looked upon to possess the skill, knowledge, and know how to form pleasant IMAGES for all to see and review.

Let us not create any one item which shall be looked down upon and which shall be left standing to degrade the profession and the individual creator. All creation must have a fine IMAGE for all to see and be pleased in seeing.

It is up to all of us, Architects as a professional people, to IMAGine what is needed to form the IMAGE which shall be accepted by the public in the manner which we would like. The IMAGE of the profession shall be the responsibility of all members of the profession. The IMAGE which we form shall be decided by the group.

Let us all attend to the work at hand and make the IMAGES which we create be the best that have been created to this time. We must work at the task of forming all IMAGES as we would have others see.

1960 ASO Convention
Dayton, Ohio
Biltmore Hotel
October 19-20-21, 1960
Architect Wins Ohio Amateur Golf Title

Eight years ago Dan virtually gave up competitive golf to become a week-end player. This was after he assumed the principal role in his father's architectural firm.

The perfectly co-ordinated and precision-thinking Carmichael played only eight rounds of golf this summer before entering the Amateur Tournament, where he packed 10 rounds of golf into six days—and won!

Dan's love for flying and his excellence in this activity are legend to those who know him well. A Navy fighter pilot in World War II, he is officially credited with shooting down 15 enemy aircraft. He is still in the Naval Reserve and flies jets from the Reserve Base in Willow Grove, Pa. at least one week end each month. A Reserve pilot once told this writer that when other aircraft are landing because of approaching foul weather, Carmichael is rushing his "blow-torch" into the skies before the weather hits.

In winning the Amateur title Dan was never over par on the tough 7020 yard Zanesville Country Club course. He finished with a seven under par for the 170 holes played.

A Navy fighter pilot in World War II, Carmichael is credited with shooting down 15 enemy aircraft.

Architect Dan Carmichael poses after winning the 1960 Ohio Amateur Golf Championship.

Columbus architect Dan A. Carmichael recently won the coveted Governors trophy, emblematic of the 1960 Ohio Amateur Golf Championship.

"I'm sure better golfers have won it," he said, "but none have been more proud than I."

This statement is typical of the 41-year-old architect, whose athletic prowess has been long established. He played four sports at Columbus Academy and first played in the Ohio Am tournament in 1936. At Princeton he tried to do the same, but was ruled out of football by a knee injury. However, he did star as captain of the basketball team, played baseball and represented the school in the 1940 NCAA golf tournament where he lost out in the quarter-finals.
Ohio Architects
Meet The Press,
Air Their Views

By Charles J. Elia, Business Editor
Columbus Citizen Journal

Editor's Note: The following article is reprinted from the June 22, 1960, edition of the Columbus Citizen Journal newspaper, Columbus.

We had the pleasure Tuesday evening of participating in a panel discussion. It was the first in a series bringing together members of the press and of the professions.

It was an endeavor of the Press Club of Ohio and the device — to judge from its reception at the initial meeting — holds great promise for some bridging of gaps in understanding that exist between professional groups and, ultimately, the public.

This session was with members of the Architects Society of Ohio. On the panel were Columbus Architects Noverre Musson and Richard H. Eiselt; Miss Mary McGarey, of The Dispatch, and ourselves. Art Parks of the Associated Press and president of the Press Club was the moderator.

As we see it, the session was helpful if only in bringing expression to the misconceptions the profession holds of the press and our own about the profession.

The participants — and this included not only the panelists but also the architects and other newsman who attended — made good use of the forum.

The architects, on one hand, brought clarity to the role they play in creating the environment in which we live . . . and, we might add, voiced also their apprehension at the apparent apathy of both press and public to the visual affront of buildings without purpose, without beauty and without idea.

The members of the press, who are preoccupied with reporting and in some cases trying to influence environment, suggested some ways in which the architect's function can be made a more vital part of the public consciousness.

We are of the opinion that there are valid and newsworthy ways in which we can make some contribution.

Broadly speaking, the architect, like many another artist, deals with ideas and imposes his ideas — in the form of a building and the motivation for its precise design — on a larger public.

