In fire tests conducted by Underwriters' Laboratories, Inc., the Doxplank tested received a 4-hour rating as a noncombustible material.

The 4-Hour Fire Rating of Doxplank is of major importance to many building owners. For schools, hospitals, housing projects and office buildings, this highest fire rating can provide substantially lower fire insurance rates when compared to other floor and roof systems.

New Finished-Ceiling Doxplank also provides balanced sound control, excellent thermal properties, natural finished-ceiling beauty and a strong, lightweight concrete deck that can be installed in any season.

For complete information on Doxplank, call or write your local manufacturer listed below.

**Finished-Ceiling DoxPlank**

Manufactured By

WM. MOORS
CONCRETE PRODUCTS, INC.
Established 1953
31475 UTICA ROAD, FRASER, MICHIGAN, PRescott 5-7000

WESTERN
CONCRETE PRODUCTS COMPANY
510 5TH STREET, CADILLAC, MICHIGAN PRospect 5-3466
Electrician Howard Lamphier and apprentice Nino Como are shown here roughing in provisions for electric heating cables which will keep the tournier pedestrian bridge over the Southfield Expressway free from ice and snow.

HARLAN ELECTRIC COMPANY
6440 John C. Lodge Expressway, Detroit 2, Michigan, TRinity 3-5600
Pre-finished curtain wall panels by Mahon can be specified in a virtually limitless variety of colors. The curtain wall coating requires no further finishing treatment—it is complete as erected and ready to provide years of maintenance-free beauty and protection.

Mahon curtain wall is available in steel or aluminum, in several styles, in field-constructed or pre-fabricated form, in two or three hour Underwriters fire rating, and in a wide variety of standard as well as custom colors. Erection is a simple operation and can be handled by your local contractor or, if you prefer, can be arranged through Mahon. Call your local Mahon representative today for full details.

Power House, Central Michigan University, Mt. Pleasant, Michigan.
Blue Porcelainized Aluminum Curtain Wall by Mahon
Letters

BULLETIN:
After attending the Michigan Society of Architects 48th Annual Convention at Detroit, I was very much impressed with Seminar III, "The New Profession." I especially like the idea of the package deal headed by an Architectural firm on architectural building projects.

I feel that my firm has a smaller package which could add considerable depth to the average Architect, today and in the future.

At the present, we employ 35 people on our staff. In addition to the usual Civil Engineering and Surveying facilities, we also own and operate equipment for test boring of soil to depths of 220 feet, and a laboratory for testing concrete cylinders, concrete blocks and sand and gravel specimens.

Our men have a broad experience in the field, including work as representatives of Architects, Owners, General Contractors with general supervision, and work as Professional Engineers in private practice.

If you wish to know more about this firm or if you have some immediate problems on which we could assist, we will be very pleased to meet with you.

-Herbert S. Hicks, Atwell-Hicks, Inc., Civil Engrs. & Surveyors, Ann Arbor, Ypsilanti, Brighton, Mich.

BULLETIN:
Congratulations to architect Ernest Dellor for his efforts to save Scripps Park and Library from destruction. A long time ago I lived in that neighborhood and fondly remember this "unique oasis.

Dellor's well-written and beautifully illustrated article in the March BULLETIN earns us only one minor detail; Scripps Park and Library is not "now the only spot of beauty remaining" in the area.

Opposite to the library on Trumbull Avenue is the original and stately Scripps home, now preserved as a Catholic residence for girls. Across from the park is the Trumbull Avenue Presbyterian Church. Less than a block to the south is Trinity Episcopal Church where the chimes still ring on Sunday morning.

Thus, grouped closely about the intersection of Grand River and Trumbull, are four institutions of some architectural merit which should serve as the nucleus for the re-development of this unusual area.—Edmund W. Pratt, 5600 Brookdale Rd., Birmingham, Mich.

BULLETIN:
The problem of extra iron for supports of electrical fixtures as to how and by whom has been of some concern to the acoustical industry for some time. We are writing this letter to inform you that this problem has been resolved. We are also giving you our recommendations as to where this work should be placed in your specifications.

The Wood, Wire and Metal Lathers and International Electrical Workers Unions have agreed that all extra supports hang independently of the ceiling, for the sole purpose of supporting lights shall be furnished and erected by the International Electrical Workers Union.

The basic iron suspension for acoustical ceilings shall remain the work of the Wood, Wire and Metal Lathers.

We feel this division of the work will eliminate any question as to where the supports belong when no specification governs.

It is our recommendation that this specific work be placed under the division of the Electrical Trades.—ACOUSTICAL CONTRACTORS ASSOCIATION OF GREATER DETROIT, Harry L. Wettlaumer, Jr.

BULLETIN:
A few months ago you published an Architectural Schedule for professional fees. At this time we cannot locate our copy, and we would appreciate a copy for our files.

—Leonard I. Perry, AIA (left) and Ed Grabeckl, of Valley Metal Products Co., Litewall Company.

During the MSA Convention, Valley Metal Products Co. and Litewall Company had a golf putting course and hospitality suite at the Sheraton-Cadillac Hotel. The daily prize was a putter which was awarded to the person with the lowest score for that day. The grand prize was a full set of MacGregor woods and irons together with putter, head covers and a beautiful black leather golf bag. The drawing was made by Mr. James Bennett Hughes, AIA, and the winner was Mr. Leo I. Perry, AIA, of Earl G. Meyer's office. The presentation was made on Wednesday, April 18, 1962, at the AIA offices.

Smooth-Fin Coils offer you:

Greater Heat Transfer per sq. ft. of face area

Lower Airway Resistance — less power per c.f.m.

Aerofin smooth fins can be spaced as closely as 14 per inch with low air friction. Consequently, the heat-exchange capacity per square foot of face area is extremely high and the use of high air velocities highly practical. Tapered fin construction provides ample tube-contact surface so that the entire fin becomes effective transfer surface. Standardized encased units are arranged for simple, quick, economical installation.

Aerofin Corporation
101 Greenway Ave., Syracuse 3, N.Y.
Aerofin is sold only by manufacturers of fan system apparatus. List on request.

ENGINEERING OFFICES IN PRINCIPAL CITIES
BROOKLYN CHAPTER, AIA, awarded its highest honor to Past-President Herbert Epstein for exceptional service to the Chapter and the profession. Current President Charles M. Spindler (right) made the presentation. Photographs by E. James Gambaro, FAIA

A change in the name of Bellman, Gillett & Richards, Toledo architectural and engineering firm, to that of Richards, Bauer & Moorhead, the promotion of one associate and the naming of another, has been announced.

Partners in the 70-year old firm, one of the oldest and largest of its kind in Ohio, are John N. Richards, Orville H. Bauer and Michael B. O'Shea, registered architects; Robert C. Moorhead, registered mechanical engineer, and Raymond A. Enzel, registered civil engineer.

Robert M. Lutz, registered architect, has been advanced from associate to senior associate and Robert W. McMahon, registered electrical engineer, has been named as associate. Other associates are: H. Lee Smith, registered architect, Leland E. Moree, specification writer and Dean L. Lashbrook, registered structural engineer.

Predecessor firms were George S. Mills which operated under that name from 1892 to 1912. In 1912 the firm became Mills, Rhines, Bellman & Nordhoff, and in 1944, Bellman, Gillett & Richards.

AIA-APPROVED COMPETITION for an Historical Memorial Park in Cincinnati is announced by Walter A. Taylor, FAIA, Architectural Adviser. The competition, open to all architects registered in the United States, offers prizes of $6,500, $2,500 and $1,000. Closing Date is May 15, 1962, submissions by October 15.

Copy of Program and Registration Forms will be sent on request to Mr. Taylor, School of Architecture, Ohio University, Athens, Ohio.

Designed by John Graham, AIA, of Seattle and New York, the 3½ million dollar dining place has incorporated in its planning the most advanced structural materials of the decade.

A new system of flooring material was called for by the planners of the Needle Restaurant. A revolutionary plastic terrazzo evolved by Esh Industries of Lansing, Michigan was specified for application to floors of dining area. The product, identified by the Lansing firm as Terrazzo-Plate, exhibits outstanding chemical and abrasive resistance while remaining amazingly light weight.

Unusual floor plan (below left) of the Century 21 Plywood Home of Living Light, exhibited at the Seattle World's Fair by the Douglas Fir Plywood Association in co-sponsorship with Practical Builder magazine. The curved walls are continuous lengths of a special sandwich panel made up of outside layers of fir plywood with a plastic core. This material is rigid enough vertically to support the necessary roof loads, but flexible enough in the horizontal dimension to easily follow any reasonable, room-size arc.

Liddle & Jones, Architects, Tacoma
Architecture to Remember

Early American and other architectural oddities

By T. Coates (If others can have pen names, so can I)

Old Home, Coates Bend, Ala.

Photograph above (right) and below, left and right, are by Photographic Journalist, Joe Clark, of Highland Park, Mich. He does special assignments for Life and other national magazines, as well for "sippin' whiskey."
modern merchandising

In today's "revolution in retailing," store design is the major factor in reflecting the individuality of the merchant and his merchandise. This is the challenge to the architect: a design that creates a feeling of modern merchandising, yet is practical, efficient and economical. Because of its complete flexibility, no other product meets the architect's requirements as well as BRICK... the imaginative material.
distinguished design calls for distinctive brick

and so Belden comes up with new, colorful

DARTMOUTH COLONIALS

You want something imaginatively different and excitingly colorful in face brick for exterior walls — perhaps some exposed brick interiors, too. May we suggest you look at one of the very latest additions to the Belden line . . . DARTMOUTH COLONIALS?

DARTMOUTH COLONIALS were architecturally-developed. They're architecturally-blended . . . a rugged sand finish in intermediate reds and pinks; subtle shadings that reflect the richness of fine early American tapestries.

Your nearby Belden Dealer will be pleased to submit samples of this creatively distinctive face brick.

THE Belden Brick Company • CANTON, OHIO

EIGHT MODERN FACTORIES LOCATED AT CANTON, SOMERSET, PORT WASHINGTON, SUGARCREEK, AND UHRICHSVILLE, OHIO
REPORT TO MEMBERSHIP ON ACTIVITIES OF DETROIT CHAPTER, AIA MARCH 1961—MARCH 1962

By Paul B. Brown, President

PROGRAMS — Two of the regular Chapter meetings this year—in September and January—were devoted to the Urban Design and Renewal seminars; the large attendance at these meetings was evidence of the keen interest of our members in this general subject.

Other meetings offered a varied fare—a luncheon meeting at which Herbert Zel, of Albert Kahn Associates, briefed us on architectural aspects of air-conditioning; Mayor Florence Willett, of Birmingham, spoke to us of her concern with suburban design trends; Joe Leinweber shared with us, in slides, his experiences in South Korea and on around the Orient; Mario Salvadoti, in a challenging talk, presented illustrations of imaginative and honest design, based on bold structural concepts.

COMMITTEE ACTIVITIES — Most of the Chapter committees have been actively working on specific programs, or problems, within their field of interest. The continuing efforts of the Joint Construction Industry Committee, and the associated Chapter Committee on Relations with the Construction Industry, in resolving local industry problems is worthy of mention. The Bid Registry Program, developed and sponsored by the JCIC, promises to serve an important role in curtailing the practice of "bid manipulation."

Joe Leinweber, Chairman of the Committee on Building Code Revision, has actively participated in the discussions of the general Revision Committee, and has worked closely with the Chapter Board on questions arising from these discussions.

The Civic Design Committee, in addition to serving on several occasions, as an advisory committee to the Detroit City Plan Commission, has taken constructive steps, working with city departments, in developing sound solutions to current design and renewal problems.

NATIONAL COMMITTEES — The following members of the Chapter have served during the past years on national committees:


CHAPTER HONORS — The Chapter's Gold Medal for 1961 was awarded to Gerald Diehl, its Honorary Membership to Arton E. Yokom, Consulting Engineer. Three members, Robert F. Hastings, Eberle M. Smith, and Philip N. Youts were advanced to Fellowship in the Institute at its 1961 convention. At the 1962 Convention in Dallas, Linn Smith, our retiring Regional Director from Michigan, was installed as our most recently-elected Fellow.

Sundberg-Ferar, Designers, of Southfield, Michigan, were nominated by the Chapter Board for the AIA Industrial Arts Gold Medal for 1962, and were successful in "going all the way" to win this top award. Montgomery Ferar, of the firm, is a member of the Detroit Chapter, AIA. The award, for excellence in designs, such as the Gold Medal for Coldspot refrigerator-freezer, IBM Ramac Computer, and RCA Whirlpool Miracle Kitchens, was made at the Dallas convention.

NEW EXECUTIVE SECRETARY—Months of planning and discussions culminated early in 1962 in the selection, jointly by the MSA and the Detroit Chapter, of Jim Hughes as the new Executive Director of both the Chapter and the State Society. Jim is now "in the saddle," while Tal, as Consultant to the Executive Director, will assist Jim in becoming familiar with the details of his new job.

At the November 18 meeting of the Chapter, an increase in Chapter Corporate member dues from $16.00 to $20.00 was approved; and a raise in Associate dues from $7.00 to $10.00 was approved. This increase will be direct, in part, toward the support of the new Executive Director's office, and in part toward a more effective Chapter program.

ARCHITECTURE ON THE AIR — A continuing radio program, in collaboration with FM station WQRS, was initiated by the Chapter during the year. On the initiative of the Public Relations Committee—and Bill Lyman and Suren Pilafian in particular—this half-hour program on Saturdays from 6:15 to 6:45 has been made a regular feature in the advancement of public understanding of architecture. Many members of the Chapter have been interviewed on the program, which is sponsored by the Harlan Electric Company.

