

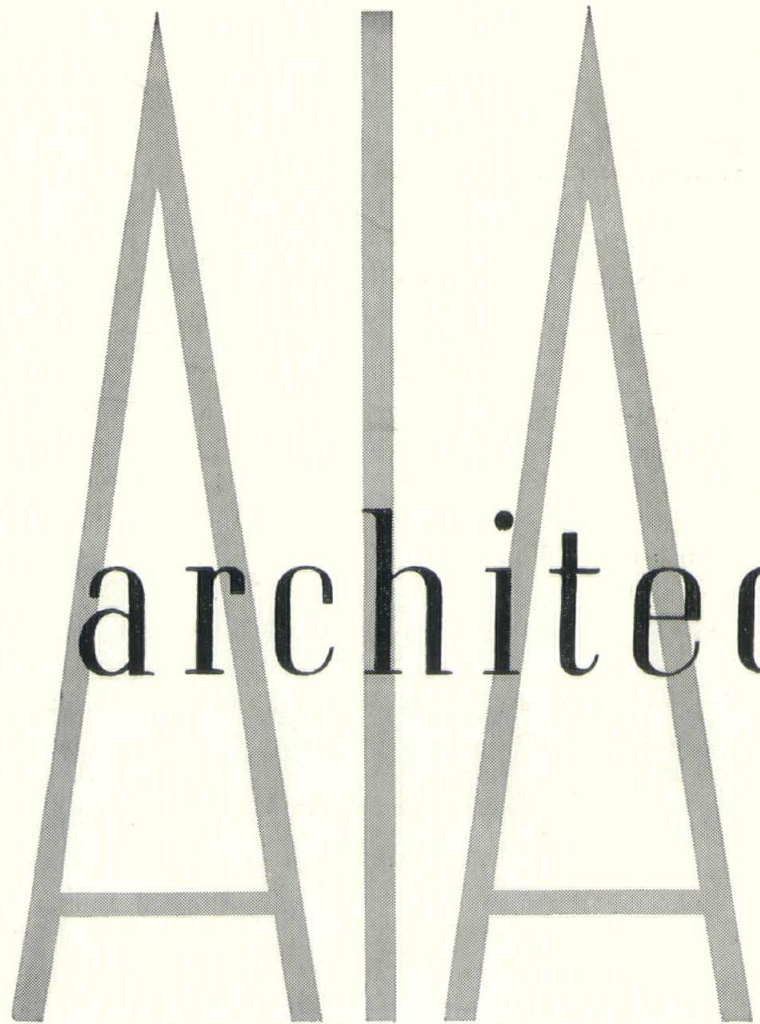


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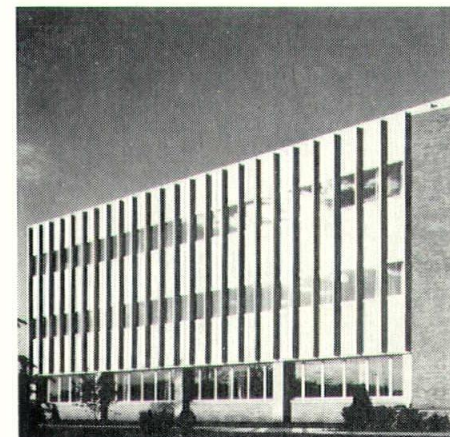
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For West Bend Aluminum Company's new office building, the owners and Grassold-Johnson and Associates, Architects, selected gold anodized extruded aluminum for the spandrels. These spandrels were assembled with RA-60 reversible windows in natural anodized aluminum to form story-height wall units.

The units, fabricated and erected by Flour City, create a curtain wall of both utility and beauty. Reversible windows provide an efficient method of washing glass from the interior, being open for only an instant when reversing the sash. Contributing to the efficiency of the wall are the insulated spandrels whose golden-hued metallic surfaces lend an air of elegance to this important addition to the industrial landscape.



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2131 Fairfield Ave., Fort Wayne

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The opinions expressed in the Indiana Architect written by various members of the Indiana Society of Architects or persons who are not members of the I.S.A. do not necessarily reflect the opinion of the Society unless specifically stated.—The Publication Committee.

Record Number of Applicants Pass 1958 Architects Exam

**Highest Percentage in Board's History
Register As 30 Out of 60 Are Successful**

A record is believed to have been established this year in the number of applicants who successfully passed the 1958 Indiana State Architects Examination.

An even 50 per cent of those who took the exam last June 10, 11, 12, and 13 at John Herron Art Institute in Indianapolis, the highest percentage in the Board of Registration's history, now are proud possessors of a license to practice the profession of architecture in the state of Indiana.

The examinations were taken by 60 applicants, with 30 passing. Of the 30 who now are eligible for an Indiana Certificate of Registration, 10 reside in Indianapolis. South Bend placed three, while Evansville and Fort Wayne had two each. Two successful applicants were from out of the state; one from Euclid, Ohio, and one from Boulder, Colorado. One member of the distaff side will receive a certificate—Miss Edith Windhorst, of Greenfield.

Miss Pauline Shumack, secretary of the Indiana State Board of Registration for Architects, advises that those who passed the exam need not register until after December 1, 1958, after which they would receive registration cards effective for 1959. Should they register before that date, they would be registered for 1958 but would have to pay the fee again for 1959 after December 1.

Following is the complete list of the 30 applicants now eligible for an Indiana Certificate of Registration:

WILLIAM LOUIS BEAMAN
6641 Brookhaven Drive
Indianapolis, Indiana

JAMES PAUL SUTTON
1716 Southeast Blvd.
Evansville, Indiana

ROBERT LOUIS MCINTYRE
R. R. 1, Box 310
New Augusta, Indiana

KENNETH DUANE COLE
R. R. 1, Box 221
New Haven, Indiana

MISS EDITH WINDHORST
R. R. 1, Box 108
Greenfield, Indiana

NORMAN HENDRICKS JEFFRIES
6041 E. 25th Street
Indianapolis, Indiana

CHARLES KELLER PRICE, JR.
836 Manchester Drive
South Bend, Indiana

JOSEPH JAMES MCGUIRE
3747 N. Oxford
Indianapolis, Indiana

HAROLD JEROME FAIR
c/o Martindale & Dahlgren
2131 Fairfield Avenue
Fort Wayne, Indiana

JOHN ROBERT BRANSTRATOR
6000 Plainview Drive
Evansville, Indiana

FRANCIS WILLIAM PATTEE
1244 Sunnymede Avenue
South Bend, Indiana

CHARLES OTTO RIVERS
3319 Donald Avenue
Indianapolis, Indiana

HARRY ROLL McLAUGHLIN
R. R. 2, Box 410-A
Carmel, Indiana

WILLIAM PENN BRIGGS, III
930 N. Chauncey
West Lafayette, Indiana

MERLIN ROY KIRCHOFF
1339 Broadway Street
Vincennes, Indiana

JOHN WALTER CARMACK
R. R. 2, Box 409
Carmel, Indiana

RICHARD ANTHONY VAN AUKEN
274 Natel Drive
Euclid 23, Ohio

JOSEPH DURWARD TRUE, JR.
4231 N. College Avenue
Indianapolis, Indiana

ROBERT ARTHUR MERANDA
5501 E. 38th Street
Indianapolis, Indiana

DOUGLAS ROBERT CRIST, JR.
7223 E. Peasant Run Pkway.
Indianapolis 19, Indiana

COURTENAY PAUL MACOMBER
R. 2
Zionsville, Indiana

THOMAS JOSEPH WEIGEL
24 Beech Grove Avenue
Batesville, Indiana

MERVIN R. FREELAND
8820 Pendleton Pike
Indianapolis 26, Indiana

ROBERT EDWARD EHRGOTT
R. R. 1
Carmel Indiana

EDWARD JOSEPH MALO
54380 N. 31st Street
South Bend 15, Indiana

LEWIS GALE ABELS
3091 6th Street
Boulder, Colorado

GERALD ARNOLD HUBER
2000 South Boeke Road
Evansville 13, Indiana

DAVID LEE ARCHBOLD
129 Corwin Lane
Fort Wayne, Indiana

RICHARD CLEMENTS ZIMMER
6106 Central Avenue
Indianapolis, Indiana

KENNETH SHIMER WOOD
c/o 20 N. Ewing Street
Indianapolis, Indiana

WAL Announces Plans, Invites New Members

The Women's Architectural League of Indiana is looking forward to a busy season, carrying out plans formulated at a recent WAL Board of Directors meeting called recently by the League's president, Mrs. Richard E. Bishop.

