BULLETIN

nichigan society of architects

march 1965

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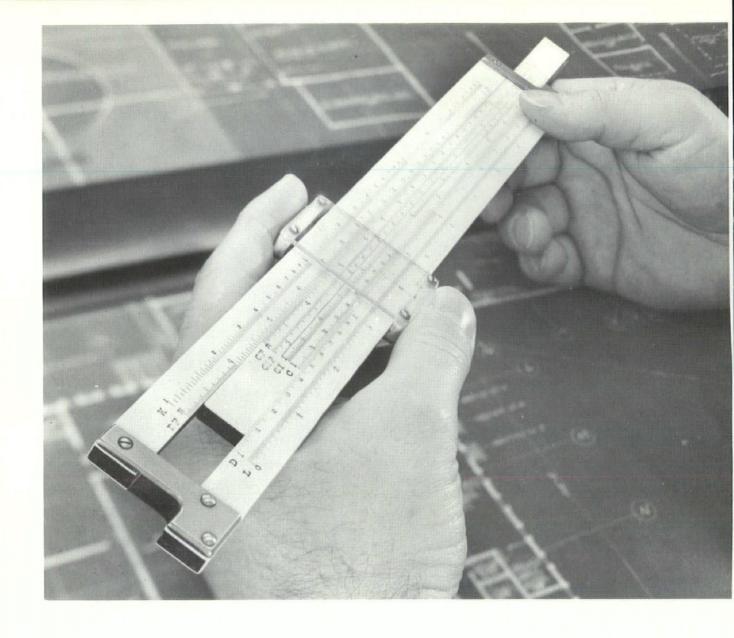
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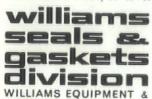
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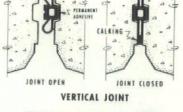
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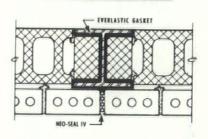
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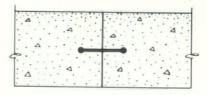


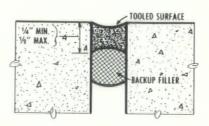
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THE MONTHLY BULLETIN IS PUBLISHED FOR THE MICHIGAN SOCIETY OF ARCHITECTS TO ADVANCE THE PROFESSION OF ARCHITECTURE IN THE STATE OF MICHIGAN.

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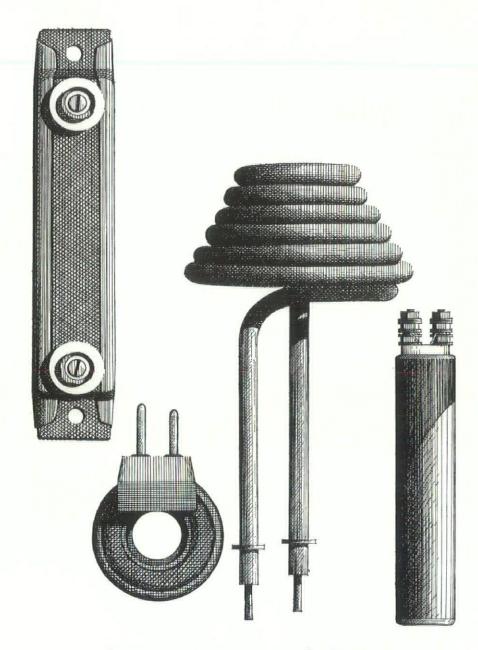
Monthly Bulletin, Michigan Society of Architects, the official publication of the Society; all Michigan Chapters of the American Institute of Architects; Women's Architectural League of Detroit (WALD); Producers Council, Inc., Michigan Chapter; Builders & Traders Exchanges of Detroit, Grand Rapids and Lansing is published monthly by the Michigan Architectural Foundation; Editorial and Advertising Offices—28 West Adams, Detroit 26, Michigan, Phone: 965-4100.

Volume 40-No. 3

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Abstract design developed from a European street scene.

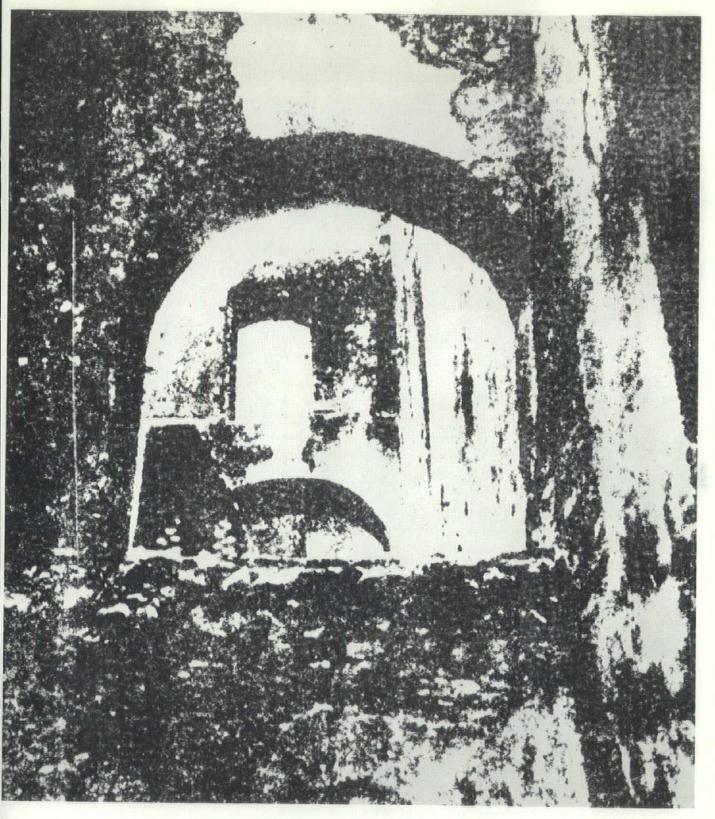
Industrial heating problems come in all shapes and sizes



So do electric solutions

These metal sheath electric heaters have special shapes because they do special jobs. For example: let's say you have to bend a stainless steel part. As you know, you can cold-form it-and take it on the chin in die wear. Or, you can heat the die (with that cartridge heater on the right) and hot-form the part-fasterwith less die wear. That's where we come in.

A Detroit Edison industrial heating specialist can choose from hundreds of electric metal sheath heaters to find the one that suits your needs. And, when he shows you the one that's best for your job, he'll also tell you that electric heaters are economical, safe, clean, compact and (of course) flameless. Got a tough process heating problem? See your Edison man. **EDISON**



Michigan Society of Architects
51st Annual Convention

March 17-18-19, 1965 Statler-Hilton Detroit

WEDNESDAY MARCH 17

12:00 noon

Parlor E-MSA Board Meeting

4:00 PM

Registration Desk and Exhibits Open

8:30 PM

Grand Ballroom-MSA Carnival

Sponsor-Great Lakes Fabricators & Erectors Association-

I. Gardiner Martin, Executive Secretary.

Refreshments and entertainment

Eddie Santini's Orchestra; Karrell Fox, m.c., comedy magic; Bob Downey and his "Feathered Friends" and Eddie San-

tini and the "Barons of Dixie Revue."

THURSDAY MARCH 18

9:00 AM

Registration and Exhibits Open

9:30-11:30 AM

Michigan Room-Annual Business Meeting

10:15 AM

Buses leave for Ladies Tour of Oakland University

12:30 PM

Bagley Room-Men's Luncheon Keynote address by Oswald H. Thorson, Secretary, A.I.A. 3:00 PM

Tour of Fine Arts Gallery-J. L. Hudson Co., featuring selections from the 1964 Pittsburgh International Exhibit, Discussion by Albert Landry, gallery director.

6:30 PM

Oak Foyer, Michigan Room & English Room-Producers' Council Reception.

7:30 PM

Cafe Rouge-Annual Awards Dinner

FRIDAY MARCH 19

9:00 AM

Registration and Exhibits Open

9:30-11:30 AM

Ivory Room-Design Seminar-Panel: Arthur Q. Davis, FAIA; John M. Johansen, AIA; George F. Pierce, Jr., FAIA, Ralph Rapson, AIA; moderator: M. Elliott Carroll, AIA-Open to Registered Corporate, Associate and Student Members only.

10:30 AM

L'adies tour of Wayne State University Campus

12:00 noon

Ladies Luncheon and Program-MacGregor Memorial Center, W.S.U.

