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Bauer M.S.A. Delegate to AIA Convention

The board of directors of the Michigan Society of Architects, meeting at the home of Ralph W. Hammett in Ann Arbor on May 7, named Society President Leo M. Bauer, of Detroit, as delegate to the 84th annual convention of the American Institute of Architects, to be held at Hotel Waldorf-Astoria in New York City, June 24-27.

Linn C. Smith, of the Detroit firm of Eberle M. Smith and Associates, will serve as alternate.

Bauer was delegated to present to the convention a proposal to enter into a joint venture with the University of Michigan to establish an architecture education program in the public schools. The plan is to include a professional color motion picture about architecture that would fit into the various school programs, and on a level that could be grasped and appreciated by the pupils.

Ralph W. Knuth, Society director, of Flint, reported as chairman of the M.S.A. committee on arrangement for the annual midsummer conference to be held at the Grand Hotel on Mackinac Island, July 31-Aug. 1 and 2. Knuth announced that the principal speaker at the conference would be Dr. Walter L. Coekin, chairman of the board of editors of the American School Publishing Corporation, of New York City.

The conference will feature an exhibition of architectural work as well as a display of building materials and products.

The jurv of award for the C. Allen Harlan $5,000 scholarship was selected.

Ralph W. Hammett, A.I.A., of Ann Arbor, Society vice-president, is professional advisor.

The jury will consist of George H. Michels, president of Albert Kahn Associated Architects and Engineers, Inc.; of Detroit; Louis Rossetti, of the Detroit firm of Kingscott and Rossetti, Inc.; Louis C. Kingscott, of Louis C. Kingscott and Associates, Architects and Engineers; Wells L. Bennett, dean of the College of Architecture and Design, University of Michigan; Louis C. Kingscott, of Louis C. Kingscott and Associates, Architects and Engineers; Amedeo Leone, vice-president of Smith, Hinchman and Grylls, Inc., Architects and Engineers, of Detroit; Robert B. Frantz, of Frantz and Spence, Architects, Saginaw, and Joseph W. Leinweber, of Leinweber, Yamasaki and Helllmuth, Architects, of Detroit.

The fund given by Harlan, president of Harlan Electric Company, of Detroit, is to be paid monthly over a period of one year to a young architect or student of architecture chosen by the jury to study industrial development in and around Detroit.

The winner of the scholarship must be willing to devote full time to research project of his own choosing and submit a written, illustrated report. He must not be more than 35 years of age.

"Detroit has demonstrated that it is one of the foremost industrial cities in the world," Harlan stated in making the donation. "It is here that industrial architecture received its greatest impetus, and it is believed that industrial methods have much to offer to architecture and the building industry.

"We can move to even greater heights, and our young men, if given the chance, can make a distinct contribution in that direction."

Following the meeting board members met with members of the faculty of the University's College of Architecture and Design, viewed an exhibition of student work, and discussed means of closer cooperation between the profession and the school.

The next meeting of the Board will be at Schuler's restaurant in Marshall, Michigan, on June 11.

On May 7, 1952, Governor Williams signed House Bill No. 303, which had been passed by the State Legislature.

The bill contains amendments to the State Registration Act for Architects, Professional Engineers and Land Surveyors.

The existing act had provided that a person not registered could plan, design or supervise construction of residence buildings costing less than $15,000. Principal amendments to the act is to change the dollar-value to 2,500 square feet of calculated floor area.

The Act, as published in this issue of the Bulletin, contains the amendments in House Bill No. 303, which are shown in bold type.
MONTHLY BULLETIN, June, 1952

MICHIGAN SOCIETY OF ARCHITECTS

WESTERN MICHIGAN MEETS AT MARSHALL

The Western Michigan Chapter Scholar's Restaurant in Marshall on the session which took place in the President's Room. President Elmer Manson presided and was program chairman for the evening.

After cocktails and a wonderful dinner, President Manson called the meeting to order. The first matter up for discussion was the Summer Outing which the Chapter planned to bring to Lake Macatawa on June 7th. The Producers’ Council is cooperating in the program and their national president, A. Naughton Lane, will be the main speaker. W. F. Mulcahy, President, Producers’ Council, Michigan Chapter, will be program chairman. Charles O'Bryon made the arrangements for bringing the two organizations together and Al Kolm of Holland will represent the Michigan Chapter on final planning.

Al, as everybody knows, was chairman of last year's outing, and he did a fine job, so you won't want to miss this one.

Registration for the outing will begin on Saturday, June 7th at 11 a.m. The cost will be $8.00 per person and this will include luncheon, dinner, and the dance. For those who wish to stay over night, the total cost will be $3.50 additional for room and breakfast.

The Producers’ Council will have table-top displays and will also sponsor a cocktail party at 6 p.m. on Saturday. President Manson is trying to make arrangements to bring the Student Exhibit of the School of Architecture and Design from the University of Michigan for the outing. Gus Langius, who viewed the exhibit at the Ann Arbor meeting of the Society board of directors, said that it should be seen by every architect in the State.

President Manson also mentioned that the Western Michigan Chapter Honor Awards will be given at the Grand Rapids exhibit from June 3 to 15.

The business session ended with the introduction of three new corporate members. They are: Arthur Vanderploeg of Battle Creek, Earl M. Meles of Lansing, and Edward F. Ebbert of Jackson.

Chairman Haughey then introduced George W. Perrett, President of Perrett, Lamb, Colfax, and Vice-President of the Michigan Chapter of the American Institute of Real Estate Appraisers. Mr. Perrett spoke of the relations among Architects, Realtors, and Contractors. He stressed the fact that there is a lack of mutual confidence in these groups, which makes for less efficient service to the public. In the discussion period that followed, most of the members agreed with Mr. Perrett that the public is lacking enough protection when buying or building a house.

The meeting was adjourned about 10:30 and everyone hated to leave the comfort of Schulers to drive home in the rain.—Bob McCormick.

DOW HOSTS TO SAGINAW VALLEY CHAPTER

On Tuesday, May 13, 1952, Valley Chapter members were guests of Mr. Dow and his associates for the Chapter's May meeting. At 2 p.m. the members and guests gathered at the office on Post Street and left on a tour of under-construction and completed projects. Mr. Dow acted as guide and commentator which added a special interest. Those visited were:

- Parker Fisselle home, Snowfield Road, completed in July, 1951.
- Josephine Ashmun home, Snowfield Road, completed in September, 1951.
- Robert Ballmer home, Sugnet Road; completed in February, 1952.
- St. John's Episcopal Church; now under construction, expected to be completed in June, 1952.
- Robert Bennett home, Sugnet Road; completed in September, 1952.
- Aymer Embury, Architect, First Methodist Church, completed in September, 1930.
- The inclusion of the Presbyterian Church in the tour offered much in the way of contrast between contemporary and traditional architecture; lively discussions could be heard on all sides as the various architects expressed opinions.

