STEEL...

for

STRENGTH
PREDICTABILITY
LIGHT WEIGHT
LONG SPANS
SPEED OF CONSTRUCTION
ECONOMY

GREAT LAKES FABRICATORS AND ERECTORS ASSOCIATION
519 New Center Building
(313) 875-4222
Detroit, Michigan 48202
Favorable attention insured. Precasts in white.

DETROIT INSURANCE AGENCY

This Detroit Insurance agency has insured itself of positive attention on busy Second Avenue in Detroit.

White precast units made with Medusa White dominate the structure and give it extra eye appeal as well as solidity.

Specify Medusa White wherever gray cement is used for that important extra in looks. Write for free booklet "Precast Exterior Units."

Medusa Portland Cement Company, P.O. Box 5668, Cleveland, Ohio 44101.

MEDUSA WHITE.
EDITORIAL

It would seem to be about time that architects, along with many others concerned with the environment, should begin to react to the desecration we are constantly perpetrating on our own sweet land. In one of last year’s issues of the Bulletin we referred to the description of the Detroit River sent back home to France in 1701 by Antoine de la Mothe Cadillac, the first European to come to live in the setting of what is now metropolitan Detroit. He described it almost lyrically as a thoroughly delightful spot, blessed with clean fragrant air, bright skies, and long vistas. He was probably right—enough so to lure his wife from her accustomed comfortable life at Versailles Palace.

How it has changed in the 270 years that have passed! Today, nearly the only human sensitivity that responds favorably to this area is the one that recognizes money and economic power. Detroit throbs and pulsates like a great heart producing the material goods we all find to be so vital to our well-being now, and this is good in a great many ways. But in so doing it is succeeding—has succeeded—in blotting out the beauty and inspiration that brought forth M. Cadillac’s description. It is doubtful that such a man as Cadillac’s words would indicate him to be would consider even the most luxurious Coupe de Ville, wearing his own name, to be worth the black smoke and grimy sky hanging overhead, nor the poisoning of the beautiful water that brought him here.

The pollution of the amenities with which nature has surrounded Man is not peculiar of course to Detroit. Most American cities of any size have an approximately equal record, among which the exceptions stand out brilliantly. Such an exception is Seattle, where the citizenry of the whole area, partly through ABC (Action for a Better City), have reclaimed and returned to purity the almost hopelessly polluted waters of the Puget Sound region. In other parts of the world too there are bright spots. The Ruhr and lower Rhine valleys in Germany are as heavily industrialized and as grimy as anything the U.S. can offer, and yet the water in the Rhine is checked frequently during every day at numerous stations along the river’s length and stiff penalties handed out to anyone who discharges any contaminating substance into water. The result is clean, clear water, suitable for fishing, swimming, and even drinking. Their atmosphere of course is something else.

The reasons why pollution exists—of air, of water, of land, of the sounds which assault our ears, of human dignity (are you reading in Dearborn?) are far easier to see than to understand. One can see how the headlong race by the giants of industry to beat the other guy to the almighty buck has brought about this distressing situation. We all want our share of the almighty buck and of the things made by the giants of industry alright; but don’t we also want some measure of our God given environments? What is beyond comprehension is why it is that professionals who claim the environment to be their central interest—planners, architects, engineers—continue even at this late date to sit on their hands, smile, and draw pretty pictures while the mess is daily being compounded. Oh, yes, we nod in the general direction of what laws we do have on such subjects as smoke abatement, sewage disposal, etc., but by and large this is because there is a law, rather than it being guided by the principle that what we build becomes part of the environment and thus provokes an entire set of responses by all the psychological and physical senses of the human being. What is missing is evidence of real and responsible concern by these professionals for these factors and the problems they generate.

Some manufacturers of building materials have discovered some values here, again mostly in the pocketbook. Makers of sound retardant finish materials can name dozens of reasons why you should use their products, all based on efficiency and economy at work or at home, and these are in turn based on psychological and comfort factors. Research laboratories are constantly working on improved methods and machinery in order better to satisfy the laws, and incidentally too to realize the spin-off benefits of pleasanter surroundings.

But where is the voice of the professional, who is by his own claim the “custodian” of this environment? Why isn’t the MSA leading the other professional societies concerned in a vast campaign of education touching on all the losses our wild progress is bringing us? Detroit used to be a pleasant, even a beautiful place. It has lost most of this quality, and although it can never regain it all, there can be action taken to reverse the process of deterioration and to temper our environmental physical necessities with a deliberate effort to serve the human spirit at the same time. Some tools are in use now, both in legislation and in education, and there are a few tentative indications of progress. But if the “custodians” of the environment—those of us who presume to tell others what physical facilities they should have—are unwilling to speak out, or worse, don’t put themselves on a clear record indicating real custodial responsibility, how can we claim any right to try to contribute to Man’s needs? The professional has a loud and clear role to play in both education and legislation. We are not really doing a very notable job of fulfilling these roles.

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

MSA OFFICERS
PRESIDENT
Jackson B. Hallett, AIA
VICE PRESIDENT
William Lyman, AIA
SECRETARY
David W. Osier, AIA
TREASURER
Howard Hakken, AIA

MSA DIRECTORS
Chase Black, AIA
Almon Durkee, AIA
Bernard DeVries, AIA
Norman Kline, AIA
Glen Paulsen, AIA
Charles Scurlock, AIA
Robert Siefert, AIA
James Tomblinson, AIA

REGIONAL DIRECTOR
Walter B. Sanders, FAIA

EDITOR
David L. Williams, AIA
MANAGING EDITOR
Ann Stacy

ADVERTISING DIRECTOR
Gary R. Grout

Volume 44—No. 3

2 Editorial
11 News
16 Calendar
Classified
Obituary
17 55th Annual MSA Convention
21 Letters
25 The Significance of Frank Lloyd Wright by Robert G. Bell, AIA
44 Advertisers Index

STATEMENT REQUIRED BY THE ACT OF OCTOBER 23, 1962; SECTION 4369, TITLE 39, UNITED STATES CODE SHOWING THE OWNERSHIP, MANAGEMENT AND CIRCULATION OF Monthly Bulletin, Michigan Society of Architects, published monthly at 28 West Adams, Detroit (Wayne County) Michigan 48226, with headquarters at the same address. Names and addresses of the publisher and editor are: Publisher, Michigan Architectural Foundation, same address as above; Editor, Ann Stacy, 28 W. Adams, Detroit, Michigan 48226. The owner is Michigan Architectural Foundation same address as above. The known bondholders, mortgages and other security holders owning or holding one percent or more of total bonds, mortgages or other securities are: none. The average number of copies of each issue during the preceding twelve months from date of filing are (a) Total number of copies printed, 3,954; (b) Paid circulation: (1) To term subscribers by mail, carrier delivery or by other means, 3,487; (2) Sales through agents, news dealers or otherwise, none; (c) Free distribution by mail, carrier delivery, or by other means, 147; (d) Total number of copies distributed, 3,634. Single issue nearest to filing date (a) Total number of copies printed, 4,000; (b) paid circulation: (1) To term subscribers by mail, carrier delivery or by other means, 3,486; (2) Sales through agents, news dealers or otherwise, none; (c) Free distribution by mail, carrier delivery or by other means, 116; (d) Total number of copies distributed, 3,602. I certify that the statements made by me are correct and complete.