AIA-ACSA SUMMER CONFERENCE —The 1961 Summer Conference of the...
For the board room of Parke, Davis & Co., Detroit, Weldwood Algoma Architectural East Indian laurel was matched to the blueprints of Architects Skidmore, Owings, and Merrill in collaboration with architects Marr & Marr.

Each wall a work of art—when it's wood paneling by Weldwood

Log, cut, match, and finish all contribute to the "one-of-the-kind" beauty of a Weldwood paneling interior.

There is practically no limit to the fresh variety of effects you can achieve with Weldwood Architectural Paneling. You can be the designer. Start by making your selection from "live flitches," choosing the wood, colors, grain patterns, figures you want. Wood cut from the trunk of a tree is entirely different from wood cut from the stump, a burl, or a crotch of the same tree. Similarly cutting across the grain, slicing with the annular growth rings, or any of the other cutting possibilities provide further variety. Then you can specify how these veneers are to be matched on the finished panels, as indicated at the left.

In Weldwood's Algoma Architectural veneer collection, you have at your disposal the world's largest library of beautiful woods—stock- or custom-finished. Your Weldwood Architects' Service representative will gladly help you plan your next installation, show you the veneers and panels at your disposal. For details—and a free copy of the 28-page illustrated booklet, "Weldwood Architectural Grade Paneling"—write: United States Plywood, Dept. MSA-6-62, 55 West 44th Street, New York 36, N. Y.

WELDWOOD® REAL WOOD PANELING

Weldwood's Algoma Architectural veneer collection, you have at your disposal the world's largest library of beautiful woods—stock- or custom-finished. Your Weldwood Architects' Service representative will gladly help you plan your next installation, show you the veneers and panels at your disposal. For details—and a free copy of the 28-page illustrated booklet, "Weldwood Architectural Grade Paneling"—write: United States Plywood, Dept. MSA-6-62, 55 West 44th Street, New York 36, N. Y.

Visit these local branch showrooms or any of 153 United States Plywood branches in the United States and Canada.
The success of the Conference is witnessed by the fact that it will be held again this June at Cranbrook.

MEMBERSHIP CHANGES — Since March, 1961, the following changes have taken place in our Chapter membership status:


NEW CORPORATE MEMBERS (since March, 1961) — Adair, James; Annalora, Aaro; Chamberlin, Donald R.; Evangelista, Jos. P.; Falconer, Geo. H.; Fritz, Wm. R.; Gustafson, Donald P.; Heath, Basil G.; Ireland, W. Byron; Kehrer, Erich L.; Klaetke, Frank W.; Klotan, Michael; Lawrence, Donald M.; Leon, Bruno; Morgan, John P.; O'Keefe, Richard P.; Paski, Bernard F.; Peters, Richard W.; Riebe, Alexander W.; Rossetti, Louis A.; Schmiedeke, Denis C.; Stapleton, Chas. P.; Van Curler, Donald; Yee, Wah.

NEW ASSOCIATE MEMBERS (since March, 1961) — Andrews, John J.; Bergman, Ralph T.; Blair, Alvin F.; Boore, G. Bruce; Bukowski, Anthony J.; Downes, Michael S.; Gardner, Jos. T., Jr.; Graziani, Lynn E.; Greenfield, Haskell; Hildebrand, Grant; Hoder, Russell J.; Kleiner, Anne M.; Kourtikan, Jerair; Kovch, Roman; Larks, John H.; Miller, Donald E.; Prochaska, william J.; Raymond, Robert J.; Riddle, Edward F.; Ritter, Chas. E.; Sheerman, Edward P.; Stochiashin, Anastole M.; Tahursky, John H.; Vander, Robert F., Jr.; Van Dine, Harold F., Jr..

DETROIT CHAPTER, AIA heard an address by Edward Larrabee Barnes, AIA, of New York City, on "The Missing Third of Architecture," at Lawrence Institute of Technology on the evening of April 28.

Mr. Barnes spoke on mechanical engineering and its relationship to architecture.

This was the annual meeting with the three student chapter, AIA-at LIT, U. of M. and U. of D.

The LIT College of Architecture Award at LIT went to Charles K. Loomis, as the student showing the greatest dedication and achievement in the study of architecture.

From the University of Michigan, College of Architecture and Design the Alpha Rho Chi Medal went to James John Sicas, as having shown leadership, service to the school, personality, attitude and promise in professional work.

The AIA Medal and the book, "Mont Saint Michel and Chartres" by Henry Adams, went to Dwight Flowers, as the graduate of the college with very high standing during his five years of school.

Receiving awards from the University of Detroit were James Abernethy, for design; Vincent Lyons, for scholarship; Peter Danner, for service to the Student Chapter, AIA; Thomas Moran and Donald Smith.


eastern a farmer turned promoter started a bank. His friends subscribed generously to the venture. He said that checks came in amounts of $100, $200, etc. He said, "I became so encouraged that I put $10 of my own money into it."

WE THE PEOPLE is a name often given to Daniel, Mann, Johnson & Mendehall, Architects and Engineers, of Los Angeles. Said the head of the firm, "They have more partners than we have staff."

TRAVELERS who returned to North Africa in the mid-1940s discovered that there had been a social revolution there during the war. Previously, when local Arabs trekked between their villages, their wives had walked twenty places behind them; now their wives walked twenty places in front of them. Research showed that the change had occurred about 1943, when allied troops were advancing across the country. The reason for the change was that, at that time, there were a lot of land mines about.
HOW TO GET YOUR CEMENT DELIVERED ON TIME

When you order cement tell us four things:

... the type you want
... how much you want
... where you want it
... when you want it
and leave the rest to Huron.

For 57 years Huron has been serving cement users in the Great Lakes area, and serving them well, with cement delivered in the right amount, at the right place at the right time.

You can get this kind of reliability best from an experienced, large cement producer with many well-located distributing plants (see below) and the facilities and proven ability to handle your orders efficiently and correctly.

Accurate delivery you can depend on, from Huron, the company on the move to serve you better.

HURON PORTLAND CEMENT COMPANY

SUBSIDIARY OF NATIONAL GYPSUM COMPANY

13TH FLOOR FORD BUILDING  DETROIT 26, MICHIGAN

Distributing plants at Alpena, Saginaw, Detroit, Muskegon, St. Joseph, Michigan; Toledo and Cleveland, Ohio; Buffalo and Oswego, New York; Milwaukee, Green Bay and Superior, Wisconsin; Duluth, Minnesota
Saginaw Valley Chapter, A.I.A.

JACKSON B. HALLETT, President, 219 1/2 E. Main St., Midland
LESLIE D. TINCKNELL, Vice President, 2216 Bay St., Saginaw

EUGENE C. STARKE, Secretary, P. O. Box 748, Bay City
ROBERT G. BELL, Treasurer, 315 Post St., Midland

SAGINAW VALLEY CHAPTER, AIA
ANNUAL REPORT, MARCH 29, 1962

By Jackson B. Hallett, President

The Saginaw Valley Chapter, although now smaller in area and numbers due to the establishment of the Flint Area Chapter, in 1961, began to achieve some of the expanded activities set forth as goals during previous years. The membership currently numbers 38 Corporate and 16 Associate members representing 4 offices in Midland, 8 offices in the Saginaw area and 4 offices in the Bay City area.

During 1961, the chapter concentrated on the activities of the Awards and Public Relations Committees. Last fall, we were pleased to have presented the first chapter Building Industry Award to the Bay City firm, Westover-Kamm Co., for many years of producing excellent millwork. We anticipate an expansion of this program this year. The same committee organized a most successful first annual chapter Design Awards program. Fifteen submissions from six offices were entered with three of these receiving honor awards and two merit awards. It was most gratifying to have seen these two long-awaited projects so well carried out.

During the latter part of the year, our Public Relations Committee was finally able to distribute to 77 organizations in the Valley information on our Speakers Bureau. Seventeen architects have prepared 27 talks on topics of a fairly broad nature such as: A Career in Architecture, International Architecture, Regional and City Planning, History of Architecture, Schools, Churches, Residences, Construction, Landscape Architecture, Biography and a General Interest Category. Seven of these talks have been enthusiastically received to date and we look for increased requests this year as program chairmen prepare their schedules.

In October, the Midland Art Association presented a comprehensive exhibition of The Architecture of Alden B. Dow. Members of this committee assisted in assembly of the exhibit and the Chapter was host at the reception for the architects of the State of Michigan. We are, at present, assisting in the sponsorship of an architectural exhibit in Saginaw.

The Chapter Executive Board acted as the Chapter Affairs Committee during 1961. However, we have appointed a chairman, the Vice President, as required by the MSA reorganization for this year. An investigation was made of charges of unethical practice only to be dropped because of unattainable case evidence and a warning was issued to the member involved. A letter of general information along with a copy of the Professional Standards was sent to all corporate members in order that all might review their operational procedures for a better society.

The Chapter has recognized its responsibility in supporting the increased activities of the MSA through its reorganization, including the acquisition of an Executive Director. At the same time, it became apparent that its own financial situation has become bleak with reserves having been depleted over a period of the past five years. Chapter and MSA dues were increased from $10.00 to $25.00. Associate member dues were increased from $5.00 to $10.00. This year a Budget Committee has been appointed to review our finances and proposed program of activities.

Our committee on Relations with the Construction Industry continues to function monthly with representation on the AIA-AGC Joint Committee.

The Education Committee has sent a letter to MSA Directors regarding proposed establishment of a central agency at the Department of Public Instruction. This is now in progress.

The Building Preservation Committee has been acting on matters such as last years discussion on razing the Webber house in Saginaw.

The Tri-County Planning Committee is still unable to progress until further support is received from the City and County governmental units of the area. However, some of the Saginaw architects as a special sub-committee, have been engaged in a Saginaw Downtown Redevelopment program with their City Council, Planning Department and the Chamber of Commerce. This program is nearing the presentation stage.

Nineteen Sixty-One can be regarded as a year during which we achieved some of our past goals and we now look forward to expanding in each of these fields. Our aims are to provide better architecture for our communities and to have our communities, in turn, become more aware of what good architecture contributes, and can mean to them.

Willard E. Fraser

Willard Elwyn Fraser, A.I.A., staff architect of the Alden B. Dow office, Midland, Michigan, died suddenly in Midland Hospital on April 14. He was 59 years of age.

He was born at Davis Junction, Ill., March 16, 1903 and graduated from the University of Illinois in 1925, following which he traveled and studied in Europe.

After serving in architects' offices in Rockford, Ill.; Chicago and Milwaukee, he went with the Dow office in 1943, where he remained except for a period during the war.

He was registered as an architect in Michigan in 1945 and he was also registered as an architect in Illinois and Wisconsin.

His membership in the AIA began in 1947 through the Detroit Chapter. He transferred to the Saginaw Valley Chapter in 1949 and served as its President, 1954-55. He also served as Director and Vice President of the MSA.

Surviving are his wife, Ruth D.; twin daughters, Myrna and Mary; a sister, Mrs. Alva Barnes of Davis Junction, Ill.; a brother, Ralph Fraser of Chicago.

The family home is at 2412 Manor Drive, Midland.

Francis E. Warren, A.I.A of Midland, is starting a memorial fund in Willard Fraser's honor at the Grace A. Dow Memorial Library in Midland. Willard's many friends are helping to further the memorial.
DOUGLAS FIR CONCRETE FORMS

ADVANTAGES:

• A smooth concrete surface with more uses per panel.
• Smoother surfaces mean less patch work, less finish rubbing.
• Easy stripping with cleaner surfaces.
• Easier clean-up of forms with less labor.
• Field tests prove twice as many quality finish pours, without rubbing.
• Ideal for exposed quality finished walls and ceilings; can be easily painted with beautiful results.
• In short, A BETTER FINISHED JOB FOR LESS MONEY!

• Seeing is believing! These photo reproductions are of the same identical area of Douglas fir before and after Super Microseal processing and painting

DFPA Fir Plywood Manufactured In All Thicknesses and Grades
By The OREGON-WASHINGTON PLYWOOD COMPANY, GARIBALDI, OREGON

Distributed Exclusively In Michigan At The Wholesale Level
By BYRNE PLYWOOD COMPANY

OFFICES, ARCHITECTURAL CENTER, WAREHOUSE
ROYAL OAK, MICHIGAN

JORDAN 6-7100
TWX ROY 1037

SAMPLES AND TECHNICAL DATA AVAILABLE ON REQUEST
Let's face the facts: none but gas air conditioning

SAVES 17% IN OPERATING COSTS—Savings that you get only with gas air conditioning will soon amortize the cost of the entire unit.

GIVES FREE 24-HOUR SERVICE—At your service, day or night, is a reliable corps of carefully trained air conditioning servicemen to assure top-flight operation.

OFFERS FREE SEMI-ANNUAL CHECKUPS—Twice a year, spring and fall, Michigan Consolidated automatically makes routine checks of your unit to maintain its peak efficiency the year 'round.

DOES A DUAL JOB—COOLS, HEATS—One compact unit gives summer-winter comfort. It cools and dehumidifies in summer, heats and moisturizes in winter, keeps your customers and your employees happy all year long.

HAS A LONG LIFE EXPECTANCY WITH NO MOVING PARTS—So free of trouble, so solidly built are gas air conditioners that they last far longer than others! A flame, not a compressor, does the job.

IS FULLY BACKED BY THE MICHIGAN CONSOLIDATED GAS COMPANY—The air conditioner itself and subsequent servicing are completely backed by Michigan Consolidated for lasting satisfaction.

