Every parent, school board member, teacher and student has a vital stake in the type of construction used in school buildings.

Teachers and students are entitled to maximum protection against violent storms, 'quakes, explosions, atomic blasts and fire. Schools built with concrete provide the best safeguard against these ever present dangers. Concrete construction has rugged strength, unexcelled resistance to destructive forces from within and without and maximum firesafety. Remember, concrete can't burn! Concrete schools can be designed to meet every structural requirement for buildings of this type.

Concrete schools serve school boards and taxpayers, too. Concrete schools are moderate in first cost, have low maintenance expense and give years of service. The result is low annual cost, the only true measure of economy in school construction.

Concrete construction is versatile. It can be used in single or multi-story schools of any size, type or style. Concrete offers school boards and architects unlimited freedom in designing school buildings to meet local needs. For additional information about concrete for schools, write for free, illustrated literature. It is distributed only in the United States and Canada.
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In the short time of 14 years
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New $26,000,000 City County Building, Detroit, Michigan. Horley, Ellington & Day, Inc., Architects and Engineers; Bryant & Detwiler Co., General Contractors.

Nepco header ducts connected to top surfaces of Fenestra structural steel panel subfloor enable all of the large-area cells to be used as electrical raceways.

The Challenge: "PROTECT THIS BUILDING INVESTMENT!"

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Here, an advanced new floor system—Fenestra-Nepco Electrifloor... is protecting this great new multimillion-dollar building from future electrical obsolescence—electrical outlets can be installed any time... in any or every square foot of floor space... for any future change in electrical needs!

It saved 1,000 tons of structural steel! The cellular steel floors with their integral wiring system, combine such great structural strength with such light weight, that both structural steel and foundation costs were slashed.

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New Fenestra-Nepco Electrifloor was developed jointly by Fenestra* (Detroit Steel Products Company) and Nepco (National Electric Products Company)—two great names in the construction field.

If you want to protect a building investment, write to Detroit Steel Products Company, Dept. PA-2, 3409 Griffin St., Detroit 11, Mich.

Fenestra nepco Electrifloor
When plans for the new Kirkhoff Manufacturing Corporation were approved, the architects, J and G Daverman Company and the owner selected Haven-Busch to supply all the steel used in the building. Haven-Busch engineers made detailed drawings from architectural plans. Haven-Busch fabricated the structural steel. Haven-Busch steelworkers erected the building framework including the steel roof decking. When your problem involves steel . . . Think of Haven-Busch first.

See Sweet's Architectural File, Sweet's Industrial No. 2c
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SECRETARY


**Competition**

on its public relations and other programs.

In view of this, it seems unfair that some of our readers will find themselves to the support of a competitive magazine, that represents no organized group of architects, and contributes nothing to their programs. Often the magazine features buildings without even consulting the architects.

The nearest they come to representing architects is the fact that many years ago the publication sold to stock of an architect—which today it has repudiated.

We don't mind competition—the kind that is based on a genuine merit. But there's something to be said for fair competition. We have been regularly publishing our Schedule of Future Issues. It is disheartening, then,

**Future Issues**

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THE MONTHLY BUILDING COST REPORT for January, issued by Smith, Hine & Grylis, Inc., Architects and Engineers, states that wages and material prices have commenced to rise, owing to strong building forecasts, and it adds:

"However, the situation was the same last year and 1954 came through as an exceptionally fine record. The thought is that the '55 record will be higher than that of '54, with somewhat higher prices, although our building cost index remains the same as last month."

Referring to the number of large suburban shopping centers proposed, the report states that our ideas of mass transportation and public utilities may have to undergo much change.

"This is a healthy type of growth," the report continues, "and it draws large structures as well as schools, single residences and multiple dwellings, and the great volume of buildings, large and small, maintains its balance."

A word of caution is suggested with regard to "the novel idea of building cities directly from the hayfields or orchards," reminding us that many are waiting for buildings to be erected that will increase the value of their property.

The report closes with the statement that the many new types of building materials have given the cost statistician a difficult problem, and have led to abandonment of projects or at least the added expense of a completely new design.

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WEDNESDAY, MARCH 9, 1955

5:00-8:00 P.M.—Registration, Foyer of Grand Ballroom. Men $2, Ladies Free.

8:00 P.M.—Social Program, Ballroom.
Entertainment, Refreshments
Complimentary.
Hosts: Dunn Blue Print Co.
R. V. Harty Co., Inc.
Turner-Brooks, Inc.

THURSDAY, MARCH 10

8:30 A.M.—Complimentary Breakfast for Board of Directors, Ivory Room.

9:00 A.M.—Registration Continued.

Viewing of Exhibits.

10:00 A.M.—Annual Business Meeting.

Ballroom.
President Elmer J. Manson
Presiding.

Preview of M.S.A. Movie, for Members, Commentary by Producer Hugo Brenneman.

12:00 M. —Ladies Luncheon Detroit Athletic Club. Complimentary.

Speaker: Dr. Margaret Sterne, Wayne University History Dept.
Subject: "In the Shadow of the Iron Curtain".

12:30 P.M.—Luncheon, Wayne Room ($3.50).

President Elmer J. Manson
Presiding.

Greetings from the City of Detroit.

Reports of Chapter Officers.

2:30 P.M.—Addresses. Wayne Room.

Subject: "Thin-Shell Concrete Construction".

Introductions by Harry M. Denyes, Jr.
Moderator: Prof. Elihu Geer, Chairman, Dept. Of Civil Engineering, University of Detroit.

Speakers: Charles S. Whitney, Ammann & Whitney, Consulting Engineers, New York; President, American Concrete Institute.

Joseph W. Leinweber, Leinweber, Yamasaki & Hellmuth, Architects, Detroit & St. Louis.

Thomas Lesley, General Field Superintendent, O. W. Burke Co., General Contractors.

4:30 P.M.—Viewing of Exhibits.

7:00 P.M.—Michigan Building Industry Banquet. Ballroom.

President Elmer J. Manson, Presiding.

Award of Honorary Membership in the Michigan Society of Architects.

Award of Michigan Society of Architects Gold Medal.

Speaker: Roger Allen F.A.I.A. of Grand Rapids.
Subject: "Atom and Eve and the Architect".

NOTE: For the Banquet, Tables and Tickets will be reserved for MSA Directors, their wives, and wives of those at speakers' table. For others, Banquet Tickets can be obtained only by using forms to be sent out by the Banquet Committee.

FRIDAY, MARCH 11

10:00 A.M.—Tour of City-County Building
(Harley, Ellington & Day, Inc., Architects & Engineers).

11:30 A.M.—Buses for Ladies leave the Statler for tour of Goodwill Industries, Luncheon ($1.00) at plant 12:00 M.

12:30 P.M.—Luncheon, Wayne Room ($3.50). Vice-President Paul A. Brysselbout Presiding.

Speaker: Joseph P. Wolff, Commissioner, Dept. of Buildings & Safety Engineering, City of Detroit.


Speaker: Lawrence G. Linnard, Landscape Architect, Detroit.

Subject: "Site Planning and Architecture".

4:30 P.M.—Viewing of Exhibits.

7:00 P.M.—Michigan Building Industry Banquet. Ballroom.

President Elmer J. Manson, Presiding.

Ticket: $3.50.

NOTE: Tickets can be obtained only by using forms to be sent out by the Banquet Committee.

As can be seen from the program in this issue, the Michigan Society of Architects 41st Annual Convention at Detroit's Hotel Statler, March 9, 10 and 11, 1955, will follow closely the pattern set in recent years, except that each year the Convention Committee has improved on the program of the year before.

Consequently, attendance has increased steadily in the past few years, perhaps because each committee has profited by past experiences and added more features that are popular.

Registration will begin Wednesday afternoon, March 9, and this will be also an opportunity to preview the products exhibits, as well as the display of student work from the Student Chapters of the A.I.A.

One of the most interesting and exciting features has been the Wednesday evening social program, with complimentary entertainment and refreshments.

As usual, this will be a surprise, so as Roger Allen would say, "Don't miss it if you can.

Following a breakfast meeting of the Society Board Thursday, there will be a business session at 10:00 o'clock, with President Elmer J. Manson, of Lansing, presiding.

This will merge into the premiere of the M.S.A. Movie, with commentary by Mr. Hugo Brenneman, the producer. Members should avail themselves of this opportunity to be informed on the nature of this film and how it can be put to work in the interest of all architects, in this State and elsewhere. Mr. Brenneman states that this looks to him like a $25,000 production, and we hope you like it as well.

One of the best features of these conventions is the fact that ladies are attending in increasing numbers. The Women's Architectural League has become a very vital organization and they are taking an active part in this convention. Thursday noon there will be a complimentary luncheon for them at the Detroit Athletic Club.

March 10, and they will have a very distinguished speaker in the person of Dr. Margaret Sterne of Wayne University's History Department. Her subject will be "In the Shadow of the Iron Curtain.'

Mrs. James B. Morison is President of the WAL.

At a luncheon at the Statler Thursday, reports will be heard from officers of the three A.I.A. chapters in Michigan, and this will be followed by a panel discussion on "Thin-Shell Concrete Construction." Harry M. Denyes, Jr., A.I.A., will make the introductions and the moderator will be Professor Elihu Geer, Chairman of the Civil Engineering Department at Wayne University.

Speakers will be Charles S. Whitney, of Ammann & Whitney, consulting engineers, of New York City, and President, American Concrete Institute.

Joseph W. Leinweber, Leinweber, Yamasaki & Hellmuth, Architects, Detroit & St. Louis.

Thomas Lesley, General Field Superintendent, O. W. Burke Co., General Contractors.

2:30 P.M.—Addresses. Wayne Room.

Subject: "Site Planning and Architecture".

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Joseph W. Leinweber, Leinweber, Yamasaki & Hellmuth, Architects, Detroit & St. Louis.