The press can be an important medium in the expression and explanation of those ideas; the reporter, working with words, can logically be the avenue for relating the architect's purpose to public purpose.

There are meeting places for press and profession and they can be of mutual benefit. If discussions such as this can provoke efforts to find them, they too will have served to enlarge the area of understanding.

AUGUST 1960
School construction dollars must do double—even triple duty these days. Inside and outside the Greenfield Elementary School (Birmingham, Mich.), for example, Belden Semi-Black and Belden Dark Gray Trim Brick provide modern Beauty, time-tested Durability and proven Economy . . . economy that is adequately assured by reduced maintenance expense and the elimination of painting and replacement cost.

Among the more than 200 colors, textures and sizes in which Belden Brick are available, you'll find just what you want to interpret your newest design ideas and meet the demands of school board budgets. There's a Belden Dealer and samples as close as your phone!
Letter From The Editor

It has been my pleasure to run the gamut of a full year as editor of Ohio Architect—the August, 1959, issue being the first published under my editorship.

That this has been a period of learning and growth for me is self-evident. That I have been able to project some of my own thinking and training into the publication to a positive result is certainly my hope.

Any degree of success this year has brought Ohio Architect can be credited to the outstanding co-operation and help I have received from my associate editors—Bill Bogart, Cincinnati; Chuck Rimer, Cleveland; Dick Eiselt, Columbus; Bob Makarius, Dayton; Roger Buz­zard, Eastern Ohio; and Bob Martin, Toledo. Without their hard work the "show" could not go on, and I take this opportunity to say a loud and sincere Thank You. A special thank you goes also to Publication Committee Chairman Howard Cain and Technical Editor David Pierce for their guidance and interest.

M.W.F.

Williams Pivot Sash Co.
Moves to New Quarters

The Williams Pivot Sash Co. of Cleveland is being relocated after 39 years, announced Company President K. A. Domino.

New offices and factory, just recently completed, are located at 22841 Aurora Rd., Bedford Heights.

"Our new quarters will give us better facilities for the manufacture of our product for both wood and aluminum windows," President Domino said.

The company was previously situated at 1827 E. 37th St., Cleveland.

Engineer-Architect Firm
Moves Into New Offices

Samborn, Steketee, Otis and Evans, engineers and architects, have moved into new offices in the Libbey-Owens-Ford Bldg., in downtown Toledo.

The move was made from the Toledo Terminal Railroad building at 1214 Cherry St., where the firm has been located since its founding in 1948 as A. H. Samborn and Associates.

The new quarters will occupy half of the L. O. F. Building's sixth floor and provide two all-purpose conference rooms, departments for engineering and architectural drafting, structural steel detailing, in addition to private offices and a blueprint department.

The firm has 72 employees. Principals are Alfred H. Samborn, Jack N. Steketee, Fred C. Limbert, Erwin J. Otis, Jr., John H. V. Evans, Roger D. Rogers, Nathan J. Schwartz, Carl Thaller and Willard J. Wendt.
Fraternal Twins?

Yes, they look alike, but are DIFFERENT — INSIDE.

Block "A" is Autoelaved, cured by high heat and pressure. A new chemical structure has been created internally for more strength, less shrinkage and volume change, and it is drier.

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New Architects Announced
By State Board of Examiners