(Signed) Ann Stacy
Managing Editor

Monthly Bulletin, Michigan Society of Architects, is published monthly at 28 West Adams, Detroit 26, Michigan. Paid as second class matter January 15, 1946 at the Post Office at Detroit, Michigan under Act of March 3, 1879. Subscription price, $4.00 per year (members $2.00). 50 cents per copy.
During the early planning stage of the new Lumen Christi High School, the architects, engineers and Consumers Power Company representatives discussed the school's energy requirements. Their objective was to determine the most efficient route for electric and gas service—to try and find a solution that would be both economical and aesthetically pleasing. The answer, which saved valuable floor space and intensified the school's design, was a hidden outdoor utility service center. Electric and gas representatives throughout the Company's service area will be pleased to assist you.

Call or write George C. Way, Consumers Power Company General Offices, 212 W. Michigan Avenue, Jackson, Michigan Phone (517) 788-0802; or Marketing Department at any of the Company's 15 Division Offices.
New from McKinley

decorative architectural

PLASTIC Panels—

your own custom design!

"One Reliable Source for Design—Fabrication—Installation!"

Give You Many Choices

in design—use—color—fastening—finish

Manufacturers of Architectural Metal and Plastic Specialties and Sun and Weather Control Products

Custom Metal Products

Phone or Write today for Complete Specifications Bulletin

o. o. McKinley co., inc.

4530 North Keystone Ave. • Indianapolis, Indiana 46205

Telephone 317-546-1573
The heat at Continental Plastics is electric. Heat for people. For production. The most comfortable and efficient heat. Ask Continental Plastics. They manufacture a variety of plastic products, from milk carton cases to mortar shell holders. They know that when you use some of the largest screw-ram presses in existence, you need electric heat. Heat to keep plastic pellets free-moving from central storage bins to the molds.

Continental Plastics heat their entire office area and plant electrically. It's cleaner. More economical. More efficient. Above huge shipping doors, radiant electric heat is the most practical way to keep comfort in, cold out. For process heating, for comfort heating, Edison will work with your engineer, architect or consultant. In Detroit, call 962-2100, ext. 2861. Elsewhere, phone the nearest Edison office.

EDISON
ANNCR:

Here's a money making recipe: - Take an older commercial building or structure - add in the skills of architect and engineer - and mechanical contractor . . . and you can end up with a completely modern structure capable of helping your own organization function more profitably . . . or of attracting good, revenue producing tenants. Many older commercial structures, you see, are basically sound. But so many recent developments have taken place in plumbing, heating and air-conditioning that a building may be out-dated! Put in the hands of your architect-engineer, however, that out-dated building can enjoy a face lifting - a new, modern facade to enhance its physical appearance. And, inside, the heart of the structure can be made as modern as tomorrow with a modern heating system . . . air-conditioning - sparkling new restrooms, lavatories, plumbing facilities. Know of a sound, but outdated older building? Let your architect, engineer - and mechanical contractor team up to turn it into a modern money-maker for you ... now!

WE KEEP SAYING THIS OVER AND OVER AGAIN

Plumbing & Heating Industry of Detroit
Representing the people who do pipe work and plumbing
14901 Meyers Road • 273-4700
Meet Roger Wently.
He's rich.
He's charming.

And his employees hate him.

You see, Roger owns his own business. Employs over 200 people. And these people are always a little cold in the winter. And a little hot in the summer. Result: They take it out on Roger. They call him a slave driver. A tyrant. And other assorted nicknames. And it's really too bad. Because Roger Wently could be loved by all. If only he'd convert that building to Gas.

Here's why.
Gas heat and air-conditioning can make a terrific difference in employee morale and efficiency. In the winter, Gas can handle the biggest heating jobs. Thoroughly. Effectively. And for less money. In the summer, Gas air-conditioning can beat the heat like nothing else. It's just the very best there is. And really pays off in production come July and August.
So if you're rich and charming, why not be a hero besides? All it takes is Gas. It can make one heck of a difference. Try it and see.
WHATEVER THE JOB...

Miller has a team of irrigation specialists to perform it . . . Expertly! Where ability and reliability count most in sprinkler irrigation systems . . . that's where you will find the Miller team. Miller has four groups of specialists that embody a total capability in the field of sprinkler irrigation . . . In short . . . the works! THE TURF SUPPLY DIVISION, Sprinkler Irrigation Supply Company, is well known in the industry as Sisco. It is a veritable supermarket for sprinkler irrigation supplies . . . Top quality products manufactured by leaders in the industry. Sisco and its dealers stock a broad range of these products because they know that one system can't solve all problems.

THE CONTRACTING DIVISION, Miller Sprinkling Systems, is unique in this industry. Each important phase of an installation is handled by specialists with years of experience . . . backed up by the most extensive line of specialized irrigation installation equipment known in the industry.

THE AGRICULTURAL DIVISION of Sprinkler Irrigation Supply Company sells, services and installs aluminum portable pipeline systems and mechanical move sprinklers.

THE DESIGN DIVISION, Irrigation Design Associates, brings 40 plus years of experience to bear on design problems and tailors irrigation systems to customer needs.

THE RESULT: Irrigation systems engineered and guaranteed to give you the best possible water distribution, with maximum dependability and minimum operating expense.

Contact Miller today and find out what sprinkler irrigation can do for you!

A. J. MILLER, INC.
1320 NORTH CAMPBELL RD.
ROYAL OAK, MICHIGAN 48067

Sprinkler Irrigation Supply Co.
(313) 548-7272
Miller Sprinkling Systems
(313) 398-2333
Agricultural Division
(313) 548-7272
Irrigation Design Associates
(313) 398-2333

Sprinkler Irrigation: Golf Courses, Industrial, Commercial, Civic, Residential
Agricultural Irrigation: Food Production, Frost Protection, Sod Production
Waste Disposal: Food, Industrial, Sanitary Waste Processing
Portable Pipelines: Dewatering, Temporary Water Lines

Buckner and Johns-Manville materials
To bring you one stop shopping!