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The Rex plant was designed by Giffels & Vallet, Inc. and L. Rosseti, Detroit. It is 760' by 420', with a steel frame, corrugated metal curtain walls and channel slab roof. The mezzanine runs the 760' length of the building on one side and varies in width from 60' to 240'. It is designed for 140 psf live load and is intended for light assembly, stockrooms, and storage.

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march '55 monthly bulletin
ROGER ALLEN of Grand Rapids, who will be the banquet speaker, Friday evening, March 11, concluding event of the Convention, is a Fellow of The American Institute of Architects. He is the world’s greatest collector of titles—because he has the greatest number of avocations.

Even when he was in school, he worked nights in a blacksmith shop—he was learning to be a forger.

While he is a top-flight architect, if worse comes to worse, there are other ways of making a living—old jokes, for instance.

Besides being on radio and television, and making after-dinner speeches, in his daily column, "Fired at Random," in the Grand Rapids Press, he produces the kind of writing that causes goose pimples.

Asked if he was nervous when he requested money from a client, he replied, "No, I was calm and collected."

MINORU YAMASAKI, A.I.A.

MINORU YAMASAKI, A.I.A., will be the Convention’s Thursday evening speaker, and his subject will be “Where do We go from Here?”

A member of the Detroit and St. Louis, Missouri Branch Chapters of Detroit, Landscape Architect, Mr. Yamasaki has distinguished himself internationally as the architect for the new Consulate General buildings in Kobe, Japan, St. Louis Air Terminal, and many other notable projects.

He recently returned from Japan, and a trip almost around the world, and his lecture will be illustrated by color slides taken while on tour.

His work has been widely published, locally and nationally. In The Detroit Free Press Roto Magazine of Sunday, December 26, Mrs. Lilian Jackson Braun, Living Section Editor, devoted five pages to Mr. Yamasaki and his work.

m.s.a. 41st annual convention committees

General Chairman—Edward G. Rosella.

Vice-Chairman—James B. Hughes.

Registration—Werner Guenther, Chairman; Howard D. Cutter, Herman G. Gold, Bryce T. Lyall, Raymond C. Perkins, Urban B. Woodhouse.

Arrangements—A. Arnold Agree, Chairman.

Program—James B. Hughes, Chairman; Paul B. Brown, Harry M. Denyes, Jr.

General Design—Charles J. Parisé, Chairman; E. John Knapp, William P. Lindhout, Wah Yes.


Exhibit Hanging—William P. Lindhout, Chairman; Stanley E. Beebe, John Goodwin, James R. Livingston, Herbert G. Opitz.


Publicity—Leo I. Perry, Chairman; Mrs. James B. Morison.

Brochure—E. John Knapp, Chairman.

Ladies’ Activities—Mrs. Ernest J. Dellar, Chairman; Mrs. Hurless E. Bankes, Mrs. J. Russell Radford, Mrs. Frederick J. Schoettley.

Exhibition—George J. Bery, Chairman; L. Robert Blakeeslee, Earl W. Pollerini, Walter B. Sanders, Robert H. Snyder.

Advisory—Talmage C. Hughes, Chairman; Lyall H. Askew, James B. Morison.


Drawings on Exhibition are from the Student Branch Chapters of Detroit, A.I.A., at the University of Michigan, University of Detroit, Lawrence Institute of Technology, and Cranbrook Academy of Art.
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<th>ROOM</th>
<th>FLOOR SQ. FT.</th>
<th>ACT SEATING CAPACITY</th>
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<td>Grand Ball Room</td>
<td>47' x 100'</td>
<td>1200</td>
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<tr>
<td>Assembly Hall</td>
<td>30' x 31'</td>
<td>650</td>
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<tr>
<td>Wayne Room</td>
<td>41' x 77'</td>
<td>350</td>
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<td>Bagley Room</td>
<td>41' x 50'</td>
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<tr>
<td>Ivory Room</td>
<td>27' x 30'</td>
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<td>Parlor A</td>
<td>14' x 27'</td>
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<td>Parlor B</td>
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<td>Parlor C</td>
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<td>Parlor E</td>
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<td>Parlor F</td>
<td>17' x 27'</td>
<td>40</td>
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<tr>
<td>Michigan Room</td>
<td>30' x 60'</td>
<td>300</td>
</tr>
<tr>
<td>English Room</td>
<td>28' x 47'</td>
<td>120</td>
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</table>

Figures on Seating Capacity cover usual set-up. More can be accommodated by rearrangement.

BUILDING MATERIALS EXHIBITS will be in the Michigan Room, English Room, Oak Foyer, and some of the parlors. Registration will be in the Assembly Hall. Meetings in the Bagley Room. The Banquet will occupy the Grand Ball Room, Wayne Room, and Bagley Room.
SPOTS OF INTEREST

PARKS are beautiful in Detroit. BELLE ISLE, a scenic playground, is a 985-acre tract in the Detroit River half covered with forest. A $3,000,000 bridge connects with the mainland. In the park are a zoo, an aquarium, rose garden, and athletic grounds. Take a Jefferson Avenue bus or streetcar.

PALMER PARK, early home of the donor, Senator Thomas W. Palmer, is reached by Woodward Avenue cars and buses. On its 287 acres are children's playgrounds, public golf course and a restored frontier log cabin.

RIVER ROUGE PARK is the largest, covering 1,200 wooded acres along the River Rouge. It has picnic grounds, golf course and tennis courts. Take Grand River cars to Plymouth Road and transfer to Plymouth DSR bus to park.

ZOOLOGICAL PARK, one of the finest zoos in the world, is located 10 miles out Woodward. Closed until May 15. On a tract of 125 acres, more than 100 species of animals, birds and reptiles are exhibited in conditions resembling their natural habitat. Take Woodward cars marked "Zoo" to gate.

MAIN LIBRARY—Two miles north of City Hall (Woodward Street, cars and buses) stands one of the country's finest public libraries. Open daily 9 a.m. to 9 p.m.

INSTITUTI OF ARTS—Woodward at Kirby, opposite Library. Devoted to arts of Asia, Europe and America from ancient to modern times. Hours: Daily 1 to 10 p.m. except Mondays. Sat. and Sun. 9 to 6 p.m. Closed Mondays. Admission free at all times.

FORD'S EDISON INSTITUTE—The Edison Museum, which shows Thomas A. Edison's original laboratory. Located in Dearborn, on Oakwood Boulevard. Get Wayne bus on Lafayette; shuttle bus to village from Dearborn. Open 9 to 4 daily; 2:30 to 4:30 Sunday.

U. S. POST OFFICE—Houses most of the Federal courts and offices as well as the post office. Occupies an entire block between Wayne, Shelby, W. Lafayette and Fort Streets.

INDUSTRIAL PLANTS—Ford Motor Company, Rouge plant. Regular tours leave the Rouge Building, 3000 Schaefet Road, Dearborn, every 30 minute from 9 a.m. to 3:30 p.m. daily, except Saturday and Sunday and Holidays.

NEWSPAPERS —The Detroit Times, Cass at Grand, the Detroit News, Lafayette at Second, and the Detroit Free Press, Lafayette at Cass, are open for inspection.

Theaters *
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B—Fox
C—Downtown
E—United Artists
F—Palms State
G—Capitol
H—Cass
J—Madison
N—Adams
K—Cinema

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2—Book-Cadillac
3—Detroit Leland
4—Port Shelby
5—Tuller
6—Norton
7—Imperial
20—Wolverine
27—Wardell
Barium
—Cadillac Square

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40—Union Depot, Penn., Wabash, Pere Marquette.
41—Grand Trunk, Depot—Brush at Atwater.
42—Union Bus "terminal."
43—Bob-Lo Steamers & Marine Dining Room.
44—Bob-Lo Streamer & Marine Dining Room.
45—D. & C. Navigation Co.

WHERE TO WORSHIP

CATHOLIC—St. Aloysius Church, 1234 Washington Blvd.; SS. Peter and Paul (Jesuits), 629 E. Jefferson; Shrine of the Little Flower, Woodward at Twelve Mile Road.

PROTESTANT—Fort Street Presbyterian, Fort and Third; First Church, Woodward and Edmund.

BAPTIST—Woodward Avenue Baptist, Winder at Woodward.

METHODIST—Central Church, Woodward at Grand Circus Park.

CHRISTIAN SCIENCE—First Church, Cass and Hancock.

DISCIPLINES (Christian)—Central Woodward, Woodward at Josephine.

CONGREGATIONAL—First, Woodward and Forest.

JEWISH (Reformed)—Temple Beth El, 8801 Woodward.

JEWISH (Orthodox)—Shaarey Zedeck, West Chicago at Lawton.

EPISCOPAL—St. Paul's Cathedral, Woodward at Hancock.

UNITARIAN-UNIVERSALIST—Church of Our Father, Cass at Forest.

LUTHERAN—Trinity Lutheran, Grand at Rivard; St. Andrew's Lutheran, Trumbull and Bagley; Immanuel Lutheran, 17th and Michigan.

Public Buildings *
50—City Hall
51—Post Office
54—County Building
55—Public Library
56—Institute of Arts
58—Masonic Temple Auditorium
59—Orchestra Hall
60—Convention Hall
61—Detroit Athletic Club
62—Detroit Club
63—Detroit Club
64—Women's City Club
65—Y. M. C. A.
66—Y. W. C. A.
67—Downtown Library
70—Detroit Times
71—Police Headquarters
72—Downtown Library

Depots, Docks, Bus Terminals *
40—Union Depot, Penn., Wabash, Pere Marquette.
41—Grand Trunk, Depot—Brush at Atwater.
42—Union Bus "terminal."
43—Bob-Lo Steamers & Marine Dining Room.
44—Bob-Lo Streamer & Marine Dining Room.
45—D. & C. Navigation Co.
Briggs Beautyware "stopped" the show in Chicago with a striking Coral and Cray exhibit featuring new design bathroom fixtures, a new line of color kitchen sinks and a wide range of styling for any type of home.

