Greetings

From the Membership

The Detroit AGC Chapter

NOW IN ITS THIRTY-EIGHTH YEAR
OF INDUSTRY AND COMMUNITY SERVICE

Albert A. Albrecht Co.               WO. 2-2580
Atkin-Fordon Co.                    TE. 4-4800
Geo. W. Auch Co.                    WA. 1-1190
Barton-Malow Co.                    WO. 1-8252
Bass Engr. & Constr. Co.            JO. 4-6150
Birmingham Constr. Co.              MI. 4-2010
R. D. Boschma Co.                   Ortonville 58
Bryant & Detwiller Co.              WO. 3-4480
O. W. Burke Co.                     TR. 5-0810
Commercial Contracting Corp.        TE. 4-7400
John Cooley Co.                     WO. 1-7190
Walter L. Couse & Co.               BR. 3-2500
Darin & Armstrong, Inc.             UN. 2-3413
Thos. E. Currie Co.                 VA. 2-2518
A. J. Etkin Constr. Co.             LI. 6-3240
Faulkner Constr. Co.                JO. 4-5704
F. R. Flentemeyer                   LO. 7-4208
J. A. Fredman                       FE. 4-0505
George A. Fuller Co.                TR. 2-1172
Fullerton Constr. Co.               FO. 6-3600
Clarence Gleeson, Inc.               BR. 3-1930
Hamer Bros., Inc.                   TR. 5-8620
Industrial Constr. Co.              LA. 7-2414
Joseph-Bour Co.                     FL. 1-9822
Jutton-Kelly Co.                    LU. 1-8300
Loo E. Kuhlman, Inc.                LA. 1-8858
A. W. Kutsche & Co.                 LU. 4-2350
Lerner-Linden Constr. Co.           LI. 6-3440
Leto Constr. Co.                    TU. 1-4892
Henry M. Martens Co.                WO. 1-7932
F. H. Martin Constr. Co.            WO. 1-4890
R. H. McManus Co.                   VE. 5-1400
Palmer-Smith Co.                    TE. 3-2114
Perron Constr. Co.                  TR. 1-8440
C. H. Reisdorf & Sons               WE. 3-6790
Chas. J. Rogers, Inc.               VE. 6-2160
Ward Ross, Inc.                     FE. 4-0591
Alfred A. Smith, Inc.               JO. 4-5930
W. J. Storen Co.                    WO. 3-3316
Stibbard Constr. Co.                TE. 4-5562
Maurice Strandberg Co.              DI. 1-1792
Thompson-Schmidt Co.                UN. 4-9060
F. H. Taylor Co.                    KE. 2-2500
J. A. Utley Co.                     JO. 4-6960
Walbridge, Aldinger Co.             WO. 1-1282
John C. Westphal, Inc.              VE. 7-3605
W. E. Wood Co.                      TY. 6-2950
Wermuth, Inc., Fort Wayne, Ind.     Eastbrook 4535

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

RALPH A. MacMULLAN, SECRETARY-MANAGER, 1437-41 BOOK BUILDING, DETROIT 26, MICHIGAN, WO. 2-6297-8
NOT A SCENE OF PRIMITIVE LIFE—
BUT OF WESTERN CIVILIZATION ONLY 400 YEARS AGO

Marvin Beerbohm painted this picture, based on a woodcut from Olaus Magnus' book on Sweden, 1550 A.D. It shows Swedish peasants working at home in the dark hours. They hold burning wood sticks in their mouths for light. The woman is spinning the flax she has tied to her hair and she carries additional sticks under her belt for future light. How awkward from our viewpoint; smoke, soot, fire hazard and inefficiency in lighting!

The flood of electric light today makes us forget what differences existed in light comfort only a few centuries ago. In antiquity there were only tiny oil lamps with a flickering and soot-releasing flame. As alternatives there were available expensive bee's-wax candles (since 800 B.C.), torches, or the fire from the hearth. But they really made people more aware of darkness and night, rather than relieving them.

In medieval times the situation changed but little. Nowadays we are practically independent of daylight. This big change was initiated by the introduction of kerosene lamps and gaslight in the last century, which demanded constant attention.

Now you switch light of hundreds of candle-power on and off as you please. Everybody participates in this blessing of true democratic technological achievement in the advancement of which Detroit takes so active a part.
A SYMBOL OF THE PAST, reflected an early approach to education.

Many steps in methods and architecture have brought a different symbol to America's landscape — the bold contemporary structure which utilizes maximum space, light and facility. Detroit's Tracy McGregor Elementary School is an outstanding example of this growth.

Our sound reputation in industrial construction and heavy equipment installation is only part of Commercial Contracting Corporation's diversified construction skill. We are particularly proud to have served as general contractor for Tracy McGregor, one of the nation's most beautiful and modern educational institutions.
about MSA Insurance
A large number of individuals have subscribed for the MSA Group Insurance, but approximately 150 more are needed before the plan can be put into operation. There has been widespread interest, judging by the incredibly large number of phone inquiries which some of the officers receive, but, even after laborious explanations, applications are not forwarded. Your officers cannot continue to give so much of their time making repeated explanations. Members should realize that the rates on group insurance never provide for a special individual personal sales effort by either the insurers or the Society on each eligible prospect. Group insurance is unlike regular insurance in that sales and other costs have been deleted to reduce the premiums. The MSA plan provides an outstanding opportunity to obtain insurance at a very attractive price, especially for those in that age group where insurance is most valuable.

The insurer and your Board of Directors believe that a date must be set for terminating the opportunity to make application. We desire once again to point out the characteristics of the MSA Group Plan, which are as follows:

MICHIGAN SOCIETY OF ARCHITECTS
PERTINENT POINTS RELATING TO THE MSA GROUP INSURANCE

1. This insurance is limited, term insurance covering death only. Any dividends earned will be used to reduce future premiums—never returned to the insured.

2. There will be only two types of policies which are:
   (a) Active Member Policies, in the amount of $30,000.00.
   (b) Employee Member Policies, in the amount of $30,000.00 only.

3. Applicants must not be over 70 years of age and must reside in the State of Michigan.

4. Applicants must not be over 70 years of age and must reside in the State of Michigan. Applicants will not ordinarily be required to take a medical examination.

5. The Master policy will be issued to the MSA. Each participating member will receive a certificate of insurance which will state the amount and terms of the contract.

6. Premiums are to be paid in advance on a quarterly basis only to the MSA which will then forward the payments to the insurer.

7. Participation in premium payments by firms or, in the care of "Employee Members", is not required. This is entirely optional.

8. The insured individual retains his full amount of insurance until he attains age 70, at which time it is reduced 50% and is finally terminated upon attainment of age 75.

9. Policies will terminate when the insured—
   (a) Ceases to be an Active or an Employee Member in good standing.
   (b) Ceases to be a partner of an Active MSA member in a partnership engaged in the practice of architecture.
   (c) Ceases to be a fellow officer or fellow director of a corporation engaged in the practice of architecture, of an Active MSA Member.
   (d) Falls to pay premiums when due, or (e) Attains age 75, as provided in A (b), whichever comes first.

10. Upon termination, this policy may be converted to any form of permanent policy being issued by the insurer at the rate of his then attained age.

11. To collect, beneficiaries will contact either the MSA, or any agent of the insurer and obtain the receipt of death form. This form, fully filled in, is to be forwarded to the insurer and your Board of Directors.

The table of contents includes:

- Western Michigan Chapter
- Saginaw Valley Chapter
- Products News
- Competitions

Coming issues:

May—Saginaw Valley A.I.A.
June—Western Mich., A.I.A.
July—Roger Allen & Associates
August—11th Annual Mackinac Mid-Summer Conference

Monthly Bulletin, Michigan Society of Architects, Volume 28, No. 4

Including national architect

OFFICIAL PUBLICATION—National Council of Architectural Registration Boards.

Charles E. Firestone, Canton, O., President; Fred L. Langius, Provo, Utah, 1st Vice-President; Bartlett Cocke, San Antonio, Texas, 2nd Vice-President; Edgar H. Bemers, Green Bay, Wis., 3rd Vice-President; S. Perkins, Chariton, Iowa, Secretary-Treasurer.

Executive Committee consists of aforementioned officers and employers, with appointments by the Council Board of Review: Walter F. Martens, Charleston, W. Va.; Leslie W. White, Jr., Baltimore, Md.; Ralph Edwin Winslow, Troy N. Y.

OFFICIAL PUBLICATION—Detroit Chapter of the American Institute of Architects; Amedeo Leone, President; Suren Pilafian, V-President; Gerald O. Dohle, Secretary; Leo I. Perry, Treasurer; Louis Rossetti; Paul B. Brown, Maurice E. Hammond, Edmond Scaleon, Directors; Talmage C. Hughes, Executive Secretary.

Listed in Standard Rate & Data Service. For further information, see page 1.


Address all inquiries concerning National Council of Architectural Registration Boards to Richard W. Perkins, Chariton, Iowa, Secretary-Treasurer, 156 Lucas Ave., Chariton, Iowa.

Subscription $3 per year (members $1.50), 30c per copy (Rosters $1).
Michigan Life Insurance Company, which will forward the death claim check the same day that the completed form is received.

B. ADDITIONAL POINTS APPLICABLE ONLY TO ACTIVE MEMBER POLICIES (INCOME)

1. Eligibility for this type of policy is restricted to the following:
   (a) Active members of the MSA
   (b) Partners (resident architects or engineers in a partnership practicing architecture) of an Active Member of the MSA.
   (c) Officers and directors (resident architects and engineers) of corporations practicing architecture, one of which is an Active Member of the MSA.

C. ADDITIONAL POINTS APPLICABLE ONLY TO EMPLOYEE MEMBER POLICIES ($3000.00)

(Applicants for "Employee Membership" in the MSA must be recommended by an "Active Member" who must certify that he is, and has been for the previous three (3) months, his employee.)

1. Those eligible for these policies are employees only (architects, engineers, architects and engineering draftsman, estimators, stenographers, etc.), all except office boys and others who cannot reasonably be considered by reason of education and/or experience as permanently associated with the practice of Architecture.

The MSA policy should be particularly attractive to Employee Members as, unlike the usual group policy, it is not cancelled if the member should change jobs, provided his new employer is an Active MSA member—and nearly every practicing architect in Michigan belongs to the MSA. Employee members, therefore, will not lose a policy on which they may have been making payments for some time; they will still have it at no change in premiums.

Your Board of Directors urges that all officers show this article to each of their employees, and point out the advantages of becoming an Employee Member (dues $2.00 per year, including the Monthly Bulletin, and enjoying all the other advantages of Employee Membership including eligibility for this excellent low-cost group insurance.

Applications for both Employee Memberships and MSA Group Insurance may be obtained by writing Michigan Society of Architects, 120 Madison Avenue, Detroit 28, Michigan, enclosing a stamped addressed envelope.

April '54 monthly bulletin!
JOE E. SMAY, A.I.A., Professor of Architecture at the University of Oklahoma, at Norman, Okla., has been elected Third Vice-President of the National Council of Architectural Registration Boards, it is announced by Charles E. Firestone, President of the Council.

Mr. Smay's election came about by the resignation of Bartlett Cocke, of San Antonio, Texas, who was 2nd Vice-President. Mr. Cocke had offered his resignation because he is no longer on his Registration Board. Edgar H. Berners, of Green Bay, Wis., was advanced to 2nd Vice-President.

Joe Smay, a native of Iowa, graduated from Iowa State College in 1923. He taught and began the curriculum in architecture at the University of Nebraska in 1923, was founder and professor, School of Architecture, University of Oklahoma, 1929. He served as President of the Oklahoma Chapter, A.I.A., 1935-37, and President of the Oklahoma Society of Architects, the same year. He was first named a member of the Board of Examiners of Architects, Oklahoma, in 1926. He was reappointed to the Board of Governors of Licensed Architects of Oklahoma in 1952. He is now Secretary of the Oklahoma Chapter, A.I.A. He was chairman of the National Membership Committee of The A.I.A. from 1938 to 1941. He is registered also as an engineer in the State of Oklahoma.

GEORGE WILLCOX, A.I.A., has been appointed to the Carmel, Calif. Planning Commission. He is also Secretary-Treasurer of the Monterey County Citizens' Planning Association.

ST. LOUIS CHAPTER, A.I.A., has elected Robert Elkington, President; Paul Klingensmith, Vice-President; R. W. Bockhorst, Secretary; George R. Otto, Treasurer; Rex L. Becker, Director.

GEORGE T. HIRSCH has been elected President of the Westchester Chapter, A.I.A. He succeeds Harry W. McConnell.

ARTHUR GOULD ODELL, JR., was reelected President of the North Carolina Chapter, A.I.A. He succeeds Harry W. McConnell.

ROSS SHUMAKER, Secretary, Directors are P. Carter Williams, John Erwin Ramsey and Eccles D. Everhart.

WILLIAM R. BROWN has been elected president of the Oklahoma Chapter, A.I.A. Mr. Brown has been registered as an architect in Oklahoma since 1918, a member of The Institute since 1946. The Chapter now has about 100 members.

H. ROBERT WILMSEN is chairman of a group of Eugene, Oregon architects organized as Architects Collaborative, to submit a plan for a new Lane County (Ore.) Court House. Other members are John Stafford, Ralph Bradsworth, Clare Hamlin and Frank Hitchcock. The group is working with the Lane County Planning Commission.

C. GILMAN DAVIS is chairman of the Oregon Chapter. A.I.A. Civic Design Committee, is working with Lloyd Keele, Portland's City Planning Director, on seven seminars aimed at establishing better understanding between municipal planners and the architectural profession.

MICHAEL J. BOCHNIK was reelected president of the Northeastern Pennsylvania Chapter, A.I.A.; Arthur P. Coon, vice-president; James O. Lacey, secretary; Ralph W. Lear, treasurer; Robert A. Eyerman, State director. Chapter directors elected: Emmerson Wilson, Clark Green, Searle VonStorch, Samuel Z. Moszkowitz.

RICHARD L. MEAGHER has been elected visiting critics for the Virginia Polytechnic Institute Department of Architecture for the current semester. A partner in the firm of Wells & Meagher, of Roanoke, he is a member of the Board of Directors of the Virginia Chapter, A.I.A.

DONALD R. ERICKSON is the new President of the Central Washington Architectural Association. He succeeds William E. Paddock. Donald L. Roth was elected Vice-President; John L. Ryan, Secretary-Treasurer.
The General George S. Patton Memorial Pool located at Patton Memorial Park in Detroit, Michigan was conceived with the thought of constant use 12 months per year. It was desired that the pool would approximate, as nearly as possible, an outdoor pool during summer time use... yet be weather tight and condensation free, for operation during the winter.

The architects, working with the Byrne engineering staff, developed the idea of using large sliding doors which nest in pockets to permit wide, unobstructed openings on two sides of the pool for summer swimming freedom. Aluminum, as a building material, was selected because of its non-corrosive qualities. Two sets of doors with heating space between them were constructed and these provide weather-tight condensation-free, winter operation. Bottom wheels, rolling on tracks, and freely running head guide rollers assure smooth, easy operation.

The pool was dedicated by General Patton’s widow, Mrs. George S. Patton. It has been in constant use for several years, averaging over 90,000 patrons per year.

Unique in its field, it is felt that this new conception of an outdoor, indoor swimming pool will serve as a model for similar installations throughout the country.

For information regarding Byrne doors and facilities you may consult Sweet’s Catalog or write direct for our brochure.

BYRNE doors, inc.
1421 East 8 Mile Road, Ferndale, Detroit 20, Mich.
101 Park Ave., New York 17, N.Y.
Cafritz Bldg., Washington 6, D.C.
biddle house
A. N. LANGIUS, Chairman

Last summer the Michigan Society of Architects, at its Mid-Summer Conference on Mackinac Island, created a Biddle House Restoration Committee to consist of representatives from each of the elements of the Building Industry in Michigan. Its purpose aims to restore the Biddle House located on the Island. The House, constructed in about 1818, is a good example of early North American construction. It is in serious need of repair and restoration.

Mackinac Island holds an important place in the history of North America and particularly in the history of Michigan. It is the opinion of the Michigan Society of Architects that the Building Industry should have a part in the restoration of this residence because it was one of the early structures in this area.

To date there have been completed two restorations on the Island, one by the City of Mackinac Island, (The Astor Fur Trading Buildings) and the other by the Medical Profession of Michigan (The Early House now known as the Beaumont Memorial), because of its particular significance to that Profession.

Both structures are on Market Street, the original main street of the Village of Mackinac Island. The Biddle House is also on that street. It is hoped that some day this street, at least in part, can be completely restored and that it will be an attraction for the citizens of this State and others visiting this beautiful and historic Island.

Editor's Note: Mr. Langius called a meeting at luncheon on Friday during the Convention, and it was attended by 20 people representative of the profession and the building industry. Agreement was reached that this project should be undertaken, and a commitment was made to proceed with a survey and tentative plans in order to estimate costs of the restoration. Mr. Warren Rindge, A.I.A., of Grand Rapids, was authorized to carry out this preliminary work.