And with good reason—as improvements in block making techniques were developed, they were incorporated at DeClerk. But these advancements did not stop with concrete block!

As the industry recognized in theory, that long span bridges and ultra free-span ceilings could be accomplished through the use of concrete . . . . A DeClerk subsidiary was established and geared for production to make this construction a reality.

And again with good reason—as more and more forward looking firms discovered that prestressed concrete could offer the advantages of reduced construction costs by permitting more effective, quicker erection, lower insurance costs, and reduced maintenance . . . . they looked to the leader for assistance.

DeClerk responded by increasing its manufacturing capacity and enlarging its fleet size to deliver the products you want, when you want them.

Call us at 757-3808, you’ll be glad you selected DeClerk as part of your team.
Flint Architectural Golf League Gives Scholarships

Continuation of college scholarships for two architect students was assured Wednesday, Feb. 5, when a check for $1,000 was presented to David L. Hanoutte, president of the Flint Area Chapter of the American Institute of Architects (AIA) from the Flint Architectural Golf League.

The funds are proceeds from the Golf League’s 1968 activities. The League has 148 dues-paying members representing various groups in the building trades industry.

The Flint Area Scholarship Fund was established in 1962 and has been financed with funds derived from Chapter Awards Programs and Chapter Joint Projects.

A recipient of the scholarship receives full college tuition for five years, contingent on maintaining proper academic achievement. The scholarships are open to students from Genesee, Lapeer and Shiawassee counties.

The present recipients are Gregory C. Schulz, son of Mrs. Martha A. Schulz, and Warren G. Stocker, Jr., son of Mr. and Mrs. Warren G. Stocker, both of Flint.

Schulz is a fourth year student at the College of Architecture and Design, University of Michigan. Stocker is a first year student at the School of Architecture, University of Detroit.

Willis Anderson of Owosso was the first scholarship recipient. He was graduated from the University of Michigan School of Architecture last June and now is serving a tour of duty in the Army.

Computer Course For Designers

The Engineering Summer Conferences of the University of Michigan are offering a course in Computer Graphics for Designers intended to introduce designers in engineering architecture and related fields to elementary computer graphics as aid in improved design methods. In addition to lecture, the course will include workshops with emphasis on individual instruction. No previous experience with computers is necessary.

Guest lecturers for the course include: Professor Brice Carnahan, Department of Chemical and Metallurgical Engineering, University of Michigan, Professor Andries Van Dam, Computation and Information Center, Brown University, S. H. Chasen, Research Laboratories, Lockheed-Georgia, Professor Steven A. Coons, Department of Mechanical Engineering, M.I.T., Carl Machover, Vice President, Marketing, Information Displays, Inc., Dr. Fontaine Richardson, Senior Staff Scientist, Lincoln Laboratories, Thurber Moffett, Senior Engineering Staff for Man-Computer Interactive Systems, TRW Systems, Inc.

Course dates are June 9 through June 20, 1969, the fee is $450.00. Additional information may be obtained by writing to Engineering Summer Conferences, Chrysler Center, The University of Michigan, Ann Arbor 48105.

Great Lakes Fabricators and Erectors Association, whose major interest is the expansion of markets for steel building products through technical and educational services, maintains offices at 519 New Center Building, with J. Gardner Martin, Executive Director. The Association represents 67 fabricators and erectors of structural steel and manufacturers and erectors of metal building products.

Kent Mental Health Unit Names Chief

Brice McMillen of the Grand Valley Chapter has been elected president of the board of the Kent County Mental Health Center, succeeding Robert J. Amsterburg.

The center, funded under the state Community Mental Health Services Act, serves as a clinic for disturbed adults, on a self-referral basis or at recommendation of a physician.

Hobbs Designs Ann Arbor Computer Center

Com-Share, Inc., nationwide time-sharing computer service firm, has begun construction of a large computer center in Ann Arbor, Michigan. The 16,000 square foot building, scheduled for completion in early Spring of 1969, is designed to house up to ten time-sharing computer systems and an advanced research computer. Architects for the building are William S. Hobbs & Associates. The contractor is R. T. Mitchell Construction Company in conjunction with Commercial Development, Inc.

The new Ann Arbor computer facility will consolidate Com-Share’s midwestern and mideastern operations. The company feels this will result in lower operating costs, greater control over computer operations, and increased system reliability and efficiency.

The new center marks a significant step in Com-Share’s growth. The company, which began with one computer center in Ann Arbor in 1966 now runs two time-sharing centers in New Jersey and another in Chicago in addition to the Ann Arbor center. A total of six computer systems are used at the four locations, with another scheduled for delivery to the new center.

Prior to the decision to locate a centralized computer facility in Ann Arbor, several alternative sites were...
BOOTH 61

At the M.S.A. convention is the "in" place to learn all about

ROOFING INSPECTION

Our inspectors are:
- Field-Trained
- Thoroughly Experienced
- Application Oriented

*WE GUARANTEE PERFORMANCE

*D.R.I.S. is the only ROOFING INSPECTION SERVICE available to Architects, Contractors and others which fully guarantees performance of roofing systems covered by the M. R. C. A. two year warranty.

Visit booth 61 and learn how we can help you solve moisture protection problems.

For LEAK-PROOF roofs specify

Detroit Roofing Inspection Service Inc.

Lower Level "A" Consolidated Agencies Bldg.
Burns Drv. at E. Jefferson Detroit 48214 VA. 2-3362
Mervin E. Smith, Genl. Mgr.

evaluated. The selection of Ann Arbor was based on its strategic location, the ready supply of services in the area, and the availability of trained technical personnel. Com-Share presently employs about 100 people in the Ann Arbor area and almost another 100 at sales offices across the country.

Com-Share's future plans include building administrative offices to adjoin the computer site. At present, the company's corporate and divisional activities are administered from four different locations in Ann Arbor. Regional and district sales office are maintained in major metropolitan areas from Boston to San Francisco.

Rossetti Named by AIA

L. A. (Gino) Rossetti, AIA, vice president of architecture and design of Giffels & Rossetti, Inc., has been appointed to two committees of the American Institute of Architects.

George E. Kassabaum announced that Rossetti will serve as a member of the International Relations Committee and as a contributing member of the Committee on Architecture for Commerce and Industry, which he formerly chaired.

Rossetti, in 1968, was the chairman of the Michigan Society of Architect's convention and is serving this year as an advisor.