12:30 PM

Men's Luncheon-Exhibit Area-Mezzanine Floor

2:30-4:30 PM

Ivory Room-Design Seminar-Open to Registered Corporate, Associate and Student Members only.

7:00 PM

Michigan Room, English Room and Oak Foyer-Reception

8:00 PM

Wayne Room, Bagley Room and Grand Ballroom-Building Industry Dinner Dance.

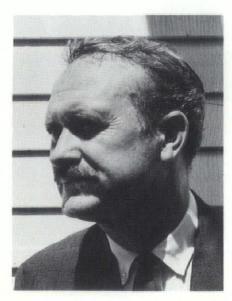
Oswald H. Thorson, AIA-Secretary of the American Institute of Architects. Partner-Thorson & Brom, Architects, Waterloo, Iowa. Educated at Forest City High School; Waldorf Junior College, Forest City and U. of Minnesota. B. of Arch. from U. of Minnesota in 1937. Employed in his father's office until 1942. Served in the U.S. Army, with OSRD Division 2 and the Joint Target Group at the Pentagon. Established partnership with his father in 1945, was President of the Iowa Chapter, A.I.A., 1953-54; Director, Central States Region, A.I.A., 1960-63 and has been a member of the Iowa Board of Architectural Examiners since 1957.





Arthur Q. Davis, FAIA Partner-Curtis & Davis, Architects, New Orleans and New York. B.Sc. degree-Tulane, 1941; B. Arch-Tulane, 1942; M. Arch.-Harvard, 1946. Has served on Jury of Fellows, A.I.A. Honor Awards and Committee on Aesthetics, numerous regional Honor Awards juries. Visiting critic and participant in design seminars at Yale, Harvard, U. of Florida, Tulane, V.P.I., U. of So. Calif. Current projects include Berlin Medical Center, West Germany; U.S. Embassy, Saigon, Viet Nam and Ponchartrain Hotel, Detroit.

Ralph Rapson, AIA-Professor and Head, School of Architecture, U. of Minnesota. Attended Alma College, Alma, Michigan, 1933-35; B. Arch. U. of Mich., 1938; Graduate study-Cranbrook Academy of Art, 1938-40. Designer in Detroit and Chicago offices, 1940-42. Practicing architect and Head, Department of Architecture, Institute of Design, Chicago, 1942-46. Practicing architect and Associate Professor, M.I.T., 1946-54 (on leave with State Dept. 51-53). At U. of Minn. since 1954. Has served on numerous juries for competitions and honor awards; as lecturer and critic at several universities. Winner of more than twenty awards in national, regional and magazine competitions.



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REGISTRATION	Member \$10.00* @ \$10.00 \$
	Wife No Charge
	Guest \$10.00* @ \$10.00 \$
	Student \$ 2.00* @ \$ 2.00 \$
	* Member's and guest's fee includes lunch on Friday and tickets for two drinks at the bar in the Exhibit Area; student's fee includes lunch on Friday.
WEDNESDAY	Ground Breaker Free to Registrants
THURSDAY	Ladies' Tour \$ 1.50 @ \$1.50 \$
	Ladies' Luncheon—Dutch Treat
	Men's Luncheon \$ 4.00 @ \$4.00 \$
	Annual Awards Dinner \$ 6.00 @ 6.00 \$
FRIDAY	Men's Luncheon Included in Registration Fee
	Ladies' Luncheon, MacGregor Memorial, WSU . \$ 3.50 @ \$3.50 \$
	Building Industry Dinner Dance—Separate reservation forms will be mailed
TOTAL	
	panying registrants will be required to have tickets to these events. Registrants taking vance registration offer may pick up their badges and tickets at the registration desk day, March 17.
	No Cancellations will be accepted after Monday, March 15.
	NO TICKETS WILL BE MAILED
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WIFE'S NAME	
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ENCLOSED IS THE C	HECK IN THE AMOUNT OF \$
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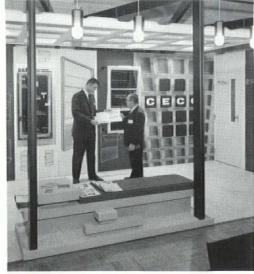


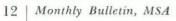


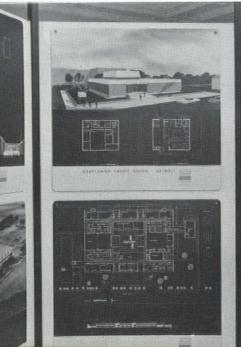
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Photographs taken during MSA's Golden Anniversary Convention—1964

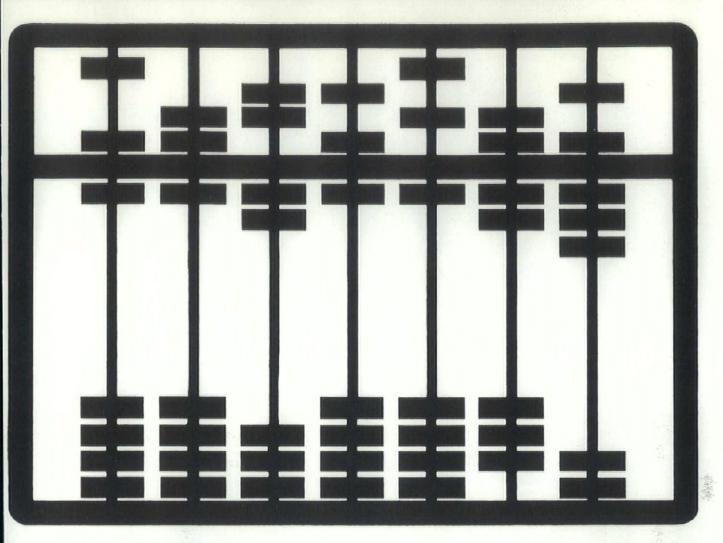












When is \$50

less money

... When the \$50.00 is the cost of 1,000 brick and the \$5.00 is the cost of a square foot of some other building material installed in the wall. . . . Confusing? Of course it is, and that's the reason it's time for a change in the way brick and tile costs are figured.

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Exposed aggregate provides concrete gate, architects, today, choose concrete made with white portland cement. It is surfaces of unusual beauty and variety. true colors and textures of the aggrealso an excellent tinting base for mineral To emphasize the gleaming freshness, coloring pigments. Reveal of precast concrete panels is of pedestrian traffic, greater reveal is When panels are to be viewed relatively close, less reveal is needed. When panels largely determined by aggregate size. are some distance from the main flow required for a rough textured look.

distance due to the high reflectance of Polished panels of pastel colors tend to appear white when viewed from a the surface.

onstrates the unlimited range of colors Shown at right is a table which dempossible with commercial aggregates and white cement.

Write for additional free information (U.S. and Canada only.)

VISIBILITY SCALE

aggregate size	distance at which texture is visible
1/4"—1/2"	
1/2"-1"	30- 75 feet
1"-2"	75—125 feet
2"	10K 17K fact



First National Bank, San Angelo, Texas. Architects: Abel B. Pierce and George Pierce, A.I.A., Architect & Planning Consultants, Houston. Structural Engineer: Walter P. Moore, Houston. Contractor: Templeton & Cannon, San Angelo

1/1	ABL	E OF COM	TABLE OF COMMON COMMERCIAL AGGREGATES	ERCIAL AGG	REGATES
GLASS* CERAMIC	ARTIFICIAL	SIZE '/4"—1'/2" '/4"—1'/2"	USES stained glass, walls, panels curtain wall panels, ornamental	SOURCE** Mich., N.J., Texas brilliant of unlimited Ark., Ariz., Mich. any color	COLOR RA s brilliant and unlimited ran any color
SAND		fine to coarse	plain or sculp- tured panels	all areas	white-buff-yo
PEBBLES	\$1	1/4"-6"	tilt-up walls, panels, walkways	west & southeast	white-red-or buff-black
MARBLE	A B B B	1/2"-2"	curtain wall panels	all areas	white-red-bu
GRANITE	4IM	3/4"-21/2"	tilt-up walls,	midwest & west	red-gray-bu

white-red-orange-

white-red-buff-

red-gray-buffyellow-black

panels, walkways

curtain wall panels

1/2"-2"

QUARTZ

white-buff-yellow

brilliant and almost

unlimited ranges

COLOR RANGE

Reactivity: some glasses may react with alkalis in the cement to cause expansion. Consult glass manufacturer to determine if glass is reactive.