The State Board of Examiners of Architects announces that the following passed the examination for Certificate of Qualification to practice the profession of Architecture in the State of Ohio:
Buchanan, C. Robert, 4210 Woodmere Dr., Youngstown 9, Ohio
Bredemeier, Ronald A., 3008 Montana Ave., Cincinnati 11, Ohio
Castronovo, Thomas P., 405 Cornell St., Akron 10, Ohio
Clipson, Addison H., 2915 Maisel Dr., Cincinnati 20, Ohio
Cox, Don L., 3990 Ridgecomb Dr., Cincinnati 11, Ohio
Dorsey, Robert W., 1082 Witt Rd., Cincinnati 30, Ohio
Evans, Merlin K., 162 West Weber Rd., Columbus 2, Ohio
Hahn, Alfred A., Jr., 1619 Canton St., Toledo 2, Ohio
Herzberg, Sonji L., R.D. #1, Bellaire, Ohio
Howe, H. David, Jr., 2849 Van Aken Blvd., Cleveland 20, Ohio
Kehlmeier, Richard H., 1285 Landis Lane, Cincinnati 31, Ohio
Klose, Albert A., 4230 Wilmington Pike, Dayton 40, Ohio
Lewis, Gordon E., 427 College Ave., Fostoria, Ohio
Mitchell, Stanley L., 232 West Orchard-Springs Dr., Dayton 15, Ohio
Mong, H. Bryn., 8827 Charward Rd., Reynoldsburg, Ohio
Rode, John A., Jr., 2277 South Overlook Rd., Cleveland Hts. 6, Ohio
Samson, Daniel I., 1360 Vandemar Rd., Cleveland Hts. 21, Ohio
Sherer, James K., 2110 Ridgeview Rd., Columbus 21, Ohio
Short, Wayne H., 1140 Belrose Rd., Cleveland 24, Ohio
Tanuelwicz, Joseph A., 3623 East 75th St., Cleveland 5, Ohio
Weber, Robert M., 816 Weldon Ave., Columbus 24, Ohio

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contemporary interior furnishings
AIA Building Products Register
Published After 10-Year Study

Building industry editors, leaders and individual subscribers have joined in praising the first edition of the AIA Building Products Register, which recently became available to architects following a 10-year study aimed at solving the problems of publishing a single reference work on which product analysis could be based.

Norman P. Mason, HHFA administrator, labeled the new AIA Register "an impressive volume." John James Carlos, AIA, editor, Architectural & Engineering News, called it "... A significant technical service ... an exceedingly useful professional tool ... a consistent time-saver."

The AIA Building Products Register technically describes and provides comparative performance criteria for more than 1300 building products. It also is the only source of professional digests of 700 standards and specifications as contained in ASTM specifications, Federal specifications and other valid technical sources. In addition to the Register itself subscribers will receive a new-product newsletter and a reporting service aimed at improving product use. Products are listed in 18 major categories.

The Register is available to all AIA members at $25 per copy. It may be obtained by writing to The American Institute of Architects, 1735 New York Ave., N.W., Washington 6, D. C. A descriptive brochure is available without charge.

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Model of Glenwood Elementary School, Toledo, O. Architects: Charles L. Barber and Associates

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7229 ORVETO DRIVE • SYLVANIA, OHIO • PHONE: TURNER 2-6135

TO THE POINT

YOU'LL NEVER MISS A WARRANTY
UNTIL YOUR ROOF BEGINS TO LEAK!

A frequent grievance among the complaints we hear concerns faulty roof installations where the architect or building owner learns to his surprise that his roof is not covered by a performance warranty. A little investigation turned up some interesting reasons why. It seems that many of the newer metal roofing fabricators are involved in strictly local operations. Most of these firms have had no national experience on metal mechanical batten roofing, and are really graduate built-up roofers taking a fling at metal roofing. Problems relating to climatic conditions, expansion and contraction, and leak-proof engineering design are beyond their ken.

Even for many major-sized companies, roof fabrication has been a recent marketing experiment to make use of idle facilities. Few of these larger fabricators will chance a lengthy warranty on this highly specialized fabrication and erection. As far as we know, no metal roof fabricator offers a warranty comparable to Overly's 15-year, leak-proof performance.

More Innovations were made in door styles and finishes in the year of 1959 than any other, but 1960 promises to set new records. More color variations in textured enamel finishes will be used, indicating a trend to bright, complementary colors in non-residential building. New laminated vinyls and hand-grained finishes will add new color and texture to modern office decors. Regardless of how you look at it, the architect will have a larger selection of door styles, colors and finishes in 1960.

Kill "Or Equal" Performance Clauses in specifications, a Chicago architect suggests, by replacing them with specific brand name requirements that are mandatory. He'll find no dissenters in our corner!