After the unique and highly absorbing visit to these outstanding architectural achievements, the group returned to Mr. Dow's home. Here some (as Mr. John MacKenzie put it) "cool cups in hand" the guests walked about these beautiful, sprawling gardens and relaxed in all the outdoor wonderment of landscaped grounds in Spring bloom. The business meeting was delayed until the arrival of President Spence; no one seemed to mind much; dachshund Fritzle entertained the members on the terrace. Another diversion was the pond raft, poled by two boys; they said they'd been cat-fishing, and I think "Huck Finn" appeared in many minds of those who watched these joys of childhood. When President Spence did arrive, he was treated to a childhood joy—host Dow giving him a ride on the half submerged raft.

The business meeting got under way; minutes were read by Secretary Fraser, and Treasurer's report presented by George Hawes. Delegates to the New York convention are to be James Spence and Robert Frantz. Five applications were presented for consideration as associate members. One third of the members of the Saginaw Valley Chapter are Associate Members. There is a feeling in this Chapter that these younger men offer a vital contribution to the spirit of architecture in the Valley. The Chapter considers it important to bring young men into the profession; a two-folding education aspect to the younger members and to the more established Chapter members.

The business meeting was adjourned just in time so darkness was setting on the terrace.

An excellent dinner was served; host Dow carved a huge kine of roast beef like a veteran chef. The guests enjoyed thick slices of beef, butter-swimming whipped potatoes, crisp green salad, garlic-buttered French bread and much hot coffee. The crowning and fittingly spectacular finish to this repast, was rum pie. Those who missed this rum pie know not the most delicious pastry. Its perfection is beyond the reach of mere words. As many "seconds" and in many cases, "thirds" were returned for, the dinner hour stretched out to three hours. This tightly pleasure-packed day ended for the members at eight-thirty p.m. Sincere and profuse thanks were extended to Mr. Dow for making possible this memorable and outstanding day. I should like to add mine. It couldn't have been more joyable.

Those Valley Members and guests attending were as follows: Fred Wigen, Vice-President; Robert Mengel, Harvey Ellison, Will (Red) Warner, Tex Austin, Jack Hallett, Dick Gustafson, Eldine Crampton, Glenn Beach, Harry Cummings, Francis (Buck) Beckbissinger, George Bachman, Paul Brysselbout, Peter Frantz, James Spence, Herman Klein, George Hawes, Glenn Beach, Harry Cummings, Francis (Red) Warner, Tex Austin, Jack Hallett, Dick Gustafson, Eldine Crampton, Robert Mengel, Harvey Ellison, Will Fraser and Sam Allen. Both Mr. Fraser and Mr. Allen contemplate being in New York at Convention time, accompanied by course, by Mrs. Fraser and Mrs. Allen. Mrs. Allen, as owner of the Mar-Allen Interiors Shop, probably will make it a combined business-pleasure trip, All have reservations at the Waldorf.—Neil Bertram.
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Charles Eames Draws Capacity at Detroit Chapter Meet

Charles Eames, noted designer, of Venice, California, brought out the largest attendance of the Detroit Chapter's current season when he addressed members and guests in the auditorium of The Engineering Society of Detroit on the evening of Monday, May 19.

His subject, "Designing for the Client", was beautifully illustrated with color slides of various subjects used by his office in the wide field of design it engages in. He stressed the service concept of design, taking into account the greatest possible development of the product, whether it be architecture, packaging or any of the multitude of other assignments. To do this, he stated, meant a personal involvement and help from all sources possible—a really unselfish performance, and the doing of a job for the pure enjoyment of it. It means being interested in all of the sciences, arts and other activities, he said.

Mr. Eames spoke for an hour and a half, then there was a lively question-and-answer period.

Through History with J. Wesley Smith

"And I hate this modern furniture!"
From Saturday Review of Literature

The lecture was preceded by a dinner meeting, which was preceded by an afternoon Board meeting. Vice-president Amedeo Leone presided, saying, "Your president is Mr. Saarinen, remember him?" Al said that Eero had instituted the cocktail hour and then stayed away—in Europe.

The presiding officer reported briefly on happenings at the Board meeting, saying that it had approved recommendations of its Committee on Education for dispensing the Andrew R. Murison Memorial Fund to the three student branch chapters. The Chapters had been circularized as to their wishes for use of the fund and several different uses had been suggested, such as making field trips to works of architecture, photographing and filming of them as a record for future student use, the purchase of slides and projectors, assistance in bringing outside speakers to the group, the purchase of architectural books to be a permanent collection in a student branch, the purchase of films on architecture, and awards for achievement or service performed by branch chapter members.

Inasmuch as each chapter has a different problem, it was decided that they might decide for themselves what use they make of their portion of the fund. The fund of approximately $1,400 is to be divided equally among the branches at University of Michigan, University of Detroit and Lawrence Institute of Technology.

Mr. Leone announced that two of our members would be made fellows of The American Institute of Architects at the New York Convention. They are our President Eero Saarinen and Kenneth C. Black. He further announced that Robert B. Frantz of Saginaw Valley Chapter would also be so honored.

In the audience was Mr. Marshall Fredericks, sculptor, of Birmingham, and Leone announced that he would receive the Institute's Fine Arts Medal at the Convention.

Chairman Leone called upon your executive secretary to present the matter of listing A.I.A. members in yellow pages of the Detroit telephone directory under the seal and a statement as to what it means. The Chapter has been paying $18 per month for the heading, and those members who choose to pay fifty cents per month for listing their names under the special heading. This heading has been under "Architects Associations" and follows the general heading of "Architects", which has not been too satisfactory because of the two listings, largely duplications. The telephone company now proposes to discontinue the "Architects Associations" and to have only one list, that of "Architects", with an extra line after the name of each of our members, "Member of The American Institute of Architects. The Company further agrees to discontinue listing under "Architects" all those who are not registered. For this the Chapter would pay $27 per month for a small ad stating the meaning of A.I.A. membership, and each individual subscriber would pay $1 per month for the extra line. The proposal was approved by the members present, without a dissenting vote.


Chapter Secretary, Raymond C. Perkins, presented the Detroit Chapter scholarship awards to members of the three student branch chapters as follows: William B. Cook, of the University of Michigan, College of Architecture; Frank Ignich, Lawrence Institute of Technology, College of Architecture.

Clair W. Ditchy presented other U. of M. student awards as follows: A.I.A. Medal to John Bond; A.I.A. book, Mont Saint Michel and Chartres, by Henry Adams, to Tivadar Balogh. Dean Bennett presented the Alpha Chi Rho Chi Medal to William Werner.

Earl W. Pellerin, Head of the L. T. College of Architecture, presented other awards of his group to Don White, the student making the greatest contribution to his student branch, and to Bruce Detmer, for his appreciation, broad understanding and spirit in the profession of architecture.

L. Robert Blakeslee, Head of the Department of Architectural Engineering, University of Detroit, presented his Branch's Design Award to Walter J. O'Connor.