JOHN G. DRAINIE has been made a member emeritus of The American Institute of Architects, its Detroit Chapter and the Michigan Society of Architects.

Now a partner in the firm of Albert Kahn Associated Architects and Engineers, Inc., Drainie was born in Edinburgh, Scotland, and came to this country in 1895. Before coming to Detroit, he practiced architecture in Harrisburg, Pa., and in Cincinnati, Ohio. He is registered as an architect in Michigan and Illinois and by the National Council of Architectural Registration Boards.

WILLIAM W. LYMAN, JR., A.I.A., has transferred his membership in The American Institute of Architects from the Massachusetts Chapter to the Detroit Chapter, it is announced by Gerald G. Diehl, Detroit Chapter secretary.

THE MICHIGAN STATE BOARD OF REGISTRATION FOR ARCHITECTS, PROFESSIONAL ENGINEERS AND LAND SURVEYORS announces that its next examinations will be held June 15 through 19, at the Rackham Building, Detroit; University of Michigan, Ann Arbor; Michigan State College, East Lansing; Michigan College of Mines, Houghton; Adult Education Center, Jackson; Central High School, Bay City, and the University of Michigan Extension Center in Grand Rapids.

Applications must be in the State Board office, 705 Cadillac Square Building, by May 1, 1954. Further information may be obtained by addressing the Board or telephoning WOodward 2-6217.

CLYDE R. PATON of Birmingham has been elected chairman of the Michigan State Board of Registration for Architects, Professional Engineers and Land Surveyors, to succeed Talmage C. Hughes, F.A.I.A., who has served for the past year.

Henry T. McGaughan of Pontiac was elected vice-chairman and William H. Harvie, also of Birmingham, was elected secretary.

Other members of the Board are Robert B. Frantz, F.A.I.A., of Saginaw; Wells I. Bennett, F.A.I.A., of Ann Arbor, and Professor Wilfrid C. Polkinghorne, of Houghton.

Henry G. Groehn continues as executive secretary and Mrs. Irene Weil as his assistant.

DISTRIBUTORS FOR THE FINEST IN LIGHTING EQUIPMENT FOR OVER FORTY YEARS

Branches
14435 SCHAFFER RD.
13510 E. 7 MILE RD.
4618 GREENFIELD RD., DEARBORN
2400 BIDDLE AVE., WYANDOTTE

Madison Electric Company
Wholesale Distributors
6000 Woodward Ave, Detroit 2, Michigan
Bruce Goff, Chairman of the School of Architecture at the University of Oklahoma, will be the speaker at a meeting of the Detroit Chapter, A.I.A. in the Rackham Memorial Building, April 19. This will be the Chapter's annual joint meeting with its three student branch chapters, at the University of Michigan, University of Detroit, and Lawrence Institute of Technology.

Scholarship awards will be presented from the schools and from the Chapter's annual joint meeting with members of its three student branch chapters, at which Mr. Bruce Goff would be the speaker. In announcing the Chapter project of having Frank Lloyd Wright as speaker at Detroit's Masonic Temple on May 27, he said it was either going to be the biggest thing the Chapter has ever done, or "a terrific fiasco."

Several sculptors entered into the question-and-answer period, as did members of Mr. Jackson's Committee, Messrs. Ulrich Weil and Louis G. Redstone. A great deal of interesting material came out of this program, and it is hoped that similar events can be arranged for future years.

Kimball and Russell maintain a complete stock of Flexivents ready for immediate delivery. Details of all Andersen window units available on request.

Sculpture with Relation to Architecture was the subject of a symposium at a meeting of the Detroit Chapter of The American Institute of Architects in the Rackham Building, following a dinner on the evening of March 24.

President Amedeo Leone presided and reported briefly on the Chapter Board meeting of that afternoon. He announced that the program for the C. Allen Harlan Competition would be published in the next issue of the Monthly Bulletin, that the next Chapter dinner meeting would be the Chapter's annual joint meeting with members of its three student branch chapters, at which Mr. Bruce Goff would be the speaker. In announcing the Chapter project of having Frank Lloyd Wright as speaker at Detroit's Masonic Temple on May 27, he said it was either going to be the biggest thing the Chapter has ever done, or "a terrific fiasco."

Several sculptors entered into the question-and-answer period, as did members of Mr. Jackson's Committee, Messrs. Ulrich Weil and Louis G. Redstone. A great deal of interesting material came out of this program, and it is hoped that similar events can be arranged for future years.
msa 40th convention

About 1,200 people attended the Michigan Building Industry Banquet, closing event of the Michigan Society of Architects 40th annual convention at Hotel Statler in Detroit, March 12. Linn Smith, Society president, presided. Roger Allen was toastmaster. Herman Hickman was speaker. Allen, who had awarded the Society's Gold Medal, and W. Hawkins Perry, president of the Metropolitan Art Association, was made an honorary member. Prizes in the Blue Print Competition were presented by Albert Fuchs of Multi-Color Blue Print Company, sponsor.

Opening the convention Wednesday evening was a semi-professional production based on the national radio program, "This Is Your Life," featuring Clair Ditchy. F.A.I.A., President of The American Institute of Architects. Al Brunner, of radio station WJR, was master of ceremonies. Brought into the program many of Mr. Ditchy's friends, as words and pictures touched upon the interesting episodes in the life of the distinguished architect.

Frederick J. Schoettlev, A.I.A., Chairman of the convention's Entertainment Committee, had planned the event.

At one business session Thursday morning, President Smith presided and reports were heard from officers and committee chairmen, as well as from presidents of the three chapters of The A.I.A. in Michigan.

At luncheon Thursday noon, Charles McGrew presided and Clair Ditchy extended a welcome to members and guests. Following the luncheon, James B. Hughes presided and Joseph N. Lacy was moderator for a symposium on the subject of "Panel Curtain Wall Construction." Speakers were Robert F. Hastings, Edward X. Tuttle, and Eliot F. Robinson, all A.I.A., S. Gordon Saunders, president of Stribucloud, Inc., and R. J. Bush, Project Engineer, Inland Manufacturing Division of General Motors Corporation.

Following the Producers' Council cocktail party Thursday evening, and dinner in the Wayne room of the Statler, Adrian N. Langius, F.A.I.A., president and introduced Mr. William Wislon Wurster, dean of the School of Architecture, University of California, in Berkeley, who spoke on "A Regional Basis for Architecture Design." The Dean, introduced by Mr. Ditchy, illustrated his lecture with slides showing both early and recent examples of architecture in California's Bay Area, as well as in Southern California.

The bus tour Friday morning to the plant of the Mechanics and Farmers Savings Bank, Albany, New York, was of much interest. The use of marble trim with brick wall is a long established tradition in American architecture. It is particularly appropriate for the Georgian design of the Albany bank shown above. The recessed entrance is lightened and fine details of the doorway accentuated by continuation of the exterior marble treatment as veneer wall covering and also for heavier construction at the doorway. All marble work in Vermont Imperial Danby. The dark base course at sidewalk level is of Blue Pearl Granite. Both marble and granite were finished by Vermont Marble Company.

Friday afternoon, Carl A. Scheuller, A.I.A., president and introduced Mr. Robert Newman, acoustical engineer, and faculty member at M.I.T., who spoke on "Design for Good Acoustics."

Many remained over Saturday for a tour of the I.L. Hudson Company's new Northland Shopping Center. Buses were provided, and some went by their own cars.

Of much interest were the material exhibits and display of the Blue Print Competition drawings. Ladies' activities drew as many as 60 for several events. There were about 450 registered, not counting the ladies, who were not asked to register. Approximately one-half of the registrants were architects, the others producers and guests.

Iyall H. Askew, General Chairman of the Convention Committee, and all of his sub-committee chairmen and committee members deserve much credit for the excellent way they planned and carried out the convention program.

Sponsors

The Convention Committee thanks the following firms for sponsoring the Wednesday evening event:


gold medal

Roger Allen, architect and "Fired at Random" columnist of the Grand Rapids Press, was awarded the Gold Medal of the Michigan Society of Architects at its banquet, closing event of its 40th annual convention at Hotel Statler in Detroit, Friday evening, March 12.

The medal, the Society's highest honor, is awarded annually to an architect who has notably contributed to the advancement of the profession of architecture in design, science of construction, or by educational service, service to the Society, or public service.

Allen, now head of the Grand Rapids firm of Roger Allen and Associates, began practice with his father, the late Frank P. Allen, of Grand Rapids. He served as U.S. Naval officer in France during World War I. His firm has been responsible for some of Michigan's most outstanding architecture. In addition to his architectural practice, Allen has made valuable contributions in the field of writing, and his services as a speaker on architectural subjects have been much in demand.

Now a director of the Society, he has served as its president, as well as president of the Western Michigan Chapter of The American Institute of Architects.

The Mechanics and Farmers Savings Bank

ALBANY, NEW YORK

ARCHITECTS

Gander, Gander & Gander

GENERAL CONTRACTORS

Parson-Henderson

THEME: ALL MARBLE

COLOR • CHARACTER • PERMANENCE • LOW MAINTENANCE

crystalline VERMONT MARBLE

VERMONT MARBLE COMPANY • PROCTOR, VERMONT

Branch Offices

Boston Chicago Cleveland Dallas Houston Philadelphia Los Angeles New York San Francisco

In Canada: Ontario Marble Company, Limited, Peterborough, Ontario and Toronto, Ontario

Brews Marble & Tile Company, Limited • Continental Marble Co., Limited, Vancouver, B. C.
This exciting new Truscon development opens entirely new concepts of window walls in steel and glass. Vision-Vent is a new building unit incorporating all mass-production and installation economies of standard steel windows. It is designed to cover entire wall surfaces.

Vision-Vent was developed in cooperation with architects, contractors and building owners. Initial application is a chain of ten hospitals built for the Memorial Hospital Association of Kentucky. Anticipated results of this new Truscon construction method are (1) simplicity of design, (2) weather resistance, (3) low first cost, (4) low maintenance cost.

Each Vision-Vent unit is complete—with fixed lights, awning type ventilators, and insulated steel panels. All elements may be varied to meet functional and appearance requirements. Insulated panels—in colored porcelain enamel or in stainless steel—have a "U" factor of .197, equal to that of an ordinary masonry spandrel wall. They retain interior heat. And, they provide for efficient air-conditioning. Minimum wall thickness provides extra square feet of floor space. Erection goes forward in any weather.

Vision-Vent construction is recommended for use in the design of all types of single or multi-story buildings. Truscon window engineers will be glad to study your requirements, and develop design details and costs. More details in Sweet's, or write:

TRUSCON STEEL DIVISION
REPUBLIC STEEL
DETROIT DISTRICT SALES OFFICE
615 Wayne Street • DETROIT 26, MICH.
Tel.: Woodward 1-3830

TRUSCON® a name you can build on
honorary membership

W. Hawkins Ferry, of Grosse Pointe, Mich., was made an honorary member of the Michigan Society of Architects at the banquet, closing event of its 40th annual convention, at Hotel Statler in Detroit, Friday evening, March 12.

Honorary members, who are elected for life, are chosen from among laymen who have rendered outstanding service to the profession of architecture over a period of at least ten years.

Mr. Ferry, honorary curator of architecture for The Detroit Institute of Arts and chairman of the Library Committee of the Founders Society, has been instrumental in collecting photographs and drawings of architects in the Library's Detroit Architectural Archives. He has written numerous articles on art and architecture, including "Representative Detroit Buildings: a Cross Section of Architecture, 1823-1879," and "The Gothic and Tuscan Revivals in Detroit, 1828-1875." He has also arranged several exhibitions for hanging in The Institute, and for traveling throughout the State.

As chairman of the Metropolitan Art Association since 1947, Mr. Ferry has brought to Detroit such outstanding speakers in the field of architecture as Marcel Breuer, Eero Saarinen, Philip C. Johnson, Buckminster Fuller and Charles Burchard.

His father, Dexter M. Ferry, Jr., and the late Murray W. Sales were substantial contributors toward the new Grosse Pointe Library, and Hawkins Ferry was instrumental in commissioning Marcel Breuer to design it. Some of the Library's beautiful sculptures were donated by Hawkins Ferry.

An architectural graduate, Mr. Ferry has recently designed and built a most creditable housing project on the family estate in Grosse Pointe.

treasurer
ELMER J. MANSOLI

The financial accounts reflect the activities of the Society just as your personal checking account reflects your families' activities. During the past year the accounts indicate the broad scope of the Societies' Activities.

The Harlan Scholarship Fund was closed when Mr. Kent Cooper completed his studies. The Kirin Lighting Competition was concluded at the 1953 Convention. The Multi-Color Blue Print Competition, sponsored by the Society, was awarded the grand prize in the Multi-Color Blue Print Competition, sponsored by the Society.

Edlin Crampton and Robert W. Hammerbrook, both of Midland, received first prize in the architectural classification; Charles W. Anderson and William Jarratt, both of Detroit, received second and third prizes, respectively. Mention were awarded to Oakley Weeks, of Kalamazoo, and Gerald R. Halleck of Detroit.

In the engineering classification, Miss Donna Gallop, of Detroit, won first prize, while Eldine Crompton and H. T. Henderschied, both of Detroit, won second and third prizes, respectively. A mention in this class went to Alex Sementschank, of Detroit.

Purpose of the competition was to encourage better craftsmanship, with particular reference to the reproductive qualities of drawings. Over one hundred and fifty entries were submitted, and winning entries were exhibited at the Society's convention, together with examples of early drawings and reproduction methods Multi-Color Blue Print Company, of Detroit, provided $1,000 in prize money.

The exhibit will be shown in Grand Rapids, in connection with the Western Michigan Honor Awards, in April.

public relations
CHARLES B. McGREGOR, Chairman

Your Committee has been concerned with two major projects during the past year, each of which will be reported on separately as follows:

(1) The group life insurance plan will, it appears, have to be abandoned because of the inability to find time to "sell" each individual member on the feasibility of the policy. The insurance consultants and the insurers cannot make each individual policy holder the object of a special sales effort, and the writer is unable to do so during the time he has available. It appears that the only alternative is to notify the membership that the project will be abandoned if an early acceptance by the members is not soon forthcoming.

(2) The proposed revisions of the A.I.A. General Conditions to the contract have been reviewed at various meetings and appear to be entirely satisfactory. They have been approved by the Society, subject to the approval of all chapters.

In compliance with the request of the Board, I have requested John Cross to give us a letter setting forth his ideas and recommendations and copies of this letter have been sent to each member of the Board of Directors for review and action.

administration
SOL KING, Chairman

During the past year your committee performed its usual assignment of preparing the yearly operating budget of the Society.

We recommended that the Society solicit special funds from the membership to finance its public relations program and were emphatically opposed to an increase in dues.

We solicited suggestions from the general membership for candidates deserving Honorary Membership in the M.S.A., and candidates worthy of receiving the Society's Gold Medal. This method proved to be very helpful and it is hoped that the same democratic process will be employed in the future.

Through the Monthly Bulletin Corporation, we looked after the Society's financial interest in the Monthly Bulletin and only to a very limited degree were we able to give consideration to the editorial and format aspects of the Bulletin. It is hoped that a similar participation by our committee in the affairs of the Bulletin will be realized in the coming year.

in memoriam

The following members have passed away since the Society's last convention:

C. Kenneth Bell
Marcus R. Burrowes
Edgar D. Giberson
J. Dale Hillier
Lowell M. Price
Henry F. Stanton
Arthur L. Wilson

Additional Reports will be published in our next issue.
NEW—important development in year 'round air conditioning—THE REMOTAIRE ROOM CONDITIONER

THE NEW REMOTAIRE by American-Standard, is a remote type room conditioner providing all-weather air conditioning for multi-room installations such as hotels, apartment houses, office buildings, hospitals, motels and other types of buildings.

The unit system installation, using the Remotaire, eliminates the use of large and unwieldy ducts associated with central systems. Since the same simple piping is used for supplying either chilled or hot water, the available floor space for rental is increased ... and architectural treatment is less restricted. The unit can be used in low head room installations, and the necessity of furred ceilings is eliminated.

The Remotaire unit permits personal weather control to suit the individual occupants without affecting adjoining spaces. And since ventilation air is introduced separately to each space, noise and odor transmission between spaces is eliminated. Both ventilation and re-circulated air are filtered separately before blending within the fan unit, resulting in cleaner rooms and lower maintenance. With its low speed fans and acoustically-treated air passages, the Remotaire is exceptionally quiet in operation too.

For wider flexibility in architectural planning and for year 'round comfort for your clients, put this quality remote type room conditioner to work in the buildings you plan. For complete information write for literature.

American Radiator & Standard Sanitary Corporation, Dept. PA-42, P. O. Box 1226, Pittsburgh 30, Pa.