Also in 1968, he chaired a seminar held in Detroit at which the Union of International Architects met. The UIA is comprised of professionals practicing in 75 countries. During this seminar, Rossetti was appointed chairman of the UIA Commission on Industrial Architecture, a first for the United States.

Popkin Named to AIA Health Committee

Samuel D. Popkin, of Albert Kahn Associated Architects and Engineers, has been appointed a Contributing Member of the Committee on Health Environment of the AIA.

A recognized authority on hospital design, Popkin has been in responsible charge, over the years, of a host of
Guardsman Chemical Coatings Inc. 1350 Steele, S.W., Grand Rapids, Michigan 49502

NATIONALLY RECOGNIZED
MICHIGAN MADE
CHEMICAL COATINGS
FOR ANY PROJECT:

INDUSTRIAL
COMMERCIAL
INSTITUTIONAL
RESIDENTIAL

COMPLETE LINES:

Interior & Exterior Paints
Protective Maintenance Finishes
Special Technical Coatings

CONTRACTOR APPROVED:

Exceptional Durability
Ease of Application
Decorator Colors
(Stock & Custom)
Sure Availability

Since 1915, creators and
manufacturers of quality coatings
— Guardsman is one of America's twenty largest
chemical coatings firms.

AKA-designed health facilities, including the new Children's Hospital complex which is under construction in Detroit's new Medical Center and the recently completed C. S. Mott Hospital at the University of Michigan in Ann Arbor.

Popkin has been a member of the Detroit Chapter of the AIA for more than twenty years and since 1962 has served on the AIA committee concerned with health environment. He is a member of the AIA/AMA Committee on Environmental Health and formerly served as Chairman of the Committee on Health Environment of the Detroit Chapter of AIA.

He is a member of the American Association for Hospital Planning, the National Sanitation Foundation Joint Committee on Hospital and Laboratory Equipment, and the Hospital and Institution Advisory Committee charged with re-writing hospital and institution regulations for the State of Michigan.

Wilkie Named Associate

Jack Weston Yops, Architect, AIA, Wyandotte, Michigan, has named John S. Wilkie an Associate.

Wilkie, a graduate of Lawrence Institute of Technology, was employed by Smith, Hinchman & Grylls, Inc., Architects, Engineers, and Planners, Detroit, Michigan and Minoru Yamasaki & Associates, Architects, Troy, Michigan, prior to joining the Wyandotte firm in 1967.

William E. Korte Elected President

William E. Korte, has been elected President and Treasurer of the construction firm of Maurice V. Rogers Co., Inc. He will also continue as a Director.

Maurice V. Rogers, former President and Founder of the firm in 1937, was elected Chairman of the Board. He will continue to serve in a semi-active and advisory capacity.

The other newly elected officers are V. L. Rogers, Vice President and Director; Ray Poirier, Vice President and P. (Pai) Misztura, Secretary and Director.
Detroit Architectural Golf League

The DAGL announces its 1969 program: April (during the 1st week) Tee-Off & Dinner at the Beach Grove Golf & Country Club, Tuesday, May 20, Bay Pointe Golf & Country Club; Tuesday, June 10, Indianwood; Tuesday, July 8, Shenadoah; Friday, August 15, St. Clair Country Club; Friday, September 12, Beach Grove Golf & Country Club; Tuesday, October 7, Dearborn Country Club; and Friday, November 7, a Dinner Dance will be held at the Raleigh House. For more information contact: Victor Specht — 547-6880.

New Location


WALD Party

Women's Architectural League of Detroit announces the 'Ladies Champagne Brunch and Fashion Show' to be held Friday, March 21, 1969 in the Ballroom of the Statler Hilton Hotel, Detroit.

Held as a part of the 55th Annual MSA Convention the Champagne Hour will begin at 10:30 A.M. thru the courtesy of party Hosts: J. M. Power Company, Unistrut Corporation, Dow Chemical Company, and Michigan Asbestos Products.

Luncheon will be served at 11:30 A.M. and a fashion show by Michelle’s Boutique of Grosse Pointe will be the highlight of the affair.

The Door prizes are furnished with the compliments of the Detroit Edison Company.

Tickets are $6.50 per person, tables will seat eight. Please mail your check for reservations to Mrs. Hideo Fujii, 20002 Ronsdale Drive, Birmingham 48010 or Mrs. Norman Skruch, 23953 Fordson, Dearborn, 48124.

Plans for Ontario Colleges Revealed

Master plans for one of the first of 19 Colleges of Applied Arts and Technology proposed for the Province of Ontario have been revealed by Eberle M. Smith Associates, Inc., Architects and Engineers.

The initial project will be the St. Clair College of Applied Arts and Technology, located on a 100 acre site in Windsor. It will serve mainly the counties of Essex and Kent. The College is designed for an initial enrollment of 3,400 students and an ultimate enrollment of 5,000 students.

Similar to the community college idea in this area, the concept will fill a void for 85 per cent of students going through secondary school courses who may be hampered from continuing their education by a lack of funds or other problems.

Courses and educational programs will be offered by the College for the education and training of craftsmen, technicians and technologists for those occupations which are growing most rapidly requiring highly skilled manpower.

Construction of Phase 1 has commenced and is expected to be completed by the end of 1970. Portions of the building as completed are being occupied by the College. Phase 2 of the Project will include the library, theatre/auditorium and the north-east wing.

Monthly Bulletin

Student Officers

The University of Michigan Student Chapter of The American Institute of Architects announce the election of its officers for the year 1969. President, Dennis M. King; Vice-President, Douglas R. Wasama and Secretary-Treasurer, John J. Hinkley.

when an architect plans for the future...

he selects building materials very carefully. A ceramic tile contractor will be pleased to explain how quality products and professional installation methods produce lasting effect.

PICTURED: St. Regis Church, Birmingham. Begrow & Brown Architects, Inc., Planners and Engineers

CERAMIC TILE INSTALLED: Stoneware tile in narthex and baptistry; ceramic tile walls and floors in laboratories.
Revolving Art at U of M

A revolving steel cube, the work of New York sculptor Bernard Rosenthal, has been installed in the new plaza at The University of Michigan. Workmen used a crane to lower the 2,300-pound art work onto a steel shaft after it was brought to Ann Arbor by truck. The unnamed 15-foot-high sculptor is fashioned of quarter-inch Corten steel painted black. It revolves on ball bearings at the slightest shove by a passing student. Rosenthal, a 1935 graduate of U-M, contributed his time and art to the University. The cost of materials was borne by the Class of 1965, as a class gift, and by the University. Rosenthal’s work is similar to U-M’s new Administration Building in spirit, and also resembles one of his New York sculptures.

Korab Returns

Baltazar Korab, architectural photographer, has returned to Michigan from a two-year sabbatical in Italy.