The League has planned its program by arranging its meetings so as not to interfere with meetings held by the Indiana Society of Architects, or the Indianapolis Section of the ISA.

Following is the League's tentative program (members will be notified of definite dates and details shortly):

November—Visit to Herron Art Museum.
January—Educational Program — Colored Glass Window.

February—Annual Valentine Card Party.
March—Educational Program — Fabrics.
May—Annual Spring Tea.

June—Annual State Meeting with I.S.A.

The wife of any member of the Indiana Society of Architects, whether Corporate, Associate, or Junior Associate, is eligible for membership in the Women's Architectural League, and is cordially invited to join. They may do so by contacting Mrs. Bishop, or any other member of the League.

A.I.A. Members May Nominate Candidates for National Awards

Any corporate member or group of members of AIA may now nominate candidates for AIA awards, according to a resolution adopted by the Board at its pre-convention meeting. This applies to the Fine Arts, Allied Professions, Craftsmanship, and Industrial Arts medals as well as the Citation of an Organization and the Citation of Honor.

All nominations, accompanied with the usual presentation of supporting material must be in the hands of the Awards and Scholarship Committee in care of The Octagon not later than December 31.

New Pamphlet Available To Attract Young Architects

The American Institute of Architects has published a new pamphlet designed to attract young people into the profession. Entitled "Designing a Better Tomorrow—Your Career as an Architect," the 16-page, illustrated booklet should be useful in high school career programs and before PTA and youth groups.

There is no charge for this publication, but it is requested that copies be ordered only as actually needed from A. I. A. headquarters in the Octagon.

1958-59 I.S.A. Committees Named by President Betts

Additional committee appointments for the Indiana Society of Architects for 1958-59 have been announced by President Charles J. Betts, and include the following. Several committees are yet to be named, however, but will be announced shortly, according to Betts.

Standing Committees:

- (A) Membership: Don Clark, Chairman, Ralph Robert Knapp, T. Richard Shoff, Herman Terzino and Roy F. Andrews.
- (B) Practice of Architecture: Howard White, Chairman, Raymond Dahlgren, Kenneth B. Curtiss, Douglas F. Haley and Robert Eby.
- (C) Relations with Construction Industry: John Fleck, Chairman, Harry Humbrecht, Thomas Dorste, William E. Davis, Arthur Broecker and Harry Cooler, Jr.
- (D) Public Relations and Publicity: John Fleck, Chairman, Harry Humbrecht, Thomas Dorste, William E. Davis, Arthur Broecker and Harry Cooler, Jr.
- (E) Education and Registration: Howard White, Chairman, Raymond Dahlgren, Kenneth B. Curtiss, Douglas F. Haley and Robert Eby.
- (F) Civic Planning: Paul Frank Jernegan, Chairman, Patrick J. Weishapl, Robert L. Ritz, George Caleb Wright, Lloyd V. Moser, James McCarron, William G. Rammel, James M. Turner, Edward D. Pierre, Edwin C. Berendes, Arthur B. Henning.
- (G) Program: Arthur Burns, Chairman.

Special Committees:

- (A) Preservation of Historical Buildings: Edward D. James, Chairman, H. Roll McLaughlin, Assistant Chairman, Roger Frey, Robert G. Campbell, Juliet Peddle, and William Peat.
- (B) Honor Awards and Exhibits: Thomas Dorste, Chairman, Harry Hunter, Roger Frey and John Sosenheimer.
- (C) Indiana Architect: Henry Meier and Raymond Ogle, Co-chairmen, Robert Kennedy, Charles Pye, Herman Blomberg. Reporters: Robert Kain, Robert Applegate, Bob Gloyeske, Juliet Peddle, Paul G. Tanck, Tony Panzica and William Zimmerman.
- (D) Schools: Al Vrydagh, Chairman, Joe Hulfeld, Ernest Schaible, Jr.
- (E) Hospitals: Ernst L. Schaible, Jr., Chairman.

(F) Chapter Affairs: Unfilled.

(G) Legislative Action: John Fleck, Chairman, Harry Humbrecht, Thomas Dorste, William E. Davis, Arthur Broecker and Harry Cooler.

(H) Liaison with Society of Professional Engineers: James M. Turner, Chairman, Thomas Medland, Frank Mon-

tana, Morris Tarrants, and Richard Lennox.

(I) Sesquicentennial: Edward D. Pierre.

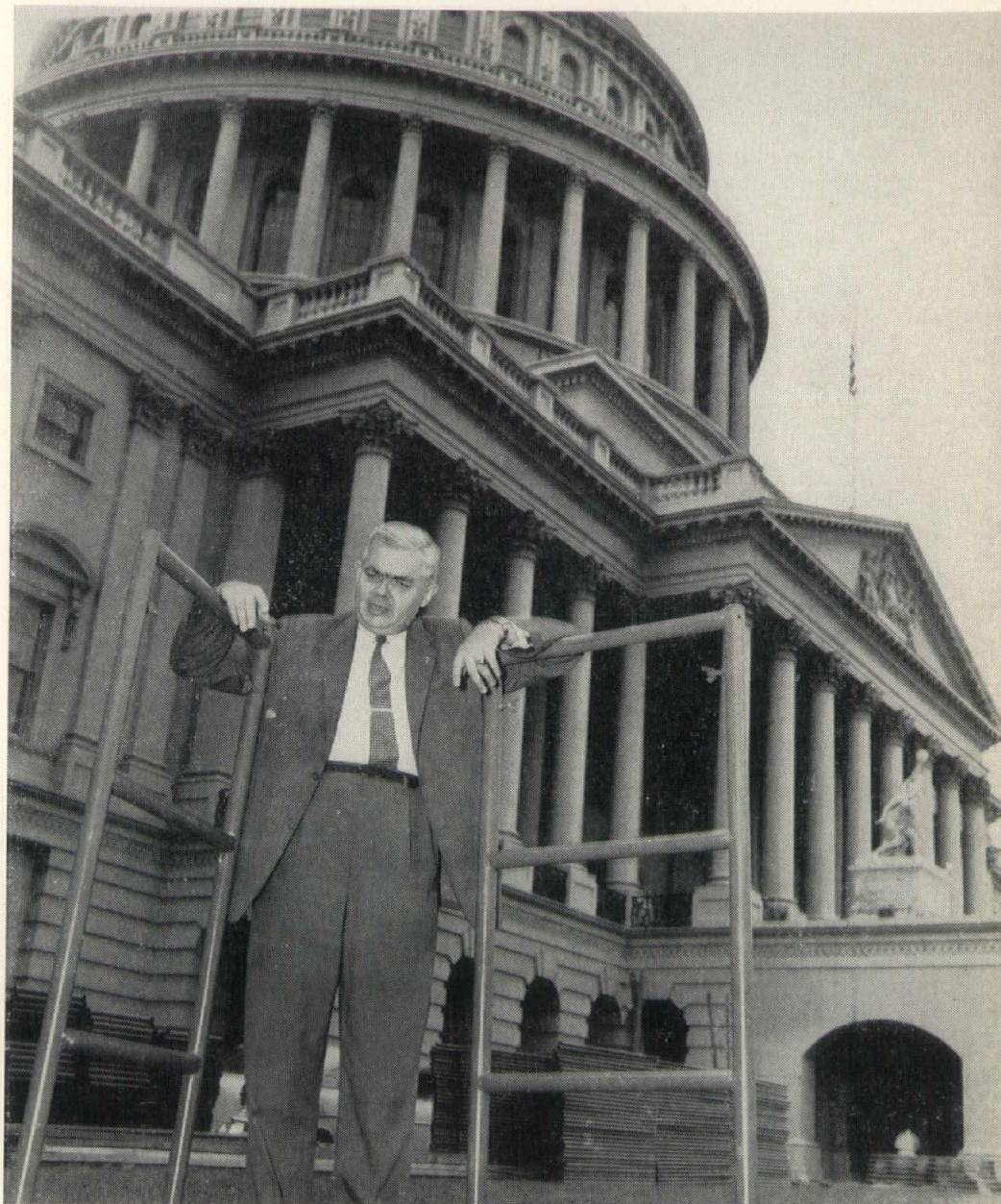
(J) N.C.A.R.B.: Warren Miller.