Need any more reasons for putting gas air conditioning to work for you? If so, call an Air Conditioning Specialist at Michigan Consolidated Gas Company today!

MICHIGAN CONSOLIDATED GAS COMPANY

So much more for so much less—GAS naturally
By J. Wesley Olds, AIA
Chapter Correspondent

PR PANEL
This Chapter's Program Committee's Chairman, Nobby D'Haene, has assigned to each Committee a month for which that Committee is responsible for the entertainment or program, educational or otherwise.

On the 30th of April, the Public Relations Committee provided an excellent Panel Discussion on "How To Improve Our Public Relations." The dinner meeting was held at Maria's Restaurant in Downtown Lansing.

The Moderator was Robert Fuller, who is an Architect, now in public relations work with his wife in the firm known as Fuller Associates. Six professions, related in some manner with the architectural profession, were represented on the panel. Each gave a five minute introductory talk on his relationship, good or bad, with architects and his viewpoint concerning a better understanding, if needed, or suggestions for improvement in educational work or relationships to clients as viewed from his corner. The meeting was opened to questions from the architects present to the various speakers. A lively discussion ensued.

The panel members were locally prominent men in their professions. The project house builder was Francis Fine; the large project contractor was Mr. Harry Conrad, Jr., of the Christian Company; the lawyer was Ted Swift of Foster, Campbell, Lindemer and McGurrin; the banker was John H. Kobs, Jr., Director of Public Relations, American Bank & Trust; the realtor was Russell Runquist of the East Lansing Realty Company; and the architect was James B. Hughes, the Executive Director of the M.S.A. These professions were very capably represented. Many excellent suggestions and ideas were presented and discussed and it is hoped some of the ideas can be implemented by this Chapter. Some of the ideas will probably be brought up in the May Workshop being planned by Elmer Manson, M.S.A., Chairman of Public Relations, to be held in Lansing for Public Relations Committee people, three per Chapter.

CONFERENCE ON AGING
The Michigan Society of Architects has asked two of its members to attend the Conference on Aging at Ann Arbor, which is being held June 18-20. This is the 15th Annual Conference to be held under the sponsorship of the Division of Gerontology at the University under the guidance of Dr. Wllma Donahue. J. Wesley Olds, of this chapter is one of these representatives, and Robert Wold, of the Western Michigan Chapter is the other. Mr. Olds has shown a great deal of interest in the pioneering work related to the housing needs for the aged, and has done considerable research in this area.

DALLAS CONFERENCE
Three members of this Chapter found their way to the Dallas Conference this month. William Black, our President and Charles Strieby, Secretary were in evidence and Adrian N. Lanquis, FAIA, our nominee for Michigan Regional Director. At this early writing no report from them is possible on the success of the conference. It is expected that they will make a detailed report at the late June meeting on much that transpired both in and out of sessions.

GOLF LEAGUE ORGANIZED
Tom Stein, of the Warren Holmes Company, has succeeded in arranging an AIA Golf League which started May 10th. Eighteen teams are in the League. Many requests have been received from related businesses to enter teams, but it was the Chapters wish to keep the League a modest one and strictly a Chapter endeavor. A new course is being used for the first time. This course called Par-Mor is located on M-78 just east of Park Lake Road. The Architects will play every Thursday evening until September 6th. Tom's committee members are Bob Smith, Rex Dally, and Dixon Wilson. We Architects surely need the exercise and, needless to say, are looking forward to swinging those clubs.

Report of William D. Black, President and Richard C. Frank, Immediate Past President at MSA Convention

CHARTER—The Board of Directors of the American Institute of Architects at its Fall meeting September 30, 1960 took the following action:

"RESOLVED, That a charter as a chapter of The Institute be and hereby is granted to the Mid-Michigan Chapter of the American Institute of Architects, effective September 30 or such subsequent date as the chapter may select.

"RESOLVED, That the territory of the Mid-Michigan Chapter shall be the counties of Ingham, Clinton and Eaton, all in the State of Michigan; and that the charter members shall be those members who have signed the petition for charter plus those who shall indicate a desire to be included prior to the inscription of the charter.

"RESOLVED, That the By-Laws of the Mid-Michigan Chapter submitted to this meeting of the Board be and hereby are approved.

And so our Chapter was formed. This was the culmination of a year's work of first awakening, then discussions and finally action. With this formation all of the registered Architects and their employees, in the Lansing area, for the first time "pulled together" instead of pulling separately. Enthusiasm was high, as this was a long awaited and sorely needed action. It is hoped that this enthusiasm still exists and will keep this group going in future years. If so, one of the main objectives of its formation will not be denied, that of raising the image of the architect to its proper place in the community.

It is not easy to keep any organization at a high pitch of interest and activity. There have been times of disappointments. But the many more times of encouragement have far overshadowed these. An effort has been made throughout the year to keep as many different people as possible involved in all phases of our activities and to encourage comment and opinions on operations. It is possible to continue to grow only if this Chapter remains an organization of and for its membership. Every individual member must...
Have you heard about
DUO-WIRE? We make it
... and here's the how and why of it.

In our constant contact with architects, blockmakers and masons, we discovered that there was a need for better masonry wall reinforcement; particularly one that was economical and readily available in a variety of dimensions.

Such reinforcement was then being manufactured in Phoenix, Arizona, by David Wright, son of the late Frank Lloyd Wright.

With Dave Wright's help and guiding hand, that same better reinforcement is now being produced and used in Michigan. It is called DUO-WIRE and has characteristics which enable you, as an architect or engineer, to specify it with confidence . . .

- high tensile strength, dimensions to fit any wall thickness, A. S. T. M. and Corps of Engineers compliance.
- DUO-WIRE is sold by local concrete products manufacturers . . . the most natural source of supply for the mason contractor.

Full details and specifications concerning DUO-WIRE should already have reached your office. If not, a phone call or postcard will bring them to you.
be made to feel a real and close part of the group.

At Charter Night, President Philip Will said, "You lost in the Lansing area lawyers who already demonstrated your devotion to our common cause. In your case granting a charter to form your own, independent organization within our professional society was not an acknowledgment of an impressive effort."


division of the Exchange. There have been num-

ter has expired for our present representative and a new one should be selected.

EMERITUS—The Chapter gained its first emeritus member this year in George R. Page.

TREASURY—The Executive Committee decided that in the future all charges against the treasury must be approved by vote of the Committee.

BUILDERS HARDWARE—Members of our Chapter participated as panel members in an active discussion of hardware problems for the Builders Hardware Club of Michigan.

NCARB—Paid sustaining membership dues for the Chapter in this organization.

DUES—At a Chapter meeting the members had a long and vigorous discussion on both Chapter and MSA dues increases. We successfully voted to increase both. It is felt that the discussions tended to weld our group together even more than they had been in the past. The Chapter raise will certainly give us more opportunity to take action next year in areas which did not get started this year for lack of funds.

CIVIC AND GOVERNMENTAL RELATIONS—This committee must be helped by all members if we are to realize advantages of the downtown development program already under way. Some means of securing this help will have to be established.

CALLING COMMITTEE—This activity has been very successful in the past year. It is recommended that this be continued and its scope broadened.

MSA URBAN DESIGN—Our Chapter now has a representative on this MSA Committee. This member should be retained in this position. Effort should be made to make the community aware of this activity and include them in it.

LAKE MICHIGAN COMMITTEE—Our Chapter has been approached by the Lake Michigan Region Planning Committee to be represented in their activities. Since participation includes a $150 contribution, which to this point has not been budgeted, a thorough look into possible advantages needs to be made.

ASSOCIATES—Associates may want to consider electing a representative of their own to sit in on all Executive Committee meetings. Advantages of this with respect to increased associate interest and therefore participation must be weighed.

ASLA—The American Society of Landscape Architects, Inc. Michigan Chapter has asked our Chapter's support regarding pending legislation on highway outdoor advertising. It is recommended that we take such action as is necessary to support their ideas with which I'm sure we all agree.

(Continued in Next Issue)
Ships come and go—24 hours a day, 7 days a week—with docking and storage facilities always ready for them at the busy Detroit Harbor Terminals, Inc.

Warehouse buildings, docks and cargo storage areas cover over 25 acres. Working with Detroit Edison experts, Detroit Harbor Terminals, Inc., completely floodlighted this entire area with 156 mercury vapor lights. D. J. Zabner & Company were the consulting engineers on the installation.

Mr. William P. Young, president of Detroit Harbor Terminals, Inc., says: "In the past, as night fell, so did the efficiency of our crews. But whenever ships come in, they have to be taken care of—that's our business. With the new lighting, the productivity of our night crews approaches that of the day crews. The safety hazards of working in darkness have also vanished. And so effective and complete is the lighting that it has proved to be our best guard against vandalism and theft."

Detroit Edison lighting specialists are available for consultation on your illumination problems, too. Shopping centers, parking lots, manufacturing facilities, playgrounds, construction areas... Edison is always glad to plan their proper lighting with you, your engineer or architect. No charge or obligation, of course.
ARCHITECTONICS
Official Publication of the Western Michigan Chapter of The American Institute of Architects

ROBERT C. SMITH, President, 1704 Whites Road, Kalamazoo, Mich.

ROBERT L. WOLD, Vice President, 330 State Street, Grand Rapids 2.

By JAY H. VOLKERS, AIA
Chapter Correspondent

WESTERN MICHIGAN CHAPTER
AIA ANNUAL CHAPTER REPORT
By Robert C. Smith, President

The geographical boundaries of the Western Michigan Chapter encompasses more than half of the state extending from the Indiana to Minnesota Borders. From this fact, the natural problems of communication and participation are apparent. The attendance at meetings averages about 25% of the membership.

The year 1961 was one of organization and reorganization of the Chapter to fit changing conditions. Numerical changes in membership resulted in a budget reduction of approximately one-third from previous years. Based on membership and dues, the approximate distribution of 1961 funds was as follows:

- 35% Mailing, printing, etc.
- 30% Program Expenses
- 20% Convention Expenses
- 15% Other organization expenses (such as AIA-AGC, Lake Michigan Regional Planning Committee, APELSCOR)

These facts were originally given by our Chapter representative in his report to the Michigan Society of Architects Board (see Enclosure No. 1).

CHAPTER BUDGET AND FINANCING
The enclosed "President's Report — 1962 Chapter Budget" was mailed to all Chapter members (see enclosure No. 2). In general the membership has understood the problems faced by the Executive Committee. This month's Treasurer's report showed that approximately 85% of the members have paid the 1962 dues.

MEMBERSHIP — From a membership of approximately 100 persons a year ago we have increased to over 110. This represents Chapter growth of at least 10%.

PROGRAMS — This year our Program Committee is under the leadership of Dave Post and Brice McMillen, both of Grand Rapids. They have made a good start in arranging our program for this year.

LAKE MICHIGAN REGIONAL PLANNING COMMITTEE — The Chapter has six active members on the Lake Michigan Regional Planning Committee. The committee is jointly sponsored by the Chicago, Northern Indiana, Western Michigan and Wisconsin Chapters. The 1962 Chapter budget reflects our belief as well as support of the committee's undertakings and activities. We are happy that this budget permits us to erase our obligation from the past as well as meet the current one.

AIA-AGC JOINT COMMITTEE — This committee under the chairmanship of Charter representative Carl Kressbach of Jackson is as usual contributing greatly to the continued improvement of Architect-Contractor relations in the out-state area.

BY-LAWS — A problem of the past that continues to be with us is the condition of Chapter By-Laws. The patching of the past to meet problems of immediate concern have resulted in a make-shift, outdated set of by-laws. This year will see a new set of by-laws prepared and presented to the membership for action.

DISTRICT STUDY COMMITTEE — This is a special committee that has been given a special task. Since our Chapter encompasses a large geographical area, attention to local problems within the local areas has fallen to those individual members willing to assume the responsibility. This committee is to investigate means and methods of lending official chapter support to those local individuals and groups who are faced with problems not common to the present Chapter area.

It is the hope of the Chapter that the future of the Michigan Region is one of growth the same as it has been in the past. Our State Organization must grow as the Chapters within our state grow. Areas of activity should be such that there is no duplication of effort. Within our new Regional Michigan Society of Architects organizational framework, all members and chapters should work together to better accomplish the aims of the profession of Architecture.

WESTERN MICHIGAN CHAPTER, INC.,
OF THE AMERICAN INSTITUTE OF ARCHITECTS — DECEMBER 19, 1961
ENCLOSURE NO. 1

The year of 1961 was one of organization and reorganization of the Chapter to fit changing conditions. January of 1961 saw the establishment of the Mid-Michigan (Lansing) Chapter. This involved a release and transfer of membership that resulted in a budget reduction of approximately one-third from the previous year.

Based on the present membership and dues there was about $1,000.00 available for Chapter activities. The approximate distribution of funds was as follows:

- 35% Cost of Mailing, Printing, etc.
- 30% Program Expenses
- 20% Convention Expenses
- 15% Other organization expenses (Such as AIA-AGC Lake Michigan Regional Planning Commission, APELSCOR)

At the October annual meeting the membership voted to support an increase in chapter dues, not to exceed a maximum of twenty-five dollars. At this time it is expected that the Chapter Executive Committee will assess the full amount.

In the past year our Chapter has had representatives of the membership at the Michigan Society Convention in Detroit, the National Convention in Philadelphia and the Annual Mid-Summer Conference at Mackinac Island.

We will look forward during the coming year to the activity of our representatives on the Lake Michigan Regional Planning Commission, the American Institute of Architects — Associated General Contractors Joint Committee and other committees. We feel that the future is bright for new as well as continued accomplishment in the fields of endeavor by these committees.