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Darby's Restaurant, the fine new eating place located at 10020 West Seven Mile Road in Detroit, was opened to the public in January of this year. Its coffee shop, main dining room and two private dining rooms can accommodate 320 diners. And its attractive appearance and fine food are building a deserved popularity in the area. Darby's offers an appetizing general menu—steaks, chops, seafood and a number of kosher dishes. The food is prepared in an outstanding kitchen ... and the equipment is all Gas. The list of gas-fired equipment includes broilers, salamander, fryers, ranges, kettle, steamer, baker's stoves, bake ovens, hot plates, grills, urns, and steam tables. Gas equipment was chosen because it is fast, efficient and economical.

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CHARLES H. RICHERT, Vice-Pres.
ARTHUR L. ENDRESS, Vice-Pres.
WALTER F. DREYER, Vice-Pres.
The American Institute of Architects 1954 Honor Awards will be on view at The Detroit Institute of Arts from Sunday, February 20 through Sunday, March 13. The exhibit consisting of 26 mounts is timed to permit those attending the Michigan Society of Architects Convention at Hotel Statler, March 9-11 to visit the show between sessions. The exhibit was first shown at the A.I.A. convention in Boston, and it is being sponsored here by the Institute's Detroit Chapter, of which Suren Pilafian is President. Clair W. Ditchy, F.A.I.A., of Detroit, national President of the Institute, points out that the exhibit should be of particular interest to Michigan architects and their friends because of our tremendous program of building.

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NATCOFLOR For wide span floors
NATCO FLAT ARCH FLOOR TILE For monumental type buildings
NATCO COMBINATION FLOOR TILE For tile and concrete floors

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SAGINAW VALLEY CHAPTER, A.I.A. held its February meeting at the Flint Tavern on the 8th, and heard professor Ralph W. Hammett, of the College of Architecture and Design, University of Michigan speak on "European Sidelights."

The talk, based on Prof. Hammett’s recent ten-months travel and study in Europe, was illustrated by excellent color slides showing post war architecture in Italy, France, Germany and the Scandinavian countries, and he added much interesting comment on the philosophy and way of life of the people.

Preceding the address, Chapter President Willard E. Fraser presided at a business meeting which approved applications for corporate membership of Douglas C. Morris, Harvey C. Allison and William G. Wesolek. New associate member Eldine Crampton was introduced. Allison and Alden B. Dow were named delegates to the M. S. A. 41st Annual Convention in Detroit, March 9-11. Also discussed was the Saginaw Valley Chapter issue of the Monthly Bulletin, scheduled for next November. It was agreed that the change from May should result in better photographs, taken during the summer.

Thirty-eight members and guests attended the social hour, dinner and meeting.

JACKSON MEMBERS, A.I.A. presented the national Honor Awards exhibition at Jackson Public Library, January 10 through 31.

A.I.A. membership in Jackson is divided between the Western Michigan and Detroit Chapters: Forrest Gildersleeve and Clarence Schoen with Detroit; Carl C. Kressbach, Claud Sampson and Raymond L. Olson with Western Michigan. In Olson’s office are E. C. Svinicki and James Fox, associates of Western Michigan Chapter.

Fox contributed much to arranging the exhibit, and he received the cooperation of the Public Library and Jackson Civic Art Association.

The Jackson Citizen Patriot gave excellent coverage, even to an editorial, and as a result considerable interest in architecture was aroused. Drawing classes from the High School and Jackson Junior College attended in groups, when Carl Kressbach served as host, discussed the awards and answered questions.

The exhibition contributed much to the architects’ public relations program.

GEORGE M. FOSTER, Chief Deputy State Highway Commissioner, was guest speaker at the Western Michigan Chapter meeting, Monday, February 21st at the Hotel Porter, Lansing. Mr. Foster’s address was most timely and interesting, as he gave the background, efforts and progress report on the building of the Mackinac Straits Bridge. As early as 1888 the idea of the bridge was advanced and the desire to make the idea a reality appeared many times through the years, until 1952 when the present program materialized.

Mr. Foster showed diagrams and pictures of the design, construction, and geographical concerns that have confronted the engineers and how the problems have been solved. The overall bridge will be the longest structure of its type in existence. The Golden Gate Bridge in San Francisco has a longer tower-to-tower suspension but the total distance spanned will be greater in the case of the Mackinac Bridge. He pointed out that great study has been made in this bridge project as this area offers such varying weather problems and such a bridge is unique to our climate. An interesting feature brought out by the speaker is the four lanes of traffic that the bridge will carry; two of the lanes will have solid floor construction, with the remaining two of perforated steel, enabling the auto occupants to watch the waters below as crossing is made. After Mr. Foster’s talk, there was a question-and-answer period that added to the information of the evening.

The 65 members of the chapter and their guests enjoyed a social hour and dinner at the hotel preceding the business meeting and address. President Van Dongen opened the meeting at 8:00 P.M., Secretary Brice McMillen read the minutes of the December and January meetings and introduction of guests followed. MSA President Manson made announcements to the Chapter members; co-chairmen of the day, William Black and Bernard Mayotte, were thanked for their efforts in making the meeting a good one. Chase Black introduced the evening’s speaker.

WESTERN MICHIGAN, A.I.A. MEMBERS have distinguished themselves recently in the sport of skiing.

Elmer J. Manson, A.I.A. of Lansing, Society president; Paul A. Hazelton and Frederick G. Cornwell, both of Traverse City, have just spent a week at Boyne Mountain Ski Lodge, where Hazelton took first prize in the advanced class of ski racing, and Manson took second prize.

Phillip C. Haughhey, of Battle Creek, Society treasurer, recently did the architects proud at the Hidden Valley Ski Club.

TRACE CHRISTENSON, JR., A.I.A., a member of Good Design Associates, of South Bend, Ind., has been appointed to the staff of the University of Notre Dame College of Engineering, as a visiting instructor in the principles of industrial design.

Christenson was formerly supervisor of architectural research for The Kawneer Company, of Niles, Mich.
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march '55 monthly bulletin
WALTER DORWIN TEAGUE, industrial designer, of New York City, will be the speaker before a joint meeting of the Metropolitan Art Association and Detroit Chapter, American Institute of Architects, in the auditorium of The Detroit Institute of Arts at 6:30 p.m., March 16. His subject will be "Design Has Deep Roots."

Teague, who received his training at the Art Students League in New York from 1930 to 1907, has since become one of the leading industrial designers in the country. He is consultant for many manufacturing firms, including the Ford Motor Company, and he was responsible for the buildings and exhibits of many of these firms at the New York World’s Fair and the San Francisco Fair of 1939.

As the author of "Design This Day" (1940) and Land of Plenty (1947), he has offered a telling commentary on the philosophy behind his work.

The lecture will be preceded by a dinner for Chapter members at 6:30 p.m. in the Rackham Memorial Building, and those attending the dinner will be furnished tickets to the lecture gratis. Mr. Teague and W. Hawkins Ferry, president of the Metropolitan Art Association will be guests at the Chapter dinner.

G. E. KIDDER SMITH, A.I.A., of New York, distinguished architect, author and lecturer, addressed members and guests of the Detroit Chapter, A.I.A. on the evening of February 10, and he gave his audience a treat in the way of an insight into "Contemporary Architecture of Sweden."

Before the lecture, Chapter president Suren Pilafian reported on the Board meeting which took place that afternoon, and he called upon a number of committee chairmen to report on their activities: Blakeslee for the Visitors’ Guide Committee; J. Charles Burns for Relations with Other Professional, and Linn Smith on Fees and Ethical Practices.

President Pilafian expressed gratitude that many ladies were present, and he announced the February 25 dinner meeting of the Association of Women in Architecture, at which members were invited to bring their husbands. He also called upon member Miss Helen Fassett to announce the northern most Speaking Tour of February 25, with Mrs. Ruth Reeves as speaker, on the subject of "Design in the Field of Crafts."

The president announced Chapter Board approval of three new corporate applications and nine associates. He mentioned the fact that Mr. William Gillett, of Detroit, Vice-President of the Detroit Steel Products Company, was recently elected President of the Producers' Council, national body, and he added that since our member Clair W. Ditchy, F.A.I.A. is now President of the American Institute of Architects, that makes two out of three for Detroit, as far as the big national organizations are concerned. He added that this should have taken place a few years ago when Walter L. Couse, of Detroit was President of the Associated General Contractors of America, then we would have had a clean sweep.

Mr. Pilafian informed members that Mr. Arthur K. Hyde, F.A.I.A. had been named Chairman of a special committee to solicit funds from Detroit Chapter members for the American Architectural Foundation, with Lyall H. Askew and Robert F. Hastings on his Committee.

The next Chapter meeting, Mr. Pilafian said, will be March 16, when we will join with the Metropolitan Art Association for a lecture by Walter Dorwin Teague, industrial designer.

In opening his talk, Mr. Smith referred to the A.I.A. Scandinavian Tour, May 29 to June 15, for $750, which had been announced by President Pilafian. Mr. Smith said this was an unusual opportunity to gain an insight into the architecture of those countries that would be impossible when traveling alone.

Seventy-five attended the dinner and about twice that number the lecture.

Mr. Smith immediately launched into his slides, which were in color and made from his own photographs, for which he is famous. He had high praise for Sweden’s architecture, saying it ranks with the best in the world. He designated it as “more subdued” modern, and said that Sweden’s inhabitants had been referred to as “God’s frozen people.” His first slides were of log cabins, manor houses, wooden and stone churches, to give background, and then he showed their postwar architecture which is practically all modern.