Manufacturers of hollow metal products, stainless steel entrances, architectural metal work and church spires.

"To The Point" is published by Overly Manufacturing Company for the express interest of the architectural and building professions. Your comments are welcome and will be discussed in this column. Write: H. W. Wehe, Jr., Executive Vice President, Overly Manufacturing Company, Greensburg, Pa. Other Overly plants at St. Louis, Mo., and Los Angeles, Calif.
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Designing a Stage?

- LOADING INFORMATION FOR STEEL DESIGN
- CIRCUITING LAYOUT FOR STAGE LIGHTING
- SPECIFICATION DRAFT FOR EQUIPMENT

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CLEVELAND 15
Brass and Bronze Ingot Institute Extends Competition Dead Line

The Brass and Bronze Ingot Institute announced this week that it had extended the date line for entries in its Progress '60 Brass and Bronze Casting Competition. The new date line is September 30th.

The annual competition for the best new or projected uses for brass or bronze castings offers $1000 in cash awards. Two series of awards will be made:

— “Progress '60.” First prize of $500 and a suitable trophy for the best new use for a brass or bronze casting; the use of a brass or bronze casting as a substitute for other material in an existing product or part; or for improvement in design or efficiency of brass or bronze casting already in use. Four other prizes also will be awarded in this category.

— “Projection '60.” First prize of $500 and a suitable trophy awarded for ideas that project a new use for brass and bronze castings; suggest use of brass or bronze casting as a substitute for other material in an existing product or part; or describe how an existing brass or bronze casting can be improved in design or efficiency. Four other prizes also will be awarded.

Entry blanks and a folder describing the First Annual Brass and Bronze Casting Progress Awards may be obtained from the Brass and Bronze Casting Institute, 308 Washington St., W., Chicago 6, Ill.

J. M. Seidel Elected Optimist Officer

An Ohio architect and member of the Architects Society of Ohio has been elected a vice president of the world’s fourth largest men’s service organization.

John M. Seidel, of Seidel and Dunn, Columbus, was elected a 1960-61 vice president of Optimist International by the 1500 delegates to the 70,000-member organization’s 42nd annual convention in Grand Rapids, Mich. In this capacity he will supervise Optimist International’s western region, which includes the states of Vermont, New Hampshire, Massachusetts, Indiana, Connecticut, Rhode Island, Ohio, Iowa, Wisconsin, Michigan, Montana, North Dakota, South Dakota, Minnesota and Maine, in addition to the Canadian provinces of Manitoba, Alberta, Quebec, Ontario and Saskatchew-

The curving of Wooster Super-Grit and Safe-Groove Safety Treads is just one of many exacting operations necessary to meet specific requirements of our customers.

The know-how, experience and skill of our veteran craftsmen is the personal factor that stands behind every Wooster tread and threshold, guaranteeing that each step in our manufacturing process receives the care and precision required to produce quality products.

Before his election to the vice presidency Seidel served in 1955-56 as lieutenant governor and in 1957-58 as governor of Optimist District 24.

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Annual Award Goes for Best Ohio Prestressed Structure

Ohio architects and engineers are eligible to compete for an annual award for the outstanding prestressed concrete structure in the state.

The first such award, to be made in November by the Ohio Prestressed Concrete Association, will consist of a framed certificate and a $250 cash prize. Honorable mention awards will be presented to the three top runners-up.

Competition is limited to architects or engineers registered in Ohio, and the structure entered must be located in Ohio. Entries are to be submitted to the Ohio Prestressed Concrete Association, P. O. Box 825, Dayton 1, Ohio, by September 10. An entry will consist of photographs and drawings of the structure along with a description of not more than 500 words.

The structure must be substantially completed by September 1, 1960, but cannot have been completed before January 1, 1958. The structure does not need to be entirely of prestressed concrete, but should uniquely incorporate prestressed concrete in its design.
It takes the Light touch to move merchandise!

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Ohio Concrete Block Association
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