(K) Fellowships: Edward D. James, Chairman, Ralph Yeager, Jr., Fran Schroeder, Thomas Dorste, and Ed. Pierre.

(L) Administrative Building Council: Ralph Yeager, Jr., Arthur Wupper and Lot Green.

(M) Nominating: Unfilled.

(N) Housing the Aged: Ewing Miller, Chairman, Gerald Brubaker and Fran Schroeder.



Congressman Charles B. Brownson, from Indiana's 11th District, sends the above photo to the Indiana Architect with the following note: "This is the end of the fight. On the first working day after Congress adjourned, trucks pulled up in front of the Capitol with the scaffolding which will hide the East Front as the renovation we fought so bitterly takes place. I hope I look as gloomy in this photo as I feel. All that money down the drain, a desecration of a National Shrine, a tribute to the tyrannical power of a Speaker."

Indiana Architects Entertained by Limestone Institute at Fall Meet

Approximately 40 Indiana architects, their wives, and members of the state's stone industry combined business and pleasure at last month's annual Fall Meeting of the Indiana Society of Architects in Bloomington.

The first day of the two-day gathering the group were guests of the Indiana Limestone Institute, which entertained and conducted educational tours to points of interest in and around Bloomington. Escorting the group on a tour of the limestone mill and quarry district was Lee Donaldson, managing director of the Indiana Limestone Institute; George Reed, of Bloomington Limestone Co.; and Charles Woolery and Jack Rogers, of the Woolery Stone Co.

Also present, besides the architects and their wives, were: John Edgeworth Sr. and John Edgeworth Jr., of Victor-Oolitic Stone Co.; Fred Barrett, of Matthews Stone Co.; Reid Beard, of Indiana Limestone Co.; Ben Quackenbush, of Fagan Stone Co.; Robert Ingalls Jr. and Francis Weir, of Ingalls Stone Co., and Carl Stapleton, of Empire Stone Co.

Other first-day activities included attendance at the Indiana University Little Theater presentation of "Janus," and an exhibit of Venezuelan architecture at Indiana University's Fine Arts Dept.

The second day was devoted to the I.S.A.'s general membership meeting, a luncheon, and the I.S.A. executive board meeting.

A welcome guest was Mr. Bergman Letzler, A.I.A. Great Lakes Regional Director, from the Kentucky chapter.

New Architectural Film Available to State Chapters

TIME, Inc. and Architectural Forum have made the new documentary film "The New Age of Architecture" available free of charge to A.I.A. chapters and state societies for showings at meetings and conventions.

The new, revised version of this 16-mm sound film runs about 44 minutes. It features such architects as Frank Lloyd Wright, Mies van der Rohe, Edward Stone, Wallace Harrison and Eero Saarinen, in addition to other prominent personalities in the building industry. Contact the A.I.A. Library, Washington, D. C., for bookings.

The Indiana Architect is always interested in publishing the best work of state architects. If any Indiana registered architect wishes his work published, he should send an 8 by 10 black and white glossy print, either a photo of the work or a rendering. It should be accompanied with descriptive matter such as location, function, time of completion, estimated cost, area, materials used, etc. All data should be name stamped and dated. The magazine reserves the right to accept or reject any material submitted.

U. S. Capitol Remodelling Passed by Senate, 47 to 32

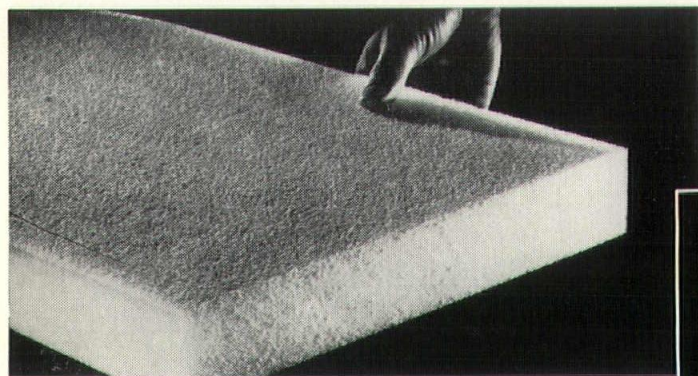
Although the American Institute of Architects, as well as the Indiana Society of Architects, took a stand against remodeling the East Front of the U. S. Capitol, Congress has officially voted to proceed with the alterations.

The scaffolding is up, and the East Front of the U. S. Capitol will be reconstructed in marble 32½ feet forward to provide additional office and restaurant space. The job, according to the Architect of the Capitol, J. George Stewart, is going "full speed ahead." Contracts for the marble and carving are being let. The new exterior is scheduled to be completed September 1, 1960. This will allow plenty of time to erect the stands for the inauguration of the 35th President.

The controversial extension work was begun within hours after the U. S. Senate defeated a bill introduced by Senator Smith of New Jersey and others. That bill would have removed the requirement that extensions and alteration of the central portion of the Capitol be in accord with Scheme B of the architectural plan of March 3, 1905. The vote, following a heated debate in which an impressive, bipartisan array of Senators defended the A.I.A. position, was 32 to 47.

In the spirit of fair play, both President Richards and Executive Director Purves, in personal letters, congratulated the primary victor, House Speaker Sam Rayburn, on the outcome.

Abe Martin, the Brown County sage, once said: "Fun is like life insurance; th' older ya get, the more it costs."



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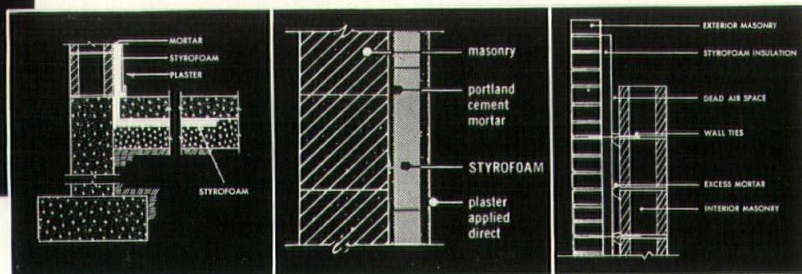
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Industry Survives Recession; Set for All-Time Records

The construction industry has not only recovered from the recession, but is well on its way to setting new all-time records in 1958, according to an official of F. W. Dodge Corporation, construction news and marketing specialists.

Dodge vice president and economist George Cline Smith said that construction contracts in the latest three months reported were the highest in history, and all indications are that the August figures, to be released shortly, will show continued strength.

Dr. Smith said that the next decade will see at least \$800 billion poured into the construction industry, with more than half a trillion dollars going into new construction and another quarter of a trillion spent on maintenance and repair work.

"Remarkable as it may seem," Dr. Smith said, "we still have sizable backlogs of demand due to the construction deficits piled up during 16 years of depression and war. These are evidenced in substandard housing units, inadequate highways, obsolete or overcrowded schools—and to mention a couple of extremes, under-capacity in both our churches and our jails.