Schedule of Special Issues
Monthly Bulletin

Michigan Society of Architects
For 1952

July—Giffels & Vallet, Inc., L. Rossetti Associated Engineers and Architects

August—M.S.A. Annual Midsummer Conference Number (Grand Hotel, Mackinac Island, August 1-2, 1952)

September—Smith, Hinchman & Grylls, Inc., Architects & Engineers

October—M.S.A. Roster (by Localities)

November—Detroit Chapter, A.I.A. Number

December—Saginaw Valley Chapter, A.I.A. Number
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Three members of the Michigan Society of Architects will be awarded fellowship to the Institute in recognition of "notable contribution to the advancement of the profession of architecture, in design, or in the science of construction, or by literature, or educational service, or service to the Institute or any of its component organizations, or by service to the public."

Kenneth C. Black of Lansing, a graduate of the College of Architecture, University of Michigan, was awarded the George G. Booth traveling fellowship in architecture by the University in 1925, and was visiting student at the American Academy in Rome for the next two years. He made two other visits to Europe for travel and study, in addition to trips to Bermuda, Nassau, Cuba and Hawaii.

During his university career he was president of Alpha Rho Chi, professional architectural fraternity, and of Tau Sigma Delta, honorary fraternity in architecture. He served as president of the Michigan Society of Architects, director of the Detroit Chapter, A.I.A., and of the Michigan Engineering Society. He was director of the Great Lakes District, A.I.A., 1947-50.

Kenneth Black's interest and activity in public affairs resulted in his being appointed to many important positions in his City and State, including Chamber of Commerce, Park Commission, City Plan Commission, State Planning Commission, and Housing Redevelopment.

He is in practice with his father under the firm name of Lee Black and Kenneth C. Black, Architects, 706 Capitol Savings & Loan Building, Lansing. The firm has a branch office in the Majestic Building in Detroit, which is in charge of Kenneth's brother, William.

Included in some of the firm's recent work are the School of Business Administration at the University of Michigan, in Ann Arbor, and the Auto Owners Insurance Company in Lansing.

Robert B. Frantz of Saginaw will be made a fellow for his public service and service to the Institute.

He received his bachelor of science in architecture from the University of Michigan, College of Architecture in 1917, his master's degree in 1920. He traveled and studied in Europe in 1928 and again in 1947.

He became a member of the Michigan Society of Architects upon his registration as an architect in Michigan in 1922. He served as vice-president of the Society, as well as Frantz, has been president of the Detroit Chapter, A.I.A. He was instrumental in establishing the Saginaw Valley Chapter, A.I.A., and when it was chartered in 1945 he was elected president.

For many years he has been a member of the Board of Registration for Architects, Professional Engineers and Land Surveyors, and has served as its chairman. He has been active in civic affairs, having served as president of the Saginaw City Plan Commission.

His other affiliations include Saginaw Building & Loan Association (director), Torch Club, Sons of American Revolution, Saginaw Club, director, president, Rotary (president), Saginaw Museum Board (president), Trustee of the First Congregational Church (president), Belvedere Club of Charlevoix, Beaux Arts Institute of Design, American Legion.

He was a second lieutenant in the U.S. Field Artillery, 1917-19.

Robert Frantz and Dean Acheson married sisters, members of the distinguished family of Mr. and Mrs. Louis C. Stanley. The sisters are accomplished artists and have received notable national recognition for their work in the field of water colors. In 1946 there was a three-generation show of Acheson-Stanley work at the Corcoran Galleries in Washington, D. C.

The work of Sarah (Mrs. Robert, B.) Frantz was shown at the College of Architecture, University of Michigan and at galleries of many cities.

Son Peter Frantz graduated from the University of Michigan, College of Architecture, 1942, traveled and studied in Europe, was employed in Detroit architects' offices, and is now with the firm of Frantz and Spence in Saginaw.

Saarinen will be cited for his distinctive contribution in the field of design. Able son of a famous father, Eero Saarinen was born in Finland in 1910. He claims to have spent practically all of his early years under Eliel Saarinen's drafting table. After his father won the gold prize in the Chicago Tribune Tower competition, the family moved to this country in 1923, living first in Evanston, Ill., later in Ann Arbor, where Eliel Saarinen was on the faculty at the University of Michigan, College of Architecture, and, after 1926 at Cranbrook, Bloomfield Hills, Mich.

Eero spent 1929-30 in Paris, France, studying sculpture, "sculpture and Cafe du Dome."

The following year he was back at Cranbrook designing furniture for the Kingswood School. From 1931-4 he studied architecture at Yale, completing the five-year course in three years, winning eight medals and a traveling scholarship, highest honor in the architectural school.

He spent 1935-6 in Finland where he worked with Jarl Eklund on the model of the theatre at Helsingfors. He then returned to Cranbrook, was associated again with his father, and was connected with the Flint Institute of Research and Planning, developing a comprehensive plan for that city.

In 1945 Eero, with his father Eliel and brother-in-law J. Robert F. Swanson, won first prize of $7,500 in the national competition for the Smithsonian gallery of art building in Washington, D. C. In the same year, Eero, Ralph Rapson and Frederic James won first prize for their design of a festival theatre and fine arts building at the College of William and Mary at Williamsburg, Va.

Saarinen teams have won many other national and international competitions, one of the important ones being the 590' stainless steel arch for St. Louis' "Gateway to the West," as Jefferson National Expansion Memorial, for which they received $40,000 as first prize. Collaborating on this project were Eero Saarinen's wife Lilian, Dan Kiley of Franconia, N. H., and Architect Alexander Girard of Detroit.

Appointed Eero Saarinen is consultant to the Detroit City Plan Commission on its Civic Center development. He is also consultant, representing the United States, on the new UNESCO building to be erected in Paris, France.

One of the most recent and noteworthy Saarinen projects is the new General Motors Research Center at Centerline, Mich.
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HURLELESS E. BANKES, Corporate Member, 16606 James Couzens Highway, Detroit 21, was born in LaFarge, Wis., educated at Richland Center, Wis. High School, and LaCrosse, Wis. Teachers College. He was employed in offices of leading architects from Harvard until Detroit. At present he is self-employed.

FREDERICK BURR JOSLIN, Corporate Member, 14450 Stahelin Ave, Detroit, received his B.S. in Architecture from the University of Grosse Pointe Farms, received his B.S. in Architecture from the University of Wisconsin, educated at Richland Center, Wis. He attended Central High School, and LaCrosse, Wis. Teach- er College, and at the University of Michigan. After foreign travel and study, he was employed by Alden B. Dow, of Midland, Mich., and Wallace & Luckenbach.

DENNIS R. LANDAU, Corporate Member, 600 Pingree Ave., Detroit, a native of Kansas City, Mo., received his B.S. in Architecture from the University of Kansas. He was employed in the architectural offices in Kansas before entering the office of Smith Hinchman & Grylls, Inc., Architects & Engineers, of Detroit, where he is now employed.