Detroit Sales Office: 1426 Maccabees Building, Detroit 2, Michigan
state chapters

western michigan

Western Michigan Chapter, A.I.A., heard John Straayer, president of Straayer Industries of Grand Rapids, present an interesting talk at the Columbia Hotel in Kalamazoo, on Monday, March 15th. Mr. Straayer pointed out the basic differences between millwork and cabinet work and explained why job and cabinet work finished in the factory. With cooperation of architects he said, manufacturers can provide better cabinet work at less cost. He stated that much duplication of effort is expended when the architect provides minute detailing, because the manufacturer has to provide his own detailing.

Mr. Straayer advocates meetings of architect and cabinet maker to determine type of woods, sizes, installation, deliveries, hardware, etc. He maintains that here is the place for a standardization that will effect savings. Prices soar with special widths if specified by the architect without consultations with the manufacturer. He also suggested that money can be saved if the architect utilizes the savings in hardware that is afforded to the cabinet-work producer with his volume buying capacity.

From this close cooperation between architect and producer of cabinet work, modular furniture can be kept out of the building until the exact time when factory-trained workmen can provide an especially fast and unimpeded installation. The speaker compared the installation cost of knockdown millwork delivered to a job and installed by carpenters working at approximately $3.10 an hour with the cost when the cabinet work is finished at the factory by factory employees getting $1.90 an hour and delivered to a job finished and ready to be installed by these factory employees. He feels that the savings to the client is considerable. A question-and-answer period followed the talk.

The talk was preceded by cocktails, dinner and a business meeting. President VanderLaan introduced 14 guests and gave a report on the M.S.A. convention held in Detroit the previous week. Eberle M. Smith, architect, presented a report on the June outing plans to be at Lake Macatawa. In addition to the guests, 46 members and associates were present.

LOUIS C. KINGSCOTT & ASSOCIATES, INC. Architects & Engineers, celebrated their 25th anniversary, by opening new and larger quarters at 511 Monroe St., Kalamazoo, Mich.

cement design and construction

concrete thin shell design and construction will be a panel-type symposium on Association, New York. The following session will feature a panel and an engineering consultant, Portland Cement Association, Portland, Oregon. The session will be devoted to the rational design of concrete structural elements, approved specifications for floor and pavement design, layout, specifications, detailing techniques, and construction practices.

Floor and pavement design, layout, specifications, and construction will be the featured topic of the first day. This is emphasized in order to overcome widespread abuse and neglect of the simplest and most common application of concrete in construction.

M. P. Brokaw, regional highway engineer, Portland Cement Association, Indianapolis, will explain the rational design of slabs on ground for heavy loads. A discussion of industrial floors on grade by P. F. Rice, district structural engineer, Portland Cement Association, will complete the Wednesday morning session.

A discussion and demonstration of placing, finishing, and curing for exposed industrial concrete floors will be given Wednesday afternoon by E. B. Okerby, construction consultant, Portland Cement Association, New York. The following session will be a panel-type symposium on special heavy-duty finishes by representatives of local floor construction firms.

Concrete thin shell design and construction will be the principal topic Thursday followed by a load test on a 50' span prestressed beam, Anton Tedesco, Roberts and Schaefer Co., Chicago, will explain the advantage of structural steel-reinforced concrete and its practical application. Mr. Tedesco is recognized authority on design and construction of thin shells, will be the principal speaker of the morning. The load test will be conducted by Joseph Varga, University of Detroit, as part of his thesis under his supervision.

The two thin shell projects now under construction in the Detroit area will be discussed Thursday afternoon. The Northeast Station filtration building roof design will be explained by Robert W. Steventon, Detroit Department of Water Supply; the construction will be described by Fred Neu, project engineer, Grove, Shepherd, Wilson & Kruse, New York. Features of this design and the existing site will be illustrated by Armstrong's industrial insulations, resilient flooring materials, wall coverings, and acoustical products. A slide presentation covering Armstrong Cork Company's flooring and building products will be made at a dinner meeting of the Detroit Chapter of the Producers' Council at 5:30 p.m., May 5 at The Shelby Hotel.

The balanced content of the conference program should appeal equally to everyone engaged in building design or construction and all are invited to attend. Complete programs and registration forms will be available at the University of Detroit, Civil Engineering Department, or the Lansing office of the Portland Cement Association.

producers' council

A slide presentation covering Armstrong Cork Company's flooring and building products will be made at a dinner meeting of the Detroit Chapter of the Producers' Council at 5:30 p.m., May 5 at The Shelby Hotel.

F. O. Schweizer will conduct the presentation which will include 130 color slides illustrating the use of Armstrong's industrial insulations, resilient flooring materials, wall coverings, and acoustical products. Mr. Schweizer is the Promotion and Sales Training Manager of the Company.

A large number of invitations have been sent to the leading Detroit architects and engineers. Features in the product discussion will be several new materials recently announced by the Company. Over 100 product displays will be exhibited at the meeting.

Mr. Fred H. Muller of the Pittsburgh Plate Glass Company, President of the Detroit Chapter of the Producers' Council, will preside at the meeting. The Producers' Council is a national organization composed of manufacturers of building materials and equipment.
Build Better with VIBRAPAC Block

A half century of scientific progress in quality control has won universal respect for VIBRAPAC Block. The functional qualities of these Modern Masonry Units, plus their wide range of practical adaptability, have inspired the most advanced creative construction. Many years of research have paved the way for lightweight aggregate and perfected VIBRAPAC manufacturing processes. As a result, structural loads are reduced without sacrificing rugged, constructional security.

Firesafety — stormsafety — insulation against heat and cold — acoustical and soundproofing qualities — low initial cost — low upkeep.

All these are added advantages. Yes, you'll be proud of the modern masonry miracles you can perform with VIBRAPAC Block.

Ask for FREE copy of bulletin illustrating the complete line of standard modular building units available and giving technical guidance in their many structural uses. Contact your local VIBRAPAC Block Plant or write direct to the Besser Manufacturing Company, Box 189, Alpena, Michigan, U.S.A.

Perfom Modern Masonry Miracles on Both Exteriors and Interiors

BESSER VIBRAPAC — the fully automatic concrete block machine. Produces high quality masonry units, of any desired texture and density, at the lowest possible cost.
This competition was made possible by C. Allen Harlan whose generous interest in the architectural profession over recent years again finds substantial expression here.

Sponsored by the Detroit Chapter of The American Institute of Architects

A Public Relations Program for a chapter of the American Institute of Architects

PURPOSE: The purpose of this competition is to develop a program for the advancement of public understanding and appreciation of architecture and the architect.

ELIGIBILITY: Any corporate, associate, or student member of the Detroit Chapter of the American Institute of Architects may participate in this competition. Any competitor may submit more than one proposal, although only one of the three prizes will be given to any one individual.

PROBLEM: A large Chapter of the American Institute of Architects similar to Detroit has at its disposal the sum of $25,000 to be spent over a period of five years beginning in 1955 for a public relations program as indicated in the purpose stated above. Exhibitions, a public schools program, a national radio-visual presentation, are only a few of the possibilities. As a solution to its problem the Chapter requires a clear, convincing statement of an attractive idea set forth in the form of a working plan which could be the basis of a contract with an agency.

PRESENTATION: The presentation of the proposed program is to be in the form of a looseleaf or bound portfolio 8½x11 sheet size. Where particular sheets larger than 8½x11" are desired for illustrative purposes, they are to be multiples of 8½x11" to permit folding into the portfolio. This would apply to charts, maps, or other illustrative material. Other details of presentation of the competitor's idea are left to the competitor.

PRIZES: The following awards aggregating $900 in cash will be made for those submissions which, in the opinion of the judges, have the greatest merit in serving the purpose posed by the competition.

First prize: $750
Second prize: $100
Third price: $50

Not to exceed two honorable mentions may be given.

JUDGES: The names of the judges will be announced at an early date to those registering as competitors. They will include three architects, a public relations consultant, and a layman.

THE JUDGING OF DESIGN: In judging proposals the following factors will be considered in order:

1. The soundness and appeal of the central idea as a possible selling proposal
2. The practicability of putting the program into effect within the sum stated above.

OWNERSHIP OF PRESENTATIONS: The Detroit Chapter of the American Institute of Architects shall have the right to publicize, display, or use the material, of any and all submissions, giving credit in each case where there is a substantial reason to do so. It is understood that any and all of this material may be used for the good of the cause of architecture, particularly with respect to the Detroit area.

ANONYMITY OF PRESENTATIONS: The presentations shall bear no name or mark which could serve as a means of identifying the author, nor shall any such name or mark appear on the wrapper of the presentation, nor shall any competitor directly or indirectly reveal the identity of his submission or hold communication with offices of the Chapter or with any member of the jury or with the donor. Each presentation shall bear the non de plume chosen by the individual competitor.

With each presentation must be enclosed a plain, opaque, sealed envelope without any superscriptions other than the non de plume of the competitor. The envelope is to contain the name and address of the competitor and will be opened immediately following the action of the jury.

REGISTRATION: Notice of registration for the competition must be postmarked no later than May 1, 1954. The notice should be addressed to Talmage C. Hughes, 120 Madison Avenue, Detroit 26, Michigan, and postmarked not later than May 1, 1954. Registration does not compel a final submission.

FINAL PRESENTATION: All entries in the competition must be postmarked not later than midnight of Monday, June 21, 1954, or received in the office of Talmage C. Hughes, 120 Madison Avenue, Detroit 26, Michigan, by that time. The awards will be formally announced at the first meeting of the Detroit Chapter of the American Institute of Architects following the action of the jury.

THE PROFESSIONAL ADVISOR: Wells Bennett is acting as Professional Advisor. All questions should be addressed to him by letter, preferably anonymously, and should be only on matters of fact. The Professional Advisor will answer pertinent questions promptly sending a duplicate to each registered competitor simultaneously. No questions will be answered after May 1, 1954. Questions should be addressed to Wells Bennett, 207 Architecture Building, University of Michigan, Ann Arbor, Michigan.

Talmage C. Hughes, 120 Madison Ave., Detroit 26:

This is my Notice of Registration for the Harlan Award of 1954 Competition.

Signed

Address

Class of Membership

(Corp. Assoc., Student Assoc.)
DESIGNED IN CONCRETE—to Resist Lateral Forces

WHEREVER EARTHQUAKES, hurricanes or tornadoes are known to occur periodically it always has been necessary to design structures to resist these powerful lateral forces. Now, confronted with the possibility of atomic blasts, it has become even more necessary to incorporate resistance in structures to destructive lateral forces.

The most logical and economical way to do this is to use reinforced concrete frames, floors and walls. Such construction is inherently resistant to lateral forces because it is continuous and integrates all structural parts. This construction eliminates any need for special members to provide resistance to these forces and makes for marked economy in the cost of buildings exposed to strong lateral forces.

An excellent example of such design and construction is the apartment building shown above. It is the 10401 Wilshire Boulevard Building in Los Angeles, designed by Architect Martin Stern, Jr. R. R. Bradshaw was the structural engineer. Both are from Los Angeles. Inasmuch as Los Angeles building ordinances require provision for resistance to seismic forces reinforced concrete construction was a logical choice. In addition the use of concrete architecturally resulted in an attractive appearance and such important advantages as durability, firesafety, low maintenance expense and low annual cost.

Write today for free, illustrated literature about architectural concrete and concrete frame and floor construction. Distributed only in U.S. and Canada.
Active Membership in the Michigan Society of Architects is composed of corporate members of The American Institute of Architects, through the three Michigan Chapters (Detroit 390, Saginaw Valley 23, Western Michigan 91 & Non-Resident members 74.) Total 581.


ABRAMS, HENRY J. 16128 Fairfield St., Detroit 21
ACKLEY, CLARK R. 1811 E. Michigan Ave., Lansing 12
AGREE, ALLAN G. 13964 Lauder St., Detroit 19
AGREE, A. ARNOLD 2240 W. Grand Blvd., Detroit 5
AGREE, CHARLES N. 2150 Elmdale St., Dearborn 11
AITKEN, ROBERT J. 1990 W. Liberty St., Ann Arbor
AKIT, W. ROY 2407 National Bank Bldg., Detroit 26
ALBANO, JOSEPH F. 812 E. Catherine Ann Arbor
ALBERT, AUGUSTUS JAMES Box 30, Kalamazoo
ALLEN, ROGER 1126 Grand Rapids Nat'l Bank Bldg., Grand Rapids 2
ALLEN, SAMUEL C. 601 Bearing Bldg., Saginaw
ALTMIES, HENRY F. 345 New Center Bldg., Detroit 2
AMES, CARL LLOYD 3625 W. North Avenue, Milwaukee 8, Wis.
ANDERSON, DONALD C. 4909 Palmer Ave., Dearborn
ANDERSON, LESTER F. 3328 S. Sycamore, Northville
ANDERSON, WERNER B. 9798 Steurberne Dr., Pontiac
ASKEW, LYALL H. 20451 Danbury, Detroit 3
ATTWOOD, CHARLES W. 4351 Monroe St., Wayne

BACHMANN, GEORGE G. 1405 Kearney Pl., Flint 6
BAGLEY, ALFRED J. 475 Peterson St., Detroit 1
BAILEY, EDWARD D. 116 Tennyson, Highland Park
Baker, JOHN P. 9975 Pinehurst Ave., Detroit 4
BANKES, HURLLESS F. 16506 James Couzens Hwy., Detroit 21
BANNER, CHARLES L. 2229 W. Huron St., Toledo, O
BARCUS, FRANK A. c/o City Plan Comm., 1214 Griswold
BAR, JAMES H. 147 W. Long Lake Rd., Bloomfield Hills
BARRY, GERALD A. 1136 N. Elmhurst Ave., Oak Park, Ill.
BASS, VICTOR J. 18326 Woodward Ave., Detroit 5
BAUER, LOIS M. 304 Free Press Bldg., Detroit 26
BEACH, GLENN OWEN 1420 Woodward Rd., Detroit 27
BECKER, HERBERT M. 1554 Pennington Ave., Westland
BECKETT, HAROLD C. 52 Chaitham St., W. Windsor, Ont.
BECKBISSINGER, FREDERICK 304 Carroll St., Saginaw
BECKEL, PETER 1455 Pennington Ave., Highland
BLAIR, ROBERT 1265 Washington Blvd., Birmingham
BLAIR, WILLIAM S. 1265 Washington Blvd., Birmingham
BLOOM, CHARLES E. 706 Capitol Savings & Loan Bldg., Lansing 68
BLOOM, JOHN L. 17008 Macumee St., Grosse Pointe 30
BLOOD, MARION FRANCES 706 Capitol Savings & Loan Bldg., Lansing 68
BLUE, LOUIS J. 2548 Woodstock Dr., Detroit 3
BOARDMAN, CHARLES E. 2003 Lemon, Grosse Pointe 30
BOHLEN, AUGUST C. 600 Park Road, Ambridge Pa.
BOHLEN, ROBERT L. 930 State Life Bldg., Indianapolis, Ind.
BOULHARE, LYLE F. 8150 Dandridge Dr., Dallas 12
BOUWHAAR, LYLE F. 1326 Fidelity Phil. Trust Bldg., Detroit 26
BRAGG, STANLEY 22 Oxford Rd., Pleasant Ridge
BRANT, CHRISTIAN W. 2008 N. Woodward Ave., Royal Oak
BRATTA, GEORGE A. 750 Post Bldg., Battle Creek
BRIAGH, GEORGE B. 52226 N. Woodward Ave., Royal Oak
BRIDGWATER, HYDE C. 4351 Monroe St., Wayne