One task that the Chapter has for the coming year will require a great deal of attention and study by our membership. Since our Chapter encompasses a large geographical area, attention to local problems within the area has fallen to those individual members willing to assume the responsibility. The Chapter must find the method and means to lend official Chapter support to these local individuals who are faced with problems not common to the Chapter area.

(Continued in Next Issue)
The Detroit AGC Chapter

NOW IN ITS FORTY-SEVENTH YEAR OF INDUSTRY AND COMMUNITY SERVICE

"One General Contract — The Key To LOWER Construction Costs Through Un-divided Responsibility."

REGULAR MEMBERS
Armstead Construction Co.
Geo. W. Auch Co.
J. P. Barrett
Barton-Malow Co.
Geo. A. Bass Construction Co.
Birmingham Construction Co.
Brennan Co.
Bryant & Detwiler Co.
O. W. Burke Co.
Candler-Rusche, Inc.
The Chase Co.
Christopher Construction Co.
Cole Construction Co.
John Cooley Co.
Walter L. Couse & Co.
Crown Construction of Michigan, Inc.
The Thos. E. Currie Co.
Darin & Armstrong, Inc.
A. J. Dupuis Co.
A. J. Ettkin Construction Co.
J. A. Ferguson Construction Co.
F. W. Fordon Co.
J. A. Fredman, Inc.
Freeman-Dawng, Inc.
Clarence Gleason, Inc.
Hamer Construction Co.
A. N. Hickson, Inc.
Ernest L. Hollick, Inc.
Hyatt Construction, Inc.
C. A. Johnson & Son, Inc.
Pau H. Johnson, Inc.
Jutton-Kelly Co.
E. C. Korneffel Co.
Leo E. Kuhlman, Inc.
A. W. Kutsche & Co.
Lerner-Linden Construction Co.
Leslie Construction Co.
Leta Construction Co.
Carl W. Luoma, Builder
Henry M. Martens Co.
F. H. Martin Construction Co.
Donald J. Nelson
Palmer-Smith Co.
Pulle-Strang, Inc.
Pyramid Construction Co., Inc.
Raymond Concrete Pile Co.
C. H. Reisdorf & Sons, Inc.
Chas. J. Rogers, Inc.
Maurice V. Rogers Co.

AFFILIATE MEMBERS
Angelo Construction Co., Inc.
Barton-Harbourne Co.
The Charders Co.
Diefenbacher & Killfoile, Inc.
R. J. Durocher, Inc.
Gallagher's ReSteel Co.
The D. G. Garrison Co.
Gateway Erectors, Inc.
Gibralter Floors, Inc.
The Hausan Steel Co.
Concrete Forms Division
Hutchinson Steel Erectors, Inc.
Inco Floor Co., Inc.
Mcrer-Dawley Co.
Nardoni Cement Floor Co.
Patent Scaffolding Co., of Michigan
ReBar Suppliers & Engineers, Inc.
Safway Steel Scaffolds, Inc.
Edward J. Shereda, Inc.
Sievir Construction Corp.
F. H. Taylor Sons Co.
Western Waterproofing Co.
Yeager-Paulick, Inc.

ASSOCIATE MEMBERS
Assoc. of Steel Fabricating Shops
The Power House Contractors Association

SUSTAINING MEMBERS

The Associated General Contractors of America, Detroit Chapter, Inc.

WILLIAM E. STEWART, SECRETARY ... STANLEY E. VEIGHEY, MANAGER LABOR RELATIONS

18100 SCHAEFER HIGHWAY, DETROIT 35, MICHIGAN, DI. 1-4171

June '62 Monthly Bulletin
FLINT AREA CHAPTER, A.I.A.

Official Publication of the Flint Area Chapter of The American Institute of Architects

HERMAN J. KLEIN, President, 708 Harrison Street, Flint 3, Mich.
ROBERT S. GAZALL, Vice President, 602 Marquette, Flint 4.

MARCH 29, 1962

By Herman J. Klein, President

The Flint Area Chapter is now just a little over a year old, its charter having become effective January 1, 1961.

At the present time we have 21 Corporate members and one member Emeritus. This includes all of the registered Architects in the area except one. We have 16 Associate members.

Our Committees parallel those of the MSA and the AIA such as membership, office practice, chapter affairs, etc. The more important committees have been very active. We are fortunate in spite of our small size to have the number of members who serve effectively on committees.

During the past year we had our first awards program with the entry fees becoming the beginning of a scholarship fund. We are working with the College of Architecture and Design of the University of Michigan to institute a local continuing educational program in Architecture.

Effective this year our chapter dues amount to $20.00 per member with $9.00 going to the MSA including a $2.00 subscription cost for Monthly Bulletin.

In addition to the usual committees we have additional committees for problems peculiar to our Chapter. Some of these and their activities are as follows:

1. GENESSEE COUNTY ZOO COMMITTEE: has completed preliminary master planning for the Flint Junior Chamber of Commerce who are spearheading the new proposed County Zoo. For this work the Chapter has received excellent recognition by civic leaders, TV and Radio.

2. CAREER DAY COMMITTEE: 100% of our Corporate Members and many of the Associate Members participated in Career Day sponsored by the Flint School System.

3. REGISTRATION AND EXAMINATION COMMITTEE: has worked with the State Board of Registration and last year wrote the questions for the Mechanical and Electrical portion of the examination and graded the blue books after the examination. We are again this year participating in this to the same extent as last year.

4. CODES AND STANDARDS: This committee is working with City Officials in attempting to adopt a new, up-to-date Building Code for the City of Flint.

5. COMMITTEE ON APESCOR: Our Chapter has been trying to get recognition from Apescalor so that we might have representation but thus far we have not been successful.

6. COMMITTEE ON FEES: This committee is working on a fee schedule for the area which will closely approach the MSA schedule of recommended fees. This committee is also embarking on an educational program with the various school boards in the area regarding fees and services.

For a new small Chapter, we have made much progress in the short time we have been in existence and we plan to continue our efforts for an even stronger and more active chapter.

After more than thirty years, the realization and need for more adequate facilities was recognized on Sunday, January 21, 1962 when the new YMCA facilities at Flint were formally opened and dedicated. Located strategically between Flint downtown and the College and Cultural Center, it sets on a complete city block and is easily accessible from all directions.

The new facilities reflect many of the traditional YMCA concepts and is designed to meet the anticipated needs of the community for the next 30 to 40 years.

The Cost of the facilities was $2,800,000 and consists of a Youth Division, health and physical education areas, club rooms, health club, residence rooms and food service areas.

The Youth Division is a reception center for all youth activities and membership and includes Indian Guides, Gra-Y, Junior Hi-Y and Hi-Y as well as “Fitness for Living” Programs. Lounges, game areas, club rooms, art craft centers and meeting rooms are provided for this use.

The YMCA encourages a greater understanding of Spiritual Values through all phases of its program which seeks to develop the total man in spirit, mind and body.

The new building was designed by MacKenzie, Knuth & Klein, Architects of Flint. Prime Construction Contractors include Erickson and Lindstrom Construction Company, Davany Plumbing and Heating Company, and Franklin Electric Company, all of Flint.

A more complete presentation of the structure will be forthcoming when landscaping is completed.

FLINT YMCA, MacKenzie, Knuth & Klein, Architects

Michigan Society of Architects
On The Occasion Of Its Fiftieth Anniversary

M. DEN BRAVEN

Wishes to Salute and Acknowledge with True Appreciation the Pleasant Association it has Enjoyed with Architects, Engineers, and other Members of the Construction Profession for the Past Half Century, and Looks Forward with Increasing Vigor to the Next Fifty Years

M. DEN BRAVEN
Founder

A. DEN BRAVEN
President

D. DEN BRAVEN
Vice President

9080 ALPINE AVENUE, DETROIT 4, MICHIGAN • WEBSTER 3-7494
D. H. SHAHAN, P. E., has been elected secretary of Albert Kahn Associated Architects and Engineers, Inc., by the firm’s Board of Directors, and Louis Menk, A.I.A., formerly secretary, has been made treasurer, it is announced by Sol King, president.

Officers re-elected by the Board are: George H. Miehls, Chairman; Sol King, President; Sheldon Marston, Executive Vice President; P. G. Fleck, R. E. Linton, V. C. Wagner, and G. S. Whitaker, Vice Presidents.

This action follows the firm’s recent annual stockholders’ meeting at which the present slate of Directors, including Messrs Miehls, King, Marston, Fleck, Linton, Wagner, and Whitaker, were re-elected for the ensuing year.

Mr. Shahan, chief engineer of the firm’s structural division, holds a B. S. degree in Civil Engineering from Robert College, Istanbul, Turkey, and a Master of Science degree in Engineering from the University of Michigan. He joined the Kahn Associates in 1941, was made an associate in 1952, and in 1956 was named assistant chief structural engineer. Early in 1962 he was elevated to chief engineer of the structural division, a post he will retain. Mr. Shahan holds Certificate from the National Board of Engineering Registration, is a member of the Michigan Society of Professional Engineers, the American Concrete Institute, and the Alumni Association of the University of Michigan.

Mr. Menk is a graduate architect of New York University’s School of Architecture where he was a member of the faculty for 14 years as Assistant Professor of Architecture and Assistant Dean. He joined the Kahn organization in 1942, was made an associate in 1948, and in 1961 was elected secretary. A recognized authority on the administration of construction contracts, he is a prominent writer and speaker on the subject. Mr. Menk holds Certificate of the National Council of Architectural Registration Boards, is a member of the American Institute of Architects, the Michigan Chapter, the Michigan Society of Architects, and the Michigan Association of the Professions.

MINORU YAMASAKI, of Birmingham, Mich., world famous architect, recently cited for his creation of the United States Science Pavilion at Seattle’s World’s Fair, has been commissioned architect for the North Shore Congregation Israel at Glencoe, Ill. The $1,800,000 facilities will include sanctuary, memorial hall, school wing, youth lounge and parking for 450 cars on a site at 1185 N. Sheridan Road in Glenco. The George A. Fuller Company has been awarded the construction contract.

The 90-ton tug Joey Haden and barges have entered marine towing service here for Seaway Barge Lines.

The 74-foot diesel tug and its barges have been hauling crushed Dolomite stone from Amherstburg, Ontario, to Detroit and are based at the foot of Lyacaste.

Captain M. C. Pruss, president of the barge line, is a veteran of Great Lakes sailing. He brought the tug and the barges here from Houston, Texas, up the Mississippi River.

In addition to hauling surplus Dolomite Stone from the Brunner-Mond quarries at Amherstburg, the tug is now available for general marine towing and is the newest addition to the Detroit River’s tug fleet. Phone contact, 821-5077.

UNIVERSITY OF MICHIGAN CONFERENCE ON AGING will be held at the Michigan Union June 18-20, 1962. Advance registration should be made with the Department of Extension Service by June 9. Otherwise registrations will be accepted Sunday, June 17 from 4:00 to 8:00 P. M. and beginning at 8:00 A. M., Monday, June 18. Registration fee is $7.50.

 Have you found the “For Sale” sign you’d like to see changed to “Sold”? If so, your next stop should be National Bank of Detroit—where, from men who know the area, you’ll receive sound counsel and prompt mortgage service. Or if you’re still just browsing, you’ll find helpful tips on buying the right home for your family and your budget in our free 16-page booklet “Buying and Financing a Home.” Pick up your copy at any NBD office.
WHY NOT BE SLIM WITH YOUR TRIM?

Something New Under The Sun happened when architects began specifying the use of thin trim on metal door frames. In many cases, they've asked for trim as thin as one inch.

Why? Narrow trim offers the architect far superior aesthetics. With new, narrow line frames, he can design more graceful entrance-ways to offices and other rooms—and he is able to vary the dimensions of the frame to the exact size he needs—often to suit the building module.

Heavy, old-fashioned door frames with 2" or more trim can stand out obtrusively in hallways of the modern building.

Last, but not least, narrow line trim is somewhat less expensive, proving you often can get a superior product for less money.

You can get almost any Overly door frame with narrow line trim. For more information, write for our Door and Frame Catalog.

* * *

There's Too Much Hot Air in the trade press by self-indulgent manufacturers complaining that architects ask for too much specification information and technical data in catalogs and other literature. Overly does not agree. You'll find you can make direct take-offs from Overly catalog details. We believe this is one of the most important services we can offer architects.

* * *

"Hooray," We Said when we read a newspaper story of how a metal fire door saved $200,000 of products from being destroyed by fire at the Knowles-Fisher Corporation in Silver Creek, New York. Fire doors save lives, too. We've been telling people for years. We wish more people would listen.

Overly Representatives In Your Area:

JOHN W. DAVIES
16901 Schoolcraft Ave., Detroit 27, Michigan

C. T. DEHAAS COMPANY
Kaufman Building, Marquette, Michigan

MICHIGAN CERTIFIED CONCRETE PRODUCTS
1235 Hoyt Street, Grand Rapids, Michigan

THE NEW STANDARD DOUBLE-HUNG WINDOW OFFERS THE STYLE AND DESIGN OPTIONS OF A CUSTOM UNIT

Andersen
NARROLINE

The narrow mullion (2½") makes the NARROLINE a unique new double-hung window for conventional and period designs. Over 40 standard sizes permit countless applications as singles, multiples or in combination with picture windows. All wood construction means superior insulating qualities*, long life and smooth operation.

* Available with double pane Welded Insulating Glass.

Snap-on grilles also available.

On display at the K. & R. showrooms.