*List of manufacturers available.

white-pink-gray-clear dark blue-black

east, west, south

& midwest

SAND BLASTED

NEWS

Dow Speaks to Flint Chapter

Flint Area Chapter, A.I.A. members with their wives and guests met for dinner at the DeWaters Art Center of Flint, February 4, 1965. Later in the evening, they joined members of the Flint Institute of Arts for a lecture by Alden B. Dow, F.A.I.A. of Midland. Mr. Dow also showed colored slides and motion pictures of his home and other Architectural works. His lecture was the climax of a four week exhibition of his work at the DeWaters Art Center in Flint.

According to Alden B. Dow, typical shopping center architecture, like junkpile sculpture, is "a reflection of us," and "we all ought to start yelling about

it, talking about it."

"You can't blame the architect, you can't blame the owner" of the supermarket or discount store for shopping center architecture, Dow said in the interview.

"If you asked," he said, "you would be likely to find the architect doesn't like it, the owner doesn't like it and probably most people in general don't like it.

"It is not a question of economy," that shopping center buildings are designed the way they commonly are, Dow asserted. But until businessmen stop "tearing down trees and creating those wildernesses of automobiles," and until people "start developing an interest" in the subject, "you're in trouble," he said.

It's a matter of artistic health, he implied. He explained: "There's a tremendous subject matter in the meaning of freedom in the arts that has not been explored. And this meaning is also the meaning of healthiness. Freedom implies healthiness."

Michigan Structural Conference

The Michigan Structural Conference will be held on Saturday, March 20, 1965, at the McGregor Memorial Conference Center on the campus of Wayne State University in Detroit. The program is planned to cover recent advances in the theory of stress analysis, design methods, and construction procedures in the field of structural engineering.

The one day conference is a joint effort by a group of organizations to supplement their individual efforts on providing educational services to the structural engineering profession. The sponsoring organizations are the Southeastern Branch of the American Society of Civil Engineers, the Portland Cement Association, the American Institute of Steel Construction, the Michigan Chapter of the American Concrete Institute, Wayne State University, The Great Lakes Fabricators and Erectors Association and the Soil Mechanics and Foundation Committee of the Southeastern Branch of the American Society of Civil Engineers.

Additional information may be obtained from Victor F. Leabu at Giffels & Rosetti in Detroit.

Panella Appointed to PC **National Committee**

Joe Panella, Architectural Representative for The Dow Chemical Company, was recently appointed a member of the Chapter Committee of National Producers' Council.



Joe Panella

The major area of responsibility on his new assignment will be as Chapter Adviser to the Detroit as well as other Chapters not yet announced. Panella is immediate past president of the Michigan Chapter of Producers' Council. The National Chapter Committee meets three times annually at the National A.I.A. Convention, and at the Presidents' Conference of National Producers' Council.

Architects Selected for Oakland Community College

George Mosher, Chairman of the Board of Trustees of Oakland Community College anounced the selection of Perkins & Will of Chicago and Giffels & Rossetti, Inc., of Detroit as the architect-engineers for a new campus to cost more than \$10 million.

The College will provide transfer courses, technical curricula, as well as

provision for large late afternoon and evening adult programs.

Current plans call for a core of buildings to be opened on the 147acre site (southwest corner of Orchard Lake Road and I-696) in September 1966, for approximately 2,000 students. The complete campus is scheduled for operation in September, 1967 for a total enrollment of 4,500.

Dr. John E. Tirrell, the College President, said that Perkins & Will will be responsible for the master planning and design concept of the campus and Giffels & Rossetti, Inc., will develop all architectural layouts and the civil, structural, mechanical and electrical engineering.

Dr. Tirrell mentioned that Giffels & Rossetti, Inc., has 94 employees residing in Oakland County "so their participation will be one of intense personal interest as well as professional."

Vernon M. Fitch, Treasurer of the Board of Trustees, further stated: "The search for the design team was nationwide and, by selection of two of the country's leading architectural and engineering firms, we are confident that an outstanding campus will evolve."

AKA Announces Pension and Profit Sharing Plans

A Pension Plan and a Profit Sharing Trust Program for all employees of Albert Kahn Associated Architects and Engineers have just been announced

by Sol King, president.

The Pension Plan, with benefits based on salary and years of continuous service, is entirely without cost to the employees and provides not only for normal retirement income but also for health and disability benefits, in each case supplementing Social Security payments.

The Profit Sharing Trust Plan provides for full-vesting of each participant in his share of the Trust without the customarily prescribed waiting period, a distinctive feature which affords immediate participation in the well-being and continued prosperity

of the firm.

These new plans are designed to afford maximum benefits to all of the firm's 300 employees, regardless of position or classification, and are considered the most liberal offered in architectural - engineering practice today. Other, more traditional, benefits enjoyed by AKA employees are: Paid leave for illness, liberal vacations, paid

NATURAL GAS DOES THE BIG JOBS BESTIII

BE MODERN...FOR LESS...WITH GAS

MICHIGAN CONSOLIDATED GAS COMPAN



holidays, a long-standing group life insurance program and a recently adopted major medical program.

The new Pension and Profit Sharing Plans become effective February 28, the end of the firm's fiscal year, and embraces all new employees as well as present employees who were on the firm's payroll December 31 last.

According to Mr. King, "The firm is ever sensitive and alert to changing influences affecting its personnel as well as its professional practice and, in broadening the base of benefits to include all employees, I am convinced the strength of the organization and its capacity and reputation for outstanding service will be enhanced to meet the consistent invitations for service by an ever-expanding clientele."

Gibson Elected V.P.

Julian R. Cowin, president of Harley, Ellington, Cowin and Stirton, Inc., has announced the election of James E. Gibson as a vice-president of the firm effective February 1st. Gibson, who was appointed Director of Architecture for the firm two years ago this month, directs the creative staff and the development of design and planning for the firm's architectural proj-



James E. Gibson

Gibson is a member of the American Institute of Architects, Detroit Chapter and the Michigan Society of Architects. He is a member of the Chapter committees on Civic Design and Historic Preservation.

He joined the firm in 1950 as a designer, was named Assistant to the Director of Architecture in 1954 and a Project Administrator in 1959.

He holds a Bachelor of Architecture Degree from the University of Michigan and a B.S. in Music from the University of Oregon, (1944). Gibson also studied law at the University of Oregon and Duke University. He spent four years in the Infantry in the European Theatre during World War II.

Saginaw Architectural Firm Expands

Wigen, Tincknell & Associates, Inc., Saginaw Architectural Firm, has announced that effective February 8, 1965, Robert J. Thiel will become an associate of the firm and Howard Kumbier will join the firm.

Thiel is a graduate of the School of Architecture of the University of Detroit, and has been employed for the last eight years by several Architectural firms prior to joining the Wigen, Tincknell & Associates, Inc. organization. As an associate, Mr. Thiel will be in charge of all office personnel and will be responsible for all production. Mr. Thiel, who resides at 1413 S. Harrison Street, Saginaw, is married and has no children.

Kumbier has been employed for the past 19 years by Nurmi Builders of Saginaw in the capacity of field superintendent. In his new capacity with the Wigen, Tincknell & Associates, Inc. organization, Mr. Kumbier will be in charge of the supervision of all construction projects. Mr. Kumbier, who resides at 1518 N. Charles Street, Saginaw, is married and has no children.

Wigen, Tincknell & Associates, Inc., which has been practicing Architecture in Saginaw since 1947, is currently engaged in the design of many diversified building projects throughout Michigan, with special emphasis on the design of schools, hospitals and churches.

Breuer Elected to National Institute of Arts & Letters

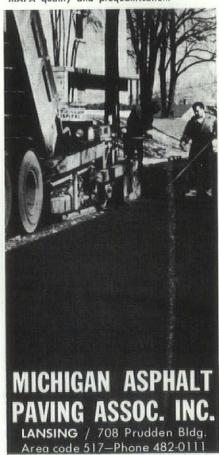
Marcel Breuer, architect, was among the thirteen eminent American writers, artists, and composers elected to membership in the National Institute of Arts and Letters, the nation's highest honor society of the arts, it was announced recently by George F. Keenan, President of the Institute. The newly elected members bring added eclat to this already brilliant assemblage of creative artists. Some are distinguished for their fertile innovations in their respective fields, others for their personal contribution to traditional art forms.