BROWN, ROBERT L. 27500 Greenlawn, Detroit 28
BROWN, L. H. 17300 E. Jefferson Ave., Detroit 23
BROWN, H. SANBORN 83 Meadow Lane
BRONSON, PAUL B. 1565 Washington Blvd., Birmingham
BRYSELBOUT, PAUL A. 814 Adams St., Bay City
BUDDENKISS, ELPHIN S. 14386 Fifth Ave., Fremont, Ohio
BULHUIS, ALFRED K. 474 Academy St., Kalamazoo
BURGESS, JOHN H. 115 W. Territorial Rd., Battle Creek
BURNS, I. CHARLES 5506 Coplin Ave., Detroit 15
BURNS, I. K. 243 Congress, Detroit 26
CALDER, RALPH R. 1212 Kales Bldg., Detroit 26
CALDER, ROBERT F. 18100 Greenlawn, Detroit 21
CAMPION, A. E. 38 Michigan Trust Bldg., Grand Rapids 2
CARSON, FRANK S. 309b Washington Ave., Ann Arbor
CARYER, WILLIAM W. 517 N. Washington Ave., Lansing 15
CARYN, JEROME R. The Clock Tower Market Square
CAREL, ADELBERT B. 9 Merwood Dr., Battle Creek
CHENEY, HOWARD L. 817 Forest Ave., Evanston, Ill.
CHESSON, LOUIS 509 W. Willis, Detroit 1
CHASE, EUGENE T. 1035 S. Main St., Detroit
CLAPP, HARVEY C. 415 Capitol Square Bldg., Detroit 26
COLE, LYLE S. 7276 Griswold, Detroit 4
COLTON, HARRY L. 560 N. Park Rd., Grand Rapids 3
COLVIN, F. HUSTON 2010 Longshore Dr., Ann Arbor
CONTRER, EARL L. 14000 Strathmoor, Detroit 27
CONN, JAMES W. 2016 S. State St., Ann Arbor
COOMBE, W. GLASSON 412 Calvin Theatre Bldg., Dearborn
CORNWILL, FREDERICK C. 328 W. 11th St., Traverse City
COUGHLAN, NORMAN H. 3020 Bygnes, Detroit 4
COURLESS, J. LESTER 153 E. Elizabeth St., Detroit 1
CRAWFORD, FRANK E. 3020 Bygnes, Detroit 4
CREESE, WILLIAM H. 415 Capitol Square Bldg., Dearborn
CROSS, JOHN K. c/o H. E. & D. 154, 5314 Elizabeth St., Detroit 1
CROWE, CHARLES A. 738 Michigan Trust Trust Bldg., Detroit 26
CURBY, HARVEY G. 1000 Third St., Jackson
CUTHBERT, IVAN N., JR. 7634 Rosemont Rd., Detroit 28
DAIL, GEO. L. 2101 S. Paul St., Dallas 10
DANIEL, GEORGE E. 1882 Grandville, Detroit 10
DAVIS, JAMES K. 2150 Elmdale St., Dearborn
DAVIS, WILLIAM K. 408 Overlook Blvd., University Park, Ohio
DAY, CLARENCE E. 11-135 General Motors Bldg., Detroit 2
DEAN, FRANK E. 18165 Snow Road, Livonia
DELLAR, ERNEST J. 32 Fairview Blvd., Pleasant Ridge
DENYES, HARRY M., JR. 366 E. Maple Ave., Birmingham
DERICK, ROBERT O. 315 Hammond Bldg., Detroit 26
DES ROISERS, ARTHUR 15850 James Couzens Hwy., Detroit 21
DEVRIES, BERNARD I. 613 Hadley Union Nat'l Bank Bldg., Battle Creek
DIEHL, GEORGE F. 14751 Grandview, Detroit 26
DIEHL, GERALD G. 14751 Grandview, Detroit 26
DIETZ, IVAN 14751 Grandview, Detroit 26
DITCHY, CLAIRE W. 5 W. Larned St., Detroit 26
DIETMANN, ANTON G. 14751 Grandview, Detroit 26
DOLE, WALTER M. 14751 Grandview, Detroit 26
DOWDY, CORNELIUS 14386 Fifth Ave., Fremont, Ohio
DOW, ALDEN M. 315 Post St., Midland
DOXHAM, HAMILTON B. 520 Jefferson, Detroit 3
DRAINIE, JOHN G. 345 New Center Bldg., Detroit 2
<table>
<thead>
<tr>
<th>Name</th>
<th>Address/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZELTON, PAUL A.</td>
<td>914 S. Union St, Traverse City.</td>
</tr>
<tr>
<td>HEBRAND, J.</td>
<td>596 Kuehne Ave, Ann Arbor</td>
</tr>
<tr>
<td>HEHER, LEO I.</td>
<td>15 Carlton St., Pontiac</td>
</tr>
<tr>
<td>HELLMUTH, GEORGE F.</td>
<td>825 Loomis St., St. Louis 1, Mo.</td>
</tr>
<tr>
<td>HERBST, WILLIAM G.</td>
<td>1249 N. Franklin Place, Detroit</td>
</tr>
<tr>
<td>HERMAN, ALOYS FRANK</td>
<td>510 David Stott Bldg.</td>
</tr>
<tr>
<td>HERRICK, FRED J.</td>
<td>810 Maple St., Albion</td>
</tr>
<tr>
<td>HERTEL, BENJAMIN W.</td>
<td>128 Gibson Bldg.</td>
</tr>
<tr>
<td>HEWLETT, THOMAS H.</td>
<td>950 Hunter Bldv, Birmingham</td>
</tr>
<tr>
<td>HINE, FREDICK K.</td>
<td>10504 LaSale Blvd, Huntington Woods</td>
</tr>
<tr>
<td>HOFFMANN, HARVEY R.</td>
<td>1000 Marquette Bldg, Detroit 26</td>
</tr>
<tr>
<td>HOGAN, MERLE WM.</td>
<td>3845 Lincoln Dr, Rte. 1, Birmingham</td>
</tr>
<tr>
<td>HOLLZHAUSER, RALPH N.</td>
<td>21300 Lydon St, Detroit 23</td>
</tr>
<tr>
<td>HOOKER, ARTHUR M.</td>
<td>411 Mich Theatre Bldg, Muskegon</td>
</tr>
<tr>
<td>HOSMAN, LEO I.</td>
<td>800 Marquette Bldg, Detroit 26</td>
</tr>
<tr>
<td>HOUGEN, DONN</td>
<td>Wood Block, Wisconsin Rapids, Wis.</td>
</tr>
<tr>
<td>HOWE, GEORGE</td>
<td>1728 Spence St, Philadelphia, Pa.</td>
</tr>
<tr>
<td>HOWE, HUBERT</td>
<td>2451 Monterey Ave, Detroit 6</td>
</tr>
<tr>
<td>HUESSMANN, LOUIS B.</td>
<td>15490 Ashbury Park, Detroit 27</td>
</tr>
<tr>
<td>HUGHES, JAMES BENNETT</td>
<td>1811 Burns Ave, Detroit 14</td>
</tr>
<tr>
<td>HUGG, H. TALMAGE C.</td>
<td>120 Morden St., Dearborn</td>
</tr>
<tr>
<td>HUNTER, DON W.</td>
<td>c/o Standard Accident Ins. Co, Detroit 1</td>
</tr>
<tr>
<td>HYDE, ARTHUR K.</td>
<td>1000 Marquette Bldg, Detroit 26</td>
</tr>
<tr>
<td>ILGENFRITZ, HAROLD A.</td>
<td>710 Hammond Bldg, Detroit 26</td>
</tr>
<tr>
<td>IMBS, THOMAS F.</td>
<td>527 W. Main St, Belleverville, Ill.</td>
</tr>
<tr>
<td>INGALL, MORTON H.</td>
<td>136 Brentwood Ave, Dearborn</td>
</tr>
<tr>
<td>IRONSIDE, IAN C.</td>
<td>322 Oxford Rd., East Lansing</td>
</tr>
<tr>
<td>JACkSON, MORRIS</td>
<td>19304 Whitcomb, Detroit 35</td>
</tr>
<tr>
<td>JACkES, GILBERT J. P.</td>
<td>17873 Madison Ave, Detroit 27</td>
</tr>
<tr>
<td>JAHN, THURSTON B.</td>
<td>15011 Michigan Ave, Dearborn</td>
</tr>
<tr>
<td>JANSSEN, OSCAR</td>
<td>1320 Chemical Bldg., St. Louis 1, Mo.</td>
</tr>
<tr>
<td>JAES, EMIL G.</td>
<td>37 E. Mason Pl., Detroit 9</td>
</tr>
<tr>
<td>JEPSON, RAYMOND G.</td>
<td>20020 Packard Ave, Detroit 21</td>
</tr>
<tr>
<td>JERNEGAN, PAUL F.</td>
<td>223 E. Lincolnway, Milwaukee, Ind.</td>
</tr>
<tr>
<td>JICKLING, JOHN W.</td>
<td>6715 Middlebelt Rd., Birmingham</td>
</tr>
<tr>
<td>JIHERT, HERBERT S.</td>
<td>440 S. 5th Ave, Dearborn</td>
</tr>
<tr>
<td>JONES, A. CHARLES</td>
<td>1803/5, S. Saginaw St, Flint</td>
</tr>
<tr>
<td>JOSLIN, FREDERICK BURR</td>
<td>14450 Steilene Ave., Detroit 23</td>
</tr>
<tr>
<td>KALLMES, JOHN I.</td>
<td>906 Park Ave, Detroit 26</td>
</tr>
<tr>
<td>KANN, NORMAN K.</td>
<td>17156 Wildemere, Detroit 21</td>
</tr>
<tr>
<td>KAPP, WILLIAM E.</td>
<td>1842 Buhl Bldg, Detroit 26</td>
</tr>
<tr>
<td>KASURIN, JOHN</td>
<td>1501 Cadillac Square Bldg., Detroit 26</td>
</tr>
<tr>
<td>KASURIN, PAUL</td>
<td>303 State Savings Bank Bldg, Ann Arbor</td>
</tr>
<tr>
<td>KAVIEFF, OTTO H.</td>
<td>3796 Collingwood Ave, Detroit 6</td>
</tr>
<tr>
<td>KELLEY, JOHN R.</td>
<td>435 Architects &amp; Builders Bldg, Indianapolis Ind.</td>
</tr>
<tr>
<td>KELLOGG, DIXON B.</td>
<td>112 Madison Ave, Detroit 26</td>
</tr>
<tr>
<td>KEOUGH, HENRY J.</td>
<td>1535 Fairway Dr., Birmingham</td>
</tr>
<tr>
<td>KEMP, M.M. S.</td>
<td>227 E. 44th St., New York 17, N.Y.</td>
</tr>
<tr>
<td>KETELHUT, PAUL I.</td>
<td>1225 S. Main St, Dearborn</td>
</tr>
<tr>
<td>KEYES, HUGH T.</td>
<td>309 Wabek Bldg, Birmingham</td>
</tr>
<tr>
<td>KIEHLER, ELMER GEORGE</td>
<td>Crane, Kiehl &amp; Kellogg, 112 W Madison, Detroit 26</td>
</tr>
<tr>
<td>KIMBALL, DONALD A.</td>
<td>2345 Delaware Blvd, Saginaw</td>
</tr>
<tr>
<td>KIMBALL, EDWARD R.</td>
<td>35 N. 39th St, Belleville, Illinois</td>
</tr>
<tr>
<td>KING, CHRISTOPHER I.</td>
<td>Rm. No. 2, Bentonville, Illinois</td>
</tr>
<tr>
<td>KING, SOL</td>
<td>2604 Oakman Blvd, Detroit 4</td>
</tr>
<tr>
<td>KINGSCOTT, LOUIS C.</td>
<td>P.O. Box 671, Kalamazoo 9</td>
</tr>
<tr>
<td>KINGSLEY, GEORGE S.</td>
<td>1603 Hebron St, Hendersonville, N.C.</td>
</tr>
<tr>
<td>KISSINGER, STEWART S.</td>
<td>22040 Watsonia, Dearborn</td>
</tr>
<tr>
<td>KLEIN, HERMAN J.</td>
<td>708 Harrison St, Flint 3</td>
</tr>
<tr>
<td>KNAPP, LINDSAY W.</td>
<td>120 Lindsay, Detroit 19</td>
</tr>
<tr>
<td>KOL, ELIJD JON</td>
<td>2424 Mildred Ave, S. E.</td>
</tr>
<tr>
<td>KNIGHT, FREDERICK W.</td>
<td>8950 Northland Dr., N.E. Rockford</td>
</tr>
<tr>
<td>KNIGHT, K. E.</td>
<td>1000 Marquette Bldg, Ann Arbor</td>
</tr>
<tr>
<td>KNOX, WILLIAM D.</td>
<td>5961 13th Ave, St. Petersburg, Fla.</td>
</tr>
<tr>
<td>KNUTH, RALPH W.</td>
<td>708 Harrison St, Flint 3</td>
</tr>
<tr>
<td>KORNSLEN, ALEX</td>
<td>19111 Ashby Bldg, Detroit 29</td>
</tr>
<tr>
<td>KOLM, ALWIN S.</td>
<td>661 Beech St, East Lansing</td>
</tr>
<tr>
<td>Krauss, Karl F. JR.</td>
<td>306 S. Capital Ave, Lansing</td>
</tr>
<tr>
<td>Krebs, Anna C.</td>
<td>71 Radnor Circle, G. P. Farms 30</td>
</tr>
<tr>
<td>Kressin, NORMAN</td>
<td>7239 Michigan Bldg, Detroit 26</td>
</tr>
<tr>
<td>Kressbeach, Carl C. F.</td>
<td>408 Wildwood Ave, Jackson</td>
</tr>
<tr>
<td>KRIS, BERNARD</td>
<td>6041 Euclid Ave, Cleveland 3, Ohio</td>
</tr>
<tr>
<td>KUH, PAUL C.</td>
<td>617 Chandler, Flint 3</td>
</tr>
<tr>
<td>KUH, WILLIAM H.</td>
<td>14652 St. Joseph Ave, Detroit 27</td>
</tr>
<tr>
<td>LACY, JOSEPH N.</td>
<td>P.O. Box 270, Bloomfield Hills</td>
</tr>
<tr>
<td>Laitala, Walter M.</td>
<td>600 Hollister Bldg, Lansing 6</td>
</tr>
<tr>
<td>Lane, Charles W.</td>
<td>1130 Blakeway, Ann Arbor</td>
</tr>
</tbody>
</table>

Michigan Society of Architects
Anaconda pre-formed panel grids cut costs

For floors or ceilings PG's make radiant panel heating systems more practical than ever!

These men will complete this job and be on the next one in much less time than it would have taken with coiled or straight length tubing. To the builder and heating contractor this means more jobs at lower costs.

They are installing a new Anaconda product—PG's*. These are pre-formed radiant panel heating grids, ready for installation. They do away with tiresome on-the-job bending and awkward "stringing up." For ceiling work, PG's contain 50 linear feet of 5/8 Type L ANACONDA Copper Tube. PG's are pre-formed to common 6" c-c spacing. They are contracted or extended easily by hand to meet all desired spacing requirements within a range of 4 1/2" to 12" c-c.

For floors, PG's, made of 3/8 type L tube, are formed to a 9" c-c spacing. Floor type PG's are adjustable to all c-c spacings from 6" to 18" and are easily adapted to any residential, commercial, industrial or institutional radiant panel heating installation.

Publication G-6 gives all the facts. Write for your copy to The American Brass Company, Waterbury 20, Conn. Detroit Branch and Sales Office: 174 South Clark Avenue.

*Ceramic Applied (Appl. Ceram. 1:3)

Anaconda Copper Tube PRE-FORMED Panel Grids
for Radiant Panel Heating
CASE STUDY NO. 16

The lighting of Jacobson's, 17151 Kercheval, Grosse Pointe, Michigan, was planned with a purpose - to inspire confidence in the quality of the goods and services offered.

IS A SALES TOOL!

1954 is holding true to predictions. It's a year of hard, competitive selling. Merchandise is plentiful. Customers can afford to be discriminating in judging the goods and services you offer. In such a buyers' market you need to know and use proven sales tools in order to prosper.

One aid which will produce sales is Planned Lighting; purposeful store lighting, designed to do specific selling jobs. Designing lighting that sells is our everyday job.

And whether it's shoes, sealing wax or cabbages you offer - there is a technique to putting store lighting to work as a salesman. Find out how.

The man to consult is an Edison Commercial Lighting Advisor. To obtain his advice just call the nearest Edison office. There's no cost or obligation.

Planned Lighting

IS A SALES TOOL!