KIYOSHI MANO, Corporate Member, 139 W. Maple, Birmingham, Mich., was educated at Cranbrook Academy of Art, for which he had been awarded a scholarship. He had been employed in the offices of Saarinen, Swanson & Saarinen, and Louis G. Redstone. He is now with O'Dell, Hewlett & Luckenbach.

PAUL COWFETT. Corporate Member, 572 Linden Rd., Birmingham, Mich., a native of California, received his architectural degrees from the University of California and Washington University in St. Louis. He received his master's degree from Cranbrook Academy of Art, for which he had been awarded a scholarship. He had been employed in the offices of Saarinen, Swanson & Saarinen, and Louis G. Redstone. He is now with O'Dell, Hewlett & Luckenbach.

ELLIOI T FINLEY ROBINSON, Corporate Member, 572 Linden Rd., Birmingham, Mich., a native of Detroit, attended Central High School, and received his B.A. degree from the U. of M., College of Architecture & Design in 1938, and Harvard University in 1949. He traveled and studied in Europe in 1929 and 1930, after which he was engaged in architectural offices in Grand Rapids and Detroit. At present he maintains his own practice in Detroit.

DENNIS R. LANDAU, Corporate Member, 600 Pingree Ave., Detroit, a native of Kansas City, Mo., received his B.S. in Architecture from the University of Kansas. He was employed in the architectural offices in Kansas before entering the office of Smith Hinchman & Grylls, Inc., Architects & Engineers, of Detroit, where he is now employed.

KIYOSHI MANO, Corporate Member, 139 W. Maple, Birmingham, Mich., was educated at Cranbrook Academy of Art, for which he had been awarded a scholarship. He had been employed in the offices of Saarinen, Swanson & Saarinen, and Louis G. Redstone. He is now with O'Dell, Hewlett & Luckenbach.

PAUL COWFETT. Corporate Member, 572 Linden Rd., Birmingham, Mich., a native of California, received his architectural degrees from the University of California and Washington University in St. Louis. He received his master's degree from Cranbrook Academy of Art, for which he had been awarded a scholarship. He had been employed in the offices of Saarinen, Swanson & Saarinen, and Louis G. Redstone. He is now with O'Dell, Hewlett & Luckenbach.

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FREDERICK G. STICKEL, Corporate Member, 377 McKinley Road, Grosse Pointe Farms, received his B.S. in Architecture from the University of Illinois, traveled and studied in Europe, then became employed by Smith, Hinchman & Grylls. This was inter- rupted by his service in the USAF, 1942-45, after which he returned to SH & G. Since 1950, he has been with the Detroit office of Victor Gruen, Architect.

BERJ TASHIJIAN, Corporate Member, was born in Massachusetts, where he received his early education as well as his architectural schooling in Massachusetts Institute of Technology and Harvard University, having received the Austin Scholarship. After serving with leading Detroit architects, he became employed by the Ford Motor Company, which position he still holds.

ROBERT C. WAKELEY, Corporate Member, 18504 Kelly Road, Detroit, attended Highland Park High School, and graduated from the University of Detroit in 1944. He was employed by L. Robert Blakeslee, Saarinen & Saarinen; Harley, Ellington & Day. He is self-employed at present.

HAROLD BINDER, Associate Member, a native of Boston, was educated there, and received his A.B. degree from Harvard University in 1948, his bachelor of architecture from the Harvard Graduate School of Design. After employment in Boston, he was engaged in 1951 by the Albert Kahn office in Detroit as designer. In collaboration with Gordon A. Sheil, A.I.A., also of the Kahn office, he won first prize in the Howard T. Keating House Competition, sponsored by the Michigan Society of Architects last February.

MRS. KATHERINE C. FOLTUS, Associate Member, 16241 Baylis Ave., Detroit, was born in Breckenridge, Mich., and received her architectural education at Lawrence Institute of Technology, where she was a member of the student chapter of the A.I.A. She has been employed by Clark R. Ackley, A.I.A., of Lansing.

C. JOHN LANDI, Associate Member, 524 Madison Ave., Youngstown, was born in New York City, where he attended the School of Industrial Arts and Pratt Institute. He was employed by Eggers & Higgins; Voorhees, Walker, Foley & Smith; Charles Noble; Harley, Ellington & Day, and Smith, Hinchman & Grylls. He is now with Jahn-Anderson Associates, in Dearborn, Mich.

WILLIAM D. BLACK, Junior Associate Member, of Lansing, Mich., is a senior at the College of Architecture & Design, University of Michigan. He attended Lansing High School, Albion College, Alabama Polytechnic Institute. He has been employed by his father, Lee Black and brother Kenneth C. Black, Smith, Hinchman & Grylls. He is now with Black & Associates in charge of the Black's branch office in Detroit.

WESLEY EVANS LA ROY, Junior Associate Member, 560 Madison Ave., Youngstown, was born in New York City, where he attended the School of Industrial Arts and Pratt Institute. He was employed by Eggers & Higgins; Voorhees, Walker, Foley & Smith; Charles Noble; Harley, Ellington & Day, and Smith, Hinchman & Grylls. He is now with Jahn-Anderson Associates, in Dearborn, Mich.

his bachelor of architecture from the U. of M. College of Architecture & Design in 1951. He was employed by Harry C. Vicary of Dearborn, now with Palmequist & Wright of Detroit.

JOHN H. EVANS, Corporate Member, 1638 N. Chevrolet Ave., Flint, transferred from Detroit Chapter to Saginaw Valley Chapter.

LEON YULKOWSKI, Junior Associate Member, transferred from Detroit Chapter to Northern California Chapter.

LOUIS W. KLEI, Corporate Member, 2331 W. Davison Ave., Detroit, resigned his membership.

MEMBERSHIP TERMINATED: 12 members.

UNDER SUSPENSION, for non-payment of dues, are fourteen corporate members, whose memberships will be terminated as of the end of 1952 if payments are not made by that time.

EERO SAARINEN, president of the Detroit Chapter of The American Institute of Architects, will head the delegation from the Chapter to the 84th Annual Convention of The Institute at the Waldorf-Astoria Hotel in New York City, June 24-27, 1952.

Clair W. Ditchy, F. A. I. A., of Detroit national secretary of the Institute, announces that the theme of the convention will involve Detroit in a rather intimate way. The subject will have to do with the influence the automobile has had on modern civilization and how it has broadened our lives. Comparisons will be drawn between the technique of automobile production and the manufacturing of building materials. It is expected that the keynote speaker will be a representative of the automobile industry in Detroit, and a challenge will be laid down for the building industry to keep pace with modern developments.


Leo M. Bauer, President of the Michigan Society of Architects, will be a delegate from both the Society and the Detroit Chapter.
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GLASS MOSAICS

Andrew R. Maglia, 15751 Plainview Ave., Detroit, had an interesting exhibit at the recent MSA convention in Detroit.