Call and ask about our new colonial millwork catalog.
MSA AIA

MSA TREASURER'S REPORT
George W. Sprau, Treasurer

Receipts and Disbursements:
Bank balance Jan. 1, 1961 $ 6,089.33
Receipts in 1961 14,426.54
Disbursements in 1961 11,616.99
Bank Balance Dec. 31, 1961 $ 8,898.88

Balance Sheet
Assets
Cash in Bank $ 8,898.88
Savings Certificates 3,000.00
U. S. Government Bonds 7,256.27
Loan to Monthly Bulletin, Inc. 4,128.10
Convention Display Boards 500.00
Advance to Conv. Comm. 468.28
Total Assets $24,251.53

Liabilities and Members Equity
Unpaid Obligations $ 1,900.79
Members Equity 22,350.74
Total $24,251.53

NOTE: "Loan to Monthly Bulletin, Inc." is a bookkeeping item of the Society's subsidiary. It has nothing to do with editing and publishing of the Bulletin.

DENNIS G. PAGE, Senior Architectural Student at Lawrence Institute of Technology, attended the AIA Convention in Dallas as the Regional Director of the Great Lakes Region of the Association of Student Chapters, AIA. The Great Lakes Region is composed of twelve Schools of Architecture in Ohio, Kentucky, Indiana and Michigan.

Dennis, who is married and resides at 431 East Cambourne, Ferndale, is employed by Tarapata, MacMahon Associates, Inc. and is completing his studies at Lawrence Tech at night.

Expenses of Dennis' trip to the Convention were defrayed partly by Lawrence Tech and its Student Chapter, AIA and by the Detroit Chapter, AIA.

FRANK L. COUCH, chief specifications writer for Smith, Hinchman and Grylls Associates, Inc., Detroit architectural and engineering concern, has received one of the highest awards ever bestowed upon a member of his profession by the Construction Specifications Institute.

At the annual national convention of the Institute, held at Atlanta, Georgia, Couch was awarded the Certificate of Appreciation, by unanimous action of the body.

The award is the first ever bestowed upon a specifications writer in Michigan.

DENNIS G. PAGE, Senior Architectural Student at Lawrence Institute of Technology, attended the AIA Convention in Dallas as the Regional Director of the Great Lakes Region of the Association of Student Chapters, AIA. The Great Lakes Region is composed of twelve Schools of Architecture in Ohio, Kentucky, Indiana and Michigan.

Dennis, who is married and resides at 431 East Cambourne, Ferndale, is employed by Tarapata, MacMahon Associates, Inc. and is completing his studies at Lawrence Tech at night.

Expenses of Dennis' trip to the Convention were defrayed partly by Lawrence Tech and its Student Chapter, AIA and by the Detroit Chapter, AIA.

FRANK L. COUCH, chief specifications writer for Smith, Hinchman and Grylls Associates, Inc., Detroit architectural and engineering concern, has received one of the highest awards ever bestowed upon a member of his profession by the Construction Specifications Institute.

At the annual national convention of the Institute, held at Atlanta, Georgia, Couch was awarded the Certificate of Appreciation, by unanimous action of the body.

The award is the first ever bestowed upon a specifications writer in Michigan.

First Federal Savings of Detroit branch at Maple and Cranbrook Roads, Bloomfield Township opened recently was designed by Aloys Frank Herman and Howard Thomas Simons.

Hans Gehrke, Jr., President and Walter Gehrke, Chairman and Founder of the 27-year-old savings association, said that, besides the new Bloomfield branch, the Association has a new Farmington office under construction. That will bring the number of First Federal offices to 16. Following demolition of the old Majestic Building at Woodward and Michigan avenues, construction of First Federal's new main office will be built at a cost of some $10,000,000. Smith, Hinchman & Grylls, Associates, Inc. are the architects and engineers for this project.

FIRST FEDERAL SAVINGS OF DETROIT
Maple & Cranbrook Roads, Bloomfield Township. Herman & Simons, Architects

ELECTRIC CO.-CONTRACTORS
4222 E. McNICHOLS—DETROIT 12, MICH.
TW, INBROOK 3-4013

JOE W. ALBRIGHT
O. M. "JACK" O'TOOLE
SAVE YOUR TIME FOR DESIGN
Create Your Brick With The Design In Mind

YOUR BRICK IS AVAILABLE WITH TODAY’S ADVANCED TECHNOLOGY IN THE FIELD OF CERAMIC ENGINEERING

Challenge Us To Sample Your Brick Design In Color and Texture With a Postcard TODAY

LINCOLN BRICK CO.
1420 Lake Drive S.E. – GL 6-1696
Grand Rapids, Michigan

MICHIGAN’S LARGEST DISTRIBUTOR OF CLAY PRODUCTS

FINEST COMPLETE LINE OF VITREOUS CHINA FIXTURES

BRIGGS
BEAUTYWARE

Dryden Lavatory is typical of the enduring design and quality demanded for commercial and industrial projects. Just one of the complete line of Briggs vitreous china fixtures, the Dryden, with integral front overflow and anti-splash rim, is manufactured to satisfy any installation requirement.

Sultan Water Closet, another of the sculptured Briggs designs, is wall hung with elongated closet bowl. In six compatible colors, or white, the Sultan features the fine construction and dependable operation which make Briggs the favorite of plumbers and builders throughout the nation.
THE ROBERTSON O-AIR FLOOR SYSTEM

Q-Air Floor is similar to standard Q-Floor except for the change in width of occasional cells. These structural cells are twice the width of a standard cell and each is a complete unit one foot wide. These load bearing cells can be adapted by the air conditioning contractor to transport air from horizontal supply ducts to mixing units for discharge into the room. When applied in this manner, Q-Air Floor is simply another use added to the widely accepted Q-Floor principle of using cellular steel units for load bearing and electrical distribution functions.

Q-Air Floor is simply a means of distributing conditioned air from a central supply to the various points in a building where it is admitted to offices and other areas in the proper proportion so that the temperature called for by the occupants is maintained.

The central plant is typical of any high velocity dual-duct system. It feeds conditioned air (hot or cold) to vertical supply headers as in a conventional system. At each floor, secondary horizontal headers deliver air to the Q-Air Cells which have been made available by the air conditioning contractor for this purpose. The air from these two cells is then mixed in proper proportions in response to a thermostat, it also makes possible the conversion of the hot side for supplemental cooling use during the hot months of the year. This seasonal changeover device is an optional feature available exclusively with Robertson’s Aerator, no other terminal has it.

The Robertson Aerator makes possible a system tailored for a two-level performance . . . high CFM discharge during the warm months when a large volume of cooled air is needed . . . and a reduced CFM discharge during the cold weather when heating requirements call for a lesser volume of air.

Therefore, instead of circulating a constant peak volume of air throughout the year, Q-Air Floor brings its seasonal changeover feature into play. When a lesser volume of air is required during the heating season, the level of supply is cut down. This amounts to approximately 65% of the peak cooling requirements. It follows that when the blowers are running at 65% of full capacity, the electric power cost can be reduced by as much as 30% yearly.

When changeover is designed into the system, both header ducts are used to supply cold air during the peak cooling season. Therefore the size of the cold air duct is reduced, and the header duct size is determined by the hot duct. In many instances this size reduction allows the headers to penetrate the structural steel, reducing the area between the ceiling and the floor above.

Because the Q-Air Floor system permits a saving of 6" to 16" between the ceiling and floor above, it can be seen that the overall height of an office building will be substantially reduced. For instance, it can be conservatively estimated that with Q-Air Floor 20 stories can be built in the system.

The BTU requirements of both the heating and cooling of a building are based primarily on the amount of exterior wall area. Therefore a saving of 6" to 16" of wall height between floors for the perimeter of the building can result in a reduction in BTU’s of 4% to 11%. These savings in turn are reflected in a decrease in the size and cost of the mechanical equipment used to condition and deliver the air. Therefore Q-Air Floor can save as much as 5% construction costs; 4% to 11% reduction in BTU’s and 30% yearly power costs if the Robertson Aerator is incorporated in the system.
1
FORTIFICATIONS
1275
Aigues-Mortes, France

2
I. I. T. BOILER PLANT
1950
Chicago, Illinois, U.S.A
Mies Van Der Rohe
Architect

3
CHRYSLER TRUCK PLANT
1938
Detroit, Michigan, U.S.
Albert Kahn
Architect

4
GATE, FORT SAINT-AND
14th CENTURY
Villeneuve-Les-Avignon,
France

PLATE 18
THE ARCHITECTURAL EMPHASIS OF AN ENTRANCE AS A PREPARATION FOR A SPECIAL OR SPECIFIC INTERIOR

IN FOUR DIFFERENT VERNACULARS—GREEK, ROMAN, MODERN 1930, AND MODERN 1960—BASIC AND PURELY ARCHITECTURAL ELEMENTS HAVE BEEN UTILIZED AND ORGANIZED IN ORDER TO ACCENTUATE THE TRANSITION FROM EXTERNAL TO INTERNAL SPACE. THE DISTINCTIVE FEATURES OF THE ARCHITECTURAL ELEMENTS ILLUSTRATED ARE THE CONTRASTING SIZE OF OPENINGS, THE REVEALS AND RECESSES USED AS A FOIL FOR THE PLAY OF LIGHT AND SHADOW, AND SURFACE TREATMENT HANDLED SO AS TO EXTRACT THE SPECIAL QUALITATIVE PROPERTIES OF THE MATERIALS WHETHER THEY ARE STONE, GLASS, OR CONCRETE.
UNIVERSAL ARCHITECTURAL QUALITIES EXEMPLIFIED IN VARIOUS HISTORICAL PERIODS OF WESTERN CULTURE — EXPRESSING BUT ALSO TRANSCENDING USE, TIME, TECHNOLOGY, CLIMATE AND A DIVERSITY OF SOCIAL AND ECONOMIC FACTORS PERTAINING IN EACH PERIOD

PLATE 18

FORTHRIGHT, CONTROLLED AND EXPANSIVE FORM IN UTILITARIAN STRUCTURES

IN THE 19TH CENTURY THE SCIENTIFIC REVOLUTION PRODUCED AN ATTITUDE WHICH PURPORTED TO TREAT MAN AND SOCIETY IN MECHANISTIC TERMS AND FROM THIS ATTITUDE THE DOCTRINE OF UTILITARIANISM EMERGED. THE AIM BECAME TO PROMOTE SKILL AND ENERGY IN THE DEVELOPMENT OF TECHNOLOGY AND IN THE 19TH AND 20TH CENTURIES WHEN ARCHITECTS RECOGNIZED AND EMPLOYED THESE REVEALED FORCES VIGOROUS AND INCONTROVERTIBLY SATISFYING ARCHITECTURAL REALIZATIONS WERE ACHIEVED.

IN HISTORY THERE HAS ALWAYS BEEN AN ENGINEERING APPROACH TO CERTAIN TYPES OF STRUCTURES DESIGNED FOR MILITARY OR CIVIC PURPOSES AND MANY INTERESTING EXAMPLES SURVIVE.
(a & b)
PROPYLAEA
432 B.C.
Athens, Greece
Mnesicles
  Architect

PORTA AUREA—
DIOCLETIAN'S PALACE
300 A.D.
Spalato, Italy

COURT OF JUSTICE
1960
Chandigarh, India
Le Corbusier
  Architect

TANNHAUSER
ART GALLERY
C. 1930
Berlin, Germany
Luckhardt and Anker
  Architects
Soon in Detroit... the Jeffersonian Apartments tallest in Michigan. Barton-Malow will be on the job, working with the architect, the developer... building today for a better tomorrow.

ARCHITECTS: Giffels & Rossetti, Inc.
OWNER: Arthur Fleischman

BARTON - MALOW COMPANY
General Contractors
P.O. Box 5200
Detroit 35, Michigan

NEW from CRAWFORD

ALL-FLUSH Stylist

a beautiful de luxe door for single or double garage at ordinary price

1. ALL-FLUSH, ONE-PIECE, FULL WIDTH PANELS outside and inside; wonderful for colorful decorator effects. All Crawford Marvel-Life Hardboard, weatherproof, almost indestructible.

2. GENUINE REDWOOD inner frame.


4. STEEL REINFORCEMENTS on double doors.

5. SECTIONAL CONSTRUCTION; the best. Glides up and over; no swing-out, no projections.

6. CRAWFORD MARVEL-LIFT MECHANISM, world’s finest; two million in daily use. Or, Crawford Budget Mechanism.

7. Push-button control from your car by G.M. Delco-matic Garage Door Operator (optional), the ultimate in modern convenience and comfort.

8. Sold, installed, guaranteed, serviced by the famous Crawford organization; your assurance of satisfaction.

Here’s more door for the money than ever before —beautiful, de luxe, full-width, one-piece panels and real custom construction for strength and durability. The trapped-air insulation in the honeycomb core makes this a good door for attached garages under living quarters. And, it is fire-resistant. In section, the Stylist has about half the bulk of a conventional door, a feature which will appeal to many architects. Standard models are plain but any desired arrangements of windows in practically any shape can be supplied. Available with nylon tire rollers for extra quietness. Your local Crawford distributor will gladly show you a cut-away section of the Stylist. Look for him under DOORS in your classified phone book. Crawford Door Co., 20295 Hoover Road, Detroit 5, Mich.
The Case for Cooperation

Wherever free men gather there will be voluntary associations, and wherever businessmen gather there will be trade associations. Associations are formed to accomplish a variety of desirable objectives for their members which they cannot do for themselves, by themselves. That those who design and build believe in this concept of strength through unity is evidenced by the fact that practically every profession or trade in the construction industry supports its own association. Unfortunately, the belief in strength through unity apparently stops with the limited and narrowly defined self-interest of each particular trade group. The end result is an industry characterized by conflict between its groups and unable to move as an industry toward solutions of its broad industry-wide problems.