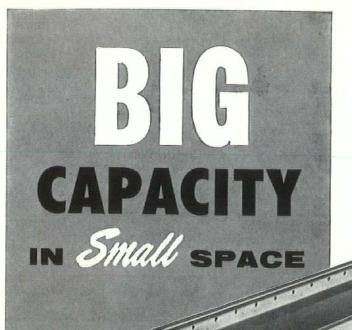
The National Institute of Arts and Letters was founded in 1898 and was incorporated by an Act of Congress in 1913 for the purpose of furthering literature and the fine arts in the United States. Its membership is limited to 250 American citizens qualified by outstanding creative achievement. The recent elections bring the total living membership up to 240.

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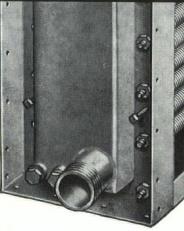
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From: Visual Arts Bulletin Need for Public Criticism of Design Cited at Aspen

Greater public criticism of city planning, architecture, and all other aspects of design is urged by a resolution drafted by the International Design Conference in Aspen, 1964.

The resolution, which was endorsed by a majority of the 650 conferees who attended the 1964 conference and ratified at a subsequent meeting of the board of directors of the organization, calls for the elimination of "physically dangerous, psychologically harassing, and aesthetically offensive" aspects of our designed environment.

The resolution, in its entirety, states: "The freedom afforded by a rapidly evolving, democratic and technological society comprehend freedom from traditional restraints on taste and from conventional checks on quality. Both freedoms are essential to the social and technical flexibility that such a society needs, but both raise acute problems concerning standards of design.

"In city-planning, architecture, the equipment of public spaces, consumer goods both durable and expendable, visual communications and the service industries, we see too many failures of taste or functions that can be traced back either to the failure of professional designers to maintain their own standards, or to the failure of the aesthetics or performance that are their due. We recognize that these situations general public to demand standards of are, in their turn, largely due to failures of criticism, within the professions of design, on the one hand, and in the organs of mass opinion, on the other. Under the present conditions of our society, in its increasing complexity and intensity, we recognize that such failures of criticism can no longer be tolerated, and that a lively, informed and influential body of criticism is essential if we are to eliminate the physically dangerous, psychologically harassing and aesthetically offensive from our designed environment.

"With this in mind, we, the IDCA board and the conferees at the International Design Conference in Aspen, 1964, put forward the following resolutions:

"Firstly - a lively interchange of well-informed critical opinion is essential to all branches of the business of design, and the professional bodies representing designers are strongly urged to encourage it.

"Secondly-designers have a duty to contribute their expert knowledge freely and honestly to public discussion of design in all its aspects. All restrictive rules which subject the public good to a narrow concept of loyalty to the profession by prohibiting designers from commenting on one another's work should be relaxed as soon and as far as possible.

"Thirdly-we believe that it will ultimately be in the interests of the great manufacturing corporations to encourage the most free and uninhibited public critical discussion of their products. We call upon the pace-setting manufacturers to demonstrate their enlightened self-interest by lifting the implicit threat of legal action or economic sanctions that hangs over even honest and well-founded criticism of their wares in the mass media.

"And fourthly-since public criticism cannot flourish without a forum, we call upon the mass-media to reverse their present indifferent approach to design problems which, whether large as in city-planning, or small as in domestic equipment, touch the lives and pockets of their readers and viewers very directly."



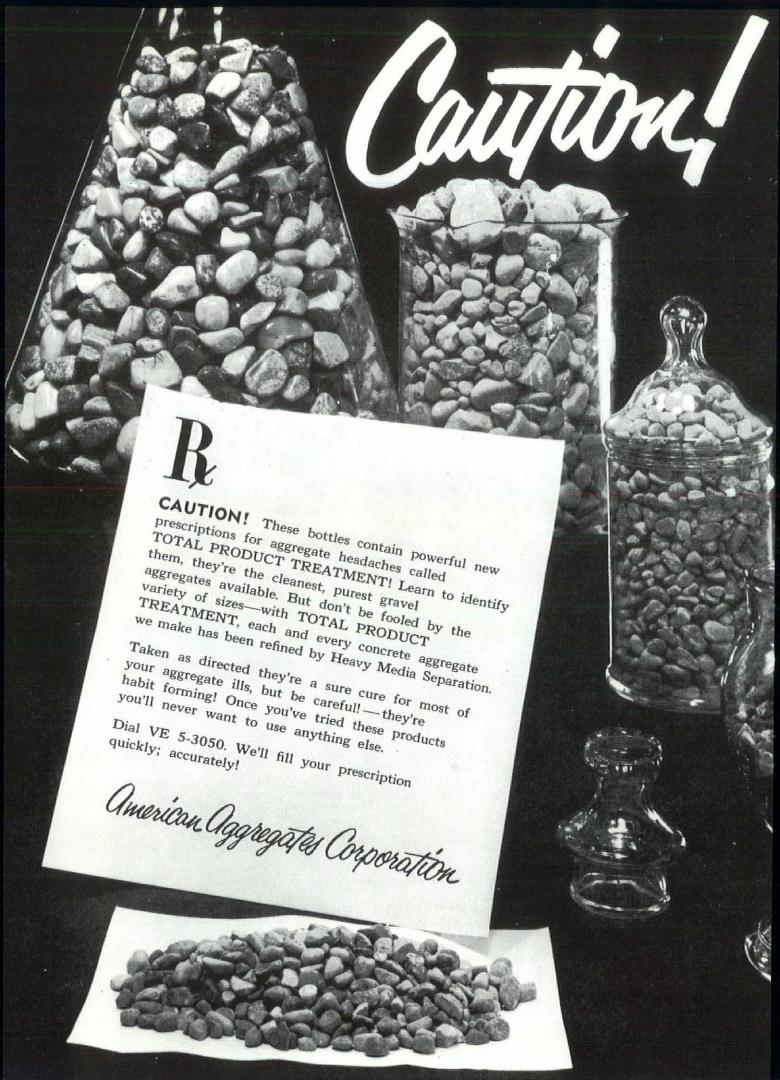
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Comprehensive Service Book Now Available

Publication of "Comprehensive Architectural Services: General Principles and Practice" edited by William Dudley Hunt, Jr., AIA, has been announced by McGraw-Hill Book Company. Containing 238 pages plus index and 128 illustrations, the book is now available at \$8.00 per copy; \$4.80 to AIA Corporate members if ordered before June 1, 1965, \$6.40 thereafter.

"Comprehensive Architectural Services" presents new material on contemporary architectural practice for the present and future. It describes how architecture will be practiced in the years to come, in wide ranging, large-scale, complex developments and in smaller buildings, and it describes some elements of practice which have not usually been performed by architects in the past, but will be performed by them in the future.

The book portrays what the new services will be like, how architects can prepare for these services, how the services will be performed and by whom, how the services will be coordinated and unified, and how they will be compensated for. According to the authors, architects will have to be better prepared than ever before, more creative, better coordinators, more of universal men, and, at the same time, specialists. The authors, therefore, take this first step in bringing knowledge of the sort needed to practicing architects of today and to students, the practicing architects of tomorrow.

The six parts of the book cover the following: The New Role of the Architect-An introduction to the expanding requirements that have led to the concept of comprehensive architectural services, and the legal, ethical, and educational and other problems involved; Comprehensive Architectural Servicesthe rudiments of the subject, and its practice in various building types such as industrial, commercial, and educational; The Architect and His Client-How architects can market their services to the clients of today and in the future, what clients will expect, and how the services can be performed to meet the requirements of clients and the public; Promotional Services-How architects can perform comprehensive services for promotional projects or for entrepreneurs; Project Analysis Services-How the architectural services, such as analysis of finances, feasibility, real estate, that precede architectural design are performed; and Supporting and Related Services-How services not considered traditionally architectural in the past are performed.

"Comprehensive Architectural Services" is based on the pioneering efforts of the A.I.A. Committee on the Profession to find better methods of architectural practice for the present and future. The book contains some articles by outstanding architects and other experts which appeared in the AIA JOURNAL.

Further information on "Comprehensive Architectural Services" may be obtained from the American Institute of Architects, 1735 New York Avenue, N.W., Washington, D.C. 20006.

Bogner Guest at U. of D.

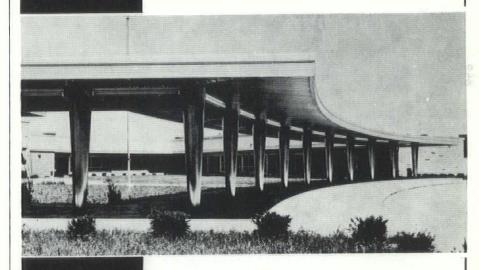
Walter F. Bogner, Professor, Graduate School of Designs, Harvard University, spoke at the University of Detroit Student Chapter, AIA.