He said it is blight-free, slum-free architecture, with much color, and practically all housing is municipally owned. Therefore, it contains well-planned centers for shopping, recreation, transportation, etc. The landscaping, he pointed out, is practically a part of the architecture, and, with the inevitable balconies, is almost like having one’s own "nest."

Schools in Sweden, he said, have been eclipsed by those in the United States, where there are some wonderful examples. He added that during the late 30s Sweden was more adventurous with her architecture.

Mr. Smith expressed himself very well indeed and we can recommend him highly. There was an interesting question-and-answer period.

SPEAKERS’ BUREAU for the Detroit Chapter, A.I.A. is a desirable project, to supply speakers for other organizations when requested, says Paul B. Brown, Chairman of the Chapter’s Committee on Education.

Will those members who have made talks, or who are willing to do so, please inform Chapter headquarters, so that a list of available speakers and subjects can be kept. There are slides available from architects’ offices, or from the Public Library or Art Institute.

dinner meetings, detroit chapter, a.i.a.

All are at The Engineering Society of Detroit unless otherwise noted.

Wednesday, March 16—Dinner at ESD, lecture by Walter Dorwin Teague at The Detroit Institute of Arts, with Metropolitan Art Association.

Thursday, April 14—Allied Arts Program, Also Student Award.

Tuesday, May 10—Program to be announced later.
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PROGRESSIVE ARCHITECTURE for February, 1955 features Alden B. Dow of Midland, Mich., and Zero Saarinen of Bloomfield Hills, Mich., "work from both of whose offices is shown on (28) subsequent pages, have been notable in consistently producing imaginative and progressive architecture."

Pointing to the boldly contrasting results when different designers are commissioned to design various structures, the foreword to the feature states:

"But their palettes are quite different, and there is nothing of conventional stylism about their buildings. In the work of both, however, one finds, not only the integration of function and structure, but also creative form, sensitive scale, a human quality, honesty and humility—ingredients essential to beauty and that, combined, produce true architecture."

CLAIR W. DITCHY, F.A.I.A., of Detroit, national president of The American Institute of Architects, was a speaker at the recent 9th Biennial Concrete Industries Convention in Cleveland, Ohio.

On February 12, Ditchy represented the Institute at the founders' day celebration of Michigan State College's 100th anniversary, in East Lansing. He also took part in the regional conference of the A.I.A. Sierra Nevada district, in Los Angeles, Calif, February 25.

CLINTON MOCHON, A.I.A., has transferred his membership in The American Institute of Architects from the Detroit Chapter to the Wisconsin Chapter.

Mochon was formerly supervisor of architectural research for The Kawneer Company, of Niles, Michigan.

JOSEPH L. CYR, A.I.A., formerly with Leinweber Yamasaki and Hellmuth, Architects, has opened his own office in Dearborn, Michigan at 4801 Williamson Avenue, Tiffany 6-4641, specializing in residential and institutional work.

Cyr and George Rusu of Rome, Italy have recently completed an analysis of Secondary Education and School Planning at the University of Michigan's, Horace H. Rackham School of Graduate Studies.

AMERICAN SOCIETY OF HEATING AND AIR CONDITIONING, Detroit Section, invites architects to attend a panel discussion of "Relations Between Architects and Engineers and how to Improve Them," at The Engineering Society of Detroit at 8:00 p.m., Monday, March 14.

Among the speakers will be architects Joseph W. Leinweber and Charles D. Hannan; professional engineers Thomas Block and Joseph Olivier.

WERNER GUENTHER, A.I.A., has been named chief Architect of Boddy, Benjamin & Woodhouse, Inc., Architects and Engineers, it is announced by Max W. Benjamin, president of the firm.

Urban U. Woodhouse, A.I.A., vice-president of the firm, will devote an increasing amount of his time to administrative duties while maintaining his interest in the company's architectural projects.

RICHARD B. FERNBACH, A.I.A., Director of Highland Park's Planning Commission, has just won for the third year in succession first place in the national Clean-Up-Paint-Up-Fix Up contest, for cities in the 25,000 to 50,000 population.
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HELEN L. FASSETT, an associate member of the Detroit Chapter, American Institute of Architects, has been singled out as one of the “Women of Achievement for 1954.”

A committee set in 1952 to select outstanding women in business and the professions, as part of Detroit’s 250th anniversary celebration, has remained in operation to cite those women who have made outstanding contributions to the community.

Broadcasts of interviews made in their homes were heard over WDET-FM, Wayne University radio station, each Tuesday at 7:45 p.m., and repeated over WXYZ the following Sundays. The series began January 4.

Miss Fasset is on the staff of Smith, Hinchman & Grylls, Inc., Architects and Engineers.

PHILIP T. SHERMAN, now of Dearborn, Mich., has transferred his membership in The American Institute of Architects from the Toledo Chapter to the Detroit Chapter, it is announced by Arthur O. A. Schmidt, Detroit Chapter treasurer.

Sherman, a native of North Baltimore, Ohio, received his bachelor of science in architecture from the University of Michigan, College of Architecture, following which he traveled and studied in Europe. He became registered to practice architecture in Michigan in 1930, and he entered his own practice in 1933. He is now a member of the firm of MacGregor & Sherman, Architects, at 2319 Michigan Ave., in Dearborn. He is registered as an architect in Ohio also.

JAHR-ANDERSON ASSOCIATES, Inc. are architects and engineers for two new buildings for the Henry Ford Community College, at Lois and Michigan Avenues in Dearborn. The units, estimated to cost $992,975, are being financed with funds raised through the assets of the former Henry Ford Trade School.

When the latter closed its doors in 1952, more than $1,000,000 was turned over to the Dearborn school system to expand the science and technical facilities of the college.

The new buildings will house the College’s courses in electrical engineering and contracting, Hydon-Brand has paralleled that accomplishment with the same gradual growth through the years to a pre-eminent position of prestige.

Photographs courtesy of Studebaker-Packard Corp.

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FRANCIS G. AUER, THEODORE V. BACON, JOSEPH L. CYR, FREDERICK I. HORNER, EARL A. ROBERTS, MANNING A. SEDER, AND ABRAHAM WARANOFF have been elected to membership in The American Institute of Architects and assigned to the Detroit Chapter, it is announced by Suren Pilafian, Chapter president.

Auer, a 1949 graduate of the University of Detroit, is employed in the office of the City engineer of Detroit.

Bacon received his bachelor of architecture from the University of Pennsylvania in 1925, and since 1951 he has been with O’Dell, Hewlett & Luckenbach, Architects of Birmingham, Mich.

Cyr was awarded his master’s degree in architecture from the University of Michigan in 1954, and he became employed by the Detroit office of Leinweber, Yamasaki & Hellmuth, Architects.

Horner, a 1941 graduate of the University of Michigan, is the son of the late Charles Horner, architect, and he now practices as successor to his father, at 88 Louise Ave., Highland Park.

Roberts received his bachelor of architectural engineering from the University of Detroit, and he is now employed by Sewell & Schoettley, Architects in Detroit.

Seder also graduated from the University of Detroit, and he is at present with Harley, Ellington & Day, Inc., Architects and Engineers.

Waranoff is a 1930 U. of M. graduate, now associated with Theodore Rogvoy, Architect, of Detroit.

JACK M. GOLDMAN, KEITH F. WEILAND, JAMES G. WILSON, JAMES WONG AND FRED E. ZRMACK have been elected to associate membership in the Detroit Chapter, American Institute of Architects, it is announced by Lyall H. Askew, Chapter secretary.

Goldman, a graduate of the University of Illinois in 1951, is employed in the office of Eero Saarinen and Associates.

Weiland received his bachelor of architecture from the University of Michigan College of Architecture and Design in 1951, and he is now with Argonaut Realty Division of General Motors Corp.

Wilson is a 1953 graduate of the U. of M., following which he obtained experience in offices of architects and engineers in Ann Arbor. He is now a naval officer at Norfolk, Va.

Wong was educated at Columbia University and the U. of M., Zrmack at Wayne, University of Detroit and Lawrence Institute of Technology. Both Wong and Zrmack are now employed by Stanley J. Davis, A.I.A., of Ann Arbor.

DETROIT CHAPTER, A.I.A. has four lady members who can use the letters A.I.A. after their names: Genevieve H. Hafner, of The Detroit Edison Company; Anne C. Krebs, in her own practice, at 13973 Woodward Ave., Highland Park, Mich.; Mrs. Alice M. Pardee, also in her own practice, 382 Mt. Clemens St., Pontiac, Mich., and Esther Schwinck, of 2360 W. Grand Blvd., Detroit, an art teacher.

The Chapter also has five women associate members: Helen L. Fassett, of the office of Smith, Hinchman & Grylls, Inc., Architects and Engineers, and a member of Detroit’s City Plan Commission; Katherine C. Foltuz, Margaret Kalman, and Grace J. Pilafian, consultant for her husband, Suren Pilafian, Chapter president.

Once upon a time, Marion Manley, A.I.A., a distinguished member of the Florida South Chapter, was asked for a statement regarding women in architecture. Her reply: “given equal education and other opportunities, there is no reason why a man can’t be just as good an architect as a woman.”

E. R. LITTLE ASSOCIATES, INC. is the name of a new organization succeeding the late Edwin R. Little, Consulting Engineer. The firm at 808 Kales Bldg., Detroit will continue to practice mechanical and electrical engineering.

Officers of the new firm are Winston T. Kellogg, president, Homer H. Parker, vice-president, Duncan Blazek, treasurer, and Mrs. Doris E. Torney, secretary.

ILLUMINATING ENGINEERING SOCIETY, Michigan Section invites architects to attend its meeting, Tuesday, March 8 at 7:30 p.m. in the Detroit Edison Auditorium, 2000 Second Ave., Detroit.

A sound, color film, “A Case for Color,” will be presented by Mr. R. O. Bradley, Maintenance Sales Supervisor of the Finishes Division, E. I. DuPont de Nemours & Company. Also: “Illumination for the Visually Handicapped,” by Dr. R. Richard Blackwell, Ph.D.