There are legitimate differences of opinion, and there is a place for informed competition. But there are many areas in which the conflict and the competition extend beyond proper boundaries and hampers the development of programs of benefit to the industry and to the public.

For instance, each year the industry faces stiff demands from labor and seemingly comes off second best. The unions, with the permission of management, split the industry into segregated groups while they unite to force pattern setting settlements upon the weakest group. More often than not, the result is a series of contracts tempered not by the strength of the industry, but dictated to all trades by the group least able to resist unreasonable demands.

Legislation represents another area in which the industry suffers because of its disjointed approach. Most legislative sessions are distinguished by the large number of bills introduced which if enacted could seriously jeopardize the future of your firm, or perhaps legislate it out of existence.

How do we meet the problem? A few associations do have their own experienced legislative representatives. The majority depend upon their trade association staff people or members to do a part-time job of defending their interests in Lansing, Washington, or their local communities. It is not uncommon for associations to take conflicting positions on the same piece of legislation without, in many instances, ever knowing the position taken by other associations in the industry. Particularly at the state and local level, there is no one effectively defending or promoting the broad overall legislative interest of the construction industry. The time in which this type of legislative representation can be effective is drawing to an end. Legislators are almost unanimous in their criticism of those who constantly oppose without advancing constructive counter proposals. The construction industry must soon stand for something or be compelled to submit to anything.

In California, the record of the Construction Industry Legislative Council demonstrates what can be accomplished in the way of positive action in behalf of construction. In 1961, the CILC drafted and introduced five bills which the industry sought as desirable. All five were signed into law by the governor. Of sixty-seven bills supported by CILC, fifty were signed by the Governor, four were vetoed and thirteen were killed. The CILC opposed one hundred and five bills as harmful to the industry. Only one became law.

An oversupply of contractors in relation to the volume of construction available has led to low or non-existent profits and a high rate of bankruptcies. In some states, the industry has united to limit the number of competitors through prequalification and licensing. In California, contractors must be licensed. Thirty-eight percent of those who apply fail to qualify. Those who failed represent a competitive element, undesirable for a variety of reasons, which in a state without licensing such as Michigan are allowed to compete with the qualified contractors.

Is it unreasonable for the industry and the public to insist that a contractor be competent and have the financial capacity to satisfactorily complete the job he undertakes? We would suggest that now, when the problem of unreasonable competition is most apparent, is the time for the industry to draft its own licensing requirements with administration not in the custody of public officials but in the hands of the industry itself.

The counterpart of restricting the number of competitors is greater volume. Any substantial increase in volume will depend upon reselling Michigan as a prime industrial location. New industrial job opportunities not only mean new plants but new schools, churches, stores, office buildings and other buildings to service the people. Here again, the industry is noticeably lacking in the development of, or participation in, programs which are designed to make the state more attractive to industry.

A by-product of the conflict is a poor public image for construction. The industry has no program which utilizes its leadership in positions of influence in the community.

The construction industry should consider a concerted, broad public relations effort to sell the necessity for responsibility, craftsmanship and quality in construction. When members of the industry complain among themselves about the irresponsible and the cheat, who can blame the public for taking the cheapest price. Has the industry ever brought itself together to explain to the building public that the specification is the quality of the various component parts of his building, and that a below-cost bid can rob him of the quality specified by the architect. And each time this happens, some of the cost of preparing that specification is wasted. How many owners recognize that only the integrity and performance of the contractor can guarantee him the same building the architect specified.

This outlines but a few problems of the industry which can be met more effectively through a united effort. There is strength in unity, and an industry-wide approach, with competition relegated to its proper position can bring a new level of maturity equal to, or surpassing that achieved by other industries when they began to differentiate between problems best met through competition, and those best solved through cooperation.
For Sheer Beauty and Functional Usage

STAIRBUILDER UNITS...

Provide a full range of Versatility in Design.

These prefabricated, one-piece, steel reinforced Units are flexible, durable and economical... being less expensive than metal pan stairs.

The uniformity of permanent metal risers and treads is assured.

Protection of the nosings by risers permits earliest installations of Stairs... and ready access to upper floors by all job-site labor.

Forming, which requires skilled labor, is reduced to the barest minimum.

The speed and simplicity of installation of these Units greatly contributes to lowering the cost of Stair Construction on any project.

Photographs Portray Typical Installations

Fabricators of America's Foremost Stair Units
Write for Brochure and Bulletins

Phone: LI 8-9393

Stairbuilders

Local Representative

Williams Equipment and Supply Co., Inc.
486 W. Eight Mile Road, Hazel Park, Michigan

Keep Up to 15° Cooler
The Easy Way!

Put this amazing window and door screen on the Sunny Side of your house

- Exclusive louver design blocks hot sun and flying insects outside — lets cooling breezes right through!
- In daytime, you see out, others can't see in!
- Helps prevent sun-fading, saves air-conditioning money!
- Minimum maintenance! Made of strong, rustproof aluminum.
- 18" - 48" wide. Fits standard frames. Or, do it yourself with handy Kaiser Aluminum ShadeScreen frames.

Advertised on Maverick

Kaufmann Window and Door Corp.

12891 Mt. Elliott • Twinbrook 3-2000 • Detroit 12, Michigan
GREEN VALLEY SCHOOL: DUAL ENVIRONMENT FOR CHILDREN AND COMMUNITY

A NEW PARMA, OHIO, ELEMENTARY SCHOOL plays a dual role now frequently required of modern schools. Green Valley school is the daytime "home" for children; in the evenings and on weekends, it is the community center for persons of all ages.

As the use of schools expands to year-round, as is happening at Green Valley, a problem appears for school boards, administrators, and architects. How do you construct the new school that performs its dual social purposes, and is structurally sound and durable at a reasonable cost, without sacrificing an environment that will stimulate learning? Is the school to be reduced to a big compact box that resembles a warehouse in order to have it last as long as possible and with minimum costs of maintenance?

Green Valley school is an example of a solution in which the educational environment and multiple community use go hand in hand. Paul W. Briggs, superintendent of the Parma school system, calls the school a "complement to the neighborhood," because it is a source of year-round education and of pride to the community.

A very basic reason for the Green Valley school solution was the adherence by architects and contractors to a request that the school should be "friendly to children." Superintendent Briggs said this was one of the first requirements given to the architectural firm, Heine, Crider and Williamson of Berea, Ohio.

As a result, an environment that encourages, rather than dulls, young minds was literally built into the school before it opened for its first full year in September, 1961. To achieve this "ready made" environment, which readily adapts itself to community use, the architects developed an uncluttered modern design of brick and glass, and a color scheme strikingly removed from the traditional red schoolhouse.

Green Valley school has 15 classrooms, plus a special instruction room, for a capacity of 550 pupils, a central court area, an auditorium-cafetoria-play room, an outdoor play field, and library. Planned around a one level, L-shape design, these areas provide multiple use of space necessary for its dual role.

Basic materials were chosen that, in color and texture, would blend with the design, help create the environment, and would hold maintenance as low as possible over the school's useful life. After studies of the decorative and maintenance values of materials, Tebco face brick, manufactured by the Evans Brick Co., Uhrichsville, Ohio, was specified for "high use" areas on exterior and interior walls.

It was in the selection of the basic color that there was a departure from the traditional red or tan brick. Outside and inside walls, the administration offices and several corridor walls are in midnight gray brick.

One of the most distinctive areas of the school is a 50-foot long, ceiling-to-floor serpentine wall of midnight gray Tebco brick that divides a main corridor from the multi-purpose room. Along the corridor side of the large wall, which faces the interior court, three wooden benches each eight-foot long are set into the serpentine curves.

Located just off the lobby of the main entrance, the court area admits natural light into the school interior, and relieves the confines of the corridor walls. Typical of the Green Valley school design, it links outdoor and indoor spaces, and adds to the stimulating environment.

Green Valley school brings the outdoors inside another way by opening half of the classrooms directly to the outside. At each entrance, a ceiling-to-floor brick dividing panel is placed inside to form a miniature lobby for protection against weather and for ease of maintenance. Additionally, these panels provide decorative value and make maximum use of space by serving as display areas.

While the use of corridors has been reduced to a minimum, the multi-purpose cafeteria has been designed for the ultimate in activity. It has a 76-foot by 50-foot space that offers complete flexibility; yet its maintenance time and cost is negligible compared to the use it receives from the community as well as the students. This room and an adjacent kitchen are set up on a community basis as half of the school's dual role.

Wall areas in the multi-purpose room are in the midnight gray brick, which will allow economical maintenance. And, since the serpentine wall forms one side of the room, a pleasant and attractive design is added at no extra cost.

On the school's exterior, glazed solar screens and glass blend with the brick in clean lines of modern architecture. Non-structural ornaments are avoided, and the brick reduces maintenance costs.

Green Valley school is tailored to its surroundings. Its brick construction graces the wooded site and the neighborhood of single-floor modern brick homes.

Construction cost for 31,453 square feet was within $13; total general construction cost, including grading and paving, was $470,000. Green Valley school was built at a cost of $100,000 under what was paid for a school of similar capacity six years ago in the Parma school system.

Plenty of natural light and easy access to the outdoors, as in the court above, are featured. Two classroom wings off the court area form an L-shape design. A large serpentine Tebco brick wall (background) adds to the pleasant environment of the court and inside corridors as well as administration offices and classrooms that face the court area.
ARCHITECTURAL HORIZONTAL-SLIDING ALUMINUM WINDOWS FOR SCHOOLS GIVE ADDED EMERGENCY DESIGNED EXITS

CARY EAST HIGH SCHOOL, CARY, ILLINOIS
PERKINS & WILL—ARCHITECTS • POWER CONSTRUCTION CO.—GENERAL CONTRACTORS

FOUR SEAZONS WINDOW CORP.
1561 E. 8 MILE RD., FERNDALE 20, MICHIGAN

Stevens provides quick delivery at reasonable prices on these top quality building materials

BRICK
Michigan's widest selection of brick. Large local stock.

SOLAR SCREENS
Glazed, Unglazed and Terra Cotta.

MASONRY SAW BLADES
A blade for every purpose. Saws for rental or sale.

ANTI-HYDO
Waterproofing, floor hardening, dustproofing, silicone surfacing and concrete accelerating.

SURE KLEAN
For all types of masonry and stain removing.

SALT GLAZE
Brick size, tile size and partition.

CERAMIC STRUCTURAL
Glazed TILE
From leading manufacturers in all sizes and colors.

ACOUSTICAL TILES
Structural glazed in 5 x 12 and 8 x 16 units.

TERRA COTTA
In both Ceramic Veneer and Architectural. Robco Vitri-Neer.

QUARRY TILE
Wide variety of sizes and shapes. Also with abrasive surface, waxed and safety treads.

HOLLOW METAL DOORS, FRAMES AND HARDWARE
A hollow metal door for every purpose. New Stev-a-Dor package door unit including door, frame and hardware is immediately available from stock in a wide range of standard sizes.

SEWAGE UNDERDRAIN FILTER BOTTOM BLOCK
Glazed vitrified.

FLOOR BRICK
A full line — smooth, abrasive, acidproof, non-skid and other types.

CONCRETE ACCESSORIES
Full line includes wall ties, mesh reinforcement and other items.

CONCRETE COLUMN MOLDS
Round steel or fibre column molds, fibre shaft forms, drop heads, steel clamps.

METAL PARTITIONS
A complete line of metal toilet partitions in a variety of sizes and styles.

CALL, WRITE OR VISIT TODAY. BUILDING MATERIALS DEPARTMENT

frederic b. STEVENS, inc.
TASHMOO 5-0725 1800 18TH STREET AT VERNOR HIGHWAY

June ’62 Monthly Bulletin
NEW SKYSCRAPER FOR DETROIT

STEEL CEREMONIES for Detroit's first skyscraper in thirty years for major public occupancy took place on April 16.

A thirteen-ton column was raised near the center of the new Detroit Bank & Trust Company Building's sub-basement floor symbolizing the six thousand tons of structural steel to be used in the twenty-six floor structure.

Leading a temporary crew of "workmen" who anchored the column in place was Detroit's Mayor Jerome P. Cavanagh. The mayor was assisted by R. C. Palmer, president of the R. C. Mahon Company, steel fabricators for the building, Jerome Minskoff of Sam Minskoff & Sons, builder-owner, and Raymond T. Perring, president of The Detroit Bank & Trust Company, principal occupant of the building.

Among those attending the ceremony were Alvin E. Harley, President Julian R. Cowin; Arthur K. Hyde, Fred M. Harley and Robert J. Domke from Harley, Ellington, Cowin & Stirton, Inc., architect-engineers for the building; and from The R. C. Mahon Co. were Board Chairman Walter F. Sheets, President R. C. Palmer, W. E. Willard, D. J. Dugan, G. Walter Scott and John Fitzpatrick.

Following the ceremony, a continental breakfast was served.

The use of cellular steel decking in the building will permit easy distribution of electrical and telephone wiring.

When the superstructure for ten floors of the building has been completed, work will begin on applying the pre-cast concrete panels which will form the facade of the building.

Ground was broken for the 16-million-dollar building November, 1961, with completion scheduled for mid-1963.

The Detroit Bank and Trust Company will occupy approximately one-third of the building. These offices in the new structure—along with the bank's present trust building which adjoins the site—will serve as the new main office of the bank.

A three-story, glass-enclosed link will join the two buildings.