Detroit Edison
<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABRAMS, HENRY J.</td>
<td>16128 Fairfield St., Detroit 21</td>
</tr>
<tr>
<td>ACKLEY, CLARK H.</td>
<td>1811 E. Michigan Ave., Lansing 12</td>
</tr>
<tr>
<td>AGREE, ALLAN G.</td>
<td>3836 Louder St., Detroit 19</td>
</tr>
<tr>
<td>AGREE, A. ARNOLD</td>
<td>2240 W. Grand Blvd., Detroit 8</td>
</tr>
<tr>
<td>AGREE, CHARLES N.</td>
<td>1140 Book Bldg., Detroit 26</td>
</tr>
<tr>
<td>AKTEN, ROBERT J.</td>
<td>1993 W. Liberty St., Ann Arbor</td>
</tr>
<tr>
<td>ARKIT, W. ROY</td>
<td>2407 National Bank Bldg., Detroit 26</td>
</tr>
<tr>
<td>ALBANO, JOSEPH F.</td>
<td>812 E. Catherine, Ann Arbor</td>
</tr>
<tr>
<td>ALBERT, AUGUSTUS JAMES</td>
<td>1928 Drake Rd., R. 9, Box 30, Kalamazoo</td>
</tr>
<tr>
<td>ALLEN, ROGER</td>
<td>1126 Grand Rapids Nat'l Bank Bldg., Grand Rapids</td>
</tr>
<tr>
<td>ALLEN, SAMUEL C.</td>
<td>603 Bearinger Bldg., Saginaw</td>
</tr>
<tr>
<td>ALTRE, HENRY F.</td>
<td>345 New Center Bldg., Detroit 2</td>
</tr>
<tr>
<td>AMES, CARL LLOYD</td>
<td>3625 W. North Avenue, Milwaukee W. Wis.</td>
</tr>
<tr>
<td>ANDERSON, DONALD C.</td>
<td>4909 Palmer Ave., Birmingham</td>
</tr>
<tr>
<td>ANDERSON, LESTER F.</td>
<td>9 Leighton Pl., Silver Springs, Maryland</td>
</tr>
<tr>
<td>ANDERSON, WERNER B.</td>
<td>4708 Sherborne Dr., Pontiac</td>
</tr>
<tr>
<td>ASKEW, AYELL H.</td>
<td>20431 Dombro, Detroit, MI</td>
</tr>
<tr>
<td>ATTWOOD, CHARLES W.</td>
<td>4334 Monroe St. Wayne, MI</td>
</tr>
<tr>
<td>BACHMANN, GEORGE G.</td>
<td>1405 Keersley Pk. Blvd., Flint 6</td>
</tr>
<tr>
<td>BACON, MORTIMER E.</td>
<td>475 Peterboro St., Detroit 1</td>
</tr>
<tr>
<td>BAGLEY, ALPERD J.</td>
<td>116 Tennyson, Highland Park 3</td>
</tr>
<tr>
<td>BARTER, ADAM D.</td>
<td>3975 Pinehurst Ave., Detroit 4</td>
</tr>
<tr>
<td>BAKER, JOHN P.</td>
<td>State Bldg., Div. Lewis Chess Bldg.</td>
</tr>
<tr>
<td>BANKES, HURLEST E.</td>
<td>16066 James Couzens Hwy., Detroit 21</td>
</tr>
<tr>
<td>BARR, CHARLES L.</td>
<td>222½ Huron St., Teled. 4</td>
</tr>
<tr>
<td>BARCUS, FRANK A.</td>
<td>c/o City Plan Comm., 1214 Griswold</td>
</tr>
<tr>
<td>BARR, JAMES H.</td>
<td>147 W. Long Lake Rd., Bloomingdale Hills</td>
</tr>
<tr>
<td>BARRY, GERALD A.</td>
<td>1196 N. Elmwood Ave., Oak Park 3</td>
</tr>
<tr>
<td>BASSO, VICTOR I.</td>
<td>18325 Woodward Ave., Detroit 3</td>
</tr>
<tr>
<td>BAUER, LEO M.</td>
<td>534 Free Press Bldg., Detroit 26</td>
</tr>
<tr>
<td>BEACH, GLENN M.</td>
<td>414 Court St., Saginaw</td>
</tr>
<tr>
<td>BEAM, HAROLD A.</td>
<td>14200 Woodroad, Detroit 27</td>
</tr>
<tr>
<td>BECKER, BYRON H.</td>
<td>1455 Penman Ave., Plymouth</td>
</tr>
<tr>
<td>BECKETT, HAROLD C.</td>
<td>52 Chatham St., W. Windsor, Ont.</td>
</tr>
<tr>
<td>BECKBISINGER, FREDERICK</td>
<td>Alain Stn. P.O. Box 34, Detroit</td>
</tr>
<tr>
<td>BELCO, MOSSIE</td>
<td>Box 154, Franklin</td>
</tr>
<tr>
<td>BELL, D. CARLTON</td>
<td>152 Oaklawn Ave., Battle Creek</td>
</tr>
<tr>
<td>BELSON, GORDON A.</td>
<td>2700 Fairlawn Ave., Kalamazoo</td>
</tr>
<tr>
<td>BENNETT, L. R.</td>
<td>15624 Michigan Ave., Dearborn</td>
</tr>
<tr>
<td>BENNETT, M. FRED</td>
<td>22606 Tireman Ave., Detroit 20</td>
</tr>
<tr>
<td>BERGEM, HILDA I.</td>
<td>304 Geddes Ave., Ann Arbor</td>
</tr>
<tr>
<td>BENTLEY, HERBERT M.</td>
<td>26150 Hollifrey Ave., Rossville</td>
</tr>
<tr>
<td>BERGERY, FRANK A.</td>
<td>5550 Bedford, Detroit 24</td>
</tr>
<tr>
<td>BERRY, GEORGE J.</td>
<td>24050 Bormak Rd., Ferndale 20</td>
</tr>
<tr>
<td>BINDA, GUIDO A.</td>
<td>510 Post Bldg., Battle Creek</td>
</tr>
<tr>
<td>BINGMAN, ROBERT E.</td>
<td>1746 Penobscot Bldg., Detroit 26</td>
</tr>
<tr>
<td>BISSELL, EDWARD E.</td>
<td>1184 Edgewood Ave., Birmingham</td>
</tr>
<tr>
<td>BLACK, HENRY CHASE,  JR.</td>
<td>149 Redner Drive, Dearborn</td>
</tr>
<tr>
<td>BLACK, KENNETH C.</td>
<td>706 Capitol Savings &amp; Loan Bldg., Lansing 86</td>
</tr>
<tr>
<td>BLACK, LOUIS J.</td>
<td>1265 Griswold, Detroit 26</td>
</tr>
<tr>
<td>BLAINE, JOHN H.</td>
<td>303 Carroll St., Saginaw</td>
</tr>
<tr>
<td>BLOOD, MARION FRANCES</td>
<td>600 Park Road, Ambridge, Pa</td>
</tr>
<tr>
<td>BLUME, LOUIS J.</td>
<td>2548 Woodstock Dr., Detroit 3</td>
</tr>
<tr>
<td>BOARDMAN, CHARLES E.</td>
<td>2025 Lennon, Grosse Pointe 30</td>
</tr>
<tr>
<td>BOHLEN, AUGUST C.</td>
<td>930 State Life Bldg., Indianapolis, Ind.</td>
</tr>
<tr>
<td>BOHLEN, ROBERT L.</td>
<td>930 State Life Bldg., Indianapolis, Ind.</td>
</tr>
<tr>
<td>BOULWARE, LYLE F.</td>
<td>1326 Fidelity Phil. Trust Bldg., Detroit 21</td>
</tr>
<tr>
<td>BRAGG, STANLEY</td>
<td>22 Oxford Rd., Pleasant Ridge</td>
</tr>
<tr>
<td>BRANDT, CHRISTIAN W.</td>
<td>2632 N. Woodward Ave., Royal Oak</td>
</tr>
<tr>
<td>BRANDT, PERC</td>
<td>Dempsey Bldg., Manitowoc, Wis.</td>
</tr>
<tr>
<td>BURLAM, GEORGE B.</td>
<td>517 Oxford Rd., Detroit 2</td>
</tr>
<tr>
<td>BRISE, C. CRITIC</td>
<td>531 Nicholas Bldg., Toledo 4, Ohio</td>
</tr>
</tbody>
</table>

Active Membership in the Michigan Society of Architects is composed of corporate members of The American Institute of Architects, through the three Michigan Chapters (Detroit 390, Saginaw Valley 23, Western Michigan 91, & Non-Resident members 74.) Total 581.

The Society has three Honorary Members, W. Hawkins Ferry, 17100E. Sculptor, 4113 N. Woodward Avenue, Birmingham, Mich., and George H. Michels, President of the Albert Kahn Associated Architects and Engineers, Inc., 345 New Center Bldg., Detroit 2, Mich.
WALBRIDGE, ALDINGER COMPANY

GENERAL CONTRACTORS

409 GRISWOLD STREET
DETROIT 26, MICHIGAN
Anaconda pre-formed panel grids cut costs

For floors or ceilings PG’s make radiant panel heating systems more practical than ever!

These men will complete this job and be on the next one in much less time than it would have taken with coiled or straight length tubing. To the builder and heating contractor this means more jobs at lower costs.

They are installing a new Anaconda product—PG’s. These are pre-formed radiant panel heating grids, ready for installation. They do away with tiresome on-the-job bending and awkward “stringing up.” For ceiling work, PG’s contain 50 linear feet of 5/8 Type L ANACONDA Copper Tube. PG’s are pre-formed to common 6” c-c spacing. They are contracted or extended easily by hand to meet all desired spacing requirements within a range of 4½” to 12” c-c.

For floors, PG’s, made of 5/8 type L tube, are formed to a 9” c-c spacing. Floor type PG’s are adjustable to all c-c spacings from 6” to 18” and are easily adapted to any residential, commercial, industrial or institutional radiant panel heating installation.

Publication C-6 gives all the facts.

Write for your copy to The American Brass Company, Waterbury 20, Conn. Detroit Branch and Sales Office: 174 South Clark Avenue.

ANACONDA®

Copper Tube PRE-FORMED Panel Grids for Radiant Panel Heating
The lighting of Jacobson's, 17151 Kercheval, Grosse Pointe, Michigan, was planned with a purpose—to inspire confidence in the quality of the goods and services offered.

Planned Lighting

**IS A SALES TOOL!**

1954 is holding true to predictions. It's a year of hard, competitive selling. Merchandise is plentiful. Customers can afford to be discriminating in judging the goods and services you offer. In such a buyers' market you need to know and use proven sales tools in order to prosper.

One aid which will produce sales is Planned Lighting; purposeful store lighting, designed to do specific selling jobs. Designing lighting that sells is our everyday job.

And whether it's shoes, sealing wax or cabbages you offer — there is a technique to putting store lighting to work as a salesman. Find out how. The man to consult is an Edison Commercial Lighting Advisor. To obtain his advice just call the nearest Edison office. There's no cost or obligation.
Showing Simplicity of Installation of Truscon Pre-Cast Cement Roof Tile

MANUFACTURED BY

TRUSCON LABORATORIES
DETROIT 11, MICHIGAN

DIVISION OF DEVOE & RAYNOLDS CO., INC.

KRIEGHOFF COMPANY
our 46th year

INDUSTRIAL
INSTITUTIONAL
COMMERCIAL
CONSTRUCTION

6661 FRENCH ROAD
DETROIT 13, MICHIGAN
Rayl’s

Specialists in the Best Hardware for Schools, Hospitals, Industrial and Monumental Buildings

DISTRIBUTORS

YALE & SCHLAGE
LOCKS

STANLEY WORKS
HINGES

VON-DUPRIN & LINCOLN
FIRE EXIT DEVICES

RICHARDS-WILCOX
SLIDING AND HINGED
DOOR HARDWARE

WILLIAMS
PIVOTING SASH

LAWSON
MEDICINE CABINETS
AND FIXTURES

BOMMER & LAWSON
SPRING HINGES

McKINNEY
WROUGHT IRON HARDWARE

THE RAYL COMPANY
228 CONGRESS ST., W., DETROIT

Quality Since 1875 • Wholesale Builders Dept.

Chem Brick

This Picture of Dearborn Motor Sales in Birmingham emphasizes the Beauty of CHEM BRICK for Exterior Commercial and Industrial Elevations.

Specify CHEM BRICK wherever you want to combine Permanent Beauty, Durability, Modern Design and Lower Costs.

Detroit Brick & Block Co.
Ft. of St. Jean, Detroit 14, VAlley 2-4879
ARCHITECTS

Your customer demands a product that is time-proven, durable, fireproof and with an interior finish that is unsurpassed.

There Is No Substitute for Lath and Plaster

The members of this association are chosen for their ability to serve your wants in the construction industry.

Consult him for your problems.

Contracting Plasterers’ Association of Detroit

611 PARK AVE. BLDG., DETROIT 26, MICHIGAN, WO. 1-2493

BETTER DESIGN

with T-CHORD

DESIGN with greater spans.

DESIGN with fewer columns.

DESIGN with more utility.

Ton for ton, the single member Tee provides a stiffer, more rigid chord than conventional double-angle chords. This greater strength per ton permits design for larger unimpaired work areas, neater appearance. Faster, easier construction with T-Chord long span joists means speed and economy on the job. Our engineers will welcome the opportunity to help you in every way.

See Sweet’s Architectural File No. 2CHA

STRUCTURAL STEEL

T-CHORD LONG SPAN JOISTS

ORNAMENTAL IRON

HAVEN-BUSCH COMPANY

501 Front Ave., N.W., Phone 9-4173, Grand Rapids 4, Mich.
INTRODUCTION
by John K. Cross, A.I.A.

Architects have a definite responsibility in the preparation of specifications, to establish adequate minimum limits of insurance protection commensurate with the hazards of present day building operations and high awards made by recent jury in court cases. Further, the architect’s specifications should fully describe the form of policies required.

It is of definite advantage to the Owner to have the Contractor’s financial position protected by having the Architect analyze the hazards involved both for the Owner and Contractor in each building operation.

The need for up-to-date insurance provisions in architects’ specifications was brought to the attention of the three Michigan A.I.A. Chapters by the Michigan Chapters of the Associated General Contractors of America. The proposed insurance provisions submitted by Marsh & McLennan, National Insurance Brokers, acting for the A.G.C., were studied by the Architects’ Committees during the past year.

The following Michigan Society of Architects Documents, numbers 1, 2, and 3, resulted from these studies. Documents numbers 1 and 2 have been so written that they may be bound in the “Special Conditions” section of architects’ specifications. They should not be retyped because of great chance of error. Copies with typewriter-size letters on 8½”x11” bond paper, may be procured at nominal cost by addressing the Michigan Society of Architects, 120 Madison Avenue, Detroit 26, Michigan.

Approvals and Acknowledgements in connection with the documents are as follows:

Prepared by the 1953 Committee on Relations with the Construction Industry of the Detroit Chapter of the American Institute of Architects, John K. Cross, A.I.A., Chairman (Harley, Ellington & Day, Inc., Architects & Engineers); Paul J. Ketelhut, A.I.A., Co-Chairman (Smith, Hinchman & Grylls, Inc., Architects & Engineers).

Approved by the Detroit, Saginaw Valley and Western Michigan Chapters of The American Institute of Architects and the Michigan Society of Architects.

Approved by the Detroit and Michigan Chapters of the Associated General Contractors of America.

ACKNOWLEDGEMENTS

The Committee wishes to express its gratitude to Marsh & McLennan, Inc., M. Robert Olp, C.F.C.U. Vice President, for developing the insurance information contained in this Document.

The Committee also extends its appreciation to H. Thompson Stock, C.F.C.U., of Detroit, for verifying the information and acting as Insurance Counselor to the A.I.A. Chapters.

Permission has been granted by the American Institute of Architects for the reprinting hereof and certain insurance provisions appearing in their General Conditions of the Contract for the Construction of Buildings.

Copyright 1954
Michigan Society of Architects

Published by
The Michigan Society of Architects
120 Madison Avenue
Detroit 26, Michigan

Michigan Society of Architects
Document No. 1

AMENDMENTS TO INSURANCE ARTICLES 27, 29 & 31
WHEN USING THE GENERAL CONDITIONS OF THE CONTRACT FOR THE CONSTRUCTION OF BUILDINGS

STANDARD FORM OF THE AMERICAN INSTITUTE OF ARCHITECTS

AMENDMENT TO ARTICLE 27. CONTRACTOR’S LIABILITY INSURANCE

The following provisions supplement the provisions of Article 27:

1. The Contractor also shall maintain insurance required under any other Employee Benefits Acts in force at the place of building.

2. Property Damage Liability including claims due to automobiles shall be insured with Bodily Injury Claims under general liability policy.

3. All liability insurance required herein shall be under Comprehensive General and Automobile Bodily Injury, and Property Damage form policy.

4. On the third line after the word “arise” delete the word “from” and substitute the phrase “both out of”.

5. This insurance shall be written for not less than the following limits of liability:

   - Bodily Injury —One person $100,000
   - Property Damage—Each accident $300,000
   - Aggregate $50,000
   - $50,000

6. Certificates of Contractor’s Liability insurance shall be filed with the Owner and the Architect.

AMENDMENT TO ARTICLE 29. FIRE AND EXTENDED COVERAGE INSURANCE.

(For Additions and Alterations contracts, see “Explanation of Insurance Requirements” Michigan Society of Architects Document No. 3.

The following provisions supplement the provisions of Article 29.

1. The Fire insurance policy shall include the Extended Coverage Endorsement.

2. Add to the defined Exclusions “any other temporary buildings owned or rented by the Contractor”.

3. The following Subrogation Clause shall be included in all fire and extended coverage policies.

   “Subrogation Clause: It is hereby stipulated that this insurance shall not be invalidated should the insured waive in writing prior to a loss any or all rights of recovery against any party for loss occurring to the property described herein”.

4. Certificates of Fire and Extended Coverage insurance shall be filed with the Contractor and the Architect.

AMENDMENT TO ARTICLE 31. DAMAGES

The following provisions supplement the provisions of Article 31.

1. On the first line in the first paragraph, after the word “manner” insert the following: “Other than Fire, Lightning, or Extended Coverage perils”.

2. After the last paragraph, add the following separate paragraph.

   “The Contractor and his Sub-contractors shall in no event be liable to the Owner and in no event shall the Owner be liable to the Contractor or his Sub-contractors for any act which may result in a loss from Fire, Lightning, or Extended Coverage perils in connection with this contract, either during or after completion of this contract. The Contractor shall include in contracts with his Sub-contractors a similar waiver of recovery rights by the Subcontractor against the Owner and the Contractor”.

michigan society of architects

CONTRACTOR'S LIABILITY INSURANCE

1. The Contractor shall maintain insurance as will protect him from liability under Workmen's Compensation Acts and other Employer's Liability Acts in accordance with the law in force where the building or structure is to be built. The liability for damages because of Bodily Injury, including death and Property Damage, including accident claims due to Automobiles, all under Comprehensive General and Automobile Bodily Injury and Property Damage form of policies, which may arise both out of and during work under this contract, whether such work be by the Contractor, himself, or by any Sub-contractor or anyone directly employed by either of them.