THE WINKWORTH COMPANY
10065 W. Jefferson Ave. – River Rouge
C. Allen Harlan, president of Harlan Electric Company of Detroit, sponsored a series of advertisements in the Monthly Bulletin of the Michigan Society of Architects during 1954 entitled "Adventures in Time," which were reproductions of paintings in full color by Detroit artist Marvin Beerbohm, from material prepared by Dr. George Lechler of Wayne University.

The series traced the development of man's quest for food, clothing, shelter, and the tools used in producing them.

Concerning the series, Mr. Henry T. Rowell, president of the Archaeological Institute of America, wrote:

"The excellent series of advertisements prepared by Dr. George Lechler of Wayne University and Detroit artist Marvin Beerbohm for the Harlan Electric Company and published in the Monthly Bulletin of the Michigan Society of Architects has come to my attention. As president of the Archaeological Institute of America, I am delighted to see archaeological information presented to the readers of the Bulletin in a manner that is equally authoritative and attractive. The dissemination of knowledge about man's past and an indication of the lessons which can be learned from it is one of the principle functions of our archaeological Institute and the Institute warmly welcomes the proof that this function can be performed with dignity and conviction through the medium of advertising. The Harlan Electric Company is to be congratulated for selecting this form of promotion. I only wish that more business concerns would turn in the same direction."

At the invitation of the Detroit Historical Museum, Mr. Harlan has agreed to have the paintings exhibited at the Museum during the month of May, 1955.

The paintings will also be shown at the Michigan Society of Architects annual midsummer conference at the Grand Hotel on Mackinac Island, August 4, 5 and 6, 1955, at which artist Beerbohm and Mr. Harlan will explain to architects the story behind the project.

THE OFFICE OF C. ALLEN HARLAN, president of Harlan Electric Company, of Detroit, was featured in Interiors magazine for January, 1955.

George J. Bery, A.I.A., of Oak Park, Mich., was architect for the building, Leon Gordon Miller, of Cleveland, Ohio, the decorator.

In the public spaces of the Harlan office building are murals by Marvin Beerbohm, Detroit artist.

THE COLLEGE OF ARCHITECTURE AND DESIGN, University of Michigan, announces that the George G. Booth Traveling Fellowship in Architecture, in the amount of $2,000.00, will be offered this year. Upon request, applicants will be issued a form to be completed and returned not later than May 15, 1955. This competition is open to all graduates of the school who have not reached their thirtieth birthday on the date mentioned above. Prospective candidates should write at once to the Office of the College of Architecture and Design, 207 Architecture Building, Ann Arbor, Michigan.

WILLIAM GILLET, vice-president of the Detroit Steel Products Company, and national president of the Producers Council, Inc., announces the 1955 building products literature competition sponsored jointly by the Council and The American Institute of Architects.

Purpose of these competitions, according to Gillett, are to recognize excellence in building product literature directed to the architect and to aid manufacturers in increasing the technical and informative value of descriptive product literature of assistance to the architect in the selection and specifying of building products for specific use.

Nominations of literature may be made by individual members or chapters of the A.I.A., Gillett said, and he added that full information may be obtained by addressing the Institute at 1735 New York Ave., N.W., Washington 6, D.C.

THE BUSINESS AND DEFENSE SERVICE ADMINISTRATION OF THE U.S. DEPARTMENT OF COMMERCE has just held a building materials and construction industries conference in Washington, it is announced by William Gillett, of Detroit, national president of the Producers Council. Included in the conference were various elements of the building industry and The American Institute of Architects, Gillette said.

Speaking of general economic conditions, secretary of commerce Weeks asserted his own optimistic viewpoint of 1955 prospects.

Not only has construction activity sustained forecasts made by the department earlier in the year, he said, but also economic conditions from a bolder aspect are expected to be aided by numerous measures which have been taken or are contemplated by the administration.

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march '55 monthly bulletin
FOR SALE — Items removed from Speck residence, Lake Shore Drive, Grosse Pointe:

- White marble carved Renaissance mantel, 6'-4" x 4'-3'.
- Black marble mantel, 6'-2" x 4'-7'.
- Carved stone mantel, 7' x 5', with English oak paneling which covered the wall surrounding this fireplace, approx. 15' x 10'.
- Three hand-wrought bracket electric fixtures.
- Three wardrobe closets, complete with trays, etc., approx. 7' x 8' x 3'.
- Stone balustrade with hand-turned balusters, approx. 100 lineal ft.
- Approx. 10 tons of ledge stone for rock garden.

All this material has been carefully removed and stored.

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WANTED — Architectural draftsman, preferably with experience on working drawings for college, school and other institutional work. Excellent salary, good working conditions and benefits. ROGER ALLEN AND ASSOCIATES, 1126 McKay Tower, Grand Rapids 2.

WANTED — Designer and draftsman for responsible position with architect specializing in school work. BOX 147, MONTHLY BULLETIN.

WANTED — Architectural draftsman interested in working for progressive firm in Northwest section of Detroit. Must be good draftsman and able to complete working drawings from sketch stage. Permanent position. VERMONT 5-8767.

WANTED — Experienced architectural draftsman, also designing structural draftsman or structural engineer. Good opportunity. Bellman, Gillett & Richard, Toledo, Ohio.

KARIN GLADINE RUSH, daughter of J. Leonard Rush, A.I.A. and Mrs. Rush, of Detroit, has been awarded the Daniel Van Deigrift scholarship for 1955 at The Art Institute of Chicago. Miss Rush recently became a member of the Institute’s Zeta Chapter of Delta Phi Delta, national honorary society for artists.

VICTOR E. VALLET, of Gilfels & Vallett, Inc., L. Rosetti Associated Engineers and Architects, has been named chairman of the Engineers and Architect division of the Committee of American Industry. The Committee is spearheading a nationwide appeal to raise $10,000,000 for the nation’s 80 medical schools.
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Phillip C. Haughey, Chairman of a special committee to produce the Society's movie, reported on that activity, stating that the premiere will be at the Society's Convention March 10. Every member should see this premiere and learn how it can be put to work in the interest of the profession.

The Board approved the schedule of Board meetings for 1955, with one change—the November meeting with the Saginaw Valley Chapter will be on the 9th instead of the 16th.

A new Public Relations Committee was appointed consisting of Leo M. Bauer, Chairman; Willard E. Fraser, Robert F. Hastings, Phillip C. Haughey, John W. Jickling, Charles A. O'Bryon, Benjamin E. Rine, Frederick G. Stickel, Malcolm R. Stirton and Frederick E. Wigen. This is in fact a publicity committee, whereas the existing Committee on Public and Professional Relations has to do more with public bodies.

ELMER J. MANSON, president of the Michigan Society of Architects, announces the schedule of Society board meetings for 1955, as follows:

February 16, Dearborn Inn; March 10, at M.S.A. convention in Detroit; April 18, Grand Rapids, with Western Michigan Chapter; May 17, Birmingham Country Club; June, no meeting; July 13, Lansing; August 5, at Midsummer Conference, Grand Hotel on Mackinac Island; September 14, Mayflower Hotel, Plymouth; October 13, with Detroit Chapter, in Detroit; November 9, with Saginaw Valley Chapter, in Saginaw; December 13, annual meeting and election, at the Detroit Athletic Club.

MICHIGAN SOCIETY OF ARCHITECTS BOARD OF DIRECTORS met at Dearborn Inn the afternoon and evening of Wednesday, February 16. Much of the time was devoted to a report of Edward G. Rosella, General Chairman of the Society's 41st Annual Convention, scheduled at Detroit's Hotel Statler, March 9-11, results of which constitute a good portion of this issue of the Bulletin. Ed and his able committee members, who are listed elsewhere herein, have performed a valuable service, and this bids fair to be another in a series of those events that have been better each year.

Charles B. McGrew, who has been a mainstay of the Board as Chairman of its Committee on Public and Professional Relations, reported further on the proposed sliding scale of fees when the State of Michigan is the architect's client. One might ask why this project should be undertaken when there is an established schedule of recommended minimum fees contained in the Society's booklet, Organizing to Build.

The answer is that there will not be two schedules of recommended fees, one for State work and another for other clients. Rather there will be recommended a more realistic sliding scale instead of the flat fee that has heretofore been followed for all State work, regardless of type or size. It will also take into account the fact that the State contributes certain valuable service in the way of programming, through its Building Division headed by Aridian N. Langius, F.A.I.A.

Neil C. Bertram, Director of Public Relations (new title) for the Society, reported on his activities since the last Board meeting, indicating considerable was accomplished, and he brought with him Mr. James Mitchell, who presented a motion picture which he had just completed for the Edward Rose Company, Builders. The film entitled "Homes for America," is similar to the M.S.A. movie now nearing completion, and it was of great interest for that and other reasons. We congratulate James Mitchell Associates, producers of the film, and the Rose Company for the excellent presentation of the architect's position in a building operation. The film takes 22 minutes and covers very well the operations concerned with home building.
We extend to you a cordial invitation to attend a showing of Mohawk Carpets at the M.S.A. Convention Hotel Statler Space #2 March 9-10-11, 1955

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NEW M.S.A. NON-RESIDENT MEMBERS:


Bailey, formerly professor of architecture at the University of Michigan College of Architecture and Design, is now head of the department of architecture at the University of Utah. He was called to Salt Lake City in 1948 to establish the department.

Bryant, formerly of Port Huron, is now practicing in Chicago as Bryant & Walchli.

Dykema, who now practices in St. Petersburg, Fla., was formerly of Grand Rapids, Mich.

Houlihan heads his own firm in Chicago, and he is also architect for Cook County, Ill.

John is at the Green Bay, Wis., firm of Foeller, Schober, Berners, Safford & John.

Kiff is a partner in the office of York & Sawyer, Architects, New York City.