By TED SEEMEYER

Michigan Society of Architects
CALL SPITZLEY FIRST!

SPITZLEY CORPORATION

for Plumbing, Heating, Industrial Piping, Power Piping, Ventilating, and Air Conditioning

INDUSTRIAL AND COMMERCIAL SYSTEMS INSTALLED—REPAIRED REMODELED

1200 W. Fort St., Detroit 26, Mich. • Woodward 10840
2217 W. St. Joseph St., Lansing 4, Mich. • Ivanhoe 7-5981

PLUMBING • HEATING • INDUSTRIAL PIPING • PIPE FABRICATING • VENTILATING • AIR CONDITIONING

CHOOSE YOUR KURTZ BRICK FOR "BUILDING BEAUTIFUL"
from the finest and largest brick display in the world

Mr. Paul Kurtz extends his personal invitation for you and your client to browse through this extravaganza of the finest in building brick. You will find it an educational and pleasing way to select your brick.

If you wish a guided tour through this unique display, call Mr. Kurtz.

YOU'RE ALWAYS WELCOME AT THE

KURTZ BRICK CO.
14183 WYOMING Texas 4-4411 DETROIT 38

4 Blocks South of John Lodge X-way, Wyoming Exit
M. DEN BRAVEN, one of Detroit's oldest firms in the sheet metal, ventilating and air conditioning business, is celebrating its fiftieth anniversary this June. Founded in 1912 by M. Den Braven, who has retired and now lives in Florida, the company is carrying on in the second and third generation respectively with his son, A. Den Braven, President; and grandson, D. Den Braven, Vice President. The firm is located at 9080 Alpine Avenue, Detroit, Michigan.

THE E. F. HAUSERMAN COMPANY, Cleveland, Ohio, world's largest manufacturer of movable interior walls, has established an acoustical ceiling contracting office here at 485 West Milwaukee Avenue, Detroit 2, Michigan.

The Hauserman Company recently entered the ceiling contracting business with its Criterion series of incombustible acoustical ceilings to be sold on an installed complete basis. The local branch has been staffed with acoustical ceiling sales and erection specialists capable of handling every detail of a ceiling contract including manufacturing, engineering, delivery and installation.

The new Criterion line will include ceilingings of fiber glass, mineral wool, asbestos fiber, steel, aluminum and combinations of materials.

The Hauserman Company pioneered the idea of single contract responsibility for building materials almost fifty years ago. Basically, single contract responsibility means that an architect, contractor or owner gets a single source of responsibility and information for seeing that a building component is designed, manufactured and installed to specifications and on schedule.

In addition to the Detroit office and the territory it serves, Hauserman acoustical ceiling contracting offices have been established in 12 other metropolitan areas throughout the country.
Southeastern Electric Co., Inc.
(Established 1926)
ELECTRICAL CONTRACTORS

- Industrial
- Commercial
- Institutional

Telephone:
Walnut 1-3863

7040 Farnsworth Avenue
Detroit 11, Michigan

JOHN E. GREEN CO.
INCORPORATED
MECHANICAL CONTRACTORS

Our 53rd Year

Detroit, Michigan Townsend 8-2400
Saginaw, Michigan 753-1446

FOR PRECISE EXECUTION OF YOUR INTERIOR DESIGN
You Can Depend On . . .
- HAUSERMAN MOVABLE WALLS
- HAUSERMAN ACOUSTICAL CEILINGS

Only Hauserman offers single contract responsibility for both movable walls and acoustical ceilings . . . handles every detail of your wall and ceiling design from initial order through engineering, manufacture, delivery, installation and subsequent service.
For complete details write or call:
The E. F. Hauserman Company
485 West Milwaukee
Detroit 2, Michigan

June '62 Monthly Bulletin
MSA, AIA
MICHIGAN SOCIETY OF ARCHITECTS
AMERICAN INSTITUTE OF ARCHITECTS

Roster of Offices in Michigan, Total 324
May 1, 1962

Editor's Note: we solicit the assistance of the architectural offices in Michigan for corrections or additions to this list.

ADRIAN
Faulhaber, Francis A., 128 E. Maumee ............ CO 5-5509

ALBION
Dean, Frank E., 219½ S. Superior, Box 207 .... NA 9-2011

ANN ARBOR
Albano & Olencki, 1158 Pomona Rd. .......... NO 3-5558
Anicka, W. T. & Assoc., 2300 Washtenaw .... NO 2-4401
Colvin, Robinson, Wright & Assoc., ......... 206 E. Euron
Daniels & Zrmaek Assoc., 3372 Washtenaw .. NO 8-6979
Hammarskjold, Edward, 336 Nickels Arcade .... NO 2-5554
Hamnett, Ralph W. Assoc., 321 S. Main St. ... NO 2-0936
Kainlauri, MacMillan, Millman, Assoc., Inc., 2311 Shelby
Kasurin & Kasurin & S. R. Bragg, State Bank & Trust Bldg. . NO 3-4613
Lane, Charles W. & Assoc., 3366 Washtenaw . NO 3-0586
Livingston, James H., 3384 Washtenaw ....... NO 8-6796
Loree, Douglas, 120 N. 4th St. ................. NO 2-7404
Metcalfe, Robert C., 1052 Arlington Blvd. ... NO 3-1417
Muschenheim, William, 1251 Heatherway .... NO 2-7564
Sanders, Walter B., 90 Barton North Dr. ....... NO 2-9292
Tanner, Thomas S., 308-10 S. State St. ....... NO 3-1700
Van Osdel, Nathan K., Jr., 1318 Granger Ave. NO 3-8375

BATTLE CREEK
Binda, Guido A., 231 Capital Ave., N.E. ....... WA 8-6171
Broecker, Erwin L., 527 Capital, N.E. ......... WA 4-1063
Burgess, John H., 128 Lakeview ............... WO 8-6976
Haughhey, Black & Williams, 616 Post Bldg. . WO 8-8179
Lane, Richard, 11 N. Washington Ave. ....... WA 2-2531
Sarvis, Belson & Vanderloeg, 258 Champion ..... WO 2-6291

BAY CITY
Brysselbout, Starke & Hacker, Inc., P. O. Box 748 . TW 4-4527
Goddeyne, Joseph C., 417 Bay City Bank Bldg. . TW 5-5453
Morris, Wexolx & MacMillan, Archts. & Engrs. 55 Bay Shore Dr. . MU 4-8921

BENTON HARBOR
Hatfield, Wayne C., 150 Higman Park .......... WA 5-7200
Niehaus, Craig A., 1125 Pipestone .......... WO 5-0821
Van Dongen, H. W., 250 Colfax ............... WA 6-8137

BERKLEY
Dise, J. Ivan, 3269 Ellwood St. ............... LI 2-2953

BIG RAPIDS
Sleeper, Charles E., 312 Oak St. ............... 796-8344

BIRMINGHAM
Birkerts & Straub, 287 E. Maple ............... MI 4-0202
Bissell, Edward E., 1184 Edgewood ........... MI 4-5903
Dworski, Joseph, 1080 N. Woodward .......... MI 6-0016
Frost, Wallace, 277 N. Bates ................ MI 4-6711
Jickling & Lyman, 201 Daines ................. MI 7-1050
Keyes, Hugh T., 230 Daines ................... MI 6-9807
LaRoy, Wesley E., 4691 Haddington Lane ..... 647-1791
Loizon, John W., 240 Park .................. MI 7-0150
Morgan, John P., 1675 Norfolk Dr. .......... MI 4-0060
O'Dell, Hewlett & Luckenbach, 950 Hunter Blvd. NO 4-5897
Paulsen, S. Glen, 170 N. Woodward .......... MI 2-9504
Sachs, Melvin H., 6052 Northfield Rd. ....... MA 6-5809
Schowalter, Leo J., 1562 Fairway ........... MI 4-1158
Smith, Linn, Associates, Inc., 894 S. Adams .. MI 6-3700
Stickel, Frederick & Associates, 286 E. Brown St. MI 6-7000
Yamasaki, Minoru & Assoc., 1025 E. Maple Rd. . MI 6-8400

BLOOMFIELD HILLS
Begrow & Brown, 20 E. Long Lake Rd. ....... MI 6-8877
Desur and Reese, 1542 N. Woodward ......... 646-9030
Swanson Assoc., Inc., W. Long Lake Rd. .... MI 4-2440
Tarapata, MacMahan, Assoc., 1591 Woodward Ave. MI 6-8444

BRIGHTON
Kelley, Don J., 3842 S. Towerline ......... PL 5-7059

CHELSEA
Lindauer, Arthur L., 260 Fletcher Rd. ......... GR 9-7124

COLDWATER
Fair, Jerry, 2 W. Chicago St. ................. BR 8-2322

DEARBORN
Bennett & Straight, Inc., 22234 Ford Rd. .... CR 8-7500
Clark, Erroll R., 13726 W. Warren .......... 846-9290
Coomey & Lyman, 14940 Michigan 2 ....... LU 2-6134
Cuthbert & Cuthbert, 22208 Ford Rd. ....... LO 5-9420
Davis, Stanley J., 23439 Michigan .......... CR 8-0244
Jahr-Anderson-Machida Assoc., Inc., 15011 Michigan ....................... TI 6-8113
Kissing, Stewart & Assoc., 1310 N. Telegraph Rd. . CR 4-3200
MacGregor & Sherman, 1824 Grindley Pk. . LO 1-9303
Nordstrom-Samson & Assoc., 3331 Greenfield . 852-8864
Owens, S. L., 2310 Greenfield ................. LT 1-9007
Schmiedeke & Storrer, 1800 Grindley Park 8 LO 2-3900
Shanayda, Michael, 17481 W. Outer Dr. .... LO 5-5397
Vieary, Harry C., 22148 Michigan .......... LO 1-0628

DETOUR
Agree, Charles N., Inc., 14330 W. McNichols, 35 DI 1-8434
Bankes, Hurles E., 3010 Puritan, 38 ....... DI 1-2594
Basso, Victor J., 301 W. 8 Mile Rd., 3 ...... TW 3-0110
Bauer, Leo M. & Assoc., 534 Free Press Bldg. 26 WO 1-1874
Becker, Byron H., 1210 David Stott Bldg., 26 WO 2-2695
Black, Kenneth C. & Assoc., Inc., 355 Red Cross Bldg., 1 .... H61-4259
Blakelee, L. Robert, 18218 Stoeelp, 21 ....... UN 3-3888
Boddy, Benjamin & Woodhouse, Inc., 26 W. Adams, 26 WO 1-2386
Broecker, Erwin L., 22128 Grand River, 19 KE 2-8080
Brown, H. Sanborn, 14045 W. Seven Mile Rd., 35 DI 1-3500
Calder, Ralph R., 1212 Kales Bldg., 26 ..... WA 8-6333
Calder, Robert F., 18100 Greenlawn, 21 .... UN 1-5174
Confer, Earl L., 14000 Strathmoor, 27 ...... BR 2-1120
Cox, Frank E., 18136 Snowden, 33 ......... UN 3-7257
Crane, Kiehler & Kellogg, 112 Madison, 26 WO 2-2749
Des Rosiers, Arthur, 18590 James Couzens, 38 UN 4-2500
Dielh & Diehl, 120 Madison, 26 ............. WO 5-1872
Donaldson & Meier, 16040 W. McNichols, 35 BR 3-7840
Paker, Lester, 23716 Schoolcraft, 39 ....... KE 5-2027
Feld, Irvin D., 7777 W. Chicago, 4 ........ WA 3-8553
Fisher, Harold H. & Assoc., 616 Temple, 1 ....... 833-0171
Fortney, Ralph, 1002 Francis Palms Bldg., 1 WO 2-2760
Gabler, Cornelius, L. T., 3300 Book Bldg., 26 WO 3-8963
THE DONALD MILLER COMPANY
Mechanical Contractors

WAlnut 4-9800
3250 Bellevue Avenue · Detroit 7 · Michigan

BROADWAY 3-2500
Walter L. Couse & Co.
GENERAL CONTRACTORS - INDUSTRIAL - COMMERCIAL - PUBLIC BUILDINGS
12740 LYNDON AVENUE
DETROIT 27, MICHIGAN
Skill - Integrity - Responsibility

SHAW, WINKLER, INC.
14855 Ward Ave., Detroit 27, Michigan · Vermont 8-0500
Lansing Branch: 4910 Dawn Avenue, East Lansing, Michigan · EDgewood 2-3796

Uni-flé
Engineered Air Distribution
ELECTRIC - ELECTRONIC
Automatic Controls

Complete Service Coverage Throughout Michigan

R. L. DEPPMANN CO.
DETROIT · SAGINAW · GRAND RAPIDS
Need any more reasons for insulating masonry walls?

We have them. Zonolite Masonry Fill Insulation often pays for itself before the building is begun, because it reduces thermal transmission so effectively that smaller heating and air conditioning units can be used. Cuts fuel bills thereafter, increases comfort, reduces sound transmission. For complete information, write:

ZONOLITE
ZONOLITE CO.
14300 HENN AVE., DEARBORN, MICH.
D. J. ZABNER & CO.
CONSULTING ENGINEERS
MECHANICAL – ELECTRICAL

OUR PRIZE WINNERS – ANNUAL MSA DRAFTSMEN’S COMPETITIONS
1960 — Grand Prize — Harvey T. Hendricks
1960 & 1961 — 1st Prize Electrical — Frank J. Martilotti
1962 — 1st Prize Mechanical — Harvey T. Hendricks
1962 — 2nd Prize Electrical — Frank J. Martilotti