"Because construction is by far the largest fabricating industry in the nation, the importance of this outlook to business in general can hardly be overstated. The rapid recovery of construction in the past few months has been a big factor in pulling us out of the recession, and the prospect of future prosperity is greatly enhanced by construction activity which will be coming along in even greater volume."

Regarding the short-run outlook, Dr. Smith said he thought new construction activity

in 1959 would be well above the 1958 level—and that 1958, despite the recession, may well set a new record.

"The housing outlook for next year is excellent," he said, "with just one cloud on the horizon—inflation and tight money. If interest rates go up sharply, either through demand or through tight money policies of the government, the F.H.A. and V.A. programs may be hampered by their fixed, and relatively low interest rates. One simple remedy, of course, would be to make these rates more competitive in the money markets.

"Demand pressure for housing is still strong, and it will become stronger as the bumper baby crops of the war years begin to reach maturity in the near future. I would expect that regardless of money conditions, the trend of housing will be sharply upward in the next decade, so that by 1968 we should be able to sustain a rate of close to a million and a half new units a year. We might hit that figure sooner, and in fact, we have already come close to it; but I am talking about a sustainable average annual rate, rather than a one-year fluke."

Dr. Smith said that the only weak sectors of construction at the moment are industrial and commercial buildings, and that prospects for improvement are beginning to show in even these two categories.

The President Speaks . . .

By **CHARLES J. BETTS**, President
Indiana Society of Architects, A.I.A.

The membership of the Indiana Society of Architects is composed of 75% of the registered architects residing in the State. Thus, we represent the architects of the State in all matters pertaining to the profession. This



MR. BETTS

includes relations with the construction industry, support of legislative action pertaining to the health and safety of the people of Indiana, support of civic programs, such as the Indiana Sesquicentennial and the Adult Education Conference at Purdue, cooperation with government planning agencies for better planning of our cities and communities, cooperation with the governor's commission on the Aging and the Aged in studying housing needs for its aged, and many other activities.

The Architect's Registration Law is for the benefit of the people of the State of Indiana and assures them that their buildings are designed and constructed in accordance with all public health and safety laws. Let us, as architects, remember this and that the law is not for the benefit of the architect. We have a tremendous responsibility to our clients and to the public as a whole, and let us discharge these responsibilities to the best of our professional abilities.

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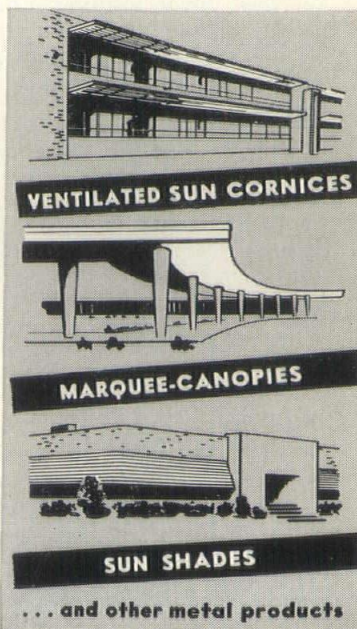


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'Unification' is Prime Factor In Understanding Architecture

By DON B. PERRY

By effecting and maintaining unity within an architectural complex . . . whether it be urban space or a series of rooms on a suburban lot, the architect lends understanding to people. An occupant who senses his architectural environs as an entity may easily relate himself to the whole as he carries on his activity in some one segment. To comprehend one's surroundings is to become their equal. One feels insecure in a foreign city because its complexity and disunity hinders understanding. By the same token one feels more at ease in a friend's living room after the five-cent tour of the premises.

To desire understanding is common to all people. And, as in anything, given a general understanding of architectural space the occupant will be more sensitive to his immediate surroundings.

The massing, materials and detailing of these surroundings may be the Architect's response to the human demand for stimulation and entertainment—the art in architecture. But for his responses to succeed the architect must first achieve unity which fosters understanding. The occupant must realize himself enclosed in a space for human activity.

To illustrate, some existing urban spaces may be used. Indianapolis' Monument Circle has a periphery wall of many different types of architecture. The central Soldiers' and Sailors' Monument has its own character but so does Gothic Christ Church, sterile Penny's quadrant and garish Circle Theatre. With all of its variation the Circle is recognized as a single space. Thus it becomes an entity, in this case synonymous with unity. The Monument itself unifies the space because it is an object common to all views.

The Buildings are stacked closely together here, in scale with the pedestrian. To the motorist passing through, all character is lost by the diminished fourth dimension of time. Thus, the Monument Circle is a space unified to all, pleasant only to the pedestrian.

St. Marks Piazza and Piazzetta is a multiple space making overall unity more difficult to achieve. Much of the architecture which wall the two spaces has a common height, material and detail. There are other elements which are individual in character; such as the Doges' Palace, Blue Clock Tower, the Campanile and St. Marks itself. Yet these nonconforming masses do not injure the unity of the spaces. The palace merely enriches the Piazzetta while Blue Clock Tower is its focal point. But the Piazza wall hides the clock tower to focus on St. Marks. The Campanile visually divides the two areas and at the same time it is the element which most strongly ties them together as it is a part of each.

Thus, St. Marks Piazza and Piazzetta are unified by some common massing and detailing but primarily by a visual enclosure of space. The two individual areas are held together by the campanile, common to all vistas.

Fort Wayne's Concordia College is a campus of necessarily many spaces and therefore has a most complex problem of effecting a feeling of unity. The campus first appears extremely unified with the chapel and the vertical compliment common to all spaces. Each space is sufficiently contained to attain individual unity. Common character is apparently infinite inside and out, from building to building and from space to space. So uninterrupted is this character that no space is more significant than another. This produces much the same feeling that one senses upon entering an amusement park with all of its flamboyance. All is so equally stimulating that a choice of itinerary is frustrating.

A person attends an amusement park to subject his senses to a series of light and equally stimulating experiences. But an architectural complex must lead one to choose some sequence of spaces through which he may pass. And the sequence must present to him some spaces and surprises more important than others. Thus Concordia's constant visual repetition makes it a series of spaces and not a unified complex.

Architectural unity within a complex of buildings or a room is first achieved with an enclosure of space. Common massing, materials and detailing may enhance, or negate, this achievement depending upon the degree of conformity.

Further, a group of such spaces, in a city or in a house, needs to be varied in significance. Common elements make it possible for one to relate oneself to the whole from any space.

Architecture in any scale, well conceived regarding the spaces created by its elements, will come to be unified, even if the future brings addition or change of elements of a character not now conceived.

For Architecture to be unified to the occupant is for it to be understood.

Recommended Reading . . .

SCHOOL NEEDS IN THE DECADE AHEAD. By Roger A. Freeman. Published by The Institute for Social Science Research, 917 15 St., Washington 5, D.C. 273 pp. 6" x 9". Illus. \$5.

PUBLIC AUTHORITY HOUSING. By A. W. Cleeve Barr, A.R.I.B.A. Published by B. T. Batsford Ltd., 4 Fritzhardinge St., Portman Square, London, W.1, England. 287 pp. 7½" x 10". Illus. About \$15.

COMPOSITE CONSTRUCTION IN STEEL AND CONCRETE FOR BRIDGES AND BUILDINGS. By Ivan M. Viest, R. S. Fountain, and R. C. Singleton. Published by McGraw Hill Book Co., New York, N. Y. 176 pp. Illus. \$7.50.

SPACE — MATERIALS — COLOR (Raum—Werkstoff—Farbe). By H. M. Witzemann. Deva-Fachverlag, Stuttgart & Wittenborn & Co., New York, N. Y. 136 pp. 8½" x 9". Illus. \$10.50.

ALUMINUM IN MODERN ARCHITECTURE. Volume 111, 1958 Edition. Edited by John Peter. Published by Reynolds Metals Co., Louisville, Ky. 118 pp. 9" x 9".