2. This insurance shall be written for not less than the following limits of liability:
   - Bodily Injury: One person $100,000
   - Each accident—occurrence $300,000
   - Property Damage: Each accident $50,000
   - Aggregate $50,000

3. This insurance is not intended to cover any responsibility for damages as included herein under the heading "Damages".

4. Copies of all insurance policies shall be filed with the Owner and the Architect.

OWNER'S LIABILITY INSURANCE

5. The Owner shall be responsible for and shall maintain such insurance at his option as will protect him from liability to third parties for damage because of Bodily Injury, including death and damage to property of others which may arise from work under this contract, and any other liability for damages which the Contractor is required to insure under any provision of this contract.

FIRE AND EXTENDED COVERAGE INSURANCE

(For Additions and Alterations contracts—See Michigan Society of Architects Document No. 3 "Explanation of Insurance Requirements")

6. The Owner shall insure his interest including the interest of the Contractor and all Sub-contractors hereunder in the entire structure on which work of this contract is to be done, against loss from Fire and Extended Coverage perils to one hundred per cent of the insurable value thereof under a form of Builders' Risk insurance.

a. Such insurance is to include temporary structures, materials, equipment and supplies of all kinds incident to the construction of said building or structure, all forming a part of or contained in said building or structure, temporary structures, or on vehicles, or in the open, only while on the premises described or within 100 feet thereof.

b. The Contractor and his Sub-contractors shall separately insure all their equipment such as tools, equipment, scaffolding, towers, stagings, bunk houses and other temporary buildings owned, Borrowed or rented and all materials which do not become part of the construction or included in the cost of the work.

7. The Contractor shall be named or designated in such capacity as insured jointly with the Owner in all policies and all Sub-contractors shall be included as insured jointly with the Contractor in all policies by the designation "Sub-contractors, as their respective interest may appear". Certificates of such insurance shall be filed with the Contractor and the Architect. If the Owner fails to carry insurance as provided above and so advises the Contractor, the Contractor may insure his interest and that of the Sub-contractors at the Owner's expense. If the Owner fails to notify the Contractor that insurance is not carried, the Contractor may recover damages as may be provided under "Damages" elsewhere in these specifications.

8. The following Subrogation Clause shall appear in all Fire and Extended Coverage insurance policies:

   "Subrogation Clause: It is hereby stipulated that this insurance shall not be invalidated should the insured waive in writing prior to a loss any or all right of recovery against any party for loss occurring to the property described herein".

9. The insured loss, if any, is to be adjusted with and payable to the Owner as Trustee for the insureds as their interest may appear, except where payment of all or a proportion of the insurance is to be made to a mortgagee as his interest may appear.

10. In case of a loss under Fire and Extended Coverage insurance policy provided for in these insurance provisions protecting the interest of the parties hereto, the Owner, in his capacity as Trustee, shall furnish bond, if requested in writing by any interest herein and shall be empowered to adjust and approve loss settlement with the insurance companies and to receive such insurance loss funds for placement in a special bank account for such purposes only. If any party at interest herein objects to the settlement of a loss, and so states in written form prior to signing of Proofs of Loss by the Trustee, the adjustment of the loss may be submitted to arbitration in accordance with approved Arbitration procedure as specified and the Trustee shall be governed by the arbitrators' decision. (Note to Architects: Provide for such procedure elsewhere in the General conditions.)

11. All insurance loss monies paid to the Trustee shall be distributed in accordance with a mutual agreement between the parties to this contract, or under arbitration award following approved arbitration procedure as provided for above.

SPECIAL INSURANCE

12. If other insurance such as, but not limited to, Boiler Insurance, Vandalism and Malicious Mischief, etc., not herein provided for is required by the Contractor, the Contractor shall effect such insurance at his expense for the joint interest of the parties hereto. Certificates of insurance shall be filed with the Owner.

13. It is distinctly understood that all other insurance contracts for the protection of the Owner's property, such as machinery and equipment, etc., and the insuring of his liability such as elevators and escalators shall be furnished by the Owner unless specifically requested otherwise by the Owner and agreed to by the Contractor.

DAMAGES

14. The Contractor and his Sub-contractors shall in no event be liable to the Owner and in no event shall the Owner be liable to the Contractor or his Sub-contractors for any act which may result in a loss from Fire, Lightning or Extended Coverage perils in connection with this contract, either during or after completion of this contract. The Contractor shall include in contracts with his Sub-contractors a similar waiver of recovery rights by the Sub-contractor against the Owner and the Contractor.

15. If either party to this Contract should suffer damage in any manner other than from Fire, Lightning or Extended Coverage perils, because of any wrongful act or neglect of the other party or of anyone employed by him, then he shall be reimbursed by the other party for such damage, provided, the Owner shall be responsible for and at his option insure against loss of use of any of his existing property, due to fire or otherwise, however caused.

16. Claims under this clause shall be made in writing to the party liable within a reasonable time of the first observance of such damage and not later than the time of final payment, except as expressly stipulated otherwise in the case of faulty work or materials, and shall be adjusted by agreement or arbitration.

17. The Contractor is relieved of responsibility for damages to the work due to causes beyond the control of and without fault or negligence of the Contractor.
Michigan Society of Architects
Document No. 3

Explanation of Insurance Requirements
In Connection with the Construction of Buildings in the State of Michigan

1. INTRODUCTION
a. Insurance against loss due to fire, accidents or other causes is important in order to protect the financial status of both the Owner and Contractor. The risks vary widely in different sections of the country and on different types of projects.
b. The purpose of this Document is to explain the important provisions appearing in Michigan Society of Architects Document Numbers 1 and 2, and to enumerate other provisions which may be desirable in special cases, thus serving as a check list and a reminder in the Architect of types of insurance protection which may be desirable.
c. The following Insurance Documents have been issued concurrently with this Michigan Society of Architects Document No. 3:

2. CONTRACTOR'S LIABILITY INSURANCE
a. Employee Benefit Acts
   (1) WORKMEN'S COMPENSATION INSURANCE
   As respects Workmen's Compensation Acts and of other Employee Benefit Acts, this article is broadly phrased and must be interpreted in the light of the applicable workmen's compensation acts and related statutes which vary in different states. It should be remembered, as noted in Article 1 (a), "The law of the place of building shall govern the construction of this contract."
   For this reason a discussion of the scope of coverage, cancellation requirements and other details is both undesirable and unnecessary.
   (2) EMPLOYEE NON-OCCUPATIONAL DISABILITY ACTS
   There are four states (California, New Jersey, New York and Rhode Island) which now require Employees to carry group non-occupational accident and health insurance on the Employers who are employed in those states. This social legislation is being considered in other states.
   When this type of insurance is required to be provided by a contractor for work in any of the above states, it will automatically be included under the phrase "other Employee Benefit acts in force at the place of building" as stated in Michigan Society of Architects Document Number 1 amended Article 27, and Michigan Society of Architects Document No. 2, paragraph No. 1.
   b. Comprehensive-General and Automobile Liability Insurance
   (1) High court verdicts, involving both injury to members of the public and damage to property, make it necessary to insure both of these coverages to minimum limits not less than those specified herein. The variety of accidents causing these losses in construction work and the use of motor vehicles make it necessary that insurance be provided under a Comprehensive Public Liability Policy, the General Liability Coverage which is designed for the Contractor for Bodily Injury and Property Damage Liability arising from acts of Sub-contractors and their employees. Various liability exposures such as Employer, Contractual, and Non-Owned Automobiles are insured and should not be deleted from the policy.
   (2) POLICY FORM AND COVERAGE
   The Comprehensive General and Automobile Liability Policy (Policies) will automatically insure all of the operations and locations of the contractors including motor vehicles. In addition, this document provides Contractor's Protective (Contingent) Liability Coverage, which is designed to protect the Contractor for Bodily Injury and Property Damage Liability arising from acts of Sub-contractors and their employees. Various liability exposures such as Employer, Contractual, and Non-Owned Automobiles are insured and should not be deleted from the policy.
   (3) COVERAGE FOR COMPLETED OPERATIONS
   In addition to the above, this Policy also includes coverage for Completed Operations refer to conditions arising out of the work, but occurring after the insured's operations have been completed or abandoned at the place of the accident. This is a special hazard which may greatly increase the insurance cost. In the event that some contractors desire to self-insure the Completed Operations exposure, this coverage may be deleted from the Comprehensive General and Automobile Liability Policy.
   (4) CONTRACTUAL LIABILITY
   Under Comprehensive General and Automobile Liability Policy, the contractor is liable for damages arising out of his negligence or the negligence of his employees. "Contractual Liability" generally requires an additional premium charge. It is not included in the basic insurance, the contractor is required to procure the "Contractor's Protective Liability insurance" which insures the contractor against such losses and should be inserted into the policy where such coverage is desired.
   (5) LIMITS OF LIABILITY
   Today there is need for higher bodily injury and property damage limits of liability than heretofore because of the higher verdicts rendered by the courts. It is of definite advantage to the Owner to have the contractor's financial position protected by having the insurance limits not less than the limits required by Michigan Society of Architects Document No. 2. The approved minimum limits are:
   Property Damage—Each accident—$100,000
   Bodily Injury—Each person—$50,000
   Property Damage—Aggregate—$100,000
   Bodily Injury—Aggregate—$100,000
   (6) CONTRACTOR'S PROPERTY DAMAGE LIABILITY FOR PROPERTY IN HIS CARE, CUSTODY AND CONTROL
   The Standard Comprehensive General and Automobile Liability Policy excludes damage to property in the care, custody, or control of the (insured) Contractor, Property in the "Care, Custody and Control of the Insured" will vary according to the nature of the work and is a question of fact. Since this phrase is susceptible of conflicting interpretations, special consideration should be given in each case to this exposure. This exposure can be cared for as follows:
   (a) by having waived from the General Liability Policy the exclusion of property in the care, custody and control of the insured.
   (b) in part by purchase of Fire and Explosion Legal Liability Insurance.
   (c) in part by the provisions set up in Michigan Society of Architects Document No. 2, wherein the Owner, Contractor and Sub-contractor, waive rights of recovery from each other for losses which may result from fire and extended coverage perils such as theft, flood, etc and (2) court decisions indicate that it is possible one may not be excused for damage to property of others when due to gross negligence.

3. OWNER'S LIABILITY INSURANCE
   The Owner of a property may be held responsible for personal injuries due to work done on or about his premises by an independent contractor. One who engages a contractor normally is not responsible for the consequences of the contractor's acts or those of his employees. The following and other court decisions can be cited, as exception:
   a. One who engages a contractor to do work which is apt, by its very nature, to injure others unless reasonable precautions are taken owes a duty which cannot be delegated, to see that those precautions are taken.
   b. One who authorizes an independent contractor to do certain work may not escape liability when it results from the manner of doing the work, but from the very doing of it.
   c. One, on whom the law imposes a positive duty, may not, by the employment of an independent contractor, relieve himself of liability for injuries resulting from the failure to use due care.

4. FIRE & EXTENDED COVERAGE INSURANCE
   (a) Fire insurance automatically includes lighting.
   (b) Extended Coverage Endorsement insures against the following perils:
1. Winds, Storm, Hail, Tornado
2. Hail
3. Explosion (except from steam boilers, and pipes, steam turbines and rotating parts of machinery)
4. Riot, Riot attending a Strike
5. Civil Commotion
6. Aircraft Damage
7. Motor Vehicle Damage
8. Smoke Damage from a sudden, unusual and faulty operation of any heating or cooking unit only while connected to a chimney or flue, and while in the insured premises.

b. Article 29 of the A.I.A. General Conditions and paragraph 6 of Michigan Society of Architects Document No. 5 provides for 100% coverage and refers to an insurance policy in the amount of the entire cost of erection which should be insured under Builders Risk Form.

c. ADDITIONS AND ALTERATIONS CONTRACTS
If the construction under the contract is an addition or an alteration to a previously built building or structure, then the Contractor's insurance contracts covering such property may be used to include the new values without any increase in the published Fire and Extended Coverage rates. This can be accomplished by attaching an Amendment and Repair Form Endorsement, and also by altering the policies the Contractor's name as an additional named insured and include his sub-contractor's interest by the Insured's designation of him as an excess insurer as to such respective interests may appear. Generally the published Fire and Extended Coverage rates in a completed project from the Builder's Risk Form are used for the construction of additions and alterations, the existing structure may be damaged or totally damaged so as to delay commencing and thus, there generally is a premium advantage to the Owner in following this practice. If this plan is to be followed, we suggest the following, or similar wording in the Specifications in lieu of the above reference made to 100% coverage under Builder's Risk Form.

The Owner shall insure his interest and the interest of the Contractor and all his sub-contractors hereunder in and to the entire structure on which the work of this contract is to be done, against fire and extended coverage perils, subject to any Co-Insurance Form presently being used to insure the Owner's existing property, and the amount of such insurance is recommended as at least the period of insurable value as stipulated in the co-insurance clause contained in the policy (polices).

The insurance is intended to protect all persons having an interest in the work, otherwise where there is more than one contractor that is to construct the structure similarly designated as insureds in the policy, and include their respective sub-contractors uninsured but designated as insureds as to such respective interests may appear as being included within the class of insureds.

d. SUBROGATION
A fire insurance company on paying, or being obligated to pay, a loss under the policy, may require rights of subrogation under the policy (by operation of law) to the rights of the Owner and shall have the right to contribute to collect for the damage caused by any person or persons in whose name the insurance is designated, and to recover from the Insured, the amount of any settlement or recovery from an Owner, the respective fire insurance companies, who shall not be liable to the Owner and his Sub-contractors for any act which may result in a loss by Fire, Lightning or Extended Coverage perils in connection with this contract, otherwise that is, if the Insured's Co-Insurer, on paying, or being obligated to pay, a loss under the policy, may require rights of subrogation under the policy to the rights of the Owner and the Sub-contractor, the Insured becomes a Co-Insurer for the same extent of the difference between the amount recovered by the Insured and the amount paid by the Co-Insurer and the agreed percentage of insurable value at time of loss.

Example of Loss Adjustment Under Co-Insurance
Insurable value of structure under the policy is $150,000. Under the Co-Insurance clause it is $100,000. The resulting Co-Insurance clause is recognized.

If the insured collects $90,000, then in the event of loss, the Co-Insurer will pay the difference in the amount of insurance, or $60,000. In the event of loss, he collects $75,000, and $45,000 as his share.

10. SUMMARIZED CHECK LIST
Special insurance which may be desirable because of Special Conditions existing in a Particular Project and not listed in General Conditions

<table>
<thead>
<tr>
<th>owners liability insurance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Owners contingent property damage liability</td>
</tr>
<tr>
<td>2. Steam boilers, turbines, motors</td>
</tr>
<tr>
<td>3. Elevators</td>
</tr>
</tbody>
</table>

5. SPECIAL HAZARDS
Earthquakes and floods are not common hazards in all parts of the country. According to the existing property value (except from steam boilers, and pipes, steam turbines and rotating parts of machinery) the property should be properly covered for insurance, appropriate to the locality. A certificate of insurance should be obtained from the architect in the light of the natural conditions and the place of buildings and such variations in coverage as he deems desirable should be included as supplementary General Conditions.

6. LOSS OF USE—BUSINESS INTERRUPTION
Loss of use of property resulting from fire constitutes a normal hazard which may be covered by insurance. In a new structure, loss of use insurance is not a factor, although it may become so. A new structure, or one started and not completed may be an important risk inherent in the contract for the work. This risk of loss of use has, of course, previously existed, apart from the work later undertaken, and may or may not have been insured by the Owner. It would seem appropriate for this risk of loss of use to continue to be the responsibility of the Owner and to be covered as part of the insurance insured by the Contractor to the alterations contractor. The risk should be transferred to the alterations contractor. The risk should be carried as a separate line of insurance, because it is also a common risk to real estate and commercial buildings under normal or potential hazards. The following is a list of the hazards for which loss of use should be insured:

- Fire
- Lightning
- Extended Coverage perils
- Vandalism and Malicious Mischief
- Theft
- Windstorm, Cyclone, Tornado
- Storm
- Flood
- Explosion
- Riot, Riots
- Riots attending a Strike
- Civil Commotion
- Aircraft Damage
- Motor Vehicle Damage
- Smoke Damage

7. SELF INSURANCE PLANS
If the Owner does not buy Fire and Extended Coverage insurance of his property and elects to carry his own risk, as do some political units or as some very large companies do, then the Contractor, because he does not pay insurance premiums, should protect the Contractor and Sub-contractors in exactly the same manner as if insurance policies were purchased. In such case the following, or similar wording shall be used in the specifications:

The above "Damages" have also been referred to herein under 2(b)(4) "Contractual Liability".

8. ALTERATIONS TO SPRINKLER SYSTEM
When alterations or additions are made to a building containing a sprinkler system, or when a sprinkler system is shut off for any reason the system shall be disconnected, as it is insured by the Insured to his fire insurance company, or his Agents or Brokers of or to the Fire Rating and Inspection Bureau governing this location.