The product, known as Vetrotex Satin Glass Mosaic, is said to be one of the most modern and beautiful materials for walls and floors. It is manufactured in Florence, Italy and distributed here by Maglia. It is low in cost and has a permanence that is equalled by few if any other such materials.

The following information on Mosaic in Architecture is contained in the brochure descriptive of the product:

The use of mosaic as an architectural adornment dates back more than five thousand years. Among the ruins unearthed by few if any other such materials, beryl, lapis-lazuli, amethyst and solid gold. With the growth of the Roman Empire and its influence upon the use of mosaic to perpetuate their faith with artistic decorations and symbolism. Architects and artists of the Middle Ages and of the Renaissance Period chose the medium of mosaic to add beauty, dignity and lasting life to their achievements. The superb monumentality and splendor of many palaces and Basilicas throughout Europe, and particularly Italy, is due in generous measure to their mosaics. Without them, many buildings, which are presently treasured as gems of bygone ages, would have been regarded as mere "old places." Hence, it is logical to assume that, while mosaic is an expression of artistry and beauty by itself, it is also a medium through which the well-meaning and far-sighted architect can add decorum and prestige to his projects. Because time, materials and cost are of paramount consideration in present-day building construction, attention is called to the pertinent information given in the following pages about Silky Glass Mosaic now available for either interior or exterior use in residential, commercial, religious and institutional buildings.

CLYDE W. KELLY has been named chief engineer of the Fenestra Window and Door Division of Detroit steel Products Company, it is announced by H. D. Palmer, President.

Kelly has been with the Company since shortly after the first World War, serving in the Standards and Development Departments and, since 1928, as Assistant Chief Engineer under W. C. Randall, who retired this year. Mr. Kelly is affiliated with the American Society of Testing Materials, the Engineering Society of Detroit and the Michigan Society of Professional Engineers. He is a member of Sub committee IV of the American Standard Association Committee A62 on Modular Coordination, and is also in the Technical Committee of the Metal Window Institute.

BRYANT "ALL-WEATHER" AIR CONDITIONER

A packaged summer-winter air conditioner designed for residential and commercial installation is manufactured by Bryant Heater Division, Affiliated Gas Equipment, Inc., Cleveland, Ohio.

The unit, designated as the Model 576 "All-Weather" Air Conditioner, features a "Reheat" cycle to control humidity during summer operation.

The Model 576 is completely factory-assembled and shipped in two sections which are easily joined at the site of installation.

Additional information on this equipment may be obtained from Bryant Heater Division, A.G.E., Inc., 17825 St. Clair Ave., Cleveland 10, Ohio, or J. H. Swallow, Bryant Heater Division, Central Detroit Warehouse, 10th & Front Sts., WO. 3-0162.

Newest among the hollow metal products of Diebold, Inc., is the K.D. Sliding Closet Door unit now available complete in a knock-down package designed to fit all wall applications.

JOHN C. THORNTON, chairman of the committee on relations with the construction industry, Detroit Chapter, The American Institute of Architects, has reported to the Chapter board that his committee has developed a plan to give architects and owners an inspection service for roofing that will assure specifications being carried out.

The plan is for architects to require a certificate of approval from a recognized testing laboratory to date of billing. The service calls for examination of materials and inspection of application.

THE TRANE COMPANY announces that its Detroit sales office is now in a new location at 15370 Schaefer Highway, Detroit 27. The new telephone number is BROADway 3-3500. A. A. Kernjack is sales representative in charge of the Detroit office.

MULCAHY & COLLINS, manufacturers representatives for several nationally known plumbing products for the State of Michigan, announce that R. M. Ackerman, former manager of Kohler Company, Detroit branch, is now associated with their firm and will be their Western Michigan representative with headquarters in Grand Rapids. Detroit office of the company is at 406 Donovan Building.

VIRGINIA METAL PRODUCTS CORPORATION has opened a Detroit District office at 410 Stephenson building; it is announced by Frank L. Hammond, manager of the Corporation's partition sales division.

"The new office will be completely staffed by fully trained sales engineers and erection personnel to service our customers' requirements for steel office and laboratory partitions," Hammond said.
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ARCHITECTS DELIVER LECTURES BEFORE GROUPS

CLAIR W. DITCHY, F.A.A., of Royal Oak and Detroit, was a speaker at the annual career meeting, sponsored by the Ferndale-Pleasant Ridge Parent-Teachers Association, in Lincoln High School, Pleasant Ridge on the evening of April 1. Purpose of the event was to acquaint parents and pupils as to the various professions with the view toward selecting them for careers.

Ditchy, who is national secretary of The American Institute of Architects, was one of the speakers at the annual convention of the Building Officials Conference of America, at Hotel Statler, May 12, 1952. His subject was “The Architect’s Point of View.”

Another speaker on the same program was Burton, of Detroit, who spoke on “Local Building Codes versus Federal Controls.” Burton was the second president of BOCA.

In addressing members of BOCA, of which Ditchy is Building Commissioner, Joseph P. Wolff, is President, Ditchy advocated unification of building codes, saying that new materials and methods of construction require new concepts of design, which should be recognized by up-to-date codes.

EDWARD G. ROSELLA, A.L.A., of the speakers committee of the Detroit Chapter of The American Institute of Architects, addressed the class in interior decorating and home planning of Denby High School on March 19.

Rosella’s lecture, which was in connection with the school’s family living program, dealt with the value of an architect’s services for the small-home builder. The speaker traced the development of houses from the early Colonial to the present, and included the introduction of modern features. He also outlined the steps in remodeling, decoration and landscaping.

This talk was in line with the Chapter’s program of public relations and a cooperative effort with the public school system.

Architects James B. Hughes and Arthur H. Messing were counselors at the recent annual vocational guidance meeting sponsored by The Engineering Society of Detroit in the Rackham Educational Memorial building.

Purpose of this, the 17th annual meeting, was to acquaint architectural and engineering students with the professions in order that they may better decide on the selection of one as a career.

Dean C. J. Freund, College of Engineering, University of Michigan, gave the principal address in the ESD auditorium, following which students divided up into groups to have their questions answered by the different practitioners.

This year’s meeting contained all the features of the manpower shortage faced by the engineering and architectural professions.

R. BUCKMINSTER FULLER, architect and inventor was the speaker at the closing event of the Metropolitan Art Association’s current series of lectures at The Detroit Institute of Arts, April 9. Fuller, who is now on the faculty at the Massachusetts Institute of Technology, was introduced by W. Hawkins Ferry, Association president.

The speaker gave his lecture, “Geometric_ Geometry” an exploration he had been engaged in since 1917. His lecture was illustrated by slides and models.

“Future design,” he said, “will be based upon metals of specific alloys made for the particular purpose intended.

“If our people are to be properly housed, that housing will have to be produced on a production line, and the pound will become the yardstick.”