CREATIVE GARDENS. By James C. Rose. Published by Reinhold Publishing Corp., 430 Park Ave., New York 22, N. Y. 208pp. 10" x 13". Illus. \$10.

BUILDING FOR RESEARCH. By the Editors of Architectural Record. Published by F. W. Dodge Corp., 119 West 40th St., New York, N. Y. 224 pp. 9" x 11¼". Illus. \$9.50.

PRE-STRESSED CONCRETE. Theory and Design. By R. H. Evans and E. W. Bennett. Published by John Wiley & Sons, Inc., 440 Fourth Ave., New York. 294 pp. Illus. \$10.

SCHOOLHOUSE. Produced by Aluminum Co. of America, Eggers & Higgins, and Walter McQuade. Published by Simon & Schuster, 630 Fifth Ave., New York, N. Y. 271 pp. 8¾" x 10¾". Illus. \$10.00.

GUIDE TO WESTERN ARCHITECTURE. By John Gloag. Published by The MacMillan Co., 60 Fifth Ave., New York 11, N. Y. 394 pp. 7¼" x 9½". Illus. \$12.50.

THE LIVING MUSEUM. By Samuel Cauman. Published by New York University Press, Washington Square, New York 3, N. Y. 209 pp. 10" x 7". Illus. \$10.00.

(Continued on Page 12)

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Architectural Fees Explained

What does an architect's service cost? Unfortunately, the majority of those not directly concerned with the profession have not the slightest notion. With the hope of enlightening this majority, and in an effort to arrive at a standard schedule of fees, the Indiana Society of Architects presents the following schedule:

(This schedule of recommended minimum fees is intended as a guide in arriving at an equitable fee, and it should be considered as a guide only. It is recognized that each job bears individual analysis. The suggested fees apply to Percentage and Lump Sum Fees for complete services, including architectural, structural and mechanical drawings, specifications, supervision, and essential contract documents.)

COST	A	B	C	D	E
\$ 75,000 or less	5.00%	6.00%	7.00%	*8.00%	9.00%
250,000	4.75	6.00	6.75		8.75
500,000	4.50	6.00	6.50		8.50
750,000	4.25	6.00	6.25		8.25
2,500,000	3.50	5.00	5.50		7.50
5,000,000 and over	3.00	4.50	5.00		7.00

*—For conventional small residences, the recommended minimum fee rate is 8%. For more complex or larger residences, where special interior design and detail are required, the fee rate increases relative to the work involved.

For alterations and additions, add 2% to the basic rate for Types A and B; and 3% to the basic rate for Types C, D and E.

The above fees anticipate the letting of contracts under the usual major divisions of the

TYPES OF STRUCTURES

Type A: Structures of simplest utilitarian character: Warehouses, repetitive manufacturing, etc.

Type B: Less simple structure: Manufacturing, garages, commercial with repetitive units, large housing projects, single apartment buildings, shops, office buildings, school buildings, etc.

Type C: Hotels, theaters, hospitals, college buildings, banks, institutional and public buildings, etc.

Type D: The Individual House.

Type E: Structures of highly individual character: Memorials, churches, interiors, etc.

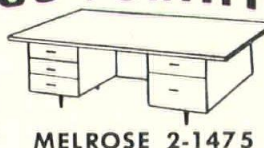
work: General Construction, Plumbing, Heating and Ventilating, and Electrical. Should the various sub-divisions of construction be let under separate contracts, the above basic fees should be increased by 25%.

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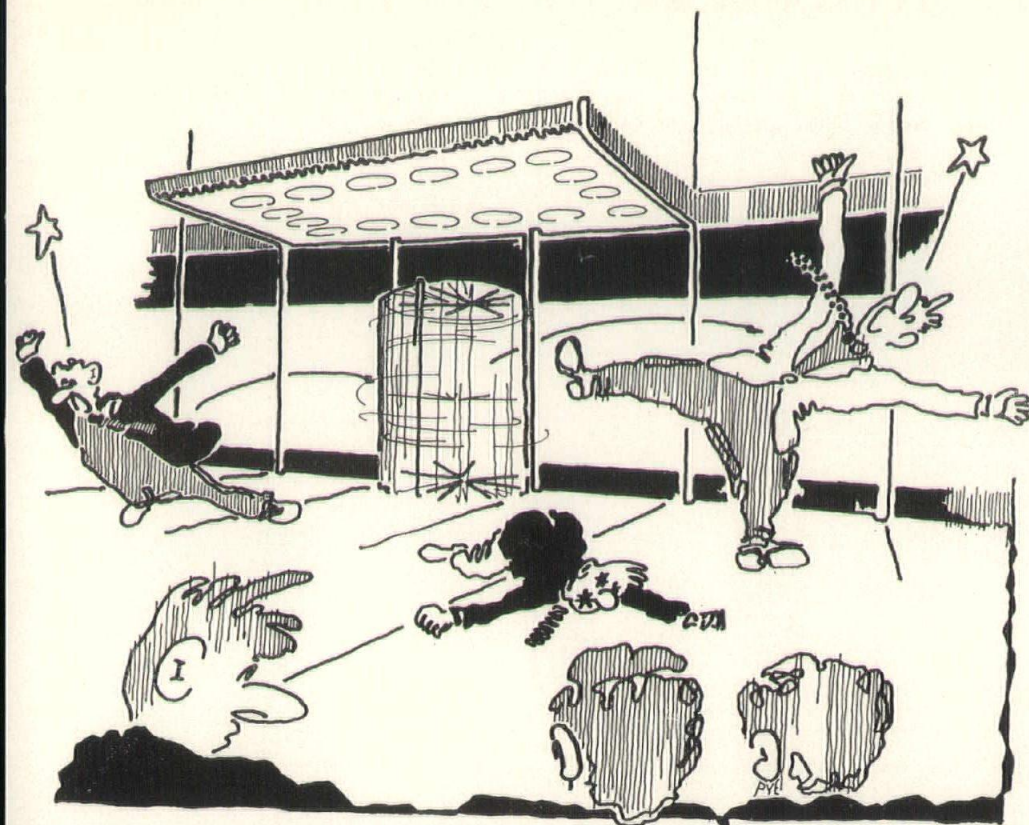
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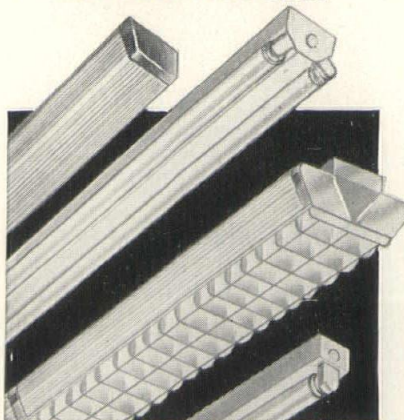
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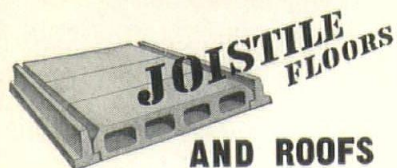
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RECOMMENDED READING

(Continued from Page 8)

PROCEEDINGS: WORLD CONFERENCE ON PRESTRESSED CONCRETE. Published by the World Conference on Prestressed Concrete, Inc., Room 216, 417 Market St., San Francisco, Calif. 275 pp. Illus. \$10.

ESTIMATING GENERAL CONSTRUCTION COSTS. Second Edition. By Louis Dallavia. Published by F. W. Dodge Corp., 119 W. 40th St., New York, N. Y. 197 pp. 6¼" x 9¼". \$8.50.

THE ENGLISH CATHEDRAL THROUGH THE CENTURIES. By G. H. Cook. Published by The Macmillan Co., 60 Fifth Ave., New York 11, N. Y. 384 pp. 5¼" x 9¼". Illus. \$9.

MODERN SCHOOL SHOP PLANNING. Revised Edition. Published by Prakken Publications, 330 Thompson St., Ann Arbor, Mich. Spiral bound. 184 pp. 8½" x 11". Illus. \$3.85.