9. EXPLANATION OF CO-INSURANCE
Co-Insurance is an agreement between an Insured and his Insurer whereby, because of a reduced rate, the Insured agrees to maintain insurance equal to a portion of the cost of the project. This may result in a loss by Fire, Lightning or Extended Coverage perils in connection with the contract, either during or after its completion.

The Contractor and all his Sub-contractors shall separately insure all contractors equipment, such as tools, equipment, scaffolding, form, staging, building materials and their respective interests may appear as being included within the class of insureds.

The Insured and the Sub-contractor shall separately insure all contractors equipment, such as tools, equipment, scaffolding, form, staging, building materials and their respective interests may appear as being included within the class of insureds.

The Owner shall not be liable to the Contractor or his Sub-contractors for any act which may result in a loss by Fire, Lightning or Extended Coverage perils in connection with this contract, otherwise that is, if the Insured's Co-Insurer, on paying, or being obligated to pay, a loss under the policy, may require rights of recovery rights by the Insured as to such respective interests may appear as being included within the class of insureds.

The following is a list of the hazards for which loss of use should be insured:

- Fire
- Lightning
- Extended Coverage perils
- Vandalism and Malicious Mischief
- Theft
- Windstorm, Cyclone, Tornado
- Storm
- Flood
- Explosion
- Riot, Riots
- Riots attending a Strike
- Civil Commotion
- Aircraft Damage
- Motor Vehicle Damage
- Smoke Damage
Can Your Clients Afford Totally Destructive Fires?

Irreparable financial damage may easily result when a building is completely lost, not by reason of any lack of insurance, but because of the loss of income brought about by an inability to resume normal activities rapidly.

At an initial cost comparable to that for materials having little resistance to fire, a high degree of protection can be provided with flexicore pre-cast concrete roof and floor slabs.

Furnish your clients with "built in" fire protection.

Specify flexicore.
presenting a lecture at
MASONIC TEMPLE, DETROIT
Thursday, May 27, 1954, eight-thirty p.m.

sponsored by
The American Institute of Architects,
Detroit Chapter, 120 Madison, WO. 5-3680

TALIESIN

FRANK LLOYD WRIGHT

THE WORLD-FAMED ARCHITECT IN ONE
OF HIS RARE DETROIT APPEARANCES

All Seats Reserved. Prices are All-Inclusive. Mail Orders Will Be Promptly Filled With the Best
Seats Available at the Price. Make up your Theatre Party and order Tickets NOW.

THE AMERICAN INSTITUTE OF ARCHITECTS, DETROIT CHAPTER
120 Madison Avenue, Detroit 26, Michigan, WO. 5-3680.

I desire tickets to the Frank Lloyd Wright Lecture at the Masonic Temple, Detroit, Thursday,
May 27, 1954, 8:30 p.m., indicated below, payment for which accompanies this order.

☐ Boxes
  (4, 6, 8 People; Boxes Adjacent for Larger Parties) No. of People @ $2.50

☐ Orchestra Circle No. of People @ $2.50

☐ Orchestra Horse Shoe No. of People @ $2.00

☐ Main Floor No. of People @ $2.00

☐ Balcony Circle No. of People @ $2.25

☐ Balcony Horse Shoe No. of People @ $1.50

Enclosed is payment in the amount of $

Please mail tickets to

Address

Number

Street

Zone

State

Telephone Number

Date

A Direct Benefit for
THE AMERICAN INSTITUTE OF ARCHITECTS, DETROIT CHAPTER
LITERATURE tells about man. Architecture presents him. The Architecture that our man of Democracy needs and prophecies is bound to be different from that of the common or conditioned man of any other socialized system of belief. As never before this new free-man’s Architecture will present him by being true to his own nature in all such expressions. This aim becomes natural to him in his Art as it once was in his Religion.

With renewed vision, the modern man will use the new tools Science lavishes upon him (even before he is ready for them) to enlarge his field of action by reducing his fetters to exterior controls, especially those of organized Authority, publicity, or political expediency. He will use his new tools to develop his own Art and Religion as the means to keep him free, as himself. Therefore this democratic man’s environment like his mind, will never be stylized. When and wherever he builds he will not consent to be boxed. He will himself have his style.

The Democratic man demands conscientious liberty for himself no more nor less than he demands liberty for his neighbor. The way of life he calls Civilization will expand according to his inner vision to develop the integral beauty derived only from self-culture. This man’s own conscience will be his constant concern and aim to correct his social standards in all acts that proceed from him. This constant vigilance constitutes his only guarantee of Freedom. The true democrat will seek and find "safety" in knowledge and courageous practice of the organic, or interior, laws of Nature, suspicious of all exterior interference or preparation for the use of Force.

Whenever organic justice is denied him he will not believe he can get it by murder but must obtain it by continuing fair dealing and enlightenment at whatever cost. He will never force upon others his own beliefs nor his own ways. He will display his social methods to others to best advantage as critic or missionary only when sought by them.

His neighbor will be to him (as he is to himself) free to choose his own way according to his own light, their common cause being the vision of the uncommon-man wherein every man is free to grow.
to the stature his freedom in America under the Constitution of these United States grants him.

Exterior compulsion absent in him, no man need be inimical to him. Conscience, thus indispensable to his own freedom, becomes more normal to every man.

As this vision of Democracy thus clears, man's powers would naturally increase. The soul of his society—Art and Religion—would gain dignity and range by constant performance until his life became that of a whole man: a wholesome one instead of the fraction the common man is: under-nourished or over-built by exterior controls, especially by those of Education. Peace would become normal but reform of the World so far as that reform was his concern could only begin with his own reform and proceed from there.

Remember the men who gave us our Nation. We have "the Declaration" and our Constitution because they were individualist. Great Art is still living for us only because of Individualists like Beethoven. We have creative men on earth today only as they are free to continually arise as individuals from obscurity to demonstrate their dignity and worth above the confusion raised by the herding of the common-man by aid of the scribes and Pharisees of his time—quantity ignoring or overwhelming quality. The herd disappears and reappears but the sovereignty of the individual persists.

Observe the buildings of the world. Uniqueness to Time, Place and Man constitutes the great universality we call the Art of Architecture. It is this appropriation to circumstance—not what buildings possess in common—that is the great virtue of all great Art.

RESUMÉ

Winds blow, fires burn, water falls and the law of gravitation holds but not what all have in common interests us most. Universality is no virtue in itself. It may only be weakness or default. To the individual we must look for that quality in life we call creative.

In the depth of a man's Faith would lie his true humility, that of the IDEAL MAN. His prayer would be humble only to ever-changing never-ending LIFE.

FRANK LLOYD WRIGHT
ABOVE: IMPERIAL HOTEL, TOKYO, JAPAN — 1913-19
UPPER RIGHT: DINING ROOM
LOWER CENTER: EMPEROR'S ENTRANCE
RIGHT: DAVID WRIGHT HOUSE, PHOENIX, ARIZONA
LEFT: ENTRANCE RAMP
LEFT: V. C. MORRIS SHOP, SAN FRANCISCO, CALIFORNIA — 1950
RIGHT: TALIESIN EAST, SPRING GREEN, WISCONSIN — 1952
LEFT: UNITARIAN CHURCH, MADISON, WISCONSIN — 1951
RIGHT: H. J. NIELS HOUSE, MINNEAPOLIS, MINNESOTA
MELVYN MAXWELL SMITH HOUSE,
BLOOMFIELD HILLS, MICHIGAN
1948
SOIL INVESTIGATIONS
FOUNDATIONS
HEAVY CONSTRUCTION
LINING PIPES WITH CEMENT MORTAR
(Centriline and Tate Processes)

RAYMOND
CONCRETE PILE COMPANY
140 Cedar Street, New York 6, N. Y.

LINTON HART, DISTRICT MANAGER
7430 Second Avenue, Detroit 2, Michigan
TRinity 1-3600

Offices in Other Principal Cities in the United States

AMAZING 4-HOUR FIRE RATING
Plus 0.65 Noise Reduction Achieved by
ZONOLITE
ACOUSTICAL PLASTIC

No ceiling ever before devised gives so much combined acoustical value and fire protection at such low cost! A 4-hour fire rating can be obtained with just ½" ZONOLITE Plaster plus ½" ZONOLITE Acoustical Plastic—at little more than the cost of conventional 3-coat plastering! Mail coupon today for FREE booklet.

WRITE FOR FREE BOOKLET!
ZONOLITE COMPANY, Dept. MB-44
355 S. LaSalle Street, Chicago 5, Illinois

For Window Cleaning . . .
For Cleaning of Brick, Stone, Glass, and Interior Tile . . .
For Cleaning of Steel Partitions . . .
... always depend on DAELYTE

DAELYTE has the experience, equipment and specialized personnel to render complete dependable service. Whether a building is the commercial, industrial or institutional type . . . located in Michigan, Ohio, Indiana or Pennsylvania . . . Daelyte's service is available the year around. So whenever the occasion arises for a cleaning job of any kind, don't be in the dark—call "Daelyte."

Other Daelyte Services:
- Painting
- Building Cleaning
- Caulking
- Sand Blasting
- Tuck Pointing
- Steam Cleaning
- Concrete Repairs
- Wall Washing
- Water Proofing
- Cement Finishing
- Glazing
- Floor Waxing
- 24-hour Janitor Service
- Cleaning and Pointing tile in new buildings

A Daelyte representative will gladly call and explain in detail Daelyte's complete service.

Daelyte Service Co.
Complete Building Maintenance — since 1920
300 Riopelle St., Detroit 7
WOodward 1-4131
HICKEY, SHAW & WINKLER, INC.

PLUMBING & HEATING
AND
POWER PLANT
INSTALLATIONS
VENTILATING
AND
AIR CONDITIONING

14855 Ward Avenue, Detroit 27, Michigan
VErmont 8-0500

"Paving" (Parking Area)

ASPHALT PAVING is the modern type of pavement now used for parking areas, access roads and driveways. Its economy and durability make it the preferred type of paved surface. Architects and engineers now specify ASPHALT PAVING for modern paving needs.

For Quality Work Use Only the Contract Method Through Experienced, Pre-Qualified Contractors

For Information and Specification Recommendations Write:

Michigan Asphalt Paving Association
Incorporated
701 PRUDDEN BUILDING
LANSING 16, MICHIGAN

VAMPco
Aluminum Windows

CADILLAC GLASS CO

2570 HART, DETROIT 14
VA 1-7200

DISTRIBUTORS OF QUALITY

Power Plant Equipment

Fans — Unit Heaters — Air Washers — Pumps —
Cooling Towers — Ash Handling Systems — Boiler
Feed Regulators — Coal Scales — Soot Blowers —
Boiler Controls — Hot Water Heaters — Vacuum
Heating Pumps — Heating Systems with Zone
Controls — Heating Specialties — Automatic Sole
noid Valves — Float Valves — Insulation Products —
Air Filters — Stokers — Steam Traps — Regulators —
Recorders — Welding Fittings — Valves of all types
and for every purpose — Pipe and Fittings.

The Coon-DeVisser Co.
2051 W. Lafayette
Detroit 16, Michigan
TAshmo 5-6000

april '54 monthly bulletin
No Building is Better than its Floors!

Whitcomb-Bauer Flooring, Inc can solve your hardwood flooring problems. Distributors and installers of IRONBOUND CONTINUOUS STRIP® hard maple flooring, flat grain or edge grain, the finest floor obtainable for gymnasiums, class rooms, bakeries, newspaper plants and industrial areas. We specialize in designing and installing heavy duty removable panels for press plants.

• Press plant panels
  • Nailed floors, all types
  • Worthwood end grain Fir flooring
  • IRONBOUND CONTINUOUS STRIP Maple flooring

INSTITUTIONAL — INDUSTRIAL — COMMERCIAL

BIRCHARD & ROBERTS
General Contractors

23931 KEAN AVENUE
DEARBORN, MICHIGAN

LOGAN 3-9562
The New Fourth Edition of
The ONE-BOOK REFERENCE SHELF on BUILDING

ARCHITECTURAL
GRAPHIC STANDARDS

By CHARLES G. RAMSEY, A.I.A.
and HAROLD R. SLEEPER, F.A.I.A.

- Increased by 80%
- 386 entirely new pages
- Expanded index of 11,560 entries

Although completely revised, the purpose remains the same—to supply architects and draftsmen with the standards, facts, and data needed in their daily work for every type and phase of building. The material is arranged in the natural sequence of building, from the foundation up, including materials, fixtures, fittings, devices, equipment, appliances, accessories, utensils, furnishings, apparatus, machinery, and supplies. The data have been drawn from thousands of sources, checked against standards where they exist and with architects' and manufacturers' associations where they don't, and presented in the most usable form.

614 pages 9¼ by 11½ $12.50

NATIONAL ARCHITECT
120 Madison Avenue, Detroit 26, Michigan
J. L. HUDSON NORTHLAND SHOPPING CENTER

Manufacturers & Distributors
LARGEST STOCK OF FACE BRICK IN MICHIGAN
DIRECT FROM THE KILN TO THE JOB
BEAUTIFUL BRICK OF QUALITY, ENDURANCE & ECONOMY
WIRE CUTS - MATS - RUGS - BUFFS - GREYS - IRON SPOTS - SMOOThS - REDS - OAK BARKS
BROKEN TILE - NORMAN - ROMAN - IN STRAIGHT SHADES - OR IN MULTI-COLORS

We furnished all face brick used on this project and after 2 1/2 years our 12 inch Norman size and 8 inch brick has not varied as to size or color. The brick was made specially for this project.

14183 Wyoming Ave., Detroit 38, Michigan • WEBster 3-2384

WEATHERTITE
"WEATHERTITE"
CORK SEAL for CONTROL JOINTS
Self-expanding Cork Weatherstrip maintains perfect seal in Control Joints of block constructed masonry walls. Always use approved Control Joints to eliminate cracks caused by shrinkage . . . always use WEATHERTITE to safeguard against seepage through these very necessary joints.
Recommended by Block Makers

WILLIAMS EQUIPMENT and SUPPLY COMPANY
16651 Boylis Avenue • Detroit 21, Michigan

SUN AWNING CO.
ESTABLISHED 1936
"Just A Shade Better"

VERTICAL ROLLER CURTAIN AWNINGS FABRICATED AND INSTALLED ON THE J. L. HUDSON NORTHLAND REGIONAL SHOPPING CENTER, DETROIT, MICHIGAN
ELECTRICALLY OPERATED MECHANISMS TO OPEN AND CLOSE WOOD SHUTTER AWNINGS ON STOUFFER RESTAURANT AT NORTHLAND CENTER
12756 GRAND RIVER AVENUE
DETROIT 27, MICHIGAN

CEntury BrICK CoMpany

face brick
norman - roman and standard size - pc glass block - chem brick
for beauty and permanence
better brick builds better buildings

14900 LINWOOD AVENUE, DETROIT 21, MICHIGAN

Michigan society of architects
a sliding glass living-room wall to open on terrace or patio

Panaview sliding glass panels — built by the makers of Glide — are framed in highest quality heavy gauge extruded aluminum. All sash slide, all hardware is flush, sill track is flush with floor. Glazed with 5/8" plate glass or Thermopane. Available in a complete range of standard sizes.

Write or phone us for complete information

Standard Building Products
14200 Cloverdale
Detroit 38, Mich.

Estimating Construction Costs
by R. L. Peurifoy
Professor of Civil Engineering
A and M College of Texas
315 pages, 6 x 9, 60 illus., $7.50

You'll make much more realistic estimates with the accurate guidance this practical book gives you on all types of major construction. Covering each type in detail, it brings you simpler ways of appraising the many varying factors that influence the costs of labor, equipment and materials, PLUS including your overhead and profit factors as well.

Over 100 time-saving tables simplify involved combinations of labor, equipment, and materials. These tables break down operations into workable units such as the amount of material needed for a particular job. . . . the man-hours it takes. . . . the hourly cost of owning and operating the equipment used on the job. They give you a variety of valuable estimator's data in quick-reference form.

FOR EXAMPLE, you will find tables that tell you the hauling capacities of trucks. . . . rates of handling earth by hand. . . . the rate of drilling rock with jackhammers and wagon drills. . . . data on standard Raymond concrete piles. . . . quantities of material for one cubic yard of mortar.

The book contains unusually comprehensive descriptions of the means for determining the production rates of both labor and equipment. It gives positive help, enabling you to understand the factors which affect production rates, such as how rates for digging may differ between hard and soft earth. . . . how maneuverability in close quarters cuts equipment production, etc.


Write to

MONTHLY BULLETIN
120 MADISON AVE.
DETROIT 26, MICH.

DON'T TAKE CHANCES HERE!

Excessive temperature and pressure in hot water heaters can mean trouble, and real danger! Here's the best answer to these twin hazards yet developed.