10232 WEST McNICHOLS ROAD • DETROIT 21, MICHIGAN • UNIVERSITY 3-5550

CREATE
BEAUTY
BY USING
FACE BRICK
BEFORE SELECTING YOURS
SEE
CENTURY BRICK COMPANY
14910 LINWOOD AVE. • DETROIT 38, MICHIGAN

MAINTENANCE ENGINEERS, INC.
INDUSTRIAL AND COMMERCIAL PIPING
MECHANICAL CONTRACTORS

3610 North Dort Highway • Flint, Michigan • SUNset 7-2529

WALBRIDGE, ALDINGER COMPANY
1916—1962

GENERAL CONTRACTORS

19101 WEST DAVISON AVE.
DETROIT 23, MICHIGAN
PHONE 838-7510

THE JOHN H. BUSBY COMPANY

ELECTRICAL CONTRACTORS

WOODWARD 1-1681 826 CHERRY STREET DETROIT 1, MICHIGAN

ARROW STEEL CO.
STRUCTURAL STEEL AND STEEL JOISTS
12115 CLOVERDALE AVENUE, DETROIT, MICH., WEBSTER 3-0026

JUNE '62 MONTHLY BULLETIN
THEREFORE, when we build, let us think that we build forever. Let it not be present delight, nor for present use alone, let it be such work as our descendants will thank us for, and let us think, as we lay stone on stone, that a time is to come when those stones will be held sacred because our hands have touched them, and that men will say as they look upon the labor and the wrought substance of them, "See this our fathers did for us."—JOHN RUSKIN

Our building creed since our beginning, over fifty years ago

GEO. W. AUCH COMPANY
GENERAL CONSTRUCTION
ESTABLISHED 1908
3646 MT. ELLIOTT AVENUE Détroit 7, MICHIGAN

Detroit Acoustical Contracting Company
Using
SIMPSON PCP
CELOTEX Acoustical Products
OWENS-CORNING FIBERGLAS Acoustical Products
WOOD CONVERSION CO. Lo-Tone & NuWood
NEW ENGLAND LIME CO. Kilnoise
ROLLFORM, INC. Suspension Systems
BESTWALL GYPSUM CO. Ceiling Board

21795 WEST 10⅓ MILE ROAD
SOUTHFIELD, MICHIGAN
KENWOOD 8-2750

SINCE 1907
CHAPPER IRON WORKS, INC.
· STRUCTURAL STEEL
· STEEL JOISTS
· MISCELLANEOUS IRON

FABRICATING • ERECTING • WELDING
12801 Auburn Ave., Détroit 23, Mich. • VE. 6-3313

REINFORCED PLASTICS...
for a new dimension in
ARCHITECTURE
Lightweight • Weatherproof
Functional • Versatile • Etc.
ANCHOR REINFORCED PLASTICS INC.
1831 EAST NINE MILE • HAZEL PARK
TELEPHONE 542-7400

McCAUSEY LUMBER CO.
Established 1927
LUMBER AND MILLWORK
7751 LYNDON AVENUE, Détroit 38, MICHIGAN
UNIVERSITY 1-2523

DETOIT PARTITION COMPANY
MOVABLE PARTITIONS
QUALITY CARPENTRY AND CABINET WORK
DESIGN — ENGINEERING
FABRICATION — ERECTION
15850 Wyoming • Detroit 38
UNiversity 4-2800
GREAT LAKES
Viking FIRE PROTECTION CO.
ENGINEERS-CONTRACTORS
ALL TYPES OF FIRE PROTECTION SYSTEMS

Grand Rapids: 1555 Marshall Ave., S.E. • CH. 5-2141
Grover Hansen, Ted Gustafson, Dick Wood

Detroit: 9900 Northlawn Ave. • TE. 4-8806
Laverne Wiseman, Ken Neracher, Jack Springer, Phil Neracher

Acme Window & Door, Inc.
Division of Pioneer Fireproof Door Company

Hollow Metal Doors & Frames
All Metal Frames Manufactured In Our Detroit Plant

CR 8-5200
2728 JOHN DALY ROAD, INKSTER, MICHIGAN

BEN T. YOUNG COMPANY
WATERPROOFING CONTRACTORS
Michigan Applicators
For An Advanced Concept
In Waterproofing—
"AMELCO"
(Neoprene Modified Asphalt Adhesive and Prefabricated Sheet)

FOR INFORMATION WRITE OR CALL:
19929 Exeter Ave., Detroit 3, Michigan • TW. 3-8272

offering...
a wide range of products and services to architects who demand quality, service and dependability

THE NICHOLS COMPANY
Architectural Interiors
- U.S.G. AIRSON Ceilings
- Cepco POLRIZED & Translucent Ceilings
- U.S. Plywood DESIGN 104 Moveable Partitions

3240 PURITAN, DETROIT 38 • DI. 1-2491

GLASIRON
ARCHITECTURAL PORCELAIN ENAMEL
AT ITS BEST...
- CURTAIN WALLS
- STORE FRONTS
- SHINGLES
- AWNING HOODS
- COPINGS
- SIGNS
- MAINTENANCE

TA 5-2480
WOLVERINE PORCELAIN ENAMELING CO.
3350 Scotten Avenue • Detroit 10, Michigan

GLASIRON
ARCHITECTURAL PORCELAIN ENAMEL
AT ITS BEST...
- CURTAIN WALLS
- STORE FRONTS
- SHINGLES
- AWNING HOODS
- COPINGS
- SIGNS
- MAINTENANCE

TA 5-2480
WOLVERINE PORCELAIN ENAMELING CO.
3350 Scotten Avenue • Detroit 10, Michigan

THE SUPER SINE COMPANY
Manufacturers • Distributors

17131 Van Dyke Ave., Detroit 34, Michigan
Associated with Brown and Raisch Co.

PAUL H. JOHNSON, INC.
General Contractors

Commercial • Industrial • Institutional
We will Build for Lease

KENwood 5-6200
19600 W. McNichols Rd., Detroit 19, Michigan

THE NICHOLS COMPANY
Architectural Interiors
- U.S.G. AIRSON Ceilings
- Cepco POLRIZED & Translucent Ceilings
- U.S. Plywood DESIGN 104 Moveable Partitions

3240 PURITAN, DETROIT 38 • DI. 1-2491

GLASIRON
ARCHITECTURAL PORCELAIN ENAMEL
AT ITS BEST...
- CURTAIN WALLS
- STORE FRONTS
- SHINGLES
- AWNING HOODS
- COPINGS
- SIGNS
- MAINTENANCE

TA 5-2480
WOLVERINE PORCELAIN ENAMELING CO.
3350 Scotten Avenue • Detroit 10, Michigan

of the month...
PALMER-SMITH COMPANY
GENERAL BUILDERS

TEMPLE 3-2114
415 BRAINARD STREET
DETROIT 1, MICHIGAN

THE DETROIT MARBLE CO.
Sales Representative VERMONT MARBLE CO.
Quarriers • Importers • Finishers • Contractors

DOMESTIC & IMPORTED MARBLE & GRANITE
MARKWA — THIN MARBLE TILE
14255 Schaefer Rd., Detroit 27 • BR. 3-7088

R. E. LEGGETTE COMPANY
Established 1933
Acoustical & Building Specialty Contractors

ARMSTRONG Acoustical Products
SANYMETAL Toilet Partitions
CAFCO Sprayed Insulation and Fireproofing
ACCORDION FOLDING DOORS
MOVABLE OFFICE PARTITIONS
VIN-L-FAB Metal Wall Coverings

9335 St. Stephens St., Dearborn, Mich. LU. 4-2000
JACKSON, MICH. SAGINAW, MICH.
P.O. BOX 461 P.O. BOX 604
519 LYON STREET
Pleasant 5-2067

Van Dam Iron Works
Established 1930
STEEL STAIRS & CUSTOM ALUMINUM WORK
ORNAMENTAL & MISCELLANEOUS IRON

1813 Chicago Drive, S.W., Grand Rapids 9, Mich.
Phone: CH. 5-9227 — CH. 5-5243

RANGER ASSOCIATES, INC.
OVER 80 YEARS BUILDERS HARDWARE EXPERIENCE
AT YOUR SERVICE
700 W. 7 Mile Rd., Detroit 3, Michigan
3 Blocks East of Woodward Avenue
893 - 4820
C. G. CONTANT • C. A. RANGER • P. R. YOUNG

JOHN L. MITCHELL CO.
JACK . . . JIM and BILL

VOGEL-PETERSON CO.
Hat & Coat Racks for Schools, Aud, etc.

EQUIPMENT MFG. CO.
School Wardrobes & Folding Partitions

SANDELL MFG. CO.
Thru-Wall Flashings

AMERICAN FLOOR PROD. CO.
Rubber & Vinyl Link Mats & Treads

TIMBER SHELF, INC.
Prefabricated Storage Shelving

120 MADISON AVE., DETROIT, WO. 3-7270

Acorn Iron Works
INCORPORATED
FABRICATORS & ERECTORS OF STRUCTURAL
STEEL AND MISCELLANEOUS IRON

9260 Freeland Avenue, Detroit 28 • TExas 4-9090

June '62 Monthly Bulletin
Chapter National Electrical Contractors Association

DETOUR ELECTRICAL

PERRY T. SHILTS
Secretary-Manager

CONTRACTORS ASSOCIATION, Inc.

2012 Book Bldg. • WO. 3-1216 • Detroit 26, Mich.

BAllARD ELECTRIC COMPANY
13827 Puritan, Detroit 27, Michigan

BroOKER ELECTRIC COMPANY
13712 Elmira, Detroit 27, Michigan

THE JOHN H. BUSBY COMPANY
626 Cherry Street, Detroit 1, Michigan

CATES ELECTRIC COMPANY
4534 Fernlee, Royal Oak, Michigan

COlONIAL ELECTRIC COMPANY
3816—35th Street, Detroit 10, Michigan

FIFE-PEARCE ELECTRIC COMPANY
6425 Charlevoix, Detroit 7, Michigan

JACK A. FROST
234 Piquette, Detroit 2, Michigan

W. D. GALE, INC.
7145 Tireman Avenue, Detroit 4, Michigan

GEN. ELECTRICAL ENG. CO., INC.
12845 Conant, Detroit 12, Michigan

GRAY ELECTRIC CO., INC.
627 Jones Street, Detroit 26, Michigan

HALL ENGINEERING COMPANY
900 West Baltimore, Detroit 2, Michigan

H. J. HALL & CO.
892 W. Baltimore, Detroit 2, Michigan

HAMILL ELECTRIC COMPANY
2921 E. Grand Blvd., Detroit 2, Michigan

HARLAN ELECTRIC COMPANY
6440 John C. Lodge Expressway, Detroit 2, Michigan

HATZEL & BUEHLER, INC.
2000 Penobscot Bldg., Detroit 26, Michigan

HOWARD ELECTRIC COMPANY
4801 Bellevue, Detroit 7, Michigan

HYDON-BRAND COMPANY
5330 E. Davison, Detroit 12, Michigan

INDUSTRIAL ELECTRIC COMPANY
922 Cherry Street, Detroit 1, Michigan

B. L. KLARR COMPANY
3001 Puritan, Detroit 38, Michigan

J. LIVINGSTON & COMPANY
13800 Conant, Detroit 12, Michigan

LONG ELECTRIC CO., INC.
4543 Nancy, Detroit 12, Michigan

McCLEYARY-HARMON COMPANY
2470 Grand River Ave., Detroit 1, Michigan

JOHN MILLER ELECTRIC CO., INC.
711 Fisher Building, Detroit 2, Michigan

MILLER-SELDON ELECTRIC CO.
1530 McGraw, Detroit 8, Michigan

MOTOR CITY ELECTRIC CO.
671 W. Milwaukee, Detroit 2, Michigan

F. J. OTTOLE CO.
850 W. Baltimore, Detroit 2, Michigan

POST ELECTRIC CO.
6110 Chase Rd., Dearborn, Michigan

REID ELECTRIC COMPANY
6400 Tireman Ave., Detroit 4, Michigan

SARIN ELECTRIC CO.
10425 W. Chicago, Detroit 4, Michigan

SHAW ELECTRIC CO.
33200 Schoolcraft, Livonia, Michigan

SMITH BROTHERS ELECTRIC, INC.
13200 Intervale, Detroit 27, Michigan

SOUTHEASTERN ELECTRIC CO., INC.
7040 Farnsworth, Detroit 11, Michigan

SPAULDING ELECTRIC CO.
1350 Michigan, Detroit 26, Michigan

CHAS. F. THOMPSON ELECTRIC CO.
16535 Grand River, Detroit 27, Michigan

TRIANGLE ELECTRIC COMPANY
4222 E. McNichols, Detroit 12, Michigan

TURNER ENGINEERING COMPANY
464 Brainard, Detroit 1, Michigan

VENTRO ELECTRIC CO., INC.
5850 Chase Road, Dearborn, Michigan

WEBER ELECTRIC CO.
20913 Schoenherr Road, Warren, Michigan
ADJUSTABLE ANCHORING SYSTEMS

SOLVES PROBLEMS OF SECURING RAILINGS TO CONCRETE BY BECOMING AN INTEGRAL PART OF THE STAIR STRUCTURE

- Insures extreme rigidity
- Reduces costly field labor
- Eliminates breakage in masonry
- Adjustable for post alignment

Blumcraft OF PITTSBURGH

GENERAL CATALOG OF COMPLETE BLUMCRAFT LINE AVAILABLE ON REQUEST

Copyright 1962 by Blumcraft of Pittsburgh • 460 Melwood Street, Pittsburgh 13, Pennsylvania