ELECTRIC HEATING AND COOLING FACT BOOK. Published by Electrical Information Publications, Inc., 2132 Fordem Ave., Madison 1, Wis. 36 pp. Illus. 50c.

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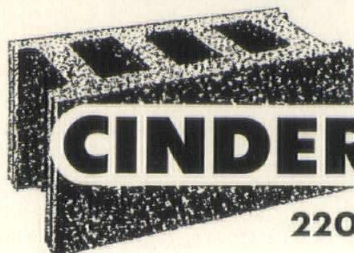
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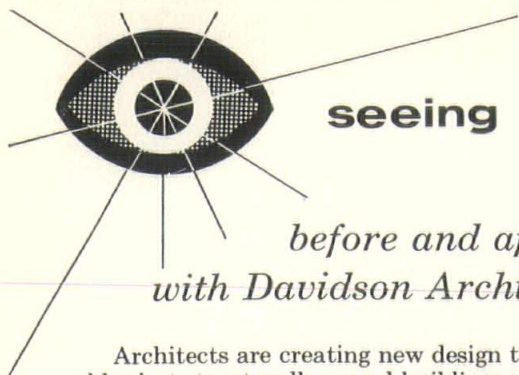


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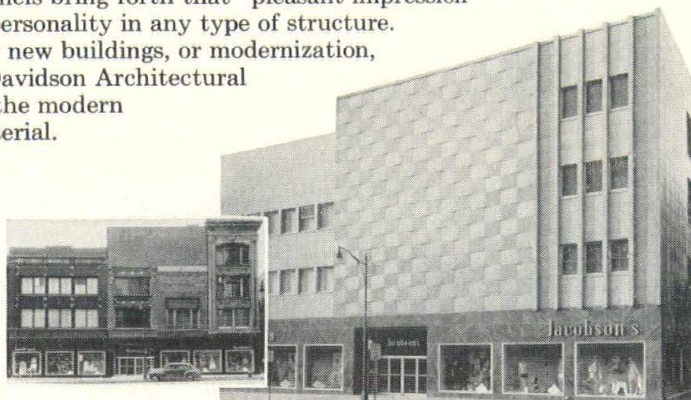
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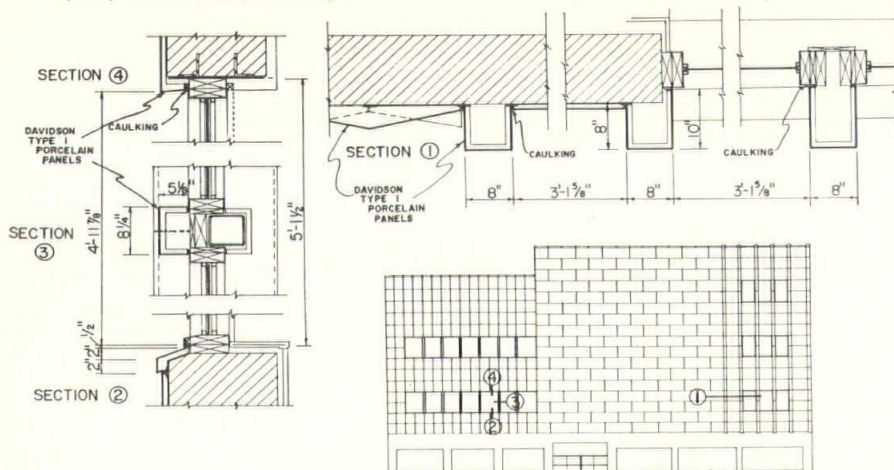
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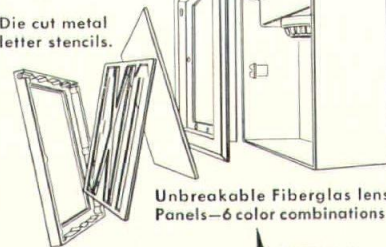
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Pictured above are two examples of early Indiana construction visited recently by Indianapolis architect Edward D. James, who, as Preservation Officer of the Indiana Society of Architects, headed a team of fellow architects at work on a survey for the current nation-wide program for the Library of Congress. Top photo is the Rappite Community House No. 2 built of hand-made brick in 1816. Bottom photo is the Rappite Community House No. 2 built of logs and later covered with weatherboard. Both structures are in New Harmony, Indiana. Assisting Mr. James on the project are Norman R. Jeffries, Joseph Portish, Roger Frey, Ray Casati, H. Roll McLaughlin, John Carmack, and Stephen James.

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I.S.A. Calendar of Coming Events

DATE	TYPE OF MEETING	LOCATION
October 22-24	Architects Society of Ohio, Annual Convention	Cincinnati
Friday, Nov. 7	Executive Board	Fort Wayne
Friday, Dec. 5	Executive Board	Indianapolis
Friday, Jan. 9	Executive Board	Indianapolis
Friday, Feb. 13	Executive Board	Indianapolis
Friday, March 6	Executive Board	Indianapolis
Friday and Saturday, April 10 and 11	General Meeting and Executive Board	South Bend
April 24 and 25	Great Lakes Regional Meeting	Ann Arbor
Friday, May 1	Executive Board	Indianapolis
Friday and Saturday, June 12 and 13	Annual Meeting and Honor Awards Exhibit	Indianapolis
June 22 through 26	A.I.A. Convention	New Orleans, La.

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J & L Steel Distributes Amweld Doors and Frames

The appointment of the Holliday Steel Warehouse, Jones & Laughlin Steel Warehouse Division, as a major distributor of the complete line of Amweld hollow metal doors and frames has been announced by Amweld Building Products, a division of The American Welding & Mfg. Company, Niles, Ohio.

Holliday Steel Warehouse, whose staff of representatives cover the central Indiana area, has for many years been known as one of the leading suppliers of Concrete reinforcements, gratings, paving products, contractor's supplies, vapor barriers and allied products. By adding the Amweld Line of doors and frames, company officials feel, they now offer a well-coordinated consulting service to architects and contractors plus a more diversified line of materials for large or small construction jobs.

The Amweld Line includes heavy-duty Commercial doors and frames for all types of institutional buildings as well as both 1½" and 1¾" residential types and labeled fire doors for light construction projects. Steel closet units of modern design in both sliding and folding types also are included in the Amweld Line.

A large stock of the most commonly used types and sizes of doors and frames is maintained in the Holliday warehouse. "To eliminate the headaches and delays usually associated with metal frames, shipments of stock items can be made within 24 hours after order is received," a spokesman said.

Partnership Dissolved at American Metal Products

American Metal Products Co., Indianapolis building supply firm, has announced that the partnership of Richard C. Clark and Oran E. Gatchell, co-owners of the firm, has been dissolved. Mr. Gatchell purchased Mr. Clark's interest, and will operate the company on an individual basis. The office and sales personnel will remain unchanged, and no further changes are contemplated, according to Mr. Gatchell.

American Metal Products Co. has its main office at 422-24 E. 23rd St., Indianapolis, and handles such products as steel and aluminum windows, metal doors and frames, metal partitions, and steel joists.

You wouldn't worry about what people think of you if you could know how seldom they do.—Olin Miller.

Design Detail Service Available to Architects

Architects have been invited to send their aluminum railing problems to Blumcraft of Pittsburgh for study. Where it is necessary to adapt a stair railing installation to special conditions, the architect may forward his preliminary drawings or a sketch of the railing problem to Blumcraft, and sectional drawings to the Architect's scale will be prepared and forwarded by Blumcraft to the architect, for easy tracing.

Blumcraft does not build railings complete, but supplies their components to all ornamental metal fabricators. The railings are built in the plants of the local metal fabricators. As Blumcraft materials are available to all ornamental metal fabricators, competitive bidding to the general contractors is available on all public and private projects.