Accordingly, Fuller’s newest house design is of aluminum, stainless steel and plastics instead of bricks and lumber, its weight about three tons, instead of the usual hundred. It hangs rather than sits. Thus, this, he explains, comes from the well-known fact that to secure the maximum results with the least amount of materials the structural members must be in tension rather than in compression, such as suspension, a bridge rather than the Pyramids. Thus, with his “geodetic Dome” he has demonstrated that it is possible to enclose huge spaces with surprisingly little material.

Asked how large he thought such structures could be built, he replied that calculations had been made for them up to one-half mile in diameter—and that, he said was “only the beginning,” adding that it would be quite possible to enclose a whole city with a light skeleton framework without any columns.

Fuller, designer of the “Dymaxion” house, sees “comprehensive design” as the solution to the greatest problem man has ever faced—the overpopulation of the world, resulting in a lowered standard of living for most of the inhabitants. He maintains that at present the world’s industrial production is preoccupied in the service of only one quarter of the world’s population, that the other 100% are either directly or indirectly engaged in procurement, processing and transportation.

He emphasizes the surprise factors developing in technical trends of the building arts, with special reference to recent successful research toward amplifying performance while reducing costs.

LETTERS...

BULLETIN:
I am a member of The Society of Polish Architects Abroad. I wish to emigrate to U.S.A., and in order to receive the visa, I am requested by the American Embassy in London to provide “Affidavit of Sponsorship.” I would be most grateful if any of your members would provide me with such a document as would satisfy the above authorities.

I am 37 years of age, married, and I served as a Lieutenant in the Polish Army from 1939 to 1947.

I am an Architect with University Degree, awarded to me at Liverpool University (1946). I have also passed the R.I.B.A. Final Examination (London), and have eleven years’ experience. I should be pleased to provide any further information which may be required.

I would be very grateful for this help, and would appreciate your early reply.


BULLETIN:
Just a brief note to say thanks for all you and the committees did to make the convention at the Statler the success that it was. I know you work hard to keep this organization something to be proud of, and I think it is about time we took it upon ourselves to show you our appreciation for all you have done.

I, for one, consider it an honor to be a member of the Michigan Society of Architects, and there could be no other reason for this than the fact that the men who have gone before me in this profession, such as yourselves, have made it what it is. When the torch is finally handed on to some of us who are younger (not much younger), let us hope that we will be able to live up to the tradition established by you and your associates.

W. GLASSON COOMBE, A.L.A.

BULLETIN:
I want to congratulate the Society on the success of its recent annual meeting. From the report as set forth in the Monthly Bulletin, it was one of the most successful in many respects.

I was very much disappointed in not being able to be one among you, but unfortunately I was, at the time, confined to my home after a rather severe illness. From this I have now recovered, am feeling quite normal, and am back at my office for a part of each day.

With best wishes and trusting that I may be in attendance at future meetings, I remain very truly yours, EDWARD A. SCHILLING.
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Joseph P. Wolff, commissioner of the Department of Buildings and Safety Engineering for the City of Detroit, has just issued the forty-first annual report of the department, for the year of 1951.
The report shows the total cost of construction during 1951 amounting to $159,809,313 as compared to the all-time high of $208,005,889 reached in the previous year. The decline was general in all classes of construction with the exception of industrial, which attained the unprecedented total of $27,329,550, compared with $18,290,281 during 1950.
The department has kept records of permits issued in sixteen of the principal cities located in the Detroit metropolitan area during the past year, which total $143,405,786.

"There are upwards of fifty incorporated municipalities in this area," the report states, "and if reports were available the total in these communities would undoubtedly exceed those of Detroit proper."

"The lower volume in the past year follows the trend," the report continues, "and the main factors in the decrease can be attributed to higher construction prices, more stringent credit controls and federal restrictions governing the use of critical materials and equipment."

The commissioner points out that one contributing factor in the decline of residential construction is the dwindling number of vacant lots available for this type of construction. He adds that the future presents a challenge to rebuild large areas that now contain many living accommodations which are substandard according to present-day concepts.

With respect to the Architects State Registration Act, the report states:

"In the past years we have given the utmost attention to the requirement of the State Act which provides that it is unlawful for any public official of the State of Michigan to accept in the capacity as a public record, building plans and specifications for all projects with the exception of residential buildings costing less than $15,000 and accessory structures, which do not bear the seal of a registered architect or professional engineer. The Act excludes plans prepared by an owner for the construction of buildings on his own property."

"We have experienced some difficulty in connection with owners who have submitted sworn statements claiming they have prepared the plans for structures to be erected on their own property. Writs of injunction have been issued in these instances. Circumstances indicate that the truth of the statement could be questioned."

"During the year the State Board of Registration for Architects and Engineers who administers the provisions of this Act, has continued its operation. An inspecting division of this department has been established to enforce the provisions of the State Act which provides that it is unlawful for any public official of the State of Michigan to accept for filing plans which are substandard according to present-day concepts."

From the report it is clear that the future presents a challenge to rebuild large areas that now contain many living accommodations which are substandard according to present-day concepts.

Planning better Vacation Accommodations is the title of a new brochure by C. A. Gunn, Department of Land and Water Conservation, Michigan State College, East Lansing, Michigan. The 36-page booklet is well illustrated with photographs, sketches and plans of desirable projects, and contains much valuable information for present and prospective operators. The material in the bulletin results from several years' contact with commercial operators, and research in architecture, landscape architecture, conservation and engineering.

Some time ago Gunn was the author of a similar bulletin, "Planning Better Overnight Accommodations," which had wide distribution among architects, and others interested.

The author states, "buildings and grounds for longer-stay vacationists are just a little different from those for overnight guests. Hence, the suggestions for planning these two types have been presented in two separate bulletins."

Copies of the booklet may be obtained by writing C. A. Gunn, Research Assistant and Extension Specialist, Michigan State College, East Lansing, Michigan.

ALEXANDER GIRARD, A.I.A., who has been appointed by Eero Saarinen, president of the Detroit Chapter, A.I.A., to revamp the Chapter's printed matter, has recommended that the project be extended to include the other two chapters of the Institute in Michigan—Western Michigan and Saginaw Valley—and the Michigan Society of Architects.

In fact, says Girard, "the literature of the national body and all of its chapters could stand some modernizing, as, not only is there a lack of unity among the various pieces, but much of it is old-fashioned."

In line with this, Girard has recommended a uniform job sign for architects to place on their construction projects, that would be the same throughout the country. The Pasadena Chapter, A.I.A., has adopted such a sign which has been approved by several other chapters.

other matters which may be considered as violations of the regulations. Undoubtedly the policy of making field investigations in questionable cases and prosecuting violators, will be of material assistance to building departments who are obliged to enforce certain provisions of the Act."

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Appointments - Honors

MISS HELEN L. FASSETT has been appointed by Governor G. Mennen Williams to membership on the Detroit Regional Planning Commission.