The author of the photographs in the Frank Lloyd Wright feature in this issue, Korab is a recipient of the AIA Gold Medal and is well-known for his architectural photographs published in leading journals around the world.

Currently, Korab is working on several books as the result of his Italian visit; one with Astra Zarina, a former Michigan Architect now living in Rome and another in cooperation with Norman Carver, Jr. of Kalamazoo.

With his former assistant Dan Bartush, Korab is now resuming his practice of architectural photography at 17055 Livernois, Troy, Michigan (313) 689-5232.

The Bulletin will feature the work of Baltazar Korab in the April issue.

New Corporation Formed

Kammeraad & Stroop, AIA, Architects are pleased to announce the ad-
dition of Paul L. van der Leek as a principal and the formation of a professional corporation to be known as Kammeraad-Stroop-van der Leek, Incorporated, Architects & Planners, 788 Columbia Avenue, Holland, Michigan.

Kaliszewski named associate

Ziegelman and Ziegelman, Architects of Birmingham announce that Ronald Walter Kaliszewski, A.I.A. has become an associate architect in the firm.

Structural Steel Fabricating Industry Reports 1968

As a Good Year

The structural steel fabricating industry has had a busy year in 1968, according to J. Gardner Martin, Executive Director of Great Lakes Fabricators and Erectors Association, and the industry is expected to continue on its present level well into 1969.

National figures released by the American Institute of Steel Construction estimate new orders in 1968 reached 4,800,000 tons, down two per cent from 1967 but consistent with earlier industry forecasts. Bookings for 1969 are forecast at 5,000,000 tons by AISC, about four per cent above 1968.

Industry shipments for 1968 are estimated at 4,500,000 tons and nearly match the highest ever recorded of 4,663,000 tons in 1966. In 1969 shipments are expected to reach 4,700,000 tons for a new record.

OBITUARY

William Edward Kapp, designer of the Buhl and the Union Guardian buildings and the Detroit Historical Institute, died February 6, 1969. He was 77 years old. Born in Toledo, Mr. Kapp graduated from the University of Pennsylvania in 1917. He was a past president of the Detroit Chapter of the American Institute of Architects, a member of the American Architectural Society, the Michigan Architectural Society and American Legion, Rubican Lodge No. 237 F. & A.M. He is survived by his wife Helen J. and a son John.

CLASSIFIED

Architectural Draftsman; Experienced only. Diversified projects of contemporary design in educational, institutional and commercial. Many personnel benefits. Insurance, vacations, and profit sharing. Excellent working conditions. Spence, Smith and Forsythe, Architects; 1241 No. Michigan Avenue; Saginaw, Michigan 48602. Phone (517) 753-3401.

CALENDAR

1969

March 19, 20, 21
55th Annual MSA Convention
Statler Hilton Hotel, Detroit
March 19, 20
AIA-CEC Legislative Conference
Mayflower Hotel in Washington, D.C.
March 21
WALD MSA Convention
Michelle’s Boutique of Grosse Pointe—Fashion Show
April 5
Tri-School AIA Detroit Chapter Dinner Meeting held at Lawrence Institute of Technology
April 15
WALD 10:00 A.M. Meeting at Detroit Institute of Art, Holley Memorial Lecture Room
11:00 A.M. Gallery Lecture
“The Fisher Family Gifts” Lunch in the Kresge Court
May 20
WALD 10:00 A.M. Meeting at Detroit Institute of Art, Holley Memorial Lecture Room
11:00 A.M. Gallery Lecture
“Graphic Arts of Winslow Homer” Lunch in the Kresge Court
May 25
WALD Meadow Brook Theatre “Saint Joan” by George Bernard Shaw
June 22-26
National AIA Convention—Chicago
August 7, 8, 9
Mid-Summer Conference—Mackinac Island
MICHIGAN SOCIETY OF ARCHITECTS

MARCH 19-20-21
1969

MICHIGAN SOCIETY OF ARCHITECTS

Hideo Fujii
Chairman

Lyn E. Graziani
Vice-Chairman

William Quinlan
Exhibits

Frank Klaetke
SMEAD

Frank North
Prizes

Adam DeMartino
Prizes

Carl Follmer
Producers Council

Harold Binder,
Students

Debra Baiter
Graphics

Elmer Johnson
Publicity

Louis A. Rossetti
Advisor

55th ANNUAL CONVENTION
STATLER HILTON HOTEL

URBAN CHALLENGE

MARCH 19-20-21
1969

MSA | 17
Wednesday, March 19

10:00 A.M. Exhibitor Registration Open
12:00 Noon Member Registration Open
   Member Registration: $20.00
12:00 Noon Luncheon & Tour of Exhibits
   MSA Board of Directors and Convention Committee—English Room
2:00 P.M. Judging of Exhibits for Awards
   by Chapter Presidents
5:30 P.M. “Ground Breaker” in Exhibit Area
8:30 P.M. “On The Town”

Thursday, March 20

10:00 A.M. Exhibits Open
12:00 Noon 2nd Annual Awards Luncheon
   SMEAD Draftsmen’s Competition Winners
2:00 P.M. First Seminar—Wayne Room
   Student Views on the Architects Role in the Urban Challenge
   Moderator: Prof. Stephen Paraskevopoulos
6:00 P.M. Cocktails with Exhibitors
   Prize Drawings in Exhibit Area
7:30 P.M. Dinner—Ballroom
   Statler Hilton Hotel
8:30 P.M. Urban Challenge
   The Honorable William Milliken
   Governor of Michigan
Friday, March 21

10:00 A.M. Exhibits Open
Seminar II—Michigan Room
Model Cities Program & the Urban Challenge
Speaker: David Cason, Director
Model Cities Program
Moderator: Gerald Crane, AIA
Panel: Charles Blessing, FAIA, Director
City Plan Commission
Bernard Coker, Regional Assistant, Detroit Board of Education
Robert Knox, Director
Detroit Housing Commission

Ladies Luncheon
12:00 Noon WALD Fashion Show & Luncheon
Ballroom Statler Hilton Hotel

12:00 Noon Cocktails & Luncheon in Exhibit Area with Exhibitors
Prize Drawings

2:00 P.M. Seminar III—Michigan Room
Urban Environment, Regional Planning, and New Towns—Urban Challenge
Moderator: William Johnson
Panel: Irving Rubin, Director, TALUS
Frank Bennett, Director
Wayne County, Planning Commission
David Cason, Director
Model Cities Program

5:00 P.M. Cocktails and Final Prize Drawing in Exhibit Area

7:00 P.M. President’s Reception sponsored by The Producers Council, Michigan Chapter, Don Forrest, president

8:00 P.M. Annual Awards Banquet
Grand Ballroom
Awards—Grand Ballroom
Jackson B. Hallett, AIA
President MSA
Honored Guest: George Kassabaum, FAIA
President, The American Institute of Architects
MSA Awards Presentation
EXHIBITORS
55TH ANNUAL MSA CONVENTION

MSA Members:
To be eligible for prizes this listing of exhibitors must be signed by the representative of each and every display.