The meeting, held in the Student Union Building on the McNichols Campus, was the first for 1965 in the continuing series of talks entitled, "Space, the Art of the Humanized Environment.'

Professor Bogner presented an interesting illustrated lecture on "Space in Architectural Philosophy."

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Donald M. Howell

Howell Fills New Sales Post at OCF

The appointment of Donald M. Howell, Jr. to the post of Industrial and Commercial Supervisor, Owens-Corning Fiberglas Corporation, was recently anounced by the firm's office in Detroit. In his new capacity, Mr. Howell will be responsible for the sale of all Fiberglas pipe covering, acoustical materials and roofing throughout the State of Michigan.

A 1950 graduate of Michigan State University, Howell lives at 4220 Meadowland, Bloomfield Hills, Michigan. Prior to joining Owens-Corning, he was employed by an acoustical contracting firm as Sales Representative and Job Coordinator.

Producers' Council to Hold Architectural Sales Institute

Producers' Council, Inc., the national organization of manufacturers of building materials and equipment has announced that the first of three Architectural Sales Representatives Institutes for 1965 will be held at the University of Detroit. The program will begin Tuesday evening, March 23, run through Wednesday and Thursday and conclude with a workshop test check and summation Friday morning, March 26.

The Institute supplements the training programs of over 150 companies. More than 600 architectural salesmen have received Certificates of Completion from previous sessions. A maximum of 60 students will be accepted for this course.

Participating in various sessions of the Institute will be Dean Bruno Leon, Prof. Louis Michel and Prof. John Loss of U of D's School of Architecture; local architects Paul B. Brown, Erroll R. Clark, John W. Jickling, James H. Livingston, Philip J. Meathe, Philip A. Nicholas, Louis G. Redstone, Bruce H. Smith, Frederick G. Stickel, and Harold J. Zigmanth; specification writer David Mueller; consulting engineer Richard H. McClurg; general

contractor Fred Auch and Attorney James A. Markle.

Michigan Chapter, Producers' Council will be represented by Pete Hambleton and Joe Panella. Moderator for all sessions will be R. Hartley Edes, Jr., Producers Council Field Director.

BROCHURE AVAILABLE

The Flint Institute of Arts has available a limited number of brochures on the recent exhibit of work of Alden Dow. Copies will be mailed on request from the Flint Institute of Arts, De-Waters Art Center, Flint, Michigan.

Committee Correction

Correction: The following is a correct list of committee members of the Detroit Chapter Committee for Preservation of Historic Buildings for 1965 as announced by chairman John P. Morgan.

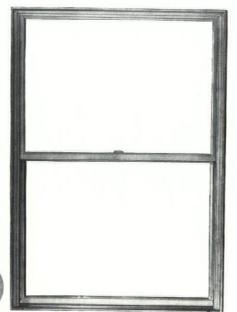
David Feryus
Jude T. Fusco
James E. Gibson
Ralph W. Hammett
Fuad Hassan
Theodore E. Kurz
Charles T. McCafferty
Harold Van Dine

The listing for this committee in our February issue was not correct.

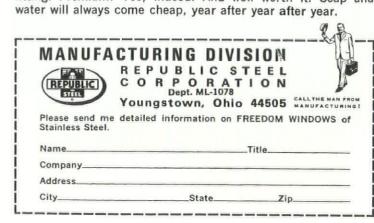
There are 17 things new Freedom Windows of Stainless Steel can't do.

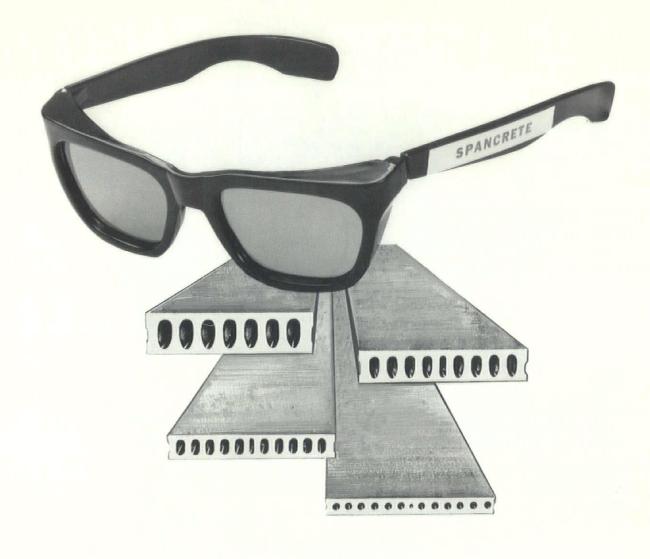
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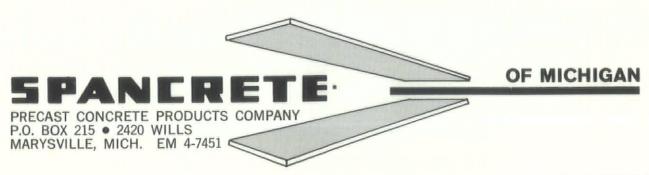
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A. J. Etkin Elected A.G.C. President

At their 49th Annual Meeting, The Associated General Contractors of America, Detroit Chapter, Inc., elected officers and directors for the coming year. The meeting was held January 20, 1965 at the Engineering Society of Detroit.

Alex J. Etkin, president of the construction firm bearing his name, was elected president of the Detroit Chapter for 1965. A. J. Etkin Construction Company is one of the leading general contractors in this area, having recently completed or have under contract the Detroit Metropolitan Airport Expansion, Ponchartrain Hotel, St. Regis Hotel, Lafayette Towers and other major industrial and commercial projects.

Other officers elected were Leonard P. Cooley, John Cooley Company,



Alex J. Etkin

First Vice President; William A. Maddock, Darin & Armstrong, Inc., Second Vice President; and R. Dort Pettis, Walter L. Couse & Company, Treas-

Elected Directors were Edward Chase, The Chase Company; Thomas Dailey, R. E. Dailey & Company; Charles Reisdorf, Jr., C. H. Reisdorf & Sons, Inc.; Edwin Salkowski, Christopher Construction Company; Arthur Shmina, A. Z. Shmina & Sons Company and Richard Brennan, Brennan Company.

Brennan, Immediate Past President was presented with mementos of appreciation for his two years of service to the Detroit Chapter.

Members of the Detroit Chapter staff are William E. Stewart, Secretary; Stanley E. Veighey, Manager of Labor Relations and Bruce A. Fox, Assistant to the Secretary.

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Senate Bill Proposes Plans for Stock Schools

Senate Bill No. 15 which proposes the use of plans for stock school buildings throughout the State of Michigan was introduced by Senator Rozycki on January 14, 1965 and referred to the Committee on Education.

The Bill is quoted below: "The school code of 1955"

as amended, being sections 340.1 to 340.984 of the Compiled Laws of 1948, by adding a new section 273.

THE PEOPLE OF THE STATE OF MICHIGAN ENACT: Section 1. Act No. 269 of the Public Acts of 1955, as

- 2 amended, being sections 340.1 to 340.984 of the Compiled Laws
- of 1948, is hereby amended by adding a new section 273 to
- read as follows:
- SEC. 273. (1) THE SUPERINTENDENT OF PUB-LIC INSTRUCTION
- SHALL PREPARE STANDARD PLANS FOR THE CONSTRUCTION OF ALL
- SCHOOL BUILDINGS HEREAFTER CON-STRUCTED IN THIS STATE. THE
- PLANS SHALL BE COMPLETE WORKING PLANS AND SHALL SPECIFY THE
- ARCHITECTURAL DESIGN OF THE BUILDING, THE STRUCTURAL SPECI-
- FURNISHINGS, FIX-FICATIONS, INTERIOR TURES, PLUMBING, ELEC-
- TRICAL WIRING, HEATING, VENTILATION AND ROOFING.
- (2) THE SUPERINTENDENT OF PUBLIC IN-STRUCTION SHALL

- FURNISH TO ANY SCHOOL DISTRICT, ACCORD-ING TO ITS NEEDS,
- SETS OF PLANS UPON REQUEST AND AT COST. AFTER SEPTEMBER 1,
- 1966, NO SCHOOL DISTRICT SHALL CONSTRUCT ANY SCHOOL BUILDING
- 10 EXCEPT IN ACCORDANCE WITH PLANS PRE-PARED BY THE SUPERINTEND
- II ENT OF PUBLIC INSTRUCTION. ANY CON-TRACT MADE BY A SCHOOL
- 12 DISTRICT IN VIOLATION OF THIS SECTION SHALL BE VOID.