Miss Fassett, an associate member of the Detroit Branch of the American Institute of Architects, is a member of the Detroit City Plan Commission. She is on the staff of Smith, Hinman and Grylls, Inc., architects and engineers. She received her degree in architecture from the Rochester Institute of Technology in 1931, later studied and traveled in Europe, and took special courses in architecture at Columbia University.

Returning to Detroit in 1925, she held a series of architectural assignments: Home Furnishing Training Director for The J. L. Hudson Co.; Director of Residential Modernization for the Detroit Trust Co., and Managing Director and Color Consultant for Holden & Reamer when they were building the River Terrace apartments.

ARCHITECT, NEIL F. WARREN, A.I.A., has been appointed a member of the City Planning Commission of Pleasant Ridge, Michigan, where he met with the architectural commission on the new UNESCO building to be constructed in Paris, France.

Saarinen, who is American consultants on the project, went to Paris about a month ago for the organization meeting of the group. His recent visit was for the purpose of considering the first sketches of the building which is to be built in Paris directly opposite the Ecole Militaire.

EREO SAARINEN, A.I.A., president of the Detroit Chapter, The American Institute of Architects, has just returned from Europe where he met with the architectural commission on the new UNESCO building to be constructed in Paris, France.

Saarinen, who is American consultants on the project, went to Paris about a month ago for the organization meeting of the group. His recent visit was for the purpose of considering the first sketches of the building which is to be built in Paris directly opposite the Ecole Militaire.

HAROLD S. ELLINGTON, of Harley, Ellington and Day, Inc., Detroit architects and engineers has been honored for professional achievements in the field of engineering science, member of
REGISTRATION ACT

AN ACT to license and regulate the practice of architecture, professional engineering, and land surveying; to create a state board of registration for architects, professional engineers, and land surveyors; and to prescribe its powers and duties; to impose certain powers and duties upon the boards of registration; to provide for the administration of the provisions of this act; and to repeal all acts and parts of acts inconsistent with the provisions of this act.

The People of the State of Michigan enact:

Section 1. In order to safeguard life, health, or property, any person practicing or offering to practice any professional service, such as consultation, planning, design, or responsible supervision of connection with any public or private structures, buildings, equipment, works or projects wherein the public welfare or the safeguarding of life, health, or property is concerned, shall require a knowledge of mathematics, the physical sciences, professional principles and data, engineering or land surveying, or the practice of land surveying as hereinafter defined.

Sec. 2. The term "architect" as used in this act shall include all persons who acquired by professional education and practical experience, are qualified to engage in architectural practice as hereinafter defined.

The practice of architecture within the meaning and intent of this act includes any professional service which shall require or use in connection with his name or otherwise assume, use or advertise in such description tending to convey the impression that he is an architect, a professional engineer, or a land surveyor, unless such person has been duly appointed or exempted under the provisions of this act.

Sec. 3. There is hereby created a state board of registration for architects, professional engineers, and land surveyors, which shall be vested with the power and authority set forth in this act. Said board shall consist of three architects, three professional engineers, and three land surveyors, who shall be appointed by the governor for terms of seven years each, except as hereinafter provided.

Sec. 4. Each board shall hold office for the term herein provided, and shall by their respective oaths of office with the secretary of state, and be a necessary expense of the administration of this act.

Sec. 5. The board shall hold an organization meeting within thirty days after this act becomes effective, and thereafter shall hold at least one regular meeting each calendar year. Special meetings shall be held at such time as the rules and regulations of the board may provide. Notice of all meetings shall be in such manner as the rules and regulations may provide. The board, and a quorum there of, consist of a chairman, a vice-chairman, and a secretary, who need not be members thereof. The chairman shall constitute a quorum for the transaction of business.

Sec. 6. The board shall have power to promulgate rules and regulations, not inconsistent with the laws, which shall have the force and effect as if the original were produced.

Sec. 7. Any member of the board may issue a subpoena for the attendance of any person who is in any way connected with the practice of architecture, and the examination of witnesses and the producing of books, papers and documents in any case or proceeding in the board.

Sec. 8. All fees received under the provisions of this act shall be forwarded monthly to the state treasurer and deposited therein in a special appropriation to be paid from the appropriation made therefor by the legislature. The board shall receive their actual and necessary expenses therefor, in a professional school or college accredited by the board, and shall hold office until the appointment and replacing thereof.

Sec. 9. The secretary of the board shall have charge of the professional education, shall perform the duties usually appertaining to such office, he shall give a surety bond, running to the people of the state of Michigan, in the sum of two thousand five hundred dollars, and shall be entitled to be paid the sum of five hundred dollars as his compensation. Any person having the necessary qualifications may be admitted to the examination, and the board shall set the date of the examination only to those applicants who meet the requirements of registration.

Sec. 10. The board shall keep a record of all examinations for registration, which shall be open to the public.

Sec. 11. A roster showing the names and business addresses of all registered architects and professional engineers shall be prepared by the board in the month of February of each year, commencing in the year of the act, and the copies thereof shall be placed on file in the office of the secretary of state, and shall be available for the public upon request.

Sec. 12. An applicant for registration must be a citizen of this state except as provided in section twenty; must be of good moral character and over twenty-one years of age; must, except as provided hereafter in this section, have had not less than eight years professional experience in practice in architectural or engineering work, or land surveying, under the direction of a registered architect or engineer, or professional registration in the separate items of practice as hereinafter defined; and shall have completed all necessary examinations, which examination shall be TWENTY-FIVE dollars.

On or before the fifteenth day of January, in each odd numbered year, the board shall make a report to the governor setting forth the workings of said board during the previous two years, containing the findings and recommendations of said board.

Sec. 13. Applications for registrations shall be on the form approved by the board, and shall contain statements made under oath, showing the applicant's educational qualifications and proof of registration in the separate items of professional education, which registration is legally in force at the time this act becomes effective, or proof of examinations passed in said separate items of professional education. All registrations as architects, professional engineers, and land surveyors under the laws of this state and in legality in force at the time this act becomes effective shall continue in force for five years from the date on which they legally expire under the provisions of the act which authorized them. All persons who shall have been registered as architects, professional engineers, and land surveyors under the laws of this state and in legality in force at the time this act becomes effective shall be entitled to practice in this state the same as if they had been registered under this act.

Sec. 14. The provisions of this act shall have effect only as to the persons to whom they are applicable, and any person having the necessary qualifications may be admitted to the examination and such registration shall be eligible for such registration though not previously registered in the profession at the time of making such application.

All registrations as architects, professional engineers, and land surveyors under the laws of this state and in legality in force at the time this act becomes effective shall continue in force for five years from the date on which they legally expire under the provisions of the act which authorized them, and the additional compensation for their services, provided for in an examination of this kind, shall be a necessary expense of the administration of this act.