The McDonnell 202 Series combines, for the first time, (1) a time-tested pressure relief valve Btu.-rated in steam capacity, and (2) a time-tested temperature relief valve Btu.-rated and listed by the American Gas Association. Vernitherm element assures accurate, positive operation and drip-tight reseating. New fixture connection for service water flow simplifies installation and eliminates air accumulation in valve. Available with opening pressure settings of 75, 100 or 125 lbs.

Write for complete engineering facts

MCDONNELL & MILLER, INC.
3500 N. Spaulding Ave., Chicago 18, Ill.

PAGEL'S INCORPORATED

Photo Engravers for Monthly Bulletin

641 MONROE AVENUE
DETROIT 26, MICHIGAN

WO. 1-0472 — 1-9239
McDonnell Brothers, Inc.

Representing KERRIGAN IRON WORKS, INC.

STEEL GRATINGS
STAIR TREADS

3930 Lonyo Road
Detroit 10, Michigan
LUzon 1-4550

New — Practical — Time-Saving . . .

STREAMLINED SPECIFICATIONS STANDARDS
Volume I (Architectural) by BEN JOHN SMALL, A. I. A.

Here is the most valuable time-saver ever published for the architectural specifying team! Uniquely designed in three handy, easy-to-detach pads, this volume contains all the specifications necessary for the contract, site work, carpentry and other structural work, masonry, weather protection, metal work and finishing of a building. All are grouped into 63 alphabetically arranged sections, are numbered for quick reference or separate filing, and are printed on only one side of a page in double-spaced elite typewriter type. Nowhere else will you find these amazing streamlined specifications in such easy-to-use form!

1952, 1000 SHEETS — 3 8½x11” PADS, $20.00

Order your copy directly from
A.I.A. MONTHLY BULLETIN
120 Madison Avenue
Detroit 26, Michigan

Fireside Printing & Publishing Company

MAGAZINE AND PROGRAM SPECIALISTS

2282 EAST FOREST AT CHENE
DETROIT 7, MICHIGAN
TEMPLE 2-4900
Thomas Brick & Tile Co.
14360 Livernois Ave.
Detroit 4, Michigan

FACE BRICK — GLAZED
BRICK — PAVING
BRICK — ACID BRICK
— REFRACTORY BRICK
AND CEMENTS — CUP-
PLES ALUMINUM WIN-
DOWS — WARE ALUM-
INUM WINDOWS

Est. 1896

Telephone
TOwnsend 8-1354

NEON and METAL LETTERS
Longq SIGN CO.
6209 Hamilton Ave.
Detroit 2, Mich.

PORCELAIN • STAINLESS • ALUMINUM

THE JOHN H. BUSBY COMPANY
ELECTRICAL CONTRACTORS

826 Cherry Street
Detroit 1, Mich.
WOODward 1-1681

Winkworth Fuel & Supply Co.

Sand
Gravel
Cement
Plastering Materials
and
Transit Mixed Concrete

8829 West Jefferson Ave.
Detroit 17, Michigan
Vinewood 2-4000
Heineman & Lovett Co.

WATERPROOFING ENGINEERS AND CONTRACTORS

I GENUINE IRON BOND SYSTEMS
For Basements, Pools, Tanks And Other Sub Structures

Distributors of

JOHN A. MERCIER BRICK COMPANY
3895 Roulo Ave., Dearborn
VI. 1-0761

Manufacturer and Distributor

Mercrete
SLAG BLOCK
Lighter in Weight

SLAG BRICK
Lighter in Color

QUALITY FACE BRICK
"specify the best"

"depend on a dependable name"

Shingledecker Sales Co.

SALES AND SERVICE
16027 Plymouth Road
Detroit 27, Michigan
BRoadway 3-0055

WE WELCOME YOUR INQUIRY
Pat Shingledecker • Jack Shingledecker

Maurice V. Rogers Company

GENERAL CONSTRUCTION
CUSTOM RESIDENTIAL COMMERCIAL BUILDING

UNiversity 3-3171
15849 WYOMING AVE.
DETOIT 21, MICHIGAN

Michigan society of architects
Moynahan Bronze Co., Inc.
Flat Rock, Mich., Dn. 2-3234 • Detroit Office, 9545 Grand River, Te. 4-2198

Darin & Armstrong, Inc.
General Contractors
Detroit 3, Michigan

M. Den Braven Co.
established 1912
Sheet Metal Ventilating Air Conditioning
9080 Alpine Avenue Detroit 4, Michigan
We. 3-7494-5-6

Aluminum and Architectural Metals Co.
Miscellaneous Iron and Ornamental Metal Work
Aluminum, Bronze, and Stainless Steel Stairs
1974 Franklin Street, Detroit 7, Michigan • Lorain 7-6880

F. H. Martin Construction Co.
955 E. Jefferson Ave. Detroit 7, Michigan
Woodward 1-4890

SINCE 1884

Restrick Lumber Company
14400 Wyoming • Detroit 21, Michigan
William Beyster, Inc.
IMPORTED & DOMESTIC LUMBER
CUSTOM MILLWORK

Telephone
WALNUT 1-3029
2905 BEAUFAIT AVENUE
DETROIT 7, MICHIGAN, U. S. A.

Genuine California Redwood
COMPLETE INVENTORY IN STOCK
WHOLESALE AND RETAIL
4/4, 5/4, 6/4 & 8/4 thick — 4" to 24" wide — Kiln Dried
12/4 & 16/4 thick Tank Grade — Air Dried

MEMBER MARBLE INSTITUTE OF AMERICA, INC.
THE DETROIT MARBLE CO.
MARBLE CONTRACTORS
9128 Woodward Avenue, Detroit 2
TRinity 3-9553
Domestic & Foreign

THE DETROIT MARBLE CO.
MARBLE CONTRACTORS
9128 Woodward Avenue, Detroit 2
TRinity 3-9553
Domestic & Foreign

MIDWEST architectural METALS CO.
Fabricators of Custom Metal Work
ALUMINUM, BRONZE, STAINLESS STEEL
Kenwood 4-9060

THE DUNN - RAINEy COMPANY
Manufacturers
"DURA-GLAZE" ELASTIC GLAZING COMPOUNDS
"DURA-SEAL" ELASTIC CAULKING COMPOUNDS
METAL AND WOOD SASH PUTTY
4461 W. Jefferson Ave.
Detroit 9, Michigan
Telephone TA. 5-7156

Brooke Electric COMPANY, INC.
ELECTRICAL CONTRACTORS
962 EAST CONGRESS ST.
DETROIT 7, MICH.

Plastoid
WOOD & METAL SASH PUTTIES
AND CAULKING COMPOUNDS

Plasti-Glaze
GLAZING COMPOUNDS

Plastic Products Company
General Offices and Laboratories
6457 Georgia Avenue • DETROIT 11, MICHIGAN

FACTORIES:
Jersey City
Detroit • New Orleans
Chicago • Oakland, Calif.
School, Church
Laboratory, Library
Furniture & Equipment
WINDOW SHADES       CHALKBOARDS
DARKENING SHADES    CORKBOARDS
We Stock — We Install

B. F. FARNELL COMPANY
435 W. Seven Mile Rd., Detroit 3, Michigan
(Between Woodward and John R) TOWNSEND 8-9231

M. H. WILKINS CO.
Structural Steel and Steel Joists
Fabricated and Erected

20501 HOOVER, DETROIT 5
LAKEVIEW 6-1000

THE MOSAIC TILE COMPANY
OF ZANESVILLE, OHIO
Visit an Architect's
MUST for clay tile ideas
Special Architects Showroom:
20230 Sherwood, Detroit 34
TWINBROOK 3-1254

L. SONNEBORN SONS, INC.
Concrete Floor Hardners, Admixtures
Curing Compounds, Masonry Coatings
Waterproofings, Floor Sealers, Finishes
Lapidolith - Lignophol
Hydrocide SX - Color Coat

18212 JAMES COUZENS HIGHWAY
DETROIT 35 • DIAMOND 1-0171

OTTO H. SAUER CO.
General Building Contractors
Churches, Commercial, Custom Residential
5735 Rohns Avenue
Detroit 13, Michigan
WALNUT 1-3054

ben t. young
waterproofing co.
bituminous waterproofing
and dampproofing
TO. 9-3227
TO. 9-0047

427 W. SEVEN MILE ROAD, DETROIT 3, MICHIGAN

GYPSUM ROOF DECKS
Fireproof
Lightweight
Insulating

HOGE-WARREN-ZIMMERMANN CO.
E. C. HOGE — J. H. HOGE
5500 VINE ST., CINCINNATI 17, OHIO
AVON 5621

ALFRED W. WARREN
111 WASHINGTON ST., CHICAGO 1, ILLINOIS
STATE 2-8029

JOHN S. M. ZIMMERMANN
4500 E., NEVADA AVE., DETROIT 34, MICH.
TWINBROOK 2-5421

Turner-Brooks, Inc.
Floor Covering and Acoustical Contractors
9910-30 DEXTER BOULEVARD
DETROIT 6, MICHIGAN
TOWNSEND 8-2470
What Are The Specifications For Adequate Soil Sample?

The purpose of a soil sample is to enable the engineer to judge the properties of the soil, either by actual test or merely by inspection. In either case the sample must preserve the character of the native soil from change. The nature of the soil depends upon the chemical composition, size, shape, and arrangement of the individual grains; and upon the percentage of water and air-filled voids that go to make up the soil mass.

Of these factors, the grain structure and the volume of voids are the least permanent. Careless sampling of cohesive soils (clay or silt) will disturb the grain arrangement and the soil will become much softer than in the natural state. Careless packing will permit evaporation, and the soil will harden. In one case, the compressive strength of the undisturbed clay was twenty times that of the same sample when remolded.

Michigan Drilling Co.

13911 Prairie Ave.
Detroit 4, Michigan
Webster 3-8717

Hafke Brothers

Established 1896
Plumbing and Heating Contractors

3305 Gratiot Avenue
Detroit 7, Michigan
Lorain 7-3100

Solve Your Communication Problems With

Connecticut INTERCOMMUNICATION SYSTEMS

When the problem of communication appears in your planning, we recommend Connecticut—our foremost name in efficient PRIVATE office-to-office telephone systems. With Connecticut you may have a small system—2 to 5 stations—or an elaborate system up to 500 stations.

Call TRinity 4-1100
PROJECT ENGINEERING DIVISION

K.L.A. Laboratories, Inc.
7422 Woodward
Detroit 2

Building For Investment

by Clinton H. Cowgill
Head, Dept. of Architecture
Virginia Polytechnic Institute

This valuable book examines the many problems of building from the point of view of anyone with broad interests in building finance. It sets forth the procedures involved in the design, construction and remodelling of buildings of every type from houses to industrial plants. Professor Cowgill explains the relation of building to site, neighborhood, and geography. He discusses in easy-to-read language all the major building types and fully covers architecture, real estate, investment, ownership, appraisal, purchase, sale, finance, law and urban and regional planning.

Architects should find this big book useful as a general guide and for specific help in building finance problems. 482 Pages, $7.00.

ORDER NOW FOR IMMEDIATE DELIVERY

National Architect
120 Madison Avenue
Detroit 26, Michigan
Boosey

1200 Series

FLOOR and SHOWER DRAINS
Assure Permanent Water-tight Connections

Boosey No. 1200 series drains feature an exclusive clamping device which secures flashing without piercing... assuring a really permanent water-tight connection. Unique design provides maximum secondary seepage area and overcomes clogging. Adjustable tailpieces provide easy adjustment to varying floor thicknesses. Complete range of sizes and strainer heads. Also available is 1200 CI series with "deep set" head and frame. At slight extra cost heads furnished in Illinois Metal for a polished surface that will not peel, tarnish or wear off.

NORMAN BOOSEY MFG. CO.
GENERAL SALES OFFICE • 5281 AVERY AVE. • DETROIT 8, MICH.
Corner Kirby Ave. Phone Tylor 7-4117

R. E. LEGGETTE CO.
Established 1932
Acoustical & Building Specialty Contractors

CELOTEX Acoustical Products
SANYMETAL Toilet Partitions
INSULROCK Structural Insulating
Acoustical Roof Deck

9335 St. Stephens Ave., Dearborn, Mich., LUxon 4-2000

R. E. LEGGETTE CO.

Acoustical & Building Specialty Contractors

CELOTEX Acoustical Products
SANYMETAL Toilet Partitions
INSULROCK Structural Insulating
Acoustical Roof Deck

9335 St. Stephens Ave., Dearborn, Mich., LUxon 4-2000

Transit Mixed
Concrete
Face Brick
Sand and Gravel
Complete Line of
Building Supplies
and Agents for
Ceco Steel Sash

BOICE BUILDER'S SUPPLY
Manufacturers of Brick — Block — Concrete

545 TELEGRAPH ROAD
PONTIAC 19, MICHIGAN
FEDERAL 5-8186

RAY W. COVEY
Registered PROFESSIONAL ENGINEER
STRUCTURAL ENGINEER

S t r u c t u r a l
Engineering Service
Capable and Dependable

828 MICHIGAN BUILDING
DETROIT 26, MICHIGAN
WOODWARD 3-7330

B & L ELECTRIC COMPANY
ELECTRICAL CONTRACTORS

18424 Fitzpatrick Ave.
Detroit 28, Michigan
VERmont 7-3800

ENGINEERING & CONSTRUCTION
FREEMAN-DARLING CO.
GENERAL BUILDERS
8120 W. McNichols Road
Detroit 21, Michigan
UNiversity 4-4788

WHEN YOU THINK OF TILE
—THINK OF MULARONI
A QUARTER CENTURY
IN TILE & TERRAZZO
Boston Tile & Terrazzo Co.
(HUMBERT MULARONI)
23740 Grand River Avenue
Detroit 19, Michigan
KENwood 1-1530

PLUMBING DRAINAGE PRODUCTS
JO SAM MANUFACTURING CO., MICHIGAN CITY, INDIANA
District Representatives
Elmo G. Liddle
18925 Grand River Ave., Detroit—Phone: VE. 7-5312
James R. Thomas
1514 Wealthy St., Grand Rapids—Phone: GL. 4-2500

Good for a Lifetime!
GLASIRON
ARCHITECTURAL PORCELAIN ENAMEL
• STORE FRONTS
• CURTAIN WALLS
• AWNING HOODS
• SHINGLES
• COPINGS
• SIGNS

WOLVERINE PORCELAIN ENAMELING CO.
3350 Scotten Avenue
Detroit 10, Michigan

MULCAHY & COLLINS
• J. A. ZURN MFG. CO.
  Zurn system for supporting wall type plumbing fixtures, floor & roof drains, grease traps, solids interceptors, swimming pool equipment.
• CHICAGO FAUCET CO.
  The Ultimate Faucet
• W. D. ALLEN MFG. CO.
  Fire Protection Equipment
• IMPERIAL BRASS MFG. CO.
  Watrous Flush Valves and Soap Dispensers

DETROIT OFFICE
405 Donovan Bldg., Detroit 1, WOodward 1-8782
GRAND RAPIDS OFFICE
200 Josie N. W., Grand Rapids 2, Phone 6-1173

TARNOW
ELECTRIC SUPPLY CO.
WHOLESALE ELECTRICAL DISTRIBUTORS
45 E. Milwaukee Avenue, Detroit 2, Michigan
TRinity 4-1000

LATHING
PLASTERING
AND
ACOUSTICAL
TILE
CONTRACTORS
SERVICE ART PLASTERING COMPANY
4612 Woodward Ave., Detroit 1
ALBERT FICI
W. J. GOODSON
TEMPle 3-9013

Bermuda Blinds
... Interior Movable Shutters
CUSTOM BUILT TO FIT ANY OPENING
Manufactured in Detroit
By
BARRETT & BAXTER MFG. CO.
12254 Wormer Ave.
Detroit 28, Michigan
HORN FUEL & SUPPLY CO.
An Established Dealer
Carrying a Complete Line of All
Masonry and Plastering Materials
Distributors of Concrete Masonry Reinforcing
9133 HUBBELL AVE., DETROIT 28
11841 KERCHEVAL AVE., DETROIT 14
Vermont 8-2200
Valley 2-4450
Manufacturers of
Cinder
Concrete
Masonry
Units
Since 1923
CONTROLLED
QUALITY
STEAM CURED
MODULAR UNITS
There is a MATERIAL Difference
9143 HUBBELL AVE. DETROIT 28 Vermont 8-3200

DELICATESSEN RESTAURANT FEATURES CORNED BEEF
prepared in ALL-GAS kitchen
Brothers Delicatessen and Restaurant, at 19171 Livernois in Detroit, serves fine delicatessen food prepared in an efficient all-Gas kitchen. Corned beef and good coffee are popular specialties.

The coffee urn shown above is located in the dining room for quick service to patrons. It is one of the new gas models that makes coffee automatically. A push of the "start" button produces ready-to-serve coffee. At the end of the brewing cycle, automatic controls hold the coffee at proper serving temperature, replenish water in the boiler and make overflowing impossible.

MICHIGAN CONSOLIDATED GAS COMPANY
Serving 765,000 customers in Michigan

april '54 monthly bulletin