Two price lines of Blumcraft aluminum railings are available to architects. Low cost tube-line is suggested for service stairs and where budget is a limiting factor. The Blumcraft DeLuxe line is suggested for featured locations. Low-cost tube-line compares favorably in price with aluminum pipe railing because of the minimum shop labor required to fabricate low-cost tube-line railings.

The Blumcraft DeLuxe line is less costly than a quality custom-built railing because Blumcraft adjustable stock components eliminate many shop and field problems in fabrication and installation.

Blumcraft of Pittsburgh was recently honored by receiving a merit award for their catalogue by the Producers Council of America at the National Convention of American Institute of Architects in Cleveland.

The complete Blumcraft catalogue is available to architects by addressing your inquiry to Blumcraft of Pittsburgh, 460 Melwood Street, Pittsburgh 13, Pa.

Color Guide Available For 'Monarch Wall'

For those interested in the use of Davidson Monarch Wall (architectural porcelain panels) a new folder featuring 26 actual colors is available. These new architectural porcelain panels are being used extensively as an exterior facing material as well as for curtain wall construction. Monarch Wall panels are also available and are being used for interior facing.

For your free copy of "Monarch Wall Color Guide Folder" write Davidson Enamel Products, Inc., subsidiary of Fenestra, Inc., 1123 East Kibby Street, Lima, Ohio.

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More than a century of building materials "know-how" and distribution stands behind area architects, builders, contractors, purchasing agents, and dealers when they specify, buy or sell clay pipe and related clay products manufactured by the Robinson Clay Products Co. of Akron, Ohio.

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to Robinson Clay's position of leadership and its long record of quality and service since the Company was founded in 1856—over 100 years ago.

Robinson Clay's Indianapolis branch typifies that progress. It has grown steadily in the territory it serves because those associated with the construction field in the area have learned to rely on Robinson Clay's broad experience.

Founded in 1938, it is Robinson Clay's "youngest" branch, with a remarkable sales record made during its brief history, when compared with other Robinson outlets, many of which date from the turn of the century.

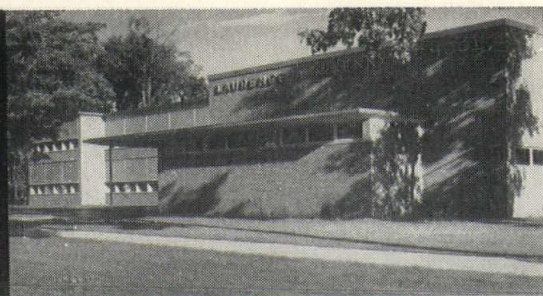
Branch operations are headed by Michael A. DeBone, Jr., resident manager, who succeeded the late Vern C. Clevenger recently. DeBone, a five year veteran with Robinson Clay, formerly was associated with the Albany, N. Y., Branch. He handles sales in the city of Indianapolis and Marion County.

Sales staff includes Jerry Mitchell, handling vitrified products in Central and Northern Indiana, and Keith Williamson, who makes pottery, china and glass sales throughout the State. Office assignments are handled by Mrs. Janece Mitchell, bookkeeper, and Mrs. Miriam Legg, billing clerk. Yard and warehouse operations are headed by Leon Dodd, foreman, and yardmen Chester Duval and George Wilson.

The continued growth and expansion of the Indianapolis Branch is further tribute to the farsighted leadership that has made Robinson Clay's far-flung operations a primary source of building materials supply and technical assistance, in every area where its branches are located.

Robinson Clay operates and maintains 10 modern plants in Ohio and Pennsylvania, and has sales offices and branches, located in 14 major cities in the eastern United States and in Toronto, Ontario, Canada.

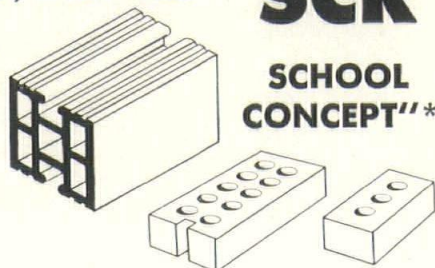
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Lathing and Plastering Bureau Sets Annual Competition

The Lathing and Plastering Bureau of Indianapolis has announced a competition for its first annual Gold Trowel Award, with a closing date for entries set at midnight, November 30.

The award, accompanied by a cash prize of \$300, will be made to the person who has made the "best use of genuine lath and plaster in design," according to Bruce H. Morford, the bureau's business manager.

The contest is open to architects, designers, draftsmen, and engineers whose home office is in Marion County. Only structures where plastering has been completed between December 1, 1957 and November 30, 1958, will be eligible. The job must be located in Marion County, and both new and remodeling work is eligible.

A section of the official entry form includes space where the entrant must tell, in 50 words or less, "why lath and plaster were chosen for this job."

Runnersup will receive 2nd and 3rd place trophies, and all winners will be notified by special delivery letters on or about January 15.

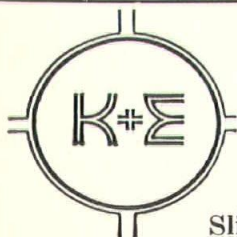
Architectural Technician Sought by Chicago Firm

The Chicago office of Latham, Tyler, Jensen Design is seeking a man to act as architectural technician in the development, market research, testing, and application of an electrical radiant heating device and other architectural products.

The man should have an architectural or architectural-engineering degree and three to five years experience in residential design and construction either with an architectural office, contractor, or developer.

Anyone interested should write Robert D. Tyler, A. I. A., Latham, Tyler, Jensen Design, 153 East Huron, Chicago, Ill.

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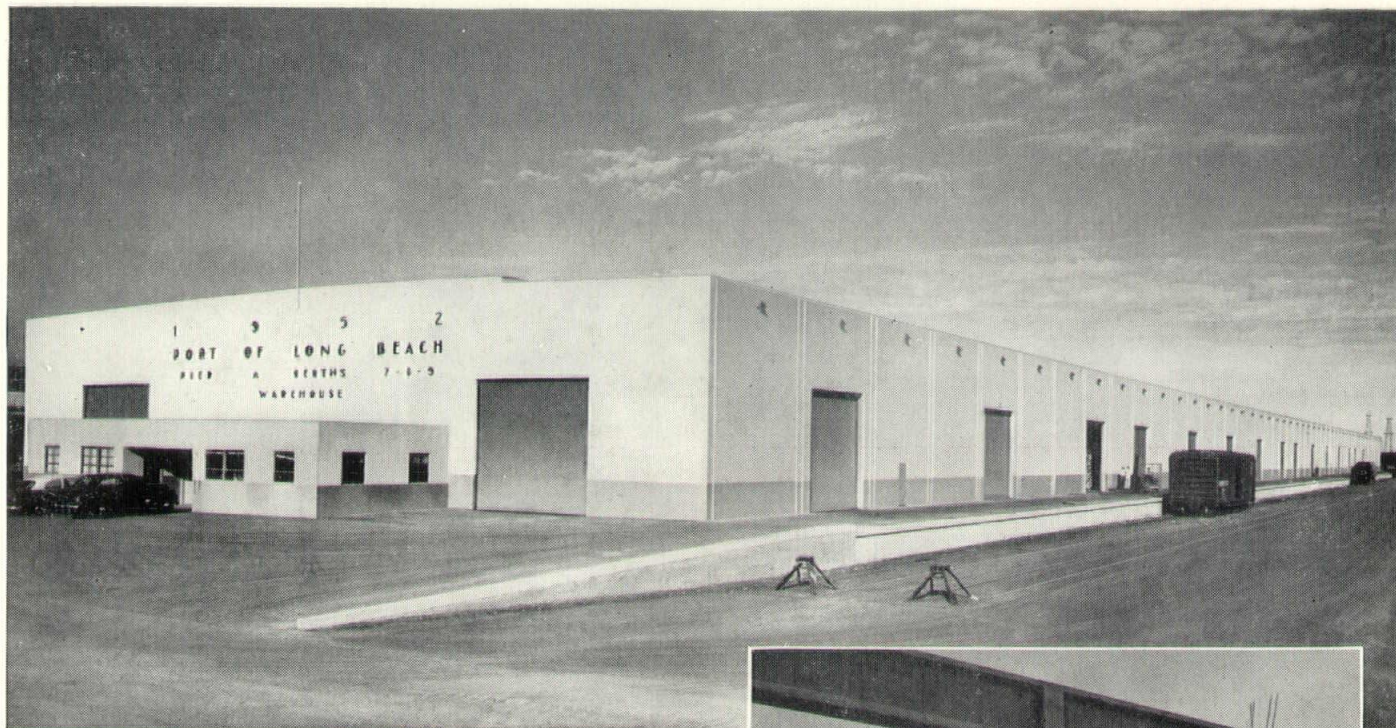
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Precast and Prestressed Concrete Reduce Construction Costs

The above photo shows the "Cotton Warehouse" owned by the Port of Long Beach, Calif. It is 150 ft. wide and 1200 ft. long and has precast concrete walls, frame and roof and precast, prestressed concrete roof girders that span 75 ft. from the outside walls to a single row of interior columns down the center of the building.