Aluminum Supply Co., Inc.  L. C. N. Closers Inc.
American Plywood Association  Levy, Edw. C. Company
American Saint Gobain Corp.  Martin, J. Robert Inc.
Beaver Distributors  Medusa Portland Cement Company
Brick Craft, Inc.  Michigan Consolidated Gas Co.
Builders Exchange  Miller, Herman, Inc.
Central Cleaning Sales Co.  Modernfold Door Distributors of Mich.
Century Brick Co.  Moynahan Bronze Company
Co-Polymer Chemicals, Inc.  Pennsalt Chemicals Corp.
(J. Petrucci & Sons)  PPG Industries, Inc.
Cupples Products Division  Plumbing & Heating Industry of Detroit
HH Robertson Company  Precast/Schokbeton Inc.
Detroit Edison Co.  Republic Steel Corporation
Detroit Roofing Inspection Service  Rogind-Parker, Inc.
Dodge, F. W.  Rontel, Stanley
Dow Chemical Company  Russwin, Div. of Emhart Corp.
Dunn, Blue Print  Schultz, Snyder & Steele Lumber Co.
Face Brick, Inc.  Showcase Corporation
Georgia Pacific Corporation  Slavin Koerts, Inc.
Hay-Con Tile Co.  Soil Control Co., Inc.
Hillyard Floor Sales  Spigelmyer & Son, Inc.
Kawneer Company, Inc.  Texas Instruments, Inc.
Kinney Vacuum Coating Dept.  Weyerhaeuser Company
General Signal Corp.  Wilson Research, Inc.
Knoll Associates  Wolverine Porcelain Enameling Co.
Letters

Mr. Bill King
Saginaw Dodge, Inc.
2063 N. Niagara
Saginaw, Michigan

Dear Bill:

As you requested, enclosed is a picture of our hero, Jackson B. Hallett, AIA, a local Midland Architect who was recently elected President of the Michigan Society of Architects, receiving his white hat. I am the guy on the left congratulating Jack as Doug Morris, AIA and Fred Wigen, AIA look on.

We in the local Chapter felt that the only way to honor this great achievement was to give him one of your “Good Guy White Hats”. We also gave him a pistol to remind him to be a straight shooter, a lariat to rope in the best organizational personnel, and some spurs to get the top performance out of everyone in his administration. Needless to say, Jack was pleased as punch at the unique “White Hat Award” and we are most indebted to you and all the Good Guys of the Dodge Motor Division of the Chrysler Corp. for your fine contribution to this happy event.

Sincerely,
Arthur E. Nelson, AIA, President
Saginaw Valley Chapter AIA

The Bulletin welcomes articles for publication from its readers. Manuscripts should be accompanied by a post paid self addressed envelope and sent to: Dept. E. Monthly Bulletin, 28 West Adams, Detroit 48226. Any photos must be properly identified by typed, gummed labels affixed to the reverse side.

Cover designs may be submitted as tissue rough or photo copies—not finished art.
let’s get concrete about asphalt base

Most of us are creatures of habit.

In specifying concrete, we are careful to spell out a mix that makes for a foolproof product. When it comes to asphalt . . . we-l-l-l, we make sure it’s black.

Lack of definition on asphalt terms doesn’t help matters. The phrase “hot mix asphalt base” has been variously labelled “Deep Strength”, “Black Base”, “Total Asphalt”, and “Full Depth”, among others. HMAB covers a multitude of sins.

How deep is deep? What determines stability? How do you define quality? And how does one equate the diverse collection of mongrel mixes with the high quality, tightly controlled bituminous concrete used as a base course material in the AASHO road tests?

It’s time to get concrete about asphalt. There is a world of difference in the performance of bituminous base course materials. The ultimate measure of excellence in any asphalt pavement depends primarily on the quality and gradation of the aggregates.

Concrete cylinders are tested to determine their compressive strength. In cylinder “A”, using an unscientifically designed mix, the cylinder broke at 1,600 psi. **In cylinder “B”, with cement, aggregate, water and proportioning carefully controlled to exact formulation and mix, the cylinder resisted a pressure of 3,000 psi without breaking.**
These two "cookies" were tested for the comparative strength of asphaltic mixtures, using the Marshall method of design and test procedures. Specimen "A" consisted of a dense graded plant mix containing no crushed aggregates. It failed at 450 in the Marshall testing machine. Specimen "B" was designed as a carefully graded hot plant mix with 100% crushed aggregates. It survived a Marshall test load of 2,400.

**Specimen "A"**

**Specimen "B"**

**It's not how deep you make it, it's how you make it deep**

**EDW. C. LEVY COMPANY**
Sample our work...

The Stroh Brewery Company did. They brew volumes of beer whose flavor is protected by the finest process-piping system available.

Glanz & Killian did the complete process-piping job in Stroh's most vital beer brewing components—the Brew House, the Stock Cellars, and the Packaging department.

No matter what demands you're planning to place on your piping system, give us a call. We have the experience, the skill and the manpower to install the mechanical work best suited to your particular job.

Glanz and Killian

COMPLETE MECHANICAL CONSTRUCTION

18655 W. Eight Mile Road • Detroit, Michigan 48219 • Telephone 255-2400
THE SIGNIFICANCE OF FRANK LLOYD WRIGHT

Mr. Wright was born June 8, 1869 and died March 9, 1959. The Michigan Society of Architects is proud to republish this, the December 1959 Issue of the Monthly Bulletin, to commemorate the 100th Anniversary of Mr. Wright's birth and to document that part of his 90 vigorous years which was devoted to the projects in the State of Michigan.

Just 10 years after his death we find students asking, "Who was Frank Lloyd Wright?" This question deserves to be answered completely. It is hoped that this publication will help to define the significance of this unique American. Great appreciation is hereby expressed to Mr. Korab for the photography, to Mr. Feddersen for the cover and frontispiece, and to the several members of the Saginaw Valley Chapter of the A.I.A. who assisted in the preparation of this issue.

History has already recorded the courageous fight led by Mr. Wright against neo-classicism and eclecticism at the turn of the century. More than any other individual he is responsible for the break with tradition and the promotion of contemporary architecture throughout the world. His numerous innovations during nearly 70 years of practice are now an integral part of our daily lives.