Similar proposals have been made and tried in other States and have proven to be complete failures.

The Michigan Society of Architects is opposed to such a program and urges all members to communicate with their representatives in the legislature expressing that opposition.

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GRAND RAPIDS

A Summer At Fontainbleau

Jon Annand, Student, U. of M., School of Architecture and Design

Since 1926 the Ecole Americaine des Beaux Arts at Fontainbleau, France, has enrolled many architecture students from the United States. Some of you may relate the school to the days when the French Neo-Classic period was popular in this country and students went to Fontainbleau to learn the style. Today the school, located in the Palace of Fontainbleau, has a contemporary outlook. Last summer, 1964, on vacation from the architecture school at the University of Michigan, I went to Europe and took the two month course at the Fontainbleau School.

The other students were from all parts of the U.S. and were either in their last year or just finished with architecture school at home. A majority of the twenty-one students were on scholarships given by such institutions as the Portland Cement Company or their respective college. To give a list of the colleges represented will show how geographically encompassing my class was: University of Minnesota, University of Illinois, University of Utah, University of Virginia, University of Arizona, Princeton University, Columbia University, and Carnegie Institute of Technology. One student worked in the New York office of Marcel Breuer. Two European students were also enrolled, one from England and the other from Belgium. This cosmopolitan situation gave each student the chance to compare his college background with the others.

Before moving on to the school procedure at Fontainbleau, it might be wise to tell the backgrounds of our three French instructors, who donate time each summer outside their work at their Paris architecture offices. Middle-aged Pierre Devinoy spent one year as a student at Yale University but was mainly educated at the Ecole Nationale des Beaux-Arts in Paris in the design class taught by the famous Auguste Perret, who gave Le Corbusier his background. Gerard Benoit and Marion Tournon-Branly were the other two instructors who were classmates of Decinoy under Au-

guste Perret in Paris.

An interchange of ideas among the students about past and contemporary French architecture, as well as other architecture in the world, was inspired by lectures, projects

and field trips. Classes were in English.

Leading French architects and engineers came to give lectures on their projects. It was interesting to note how heavily the European architect depends on competitions to get jobs rather than building up a clientele as in the U.S. Shadrach Woods of the Paris architecture firm Candilis, Josic & &Woods showed his firm's large projects which were just published in the October, 1964 issue of PROGRESSIVE ARCHITECTURE. Wladimir Bodiansky, former structural engineer of Le Corbusier, showed his new reinforced concrete stadium in Southeast Asia.

Marcel Lods lectured on his housing projects at Drancy, Marly, Bagneux in France. Jean Prouve, engineer-inventor, who has much of his work on prefabricated houses and steel structures published in Europe and the U.S., talked on his philosophy of architecture. Rene Pechere, who planend and executed all the gardens of the Brussels World Fair Grounds in 1958, spoke on the European landscape architecture. Students were able to ask these men questions. Many times a visiting lecturer would be asked to give critiques on the student projects.

The lectures seemed to be the means to help stimulate us in our project work. Two main design projects were given during the two month session. Project number one was to take a natural form and evolve a structure that could be used as a fair pavilion. A simple example would be to use a sea shell as a basis for a reinforced concrete shell form. Our solutions were not this direct but were to be based on the aesthetic inspiration plus the structure intuition that our own natural object gave us. The value in the project was that it illustrated structural possibilities which can be found in nature that might be useful in building technology. There was no project program given with requirements like site location, etc. Most of us work on design projects at college with a given program.

In the second project we were not given a project pro-

gram but were asked to draw-up our own.

Each student was to develop his own program on what he felt an architecture school should teach today and then design the college. Before we started our individual programs, each student was asked to relate the present program of his school at home, so that, each could compare his own school with the other students. Next we discussed the future of the architect, his job, and whether the engineer was a threat in replacing the architect. With this knowledge the individual student wrote his program and drewup the basic design of his architecture school. The Fontainbleau school gives about eight diplomas to students doing the best work in this size class.

Both of these projects seemed to be developed no more than the "concept stage" and gave the student great freedom. My impression of these projects as compared with ones that I have had at the University was that I am used to developing my building details with the macro design

concept rather than leaving them out.

The school field trips to the great French buildings of past and present were a wonderful experience. Since Fontainbleau is so near Paris, we made many trips to the famous city to see the great works of art and architecture. But a majority of the traveling was made to other parts of France: Ronchamp chapel by Le Corbusier, Royan church by Guillaume Gillet, chateaus like Azay-le-Rideau and Chambord, Chartres cathedral, Palace of Versailles, Mont-Saint-Michel.

This experience was much better than looking at a picture slide of a building in a classroom and having the professor attempt to project you to the site. We also took a trip to a prefabrication factory for housing units, Camus System, in Monteason, France. The great value of field trips is that there is no better way for a student to learn scale, space, and proportions than to experience them.

The Fontainbleau School is famous for its painting, sculpture, and music departments. The architecture students were allowed to attend classes and do work in any of these departments, as long as they completed their archi-

tecture projects on time.

Some of my classmates complained about the Europeans' deep attachment for their past architecture. Students would say that it causes a "static" situation. It might be that the U.S. students were not used to seeing so much past archi-

tecture with the contemporary.

Some students enjoyed the school at Fontainbleau because the design approach was new and interesting, but others felt it had not enough merit to give it an honest try. The value of an experience like this for a young architecture student is that each design approach has its disadvantages and advantages so if he gets a chance to experience enough approaches he can develop his own design procedure and philosophy rather than depending totally on the approach of a favorite professor or a famous architect.

The relaxed European environment at the beautiful Palace of Fontainebleau with its gardens and forest gave a student a wonderful atmosphere. For many it was probably a once-in-a-lifetime situation away from the pressures of college at home and the pressure to be faced in the profes-

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Gathered around the model of the new Oakland Mall regional shopping center now under construction in Troy, Michigan, are: (left to right) Jay M. Kogan, developer; E. S. Janes, Group Manager, Detroit Area Sears stores; Robert E. Winkel, President of Crowley Milner and Company; Jason Honigman, Board Chairman, Allied Supermarkets, Co-developer; A. Arnold Agree, Vice President, Charles N. Agree Inc., architects; and Jerome L. Schostak, Schostak Brothers and Company, exclusive leasing agents.

Oakland Mall Under Construction

Designed by Charles N. Agree, Inc., the Oakland Mall in Troy will have both a Sears store and Crowley's as principal occupants.

The Oakland Mall will feature completely enclosed malls, heated in winter and air conditioned in summer, well lighted with display areas and decorated with landscape planting and sculpture. There will be 70 stores and services under one roof, including a supermarket. Parking facilities will handle 7,500 cars.

Completion of the Sears store is scheduled for fall 1965, with Crowley's and the remaining stores scheduled for opening in the fall of 1966.

Acoustical Seminars Scheduled for March

Due to the continued interest in the matter of acoustical correction and sound transmission loss, a new series of courses on this subject is being scheduled. Two well-known and experienced acoustical consultants, Michael J. Kodaras of New York City and Robert Lindahl of the Detroit area, conducted a three-day session in New York City, October 1964. This was attended by registrants from all parts of the United States and Canada.

These courses are unique in that they give the fundamental principles of sound control in a practical way without the use of mathematics. They thus serve as an introductory course for manufacturers, salesmen, research and development personnel, trade associations, etc.

The next school is scheduled for March 15, 16, and 17, 1965 at the Dearborn Inn, Dearborn, Michigan. A visit to the Geiger and Hamme Acoustical Laboratory in Ann Arbor is a part of the course to demonstrate the actual testing of walls, floors, and ceilings.

Further information regarding this course can be obtained by writing to Robert Lindahl, 2261 Winthrop Road, Trenton, Michigan 48183.

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Detroit Trade Center Begun

Construction of the new \$10-million Detroit Trade Center got underway February 2, with ground breaking ceremonies at the site on the west side of the city's downtown area.