Plesiifer is formerly of Michigan, now located in Tucson, Ariz.

Reiley is in charge of the Toledo office of Robert J. Reiley and Associates, of New York City. He became a partner in that firm in 1952.

Senseeman, of Washington, D.C., is a graduate of Catholic University there, and he has been in his own practice since 1934.

Williams, a native of Indiana, now practices in Kokomo, Ind. He has specialized in churches.

NEWTON P. BEVIN, JOHN B. GAY AND OTTO A. SPIETH have also become non-resident members of the Michigan Society of Architects.

Bevin practices in New York City, and he specializes in residential buildings, office layouts and interiors.

Gay is now of St. Petersburg, Fla. He formerly practiced in Detroit, and he is still a member of the Detroit firm of Wiedmaier & Gay, Architects, 112 Madison Ave.

Spieth is a partner in the Cleveland, Ohio firm of Leavitt & Spieth, which firm does commercial, industrial, ecclesiastical and school buildings, and residences.


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Architecture Reflects Life

Bishop Fulton J. Sheen

Architecture is without decoration; life is without courtesy. Is there a connection between the two? When things appear without ornamentation, human relations begin to lack good graces? Let us see.

Architecture is a reflection of a philosophy. The basic philosophy of the contemporary world is materialism, or the deification of the spirit. But if there is no world that which can be seen, touched and scientifically analyzed, then there never was ornamentation, for ornamentation implies another world beyond this. The UN Building and the new things which appear on Park avenue in New York, resemble illuminated cracker boxes on stilts, purely "functional" because the function of a material civilization is the exchange of things. In ancient civilizations was permeated with a happy philosophy, when the things seen were regarded as signs and symbols of the things not seen, architecture was enhanced over a thousand decorations; a pelican pecking her young from her own veins symbolized the sacrifice of Christ; the lion bringing new life into her dead cubs represented the Resurrection; the fox peeking around the corner was a warning of the wiles of Satan.

PENSOR

"Kinned" person, one who shared the same blood and enjoyed the same fruits of redemption. Hence mankind was originally "man-kinned"—all related as brothers because God was the common Father.

Courtesy is not a condescension of a superior to an inferior, or a patronizing interest in another's affairs. It is the homage of the heart to the sacredness of human worth.

It brings graciousness into conversation, as the tone of the voice, the gesture of the body, the response of the eye and the little grace notes of action, reveal that we are addressing some one with an immortal destiny and one for whom Christ died.

Courtesy is born of holiness as ornamentation is born of the sense of the sacredness of personality.

"KINNED PERSON"

Even the word "kind" comes from the old English word "kin." The kind person was a "kinned" person, one who shared the same blood and enjoyed the same fruits of redemption. Hence mankind was originally "man-kinned"—all related as brothers because God was the common Father.

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AFAMILY NEWS

California

BARRY C. BURGE, has been named presi­dent of the Pasadena Chapter, A.I.A. Other officers who will serve with him are James H. Taylor, vice-president; Douglas Shearer, secretary; Edward Duvies, treasurer, and Ernest Wilson, director.

Pennsylvania

Professor Raymond A. Fisher, has been designated to act as Head of the Architectural Department at Carnegie Tech's College of Fine Arts. He replaces John Knox Shear, who has resigned to become editor of Architectural Record.

Oregon

DONALD J. STEWART, was elected president of the Portland Chapter of the A.I.A. Others elected were: Vice president, Robert W. Fritz; secretary, Mary A. Hutchins; treasurer, Walter Gordon; director, Holman Barnes.

Ohio

GARFIELD, HARRIS, ROBINSON & SCHAFFER, architectural firm comes into its 50th year in 1955. This is unique in architectural practice. Rarely anywhere does an office founded by one architect carry on for half a century of continued practice. Abraham Garfield, son of the 20th President of the United States, hung out his shingle in 1905.

In the beginning, concerned largely with domestic planning, the firm steadily broadened its scope, burgeoned into successive partnerships, and today has a staff of 41. A number of today's northern Ohio architects got their start in this office and learned there to balance their design dreams with the hard facts of cash and material limitations before hanging out their own shingles.

Washington

GENE K. ZEMA, A.I.A., Seattle architect was named winner of the A.I.A.-Seattle Times Home of the Month competition for 1954. He was awarded a sculptured bird, symbolic of visionary design in residential architecture, and a check for $500 from the Seattle Times.

 Scrolls were presented to other architects: Paul Hayden Kirk, Lawrence & Hazen; Lloyd J. Lovegren, and Benjamin F. McAdoo, Jr.
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C. B. BEAULLIEU, 64, at his home in Atlanta, Ga., on Jan. 6. Mr. Beaullieu had been an associate architect in the designing of the Fulton County Court House and Terminal Station and had also helped draw plans for the Healy Building.

O. J. GETTE, A.I.A., 82, in Bronxville, N.Y., on Jan. 15. He was one of the first graduates at Pratt Institute, Brooklyn. Among the buildings he designed were the Crestwood, N.Y. Library, and the Public Baths for the city of Yonkers.

CHARLES D. MAGINNIS, F.A.I.A., 88, in his home City of Boston, Mass., Feb. 15. One of America's most distinguished architects, he had served as President of the American Institute of Architects. Senior member of the firm of Maginnis & Walsh, Mr. Maginnis had been honored by many organizations of art and architecture in this country and abroad.

EARL W. MORRISON, 66, in La Jolla, Calif., while on vacation, on Jan. 6. Mr. Morrison was head of the firm of Earl W. Morrison & Associates of Seattle, Wash. During his 30 years of practice he prepared plans for many of the foremost apartment buildings in the Pacific Northwest and Alaska. He also designed 50 schools in the state and many business structures.

HARVEY I. PEARCE, A.I.A., 65, vice-president of the firm of Bonsack & Pearce of St. Louis, Mo., in his home city on Jan. 20. He designed the Audrain County Court House at Mexico, Mo., and several buildings at Northwest State Teacher's College.

H. BARRETT PENNELL, 49, at his home in Wynnewood, Pa., on Jan. 2. He was architect for the Devon Wood and Ivy Wood developments and was engaged in drawing plans for the proposed shopping center at King of Prussia, near the Valley Forge interchange of the Pennsylvania Turnpike.

ARTHUR A. STOUTON, 67, in his home city of Mt. Vernon, N.Y., on Jan. 14. Mr. Stoughton was the designer of the Soldiers and Sailors Monument in New York City. He was a member of the firm of Stoughton & Stoughton. He also founded the department of architecture of the University of Manitoba in Winnipeg and for a time served as its head.
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The solutions were terrible, however, ex­
cept that one that came in at the last moment,
two ticks before the author and the editor
went mad. And it was a beauty. The final
chapters were written around the ingeni­
ous solution suggested, and everybody
was happy except the author when his
wife confessed that she had won the prize
under a pseudonym. She had found the
perfect solution, she said, in an English
novel of similar outline that had just been
published in New York.

That ought to be the end of the anecdote:
but the anti-climax is too good to conceal.
Believe it or not, nobody ever noticed the
steal, not even the editor, and the author
and his wife now have an expensive home
in Connecticut.

BERGMAN S. LETZLER, of Louisville, Past
President of the West Kentucky Chapter,
A.I.A., is Chairman of a Committee now
planning the Great Lakes, A.I.A., Regional
Conference to be held in Louisville, April
29 and 30, 1955. More about this later, but
in the meantime a story:

When the A.I.A. convention was held in
Louisville in 1940, Clair W. Ditchy, F.A.I.A.,
now Institute President and then Great
Lakes Regional Director, joined a group
of local architects, including Mr. Letzler,
in the bar of the Brown Hotel.

The bartender asked Clair, "What will you
have?" He replied, "Scotch and soda." Bergman said, "humph, I'll have a Scotch
and Whiskey."

MICHIGAN SOCIETY OF ARCHITECTS:
President Elmer Manson, Treasurer Phil
Haughey, and member Gordon Cornell
recently distinguished themselves in con­
tests at Michigan ski clubs.

They have more than an abundance of
energy. When we feel the need of exercise
we lie down until the feeling passes.

BIOGRAPHICAL SKETCH—The one from
H. Augustus O'Dell, A.I.A., of O'Dell, Hew­
lett & Luckenbach, Architects, of Birming­
ham, Mich.:

First of all, I was born—English and Irish,
50-50.

Before reaching 19, I was railroad call boy,
stevedore for two years, cosmic-player in
a band, and music teacher.

Then, following quickly, I was Sunday
School Superintendent, and a three-dollar-
week draftsman with the only archi­
tect who ever used a large leather rocking
chair at a drafting board.

I reached Detroit with a bicycle, $43.00 and
a boy's stout heart. Wisely or otherwise,
I practiced architecture when 28 years of
age. My lastest job was a theatre in Ot­
tawa, my boss not knowing that I had left
a fiancée behind. After marriage, I was
yanked away to France for 14 months in
1917-18.

I should like to challenge any member of
the M.S.A. for titles, past or present. Here
they are:

1. Captain, Aviation Construction, U. S. A.
2. Major, Engineers, A. E. F.
3. Colonel, Ordnance Department, O. R. C.
4. Commissioner, Michigan State Board of
    Registration for Architects and Engi­
    neers.
5. Secretary, Bloomfield Open Hunt Club
6. President, Michigan Society of Architects
7. Judge, Municipal Court, Bloomfield
    Hills, Mich.

For seven years I lived on a farm, had
great fun and broke even. I like golf,
horses, dogs, hunting, French wine, fishing,
after-dinner coffee, chopping wood, a good
book, kidding my daughter, poker, people,
the north woods, and Sunday naps.

I dislike Michigan weather in February
and March, garters, dinner at noon, coats,
and to be interrupted. (My wife put in
that last one).