Mr. Wright's life is a dramatic illustration that "truth is stranger than fiction". Though some aspects of his personal life may not elicit praise, the impact of his genius upon our society cannot be denied. His autobiography holds great insight and inspiration for all who read with understanding.

It is said that "imitation is the sincerest form of flattery". Mr. Wright would not be flattered. It is unfortunate that many close to him were blinded by his brilliance and they evolved as imitators of his forms. The true significance of his work lies in written word, and which he transformed into an indigenous architecture. As our architectural age of mechanization and experimentation becomes more mature, we will no doubt turn with greater appreciation to these natural human principles. His influence continues as our legacy.

Robert G. Bell, A.I.A.
March 1969
FRANK LLOYD WRIGHT DESIGNED A COTTAGE FOR THE WALTER GERTS FAMILY IN 1902 TO BE BUILT AT WHITEHALL AMONGST THE BIRCH AND PINE WOODS OF THE SANDY DUNELANDS OF WESTERN MICHIGAN. SEQUESTERED IN THE TREES AND CONSTRUCTED OF ROUGH-SAWN HORIZONTAL BOARDS AND BATTENS STAINED A NATURAL BROWN, THE HOUSE WAS AMONG THE FIRST EXPRESSIONS OF THE COUNTENANCE OF PRINCIPLE WHICH CHARACTERIZES AN ORGANIC ARCHITECTURE.

AS YEARS WENT ALONG MORE AND MORE ENLIGHTENED MEN AND WOMEN OF MICHIGAN CAME TO TALIESIN SEEKING AN INDIGENOUS ARCHITECTURE FOR THEIR HOMES, WITH THEM THEY BROUGHT SURVEYS OF THEIR LAND—LAND DISTINGUISHED BY SMALL LAKES AND LOW WOODED HILLS, CHERRY, PEACH, PEAR AND APPLE ORCHARDS; AND OF COURSE BY THE GREAT LAKES THEMSELVES, THE PRESENCE OF WHICH IS ALWAYS FELT IN THE LANDSCAPE OF MICHIGAN.

WITHIN THE LAST DECADE PARTICULARLY, MR. WRIGHT DESIGNED MORE HOMES FOR THIS NEIGHBOR STATE OF OURS THAN FOR ANY OTHER ONE PART OF THE COUNTRY. THE COMMUNITIES HE PLANNED FOR PARKWYN VILLAGE IN KALAMAZOO AND THE GALESBURG HOMES NEAR KALAMAZOO ARE THRIVING TESTIMONY OF THE INEVITABLE DECENTRALIZATION MR. WRIGHT PROPHESIED IN HIS BOOK, "THE LIVING CITY."

THOUGH THE GREAT PRINCIPLES OF ORGANIC ARCHITECTURE CONCEIVED AND BUILT BY FRANK LLOYD WRIGHT HAVE SPREAD THROUGHOUT THE WORLD, THEY ARE MOST FIRMLY ESTABLISHED IN THE FARMLAND, THE WOODED HILLS AND THE VALLEYS OF AMERICA'S OWN GREAT STATES, AND MICHIGAN WILL REMAIN FOREVER MARKED BY THE NATURAL BEAUTY OF A LIVING ARCHITECTURE.

EUGENE MASSELINK, SECRETARY TO THE FRANK LLOYD WRIGHT FOUNDATION.

ALL PHOTOGRAPHY IS THE WORK OF MR. BALTAZAR KORAB OF BIRMINGHAM, MICHIGAN.

COVER AND FRONTISPIECE DESIGN IS THE WORK OF PHIL H. FEDDESEN, A.I.A.

THIS ISSUE WAS CONCEIVED AND PREPARED BY THE SAGINAW VALLEY CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS UNDER THE DIRECTION OF ROBERT GENE BELL, A.I.A.
MR. AND MRS. CARL WALL HOUSE . . . NAMED "SNOWFLAKE" . . . BECK ROAD PLYMOUTH 1941
MEYER MAY HOUSE . . . PRESENTLY MR. AND MRS. C. B. NEWCOMB . . . 450 MADISON AVE. S.E. GRAND RAPIDS 1909
### THE ARCHITECTURE OF FRANK LLOYD WRIGHT IN MICHIGAN