This structure is an example of the savings that result from the use of precast and prestressed concrete construction. A substantial reduction in construction time resulted from (1) starting the precasting operations at the same time that the foundation work was begun, (2) re-using the formwork frequently and (3) casting the structural units horizontally at a convenient height for the workmen. This plan allowed the workers to repeat the same operations many times. Better craftsmanship and higher quality concrete were the result.

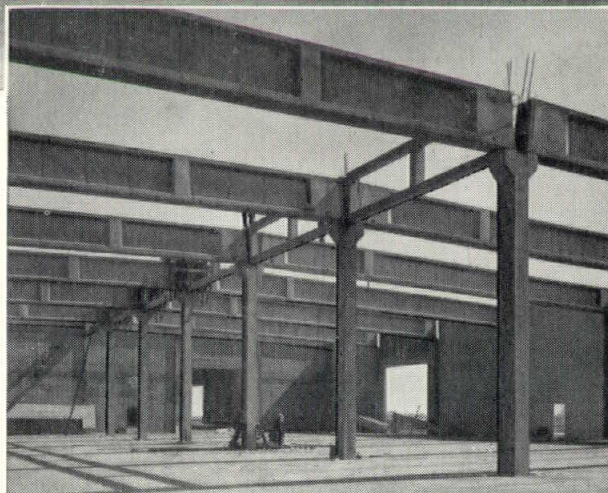
Structures using precast and prestressed concrete units have all the advantages of conventional concrete construction. They can be designed and built to conform with all applicable building codes—anywhere. And they meet all structural requirements of great strength and durability, resistance to severe weathering, long life and **low-annual-cost** service. In addition, they can be built to withstand violent lateral forces caused by earthquakes, hurricanes or atomic blasts.

For additional information about precast or prestressed concrete construction write for free illustrated literature. It is distributed only in the United States and Canada.

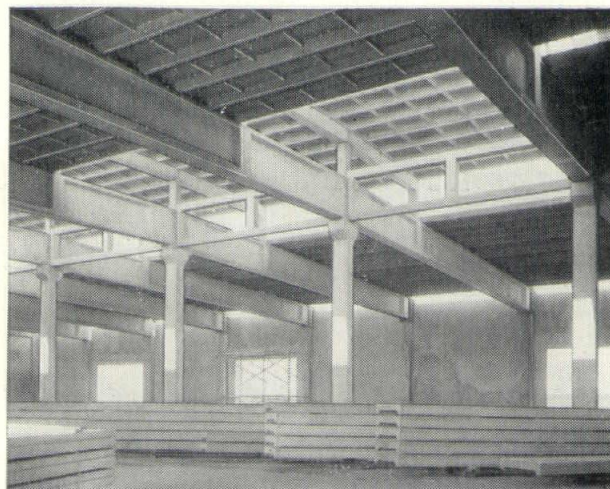
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Top photo: general view of warehouse at Long Beach, Calif. Exterior longitudinal walls are precast concrete panels 30-ft. high, 23-ft. wide and 6 in. to 8 in. thick. Photo above shows 56 in. deep, I-shaped girders supported on cast-in-place wall columns and precast interior columns. Span of the precast girders is 75 ft.



Roof constructed of precast concrete channel slabs resting on prestressed girders and precast monitor frames. Warehouse designed by the office of the late J. H. Davies, consulting structural engineer. Structural engineer was James R. Bole of Long Beach, Calif. Contractor was Johnson-Western Constructors of San Pedro, Calif.

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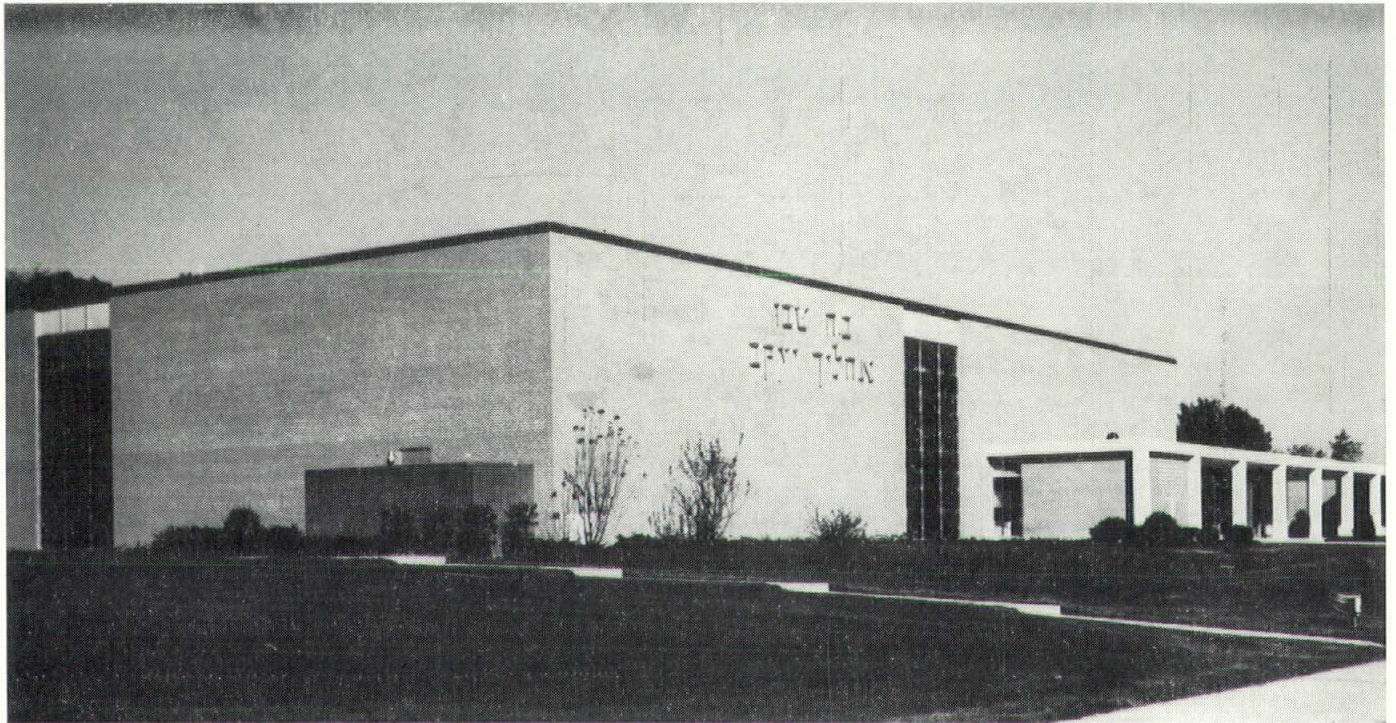
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Edmund R. Purves, FAIA
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Form 3547 Requested

For Outstanding Masonry Design



EL ZEDECK TEMPLE

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