GIFFELS & VALLET, INC., L. ROSSETTI,
Associated Engineers and Architects, of
Detroit, featured in the February 5 issue
of the Saturday Evening Post, reveals an
interesting sidelight in the way of good-
natured ribbing that goes on in the offices:

"For 29 years Giffels and Vallet, who
are engineers, have been telling Rossetti
that architects are merely eccentric beau­
ticians who doll up the unfunctional out­
side shell or walls around something in­
side that is important. And Rossetti has
been pointing out that engineers are dull
fellows prone to pile steel and machines
into boxlike buildings so dreary that no
one can either work inside or view them
from the outside with the remotest en­
thusiasm. But both smile when they say
it, and in view of the firm's growth and
prosperity there is no reason to do other­
wise."

This banter reminds one of the quip made
by an engineer that buildings designed by
architects without the services of engi­
neers were likely to fall down, and the
architect's retort: "buildings designed by
engineers without the aid of architects
should be torn down."
GOLDWIN GOLDSMITH, F.A.I.A., is being honored by a group of his Austin, Texas friends on the occasion of his retirement from active service in the Department of Architecture, University of Texas, at the age of 83.

Goldy is relinquishing a top place in the University's future, but not its past. As Clarence Zantzinger said, Goldy has grown up, so I hope he is not still troubled with growing pains.

I still think I am the one who should be decommissioned to join the mothball fleet: a newsman in Mexico examined my A.I.A. lapel button and said, "Class of 1857, eh, what college?"

We are sure that Goldy will not be like old bankers, who never die, but just lose interest.

I like to think of Goldy starting his architectural career as an office boy for McKim, Mead & White, on Manhattan, which is an island off the coast of Jersey City. Since then he has gone on to become truly on architectural statesman.

J. KING HARNESS, President of the Detroit Athletic Club, believes that many of us are more naive than we are willing to admit.

The Harness family moved into a new summer cottage before the water pump was connected, and it fell to the head of the family to carry water from the lake.

Each day he would take two pails and a rope down to the dock where he would tie the rope to the handle of one bucket, lower it into the lake and draw it up filled. He would then untie the rope, tie it to the other pail and repeat the process.

One day at dinner he said to the family, "I wanted to stop at the hardware store and get a harness snap to fasten to the end of that rope so I wouldn't have to do so much tying and untying," whereupon the mother-in-law asked, "why don't you pour the water from the full pail into the other one and lower the same pail again?"

Jack has not yet recovered from the fact that he had never thought of that.

FRANK LLOYD WRIGHT was honored with a testimonial dinner in Madison, Wis. on February 10, the purpose of which was to alleviate Taliesin's tax situation. Subscription price was $25.00. It is understood that 300 made reservations, and another 400 unable to attend, sent checks for $25.00. You can still do this—Frank Lloyd Wright Testimonial Dinner, Box 315, Sterling Hall, University of Wisconsin, Madison, Wis.

ARCHITECTURE ranked sixth as a "prestige" profession in a poll of high school editors as reported in a survey conducted by "News Workshop," student publication of the New York University Department of Journalism.
Education, and Banking, in that order, while following it were Accountants, Salesmen, and Secretaries.

MEL ALLEN reached some kind of a pinnacle in broadcasting Yankee base ball games.

A Detroit sportscaster once said over the air, "the ball struck a vertical girder." I wrote him a letter, informing him that a girder is horizontal, a column vertical, and he replied, "well, if you want to get technical, take Mel Allen. He said 'the ball struck the facade of the grandstand.'"

BOOKS advertised in the Bulletin can generally be sent on approval.

Recently a radio announcer spieling about a book said: "Read it for ten days and if you don't like it send it back, as thousands have done."

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Calendar of coming events

March 9-11—A.I.A. Convention, Statler Hotel, Detroit.
April—Open.
May 9—Business meeting and election of officers.
June—Open.

W. Wilbur White has been re-elected President of the Michigan Chapter American Society of Sanitary Engineering; Norm J. Cameron, Vice President and Frank C. Richards, Secretary-Treasurer. Charles A. Long was elected to the Board of Directors. President White has appointed the following Committee Chairman: Membership, Thomas Moore; Civil Defense, Jack Har-

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March '55 monthly bulletin

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ZONOLITE COMPANY, miner and processor of vermiculite offers a practical handbook on lightweight construction methods. Called "Systems of Lightweight Construction," the 16-page booklet outlines uses, installation procedures, and specifications of vermiculite products in lightweight construction.

A two-page section of the booklet reviews basic aggregate requirements for lightweight construction, and compares them with vermiculite aggregate properties. Also included is a summary of fire tests and ratings for various structures involving vermiculite, and an outline of plaster fireproofing advantages.

Copies of the booklet, G-66, are available from the Zonolite Company, 135 S. LaSalle St., Chicago 3, III.

W. F. AUSTIN, after 56 years with W. E. Wood and W. E. Wood Company, will retire on May 1, 1955. Henry J. Brennan is President of the Company; Leo P. Richardson, 1st Vice-President; Richard F. Brennan, 2nd Vice-President, and John P. Richardson is Secretary.

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Kimball and Russell give dinner for Detroit architects

Architects of the Detroit area were guests at a dinner given by Kimball & Russell, Inc., well known distributors of Anderson window units and Morgan architectural doors, at the Hotel Statler, Detroit on February 15th.

Genial host Clarence Kimball introduced the evening's festivities with a warm welcome and an overview of the evening's events. He pointed out the product displays and introduced the speakers, who included top architects and industry leaders.

Among those attending were Orla Varney, Werner Guenther, Ralph Hammett, Charles McGrew, Carl Habermas, Talma Hughes, Sanborn Brown, Gardner Voce, John Jickling, Frank Barcus, Arthur Schmidt, Louis Redstone, Stanley Bragg, Paul Tilds, Leo Perry, Harry Denyes, Jr.; Fred Bennett, Merle Weaver, Frederick O'Dell and Nathaniel Gould.

The evening was held in the Crystal ballroom of the Fort Shelby Hotel, Detroit on February 14th. The meeting was well attended by prominent architects from the Detroit area. The speakers table included Dr. George Cline Smith, Assistant Vice President and Economist, F. W. Dodge Corp., New York City, who predicted 1955 to be one of our best construction years and that with the atomic, electronic, and automation era we are on the threshold of one of the most constructive periods in American history.

He pointed out the present trend toward single dwelling construction due to the general distribution of more wealth among the population, the increase in the size of families, and the do-it-yourself movement; that schools now get one dollar out of three, and that there will be eventually an upturn in industrial construction but not in 1955.

The meeting was held in the Crystal ballroom of the Fort Shelby Hotel, Detroit on February 14th.

At the speakers table beside Dr. Smith were Charles Trambauer, William Commons, Marvin Brokaw, Clyde Oakley, William Snure and Walter Scandrick.

Among those attending the dinner were Nathaniel Gould, Dirk Van Reyendam, Roderick Warrent, H. M. Armstrong, Paul Marshall, Henry Hall, William Taliaferro, Ray Depperman, Donald Burford, Donald Ollesheimer, Albert Hanf, C. H. Starkey, Owen Watkins, Harry Fritcam, Donald Wolgale, Wright Hitt, Ralph Roach and John Finn.

Others there were Fred Muller, Don Johnson, L. R. Henderickson, Roy Smith, Sam Burtman, R. J. Collins, Ernie Baker, T. H. Malsley, Earl Betts, N. J. Ersmatter, Ted Anderson, R. C. Ott and David Zahn.

William D. Sawler, Sales Manager of the 100-year-old Morgan firm of Oshkosh, Wis., who explained the construction of their doors on display with special emphasis on the new Morgan Tee-Cor flush door. Later, James D. Rowland, vice president of Anderson Corp., of Bay Port, Minn., pointed out the advantages of their pressure seal, flexivent, flexiview, gliding window and casement units which were placed along one side of the ballroom.

The evening closed with the showing of a colored motion picture depicting the necessary steps in the transition from the majestic Ponderosa pine to the finished Anderson products — some of the finest architectural wood window units in America.

Among the prominent architects at the dinner were Orla Varney, Werner Guenther, Ralph Hammett, Charles McGrew, Carl Habermas, Talma Hughes, Sanborn Brown, Gardner Voce, John Jickling, Frank Barcus, Arthur Schmidt, Louis Redstone, Stanley Bragg, Paul Tilds, Leo Perry, Harry Denyes, Jr.; Fred Bennett, Merle Weaver, Frederick O'Dell and Nathaniel Gould.


Members of Kimball and Russell who helped make the event a complete success were partner Harold D. Russell, Ray J. Brutell, Robert Dondero, James Dryden, Jr., Keen Farlin, Richard Farbush, Warner Krause, Walter Nawrotzke and Foyle Simons.
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March 55 monthly bulletin
Back in the dark days of the Depression an enterprising young man who was gifted with more optimism than physical stature dared to strike out on his own and organized the now well-known Century Brick Co. of Detroit, which on March 4th of this year celebrates its 21st birthday.

Born of pioneer immigrant stock in Lynn, Mass., Sam Burtman has attributed his success as one of the construction industry's largest sources of supplies to his credo: "When dealing with your fellow men always try to be a gentleman" and it has paid off, for Century Brick can now furnish anywhere from a thousand to a million bricks on short order to a clientele that runs the gamut of architectural know-how.

The new building and offices of Century Brick carry out the display of company products in the building's construction so that in a practical way the client can see for himself just how Marlite wall panels, Winco ribbon sash, new P. C. filtered glass block and Skytrol block skylights look in actual use.