**COMPLETE LIST OF HOMES CONSTRUCTED....HOMES LISTED IN RED ARE IN THIS ISSUE**

<table>
<thead>
<tr>
<th>Year</th>
<th>Last Name, First Name</th>
<th>Address</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1902</td>
<td>GERTS, WALTER S.</td>
<td>BIRCH BROOK</td>
<td>WHITEHALL</td>
</tr>
<tr>
<td>1902</td>
<td>GERTS, GEORGE E.</td>
<td>BIRCH BROOK</td>
<td>WHITEHALL</td>
</tr>
<tr>
<td>1902</td>
<td>HEURTLEY, ARTHUR</td>
<td>&quot;LES CHENEAUX CLUB&quot;</td>
<td>MARQUETTE ISLAND</td>
</tr>
<tr>
<td>1909</td>
<td>MAY, MEYER</td>
<td>450 MADISON AVE. S.E.</td>
<td>GRAND RAPIDS</td>
</tr>
<tr>
<td>1910</td>
<td>AMBERG, J. H.</td>
<td>505 COLLEGE AVE.</td>
<td>GRAND RAPIDS</td>
</tr>
<tr>
<td>1916</td>
<td>YOSBURGH, ERNEST</td>
<td>CRESCEINT ROAD</td>
<td>GRAND BEACH</td>
</tr>
<tr>
<td>1916</td>
<td>BAGLEY, JOSEPH J.</td>
<td>LAKEVIEW AND CEDAR AVE.</td>
<td>GRAND BEACH</td>
</tr>
<tr>
<td>1916</td>
<td>CARR, W. S.</td>
<td>LAKEVIEW AND PINE AVE.</td>
<td>GRAND BEACH</td>
</tr>
<tr>
<td>1921</td>
<td>GALE, MRS. THOMAS H.</td>
<td>BIRCH BROOK</td>
<td>WHITEHALL</td>
</tr>
<tr>
<td>1936</td>
<td>ROBERTS, MRS. ABBY B.</td>
<td>R. F. D. I</td>
<td>MARQUETTE</td>
</tr>
<tr>
<td>1939</td>
<td>GOETSCH-WINKLER</td>
<td>HULETT ROAD</td>
<td>OKemos</td>
</tr>
<tr>
<td>1941</td>
<td>AFFLECK, GREGOR</td>
<td>BECK ROAD</td>
<td>BLOOMFIELD HILLS</td>
</tr>
<tr>
<td>1941</td>
<td>WALL, CARL D.</td>
<td>2527 ARROWHEAD ROAD</td>
<td>OKemos</td>
</tr>
<tr>
<td>1947</td>
<td>BRAUNER, ERLING</td>
<td>2527 ARROWHEAD ROAD</td>
<td>OKemos</td>
</tr>
<tr>
<td>1948</td>
<td>ALPAUGH, C. W.</td>
<td>NORTHPOR</td>
<td></td>
</tr>
<tr>
<td>1949</td>
<td>LEVIN, DR. ROBERT H.</td>
<td>2816 TALIESIN DRIVE</td>
<td>KALAMAZOO</td>
</tr>
<tr>
<td>1950</td>
<td>BROWN, ERIC V.</td>
<td>2806 TALIESIN DRIVE</td>
<td>KALAMAZOO</td>
</tr>
<tr>
<td>1950</td>
<td>McCARTNEY, DR. WARD</td>
<td>2662 TALIESIN DRIVE</td>
<td>KALAMAZOO</td>
</tr>
<tr>
<td>1951</td>
<td>GREINER, J. WARD</td>
<td>2617 TALIESIN DRIVE</td>
<td>KALAMAZOO</td>
</tr>
<tr>
<td>1951</td>
<td>WINN, ROBERT D.</td>
<td>2822 TALIESIN DRIVE</td>
<td>KALAMAZOO</td>
</tr>
<tr>
<td>1951</td>
<td>SMITH, MELWYN M.</td>
<td>5045 PON VALLEY ROAD</td>
<td>BLOOMFIELD HILLS</td>
</tr>
<tr>
<td>1951</td>
<td>PALMER, WILLIAM B.</td>
<td>227 ORCHARD HILLS DRIVE</td>
<td>ANN ARBOR</td>
</tr>
<tr>
<td>1951</td>
<td>EDWARDS, JAMES</td>
<td>ARROWHEAD ROAD</td>
<td>OKemos</td>
</tr>
<tr>
<td>1951</td>
<td>HARPER, MRS. INA M.</td>
<td>LAKE SHORE ROAD</td>
<td>ST. JOSEPH</td>
</tr>
<tr>
<td>1951</td>
<td>ANTHONY, HOWARD</td>
<td>1150 MIAMI ROAD</td>
<td>BENTON HARBOR</td>
</tr>
<tr>
<td>1951</td>
<td>PRATT, ERIC</td>
<td>11036 HAWTHORNE DRIVE</td>
<td>GALESBURG</td>
</tr>
<tr>
<td>1951</td>
<td>WEISBLATT, DAVID I.</td>
<td>11185 HAWTHORNE DRIVE</td>
<td>GALESBURG</td>
</tr>
<tr>
<td>1951</td>
<td>MEYER, CURTIS E.</td>
<td>11108 HAWTHORNE DRIVE</td>
<td>GALESBURG</td>
</tr>
<tr>
<td>1953</td>
<td>EPPSTEIN, SAMUEL</td>
<td>11098 HAWTHORNE DRIVE</td>
<td>GALESBURG</td>
</tr>
<tr>
<td>1955</td>
<td>GODDARD, LEWIS</td>
<td>BECK ROAD</td>
<td>PLYMOUTH</td>
</tr>
<tr>
<td>1956</td>
<td>TURKEL, DR. H. D.</td>
<td>SEVEN MILE ROAD</td>
<td>DETROIT</td>
</tr>
<tr>
<td>1957</td>
<td>SCHABERG, DONALD</td>
<td>1155 WRIGHTWIND DRIVE</td>
<td>OKemos</td>
</tr>
<tr>
<td>1958</td>
<td>SCHULTZ, CARL</td>
<td></td>
<td>BENTON HARBOR</td>
</tr>
</tbody>
</table>

In addition to the above list of 33 completed homes, there is a list of 26 uncompleted projects designed for Michigan by Mr. Wright. Most of these projects are of recent date and may be completed by the Taliesin associated architects under the direction of Mrs. Wright, Mr. William Wesley Peters, and Mr. Eugene Masselink.
Architect's wife invited all Precast/Schokbeton employees to formal dinner last week in appreciation of her first vacation in six years. The building was finished on time, thanks to prestressed concrete.
When you need assistance writing specifications for roofing, sheet metal or waterproofing jobs call on the R.I.P.F.

Our Technical Consultant is ready to assist you on matters pertaining to the moisture-protection phase of the work.

### Advertisers Index

- Belden Brick Co. ........................................ 3rd Cover
- Ceramic Tile Contractors Promotion Fund ................. 14
- Consumers Power Company ................................ 4
- Darin and Armstrong, Inc. ................................ 43
- Den Brazen, M. .............................................. 15
- De Clerk Industries, Inc. ................................... 10
- Detroit Edison Company ..................................... 6
- Detroit Roofing Inspection Service, Inc. ................. 12
- Dondoro Sash & Screen ..................................... 43
- Duncan, Walter J. Co. ....................................... 16
- Duwe Precast Concrete Products ......................... 44
- Eisen, Robert A. Associates ............................... 21
- Glanz & Killian ............................................. 24
- Great Lakes Fabricators & Erectors Assoc. .............. 2nd Cover
- Guardsman Chemical Corp. ................................. 13
- Kimball & Russell, Inc. ...................................... 15
- Levy, Edw. C. Co. .......................................... 22 and 23
- Michigan Asphalt Paving Assoc. ......................... 4th Cover
- Michigan Consolidated Gas Co. ......................... .9
- Michigan Drilling Co. ...................................... 21
- Medusa Portland Cement Co. ............................. 1
- Mechanical Heat & Cold .................................... 21
- Miller, A. J. ....................................................... 9
- McKinley, O. O. Co. ......................................... 5
- Plumbing & Heating Industry of Detroit .............. 7
- Precast/Schahbeton ......................................... 43
- Rogind-Parker, Inc. ......................................... 13
- Roofing Industry Promotion Fund ...................... 44
- Turner-Brooks, Inc. ............................................ 15

---

**NOW... a pre-cast concrete stadium**

**ERECTED AT ONLY $25.00 PER SEAT!**

**CAN BE INSTALLED QUICKLY ANYTIME...NOT DEPENDENT ON PERFECT WEATHER CONDITIONS**

If you are planning to build a new stadium, be sure to consider this new efficient low cost building concept. Our factory trained crew supervises all erection.

**) DUWE**

Precast Concrete Products, Inc.
P.O. Box 1277 • Oshkosh, Wisconsin 54901