Participating in the ceremonies were members of the Common Council, representatives of the Detroit Housing Commission and City Plan Commission as well as business and civic leaders. They were joined by the co-owners and developers of the Trade Center: W. Robert Bryant, president of Bryant & Detwiler, and Albert Nelson, president of Nelson Construction Co., both Detroit firms.

The entire complex will provide a central location for offices and displays of manufacturers, distributors and agents in fields of apparel, textiles, giftwares, home furnishings, building and automotive products.

The owner-developers expect the center to be ready for occupancy by February of 1966. They reported that interest in the Detroit Trade Center had run so high by late 1964 that plans for space had been increased to 450,000 square feet and the value of the buildings had risen from \$8-million to \$10million.

In addition to the buildings, the complex includes covered on-site parking which will be available to tenants. There will also be free surface parking for tenants, buyers and visitors to the trade center.

Contemporary in design, the buildings will feature exterior concrete columns between which the facade will be embellished with unique lugs. A central tower, containing elevators, power equipment and other mechanical and service facilities, will join the two structures. "By isolating the elevator and other service facilities in one central tower, it is possible to create ideally planned spaces in the two large buildings. Another advantage is maximum flexibility with orientation in all directions.

One of the important features of the center will be an auditorium for larger meetings and special exhibits. There will be conference and hospitality rooms which will accommodate special displays, shows, etc.

Tenants will also be able to display new products and services of general interest in special exhibits cases, stands and turntables on the main floor and lower concourse. These special exhibits will be open to all visitors to the building.

The penthouse will feature a restaurant, cocktail lounge and club facilities. Private dining facilities will be available for parties and conferences. There will be a coffee shop, barber shop, office supply firm, tobacco and sundries shop, a travel agency and a branch bank in the complex.

Architect-engineers for the Detroit Trade Center are Smith, Hinchman & Grylls Associates, Inc. of Detroit.



Breaking ground for the \$10 million Detroit Trade Center are from left to right, Robert Hastings, president of Smith, Hinchman & Grylls; Sigmund Blum, chief designer for the architectural firm; and Albert Nelson and W. Robert Bryant, co-owners and developers of the Center.

ANDERSEN WINDOWALLS We have some new architectural products with which we would like acquaint you. We also invite you to bring questions and problems to 51ST ANNUAL CONVENTION, MICHIGAN SOCIETY OF ARCHITEC NVITE YOU TO VISIT OUR BOOTH (NO. MARLITE MARCH 17-19, STATLER HILTON HOTEL, DETROIT MASONITE ARMSTRONG AUTHENTIC COLONIAL WOODWORK スス WHOLESALE SASH AND DOOR DISTRIBUTORS 2127 FENKELL AVE. DETROIT 38, MICH. UN. 1-3480 KIMBALL

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Architectural Forum to Resume Publication

Architectural Forum has been acquired from Time Inc. by the American Planning and Civic Association, a non-profit educational and civic association to improve the character and appearance of American cities, Harland Bartholomew, APCA President announced today.

Publication of the Forum, published by Time Inc. from 1932 until September of this year, will be resumed in April 1965 under the same editorial direction as before.

"For the past year," Bartholomew said, "the Association has been exploring new programs to vitalize its activities. As an important part of our new activities, we intend to publish Architectural Forum as an independent magazine devoted to the encouragment of better urban design and all that might be described as 'man-made America'."

Lawrence Mester, former General Manager of the Forum, has been named as its publisher, and that Peter Blake, AIA, former Managing Editor, has been named Managing Editor, Paul Grotz continues as Art Director, and Ann Wilson will continue her work as Assistant to the Editor.

"The editors of the new Architectural Forum will be supported and advised in their work by a Board of Contributors made up of leading experts in the U.S. and abroad from the fields of architecture, urban design, planning, art and other disciplines related to the magazines mission," Bartholomew said.

A prominent member of this Board of Contributors will be Douglas Haskell, FAIA, who, prior to his retirement this summer, was Editor of the Forum.

Commenting on plans for the resumption of publication of Architectural Forum, Editor Blake said: "We plan to report the best works of current architecture, from the smallest house to the largest complex of buildings and related elements of the urban scene.

"We plan to do so by presenting these works in detail and in contextthe context of their physical surroundings, and the context of the social, economic and political forces by which they are shaped. And, perhaps most importantly, we plan to carry on a consistent, critical evaluation of these works and the process of their creation."

Portland Appoints Advisor For Residential Construction

Robert H. Lochow, Michigan District Engineer for the Portland Cement Association, has announced appointment of Frank E. LaFave of Adrian as Housing and Products Specialist for the Association in the Detroit metropolitan area.



Frank E. LaFave

LaFave, who takes over his new duties immediately, will be headquartered in Detroit.

Prior to joining the Portland Cement Association staff, LaFave has been active in the fields of construction and finance. He is a graduate of Michigan State University.

LaFave's principal work will be to assist builders and producers of concrete products in the single and multiunit residential construction field.

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able on this strong and versatile structural material in A.I.A. file No. 19-A-3 Koppers Bulletin W-365. Special recommendations where Fire Protected Lumber and Plywood is to be used where architectural appearance is a consideration is supplied in Koppers Supplemental Sheet W-365b.

Kingscott & Associates Establish Wisconsin Office

Samuel T. Balen of Balen & Associates, Architects, Madison, announces the merger of his firm with that of Louis C. Kingscott & Associates, Inc., Architects-Engineers. Balen will be the principal in charge of the office of Kingscott & Associates, located at 2203 Regent Street, Madison.

The Kingscott firm established in 1929, has offices in Kalamazoo, Michigan, Indianapolis, Indiana and Davenport, Iowa.

Balen, who was in private practice for the past three years prior to his association with the Kingscott organization, is a member of the American Institute of Architects and the Construction Specifications Institute. He is currently a Vice-President of both the A.I.A. and C.S.I. local chapters. He is registered to practice architecture in Wisconsin, Illinois and Iowa. Mr. Balen, his wife and four children reside at 11 Farley Avenue, Madison.

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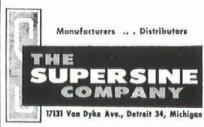
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MSU Adds Forestry and Conservation Building

One of the latest units in Michigan State University's building program is a four million dollar Forestry and Conservation building, soon to be constructed at East Lansing. Designed by Albert Kahn Associated Architects and Engineers, the building will house the Forestry Department of the University. also accommodate the Forest Products, Fisheries and Wildlife, and Resource Development Departments.

A four-story reinforced concrete structure, with brick walls, precast exposed aggregate concrete structural members and limestone facing, the building will be completely air conditioned, and will provide extensive laboratories for teaching and studying all phases of the forestry and conservation fields.

According to the architects, as much wood and wood derived products will be used in the building as consistent with existing fire and building regulations. Glued laminated wood beams will support the auditorium ceiling and wood machining area, and doublehung wood windows will be used throughout the structure. Plans call for various types of wood paneling and hardwood floors in faculty offices, conference rooms, etc.

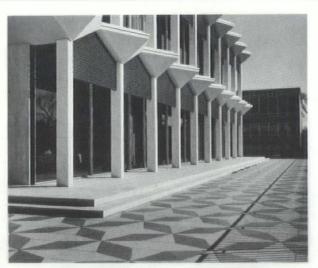
When completed, the new Forestry and Conservation building will provide the most modern teaching facilities available including through-the-wall rear projection screens for visual aids, facilities for time and motion study of construction operations, dry kilns, a hydraulically operated test floor, particle board manufacturing equipment, and a complete wood preserving plant.

Detroit Chapter Code Committee Report

In 1964, Philip J. Meathe, then President of the Detroit Chapter of the AIA appointed our "Code Committee" for the purpose of reviewing the New Proposed Code being considered by the Building Department of Detroit. It soon became apparent that the Committee would have a broader scope of purpose, and so, it has become a standing committee concerned with the problems of code writing, code interpretation, code enforcement and the general working relation between the community which enacts and enforces codes and the professional people and their clients who are being regulated and who are called upon to put the "code" to work.