The firm has furnished brick for some of the finest structures in the Detroit area among them St. John's Seminary, Wayne University's new Psychiatric and Medical Buildings, St. Francis De Salle Church, Westminster Presbyterian Church, St. Ladislaw Church, Daniel Webster School, Tishken Mfg. Co., Packard plant, Ford Tank plant and brick on the New Jersey Turnpike. At the present time, among many fine residences, Mr. Burtman says they are furnishing 16" snow-white Norman brick for the new "House of Charm" now under construction in Grosse Pointe Shores, Mich.
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March 35 monthly bulletin
The Sibley Lumber Company marked increased expansion during the years to follow and in 1914 opened their Grand River branch near Oakman, and 1923 marked the addition of their East Outer Drive outlet, just north of Seven Mile.

In 1954, Sibley built their new ultra-modern lumber yard in Lincoln Park at the corner of Dix and Champaign. The yards comprised about 10 acres of land with rail siding together with a large storage shed and a 7,000 square-foot modern retail store and office with surface parking area accommodations for several hundred cars on both sides.

This up-to-date lumber center has been designed to supply all the needs for the homeowner. Customers find here the one-stop shopping center for everything for the home.

The hobbyist or “Do-it-yourself!” handyman finds lumber, paint, hardware, power tools, tile, plumbing and electrical supplies plus other innumerable lists of items for the husband and wife who want to build an attic room, garage, or any other home improvement.

There are actual models of rooms where they can work out their own modernization problems before tackling the job themselves.

At each Sibley Lumber Center, trained “Home Counsellors” give free practical advice on how to do the job in question including physical demonstrations, plans, estimating and arranging all the financing required.

The new yard is laid out to give maximum efficient service to contractors. Systematized packaged piles of new lumber are delivered to a job site and rolled off at the spot desired in a matter of seconds from roll-off trailers.

Today the company is under the management of Fred M. Sibley, Jr., president, who has served as president of the Detroit Lumberman's Association, and who also is the president of the Merrill-Worth Corp. His efforts have helped to make Sibley's the largest lumber company in the state, with four large yards and lumber stores at convenient points to cover the needs of metropolitan and suburban Detroit.

The modern company owns their million-dollar woodwork and finishing factory complete with the latest machinery and a new dry kiln to prepare the lumber for manufacturing into mouldings, windows and doors.

CLAIR W. DITCHY, President of the American Institute of Architects, was one of the principal speakers at the recent 35th Annual Convention of the National Concrete Masonry Association which was held in Cleveland, Ohio, January 24-27. Other prominent speakers were Elizabeth Gordon, Editor of House Beautiful magazine; Ben John Small, A.I.A., LaPierre, Litchfield & Associates; and Harry B. Zerrickson, Chief, Engineering Division, Office of Corps of Engineers.

Approximately 4500 people representing all phases of the concrete masonry industry attended, making it the second largest Convention in the NCMA history.

Concrete masonry has been taking a steady larger share of the construction market in recent years, and the almost two billion units produced last year represented an approximate threefold increase over the number used back in 1946. While the major argument for its use until recently has been the relative economy over standard brick work and other types of masonry construction, the makers of block are adding new glamour to the units, making them in all colors of the rainbow and adding finishes to the units in keeping with the increased trend toward exposed masonry construction.

Block makers are not only concerned with producing a unit that has more aesthetic appeal but, judging from the topics discussed at the Convention, it is evident that greater emphasis is also being placed on producing units of greatly improved quality.

HANLEY COMPANY, manufacturers of face brick, glazed brick, glazed and un-glazed facing tile, quarry tile, floor brick, have moved its office to new and larger facilities at 14975 Schoeters Highway, Detroit 2, Michigan. Telephone number remains Vermont 7-3200.
Corrado J. (Joe) Parducci, Detroit's dean of architectural sculptors, required not only a workroom with the necessary 20-foot ceiling but also a living room and kitchen. Here Parducci and his sons Harry and David often work 15 hours a day and have need for regular apartment facilities. The fireplace is the "bake oven" type easier to clean and to enjoy.
"THE LOWEST COST per bed of any hospital built in recent years in Michigan," (less than $10,000 a bed). From statement made by J. R. Homminga, Assistant Director of the State Office of Hospital Survey and Construction.

Otsego County (pop. 6400) went all out in an astounding campaign and raised the funds to build this complete 36-bed hospital reported to be "one of the finest small hospitals in Michigan."

FRANK A. BARCUS, A.I.A.
ARCHITECT, DETROIT

DR. NELSON SINGER CLINIC.
East Detroit, Michigan, is designed in tile brick and redwood. It includes a large waiting room, complete X-Ray department, examination rooms, and laboratories for the physician and surgeon, large dental quarters with three operating rooms and quarters for an optometrist.
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Designed for a corner lot 50x135 feet this spacious two-story five-level house is built of redwood inside and out. The studio is 18 feet long and 14 feet high and designed around a collection of three thousand books. The 30-foot sunken living room has an inviting large fireplace, high ceiling with warm brick and redwood walls.

FRANK A. BARCUS, A.I.A.
ARCHITECT, DETROIT

SUGGESTED DESIGN for the Planetarium to be located east of the Art Institute in Detroit's Cultural Center. Design was made for the Detroit City Plan Commission.
THE A. R. BRASCH residence, Detroit, was designed in the Regency style with New Orleans ironwork inside and out. Accordion folding doors separate the living-music room from the contemporary designed all-purpose room, permitting the two rooms to be thrown together as one or providing privacy for both.
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The Center Line High School is the result of an extensive study of a democratic cooperative group consisting of the high school faculty, the superintendent, members of the board, all principals of elementary schools, P.T.A. officers and representatives, interested parents, lay people, five students chosen by the student body, the architect, and resource persons.

This school-community group was formed January 24, 1951, a continuation of a group which planned and formulated plans for two elementary school buildings; the Sherwood School with eight rooms and multi-purpose room and the Miller School with twelve rooms and multi-purpose room.

We were invited in February 1951 to attend these meetings of the school-community group and committees were formed, each with a chairman, we were present as advisors and consultants. These com-
The problem which confronted us in designing this building was to express the very definite educational ideals of the community in a structure which could be built within a rather limited budget. Due to certain influences, which had been at work in this community for several years, an unusually high level of community cooperation in educational policies had been established. These clear and definite ideas guided the group to formulate recommendations for their new school.

It was the recommendation of the group that the school plan be educationally functional, flexible, expandable, have quality and yet be economical. Also, recommend-
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of cooperation among fellow students, parents, administration, and community. Cubicles twelve feet by twelve feet are provided on the sides of this area for the various activities. Because of restricted funds, some of these cubicles are now used for administrative offices. The superintendent's office will become, in the future, the principal's office. The Student Center will serve as a study hall, a center for community activity, theater-in-the-round, and lunch programs. The Student Center is designed of wood to give an interesting and warm feeling. The kitchen is completely isolated.

The area for physical activity includes a gymnasium, two play areas with folding doors. The locker rooms, and a temporary stage until such time as the auditorium can be built. In future extension the swimming pool will be built at the stage end of the gymnasium.

The area for quiet work includes the library, science rooms, class rooms, little theater or public speaking room and storage areas.

The area for living includes the home and family living, general shop, typing, bookkeeping, shorthand, drafting and art.

The group felt that music stimulates self respect with a sense of belonging and freedom. As the result of these ideas, a greater portion of the students take some form of music. Two areas for musical activities were provided, one for voice and one

considerable time was spent on an analysis of the present curriculum and the effect of curriculum changes in the building. The room developed was a laboratory-type room about 1,000 sq. ft. in area. The size, after consideration and reviewing is a rectangular room 26 feet wide and 37 feet long containing 962 sq. ft. with a sink having hot and cold water supply, work counter, teachers' closet, display case which can be viewed from the corridor and class room, and storage cases. The various cabinets may be removed and interchanged. A service tunnel under the corridor provides easy access to gas, hot and cold water supply lines, waste and electrical extensions to each room required for the laboratory-type class room. Metal insulated non-bearing movable partitions divide all rooms; thus the rooms may be reduced or enlarged to suit future changes in curriculum.

The original building solution was a campus type with the Student Center as a hub. The solution developed and accepted is a connected building retaining the Student Center as the area from which all activities are centered. It is hoped that this area will stimulate the individual to develop a sense of responsibility, human relations, improvement of leisure time, and freedom.
lor instrumental music, each area is 48 feet by 48 feet with storage around all walls and an area 35 feet by 48 feet for offices and practice rooms.

The building is a one-story structure with exposed steel framing; concrete slab on fill, asphalt tile; face brick exterior; painted cinder block interior walls; roof deck of Student Center, gymnasium, and music areas is of wood 4-3/8" thick, precast cinder concrete deck on other areas, over entire roof area 20-year built-up roof with an insurance rating A-1, A-3; bilateral daylighting, clear vision aluminum sash, glass block, tinted corrugated glass on side walls; while Zonolite acoustical treatment, glazed tile in toilet areas, cement enamel on corridor walls and painted enamel on locker room walls; corridor metal lockers. The heating system is oil burning; forced hot water with forceflow convectors, unit heaters, some radiant heating, window ventilation and temperature controls. The electric service is 2300 volt primary underground, with a bank of transformers. The secondary current is 110-208 volt, four-wire distribution, with fluorescent fixtures, clock system, fire alarm, interphone, and limited public telephone facilities.

An auditorium with stage work shop, team room, library reading room, housekeeping house, and future room expansion were a part of the education solution, but because of limited funds, are not a part of the present contracts.

About eight months were spent in group study and recommendations, about eight months were spent in preliminary planning, reviewing and final approval of
study sketches, five months in plan preparation, one month in bidding, about three months in plan revision and rebidding. The building was ready for high school September 9, 1954.

The layout and the type of building, it is hoped, expresses the philosophy of education of the community of Center Line, created to be a fine instrument and a laboratory for the educational staff and community; to be a contribution by the community to the development of the individual both young and old, to enable him to be a free and understanding man or woman in our complex world of today and tomorrow. Education the key of tomorrow with it you may and will open many avenues to a rich life and service to mankind, "America."

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