As an added feature to the work of this Committee, we have proposed two objectives as a guideline to our work. Inasmuch as we lack time to investigate and in fact "write" code material, we felt our time can best be spent in the area of public relations and education. This means that we are interested in establishing a working rapport with the building departments and officials in the Tri-county area for purposes of receiving complaints relating to inconsistency in codes, in-

(Continued on page 35)



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Officers Elected

At the annual meeting of the Great Lakes Fabricators and Erectors Association recently held in Detroit, Nathaniel O. Saulter, President of Acorn Iron Works, Detroit, was elected to the presidency for a second term. Other officers re-elected for the coming year include E. L. McDowell, President, Argo Steel Construction Company, Detroit and W. E. Willard, Vice President, The R. C. Mahon Company, Detroit, to Vice-presidencies. Harry Broad, President of Broad Crane and Engineering Company, Detroit, as



Nathaniel O. Saulter

Treasurer and George McKeough, Director of Community Services, The R. C. Mahon Company, as Secretary.

Continuing on the Board of Direction are James Bernardi, Chapper Iron Works, Inc., Detroit, M. E. Woodbeck, Overhead Conveyor Company, Ferndale, and John Burke, Aluminum and Architectural Metals Company, Detroit. Newly elected to the Board are Jack Busch, Haven-Busch Company, Grand Rapids and Joseph Landre, Arrow Steel Company, Detroit. E. H. Webster, Whitehead and Kales Company, Detroit, remains on the Board as immediate past president.

J. Gardner Martin is Executive Secretary of the Great Lakes Fabricators and Erectors Association which represents 61 firms in Michigan and surrounding states engaged in the fabrication and erection of structural steel and metal building products. The association maintains offices at 809 New Center Building, Detroit.

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Committee Report

(Continued from page 33)

consistent interpretation and abusive practice by Code enforcement agencies and/or professional practitioners.

This program will require the close cooperation of the entire membership, for only through the submission of your problems to this committee will we be able to carry out an effective program of alleviating undesirable conflict in code enforcement. Furthermore, in order to carry out an effective program of education in the area of code development, interpretation and enforcement, it will first become necessary to find out in what areas there is greatest absence of understanding of Code meaning. In the same vein, if there are areas of the code which consistently create complications for the practitioner, it would be a part of this educational process to make these sore spots known and with proper submission of information, have these problem areas remedied. Correspondence may be directed to me at 3831 E. Seven Mile Road, Detroit, Further communications and informative articles in this area are proposed. Your participation in this work is welcome.

Seymour H. Mandell, Chairman

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ANNOUNCEMENTS

Begrow and Brown, Architects, Inc., announce the removal of their northern office to 2151½ Bridge Street, Charlevoix. Telephone: 547-9444.

Warren E. Poole, AIA has been appointed Assistant University Architect at the University of Michigan.

Poole, a graduate of the University of Illinois in Architectural Engineering, has been with the Detroit Board of Education on a project coordinator in the School Housing Division, Smith, Hinchman & Grylls as First Structural Engineer and later as an Architectural Job Captain.

He left his most recent position with Ralph Calder, Inc. to join the University. His Ann Arbor address is 2118 North Circle Drive.

Fenestra Inc., manufacturers of metal building products since 1904, announce two management appointments.

F. W. Ingraham became manager of Marketing of the Architectural Products Division, Lima, Ohio. and John A. Anderson, group Vice President, is now responsible for the Architectural Products Division in addition to his present duties as Vice President and General Manager of the company's Door Products Division in Erie, Pennsylvania.

Joseph L. Fleshner, AIA, has opened an office for the practice of architecture at 23536 Plymouth Road, Livonia, Michigan. A 1956 graduate of Lawrence Tech, Fleshner is presently working on a Masters in Urban Planning at Wayne State University.

Fleshner had previously been associated with the offices of Levine-Alpern Associates and Sanford Rossen.

John Loss, of Loss and Loss, Architects, announces the relocation of his office to 8600 Macomb, Grosse IIe. The new telephone is 676-4800. The firm was formerly at 23255 Woodward Avenue in Detroit.

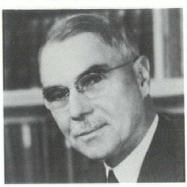
Dale A. Soumela, AIA, has opened an office for the practice of architecture at 3111 Corunna Road, Flint, Michigan; telephone: 234-5014.

A graduate of the University of Michigan in 1956, Soumela became registered in 1960. He has been a Project Engineer with MacKenzie, Knuth & Klein and is currently serving as Vice President of the Flint Area Chapter, A.I.A.

OBITUARIES

H. Augustus O'Dell

Mr. H. Augustus O'Dell, 89, of 1119 Pilgrim, Birmingham, died Tuesday, February 2 in the Southfield Nursing Home. A lifelong Detroit area resident, he rose to major in the Army during World War I, and subsequently was made a colonel. He was active in organizing the American Legion, and with several of its members returned to France after World War I as a guest of that country's government.



A past president of the Michigan Society of Architects (1931-33), he was a fellow of the American Institute of Architects, which awarded him its gold medal honor. Mr. O'Dell was the senior partner in the Birmingham architectural of O'Dell, Hewlett & Luckenbach. Surviving is his wife Kathleen.

Harvey H. Weemhoff, AIA

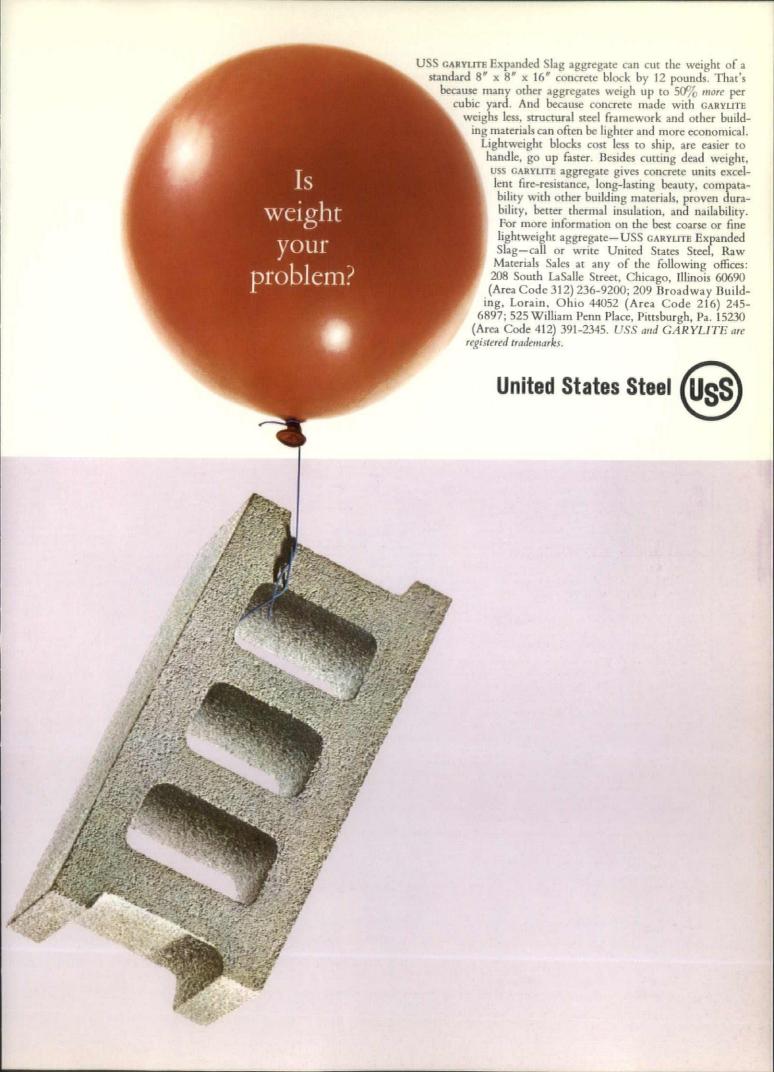
Harvey H. Weemhoff, an emeritus member of the Grand Valley Chapter, died January 9, 1965. He was 83 years old.

Born in Green Bay County, Wisconsin in 1882, Weemhoff come to Grand Rapids with his parents in 1887. He worked in architectural offices and was registered in 1915.

He opened his own office in 1912 and maintained private practice for more than fifty years.

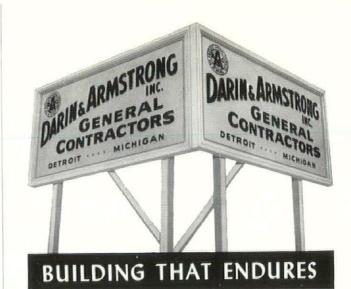


Buildings he designed include the Browing Hotel, First Protestant Reformed Church, Lee Street Christian Reformed Church, the Calvary Undenominational Church and Ahavas Israel Congregation.



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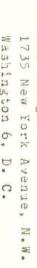
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