Sec. 15. The fee for architects and professional engineers shall be twenty-five dollars, and the fee for land surveyors, in addition to the examination fee, the remaining ten dollars to be paid upon the issuance of certificate. All persons having the necessary qualifications for registration issued by the national council of professional engineers for the state of Michigan shall be entitled to professional registration in this state, except as otherwise provided in this act.

Sec. 16. The board shall receive an additional compensation for their services, upon the issuance of certificate. When a certificate of registration is issued, the remaining ten dollars to be paid upon the issuance of certificate, and if the fees for registration issued by the national council of professional engineers are not changed, the fees for registration issued in this state shall be TWENTY-FIVE dollars.
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fifteen dollars, which shall accompany application.

Sec. 14. When examinations are required, they shall be held at such time and place as the board shall determine. The nature of the exca

Sec. 18. This act is ordered to take immediate effect.

Sec. 21. The board shall have the power to revoke the certificate of registration of any registrant, who is found guilty of:

(a) The practice of any fraud or deceit in connection with his profession.

(b) Any gross negligence, incompetency, or misconduct in the practice of architecture, professional engineering, or land surveying.

Any person who fees charges of fraud, de

Sec. 19. The following persons shall be exempt from the registration fee:

(a) A person not a resident of and having no established place of business in this state, or who has recently become a resident of this state, or has moved to this state within one year of the date of the expiration of his certificate, provided he has paid the fee required by this act for such time as the board requires for the consideration of his application for registration. Provided: Such a person is legally qualified to practice the profession of architecture, engineering, or land surveying, and has filed with the board a written statement that the requirements and qualifications for obtaining a certificate of registration are not lower than those established by the laws of the state of which he is a resident, or the state or country of which he is a registered architect, registered professional engineer, or registered land surveyor.

(b) A person resident of and having an established place of business in this state, or who has been registered under this act and has been re-examined under the act, and is found to be qualified under the requirements of this act, provided such a person is legally qualified to practice the profession of architecture, engineering, or land surveying, and has filed with the board a written statement that the requirements and qualifications for obtaining a certificate of registration are not lower than those established by the laws of the state of which he is a resident, or the state or country of which he is a registered architect, registered professional engineer, or registered land surveyor.

(c) An architect, registered professional engineer, or registered land surveyor.

(d) Architects, engineers, or surveyors employed by county, city, town, or other public authorities, during the life of the registration of such architect, engineer, or surveyor.

(e) A person not a resident of and having no established place of business in this state, practicing or offering to practice herein the profession of architecture, engineering, or land surveying, which public authorities, during the life of the registration upon payment of a fee of five dollars.

Sec. 15. The board shall issue a certificate of registration upon payment of registration fees as provided for in this act, to any applicant who, in the opinion of the board, has satisfactorily met all the requirements of this act. In case of a registered architect, the certificate shall authorize the practice of architecture; in the case of a registered professional engineer, the certificate shall authorize the practice of professional engineering; and in the case of a registered land surveyor, the certificate shall authorize the practice of land surveying. Certificates of registration shall show the name and street address of the place of business of the registrant, his certificate number, and shall be signed by the chairman and secretary of the board.

Sec. 22. Any person who, after this act becomes effective, shall practice, or offer to practice herein the profession of architecture, professional engineering, or land surveying, or shall have any personal connection with the construction of buildings on land shall, within three months after the date on which such connection is made, file with the board a written notice that such connection exists. Provided: Five or more members of the board shall enter a vote in favor of re-issuance.

Sec. 26. This act shall become effective as of the date of the expiration of his certificate and shall have the right to appear personally and by counsel, to re-examine without any appearance against him, and to produce evidence and witnesses in support of such application.

If, after such hearing, four or more members of the board vote in favor of finding a violation of any of the provisions of this act, any person who shall give any false or forged evidence of any kind to the board or to any member thereof in obtaining a certificate of registration, or any person who shall falsely impersonate another registrant of a different name, any person who shall attempt to obtain an expired or revoked certificate of registration, or any person who shall attempt to practice, or offer to practice herein the profession of architecture, professional engineering, or land surveying, which public authorities, during the life of the registration shall be In writing, and shall be sworn to by the person making them and shall be filed with the board. If the board find a violation of any of the provisions of this act, the board shall re-issuance.

Sec. 23. This act shall not be construed to affect or prevent the practice of any other legally registered profession.
10 Large Firms Split Up Business:
Billion in Construction
On Drawing Boards Here

By PAT DENNIS

Close to a billion dollars in the volume planning on drawing boards in 10 large architectural and engineering firms in Detroit over the past six months is expected to amount to a total of $1 billion in construction projects within the next three years, according to the latest estimates of their officials.

The National Production Authority, after estimating the demand for materials, has complained that the country's giant construction companies at the national level have failed to meet all priority demands for materials and equipment immediately. As a result, the NPA has asked the Big Ten firms to speed up their work and bring about a more rapid completion of construction projects.

In their plan to meet all priority demands for materials and equipment, the Big Ten firms have announced that they will be able to complete all construction projects within the next three years, as long as the NPA continues to meet all demand for materials and equipment immediately.

The NPA has also asked the Big Ten firms to help in the fight against inflation and to reduce the cost of living by limiting the number of new construction projects to a maximum of 100 projects per month.

The Big Ten firms have promised to cooperate fully with the NPA and to ensure that all new construction projects are completed within the next three years.

Along Realty Row:
Ypsilanti Architect
To Address Institute

WIN PAT DENNIS

Ralph C. Goetsch, A.I.A., Ypsilanti architect, will speak at an upcoming meeting of the Detroit Chapter of the American Institute of Architects at the Masonic Temple, at 8 p.m. Monday, Sept. 21. The program will be under the sponsorship of the Detroit Chapter of the American Institute of Architects.

Goetsch will show slides of some pictures he has made on his flight around the world last Fall. It is said that the pictures are interesting because he captured the romantic side of the world and the people who live there.

Recovery Referred Matter

A recovery matter referred to the Institute's Board of Directors will be heard at the meeting. The matter concerns the Institute's policy on recovery of membership dues from members who leave the Institute.

Annual Meeting

The annual meeting of the Institute will be held at the Masonic Temple, at 8 p.m. Monday, Nov. 23. The meeting will be open to all members of the Institute.

Wall Panel

Wall panel design for a new ranch type home is being developed by a leading architect.

Imaginative decorating enhances a living room picture window in a new ranch type home.

Floral design of hibiscus on a beige background.

MICHIGAN SOCIETY OF ARCHITECTS

PHOTOGRAPHY BY

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DETROIT TIMES

MAR 30, 1952

Local Muralist
In N. Y. Finals

The Detroit Chapter of the American Institute of Architects, leaders in the field of architecture, has been announced as one of the 10 large firms that will be able to complete all construction projects within the next three years, as long as the NPA continues to meet all demand for materials and equipment immediately.

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Page 1 Sunday, March 30, 1952 Part 4
HOUSE PLANS—HOW TO FIX 'EM—HOME MODERNIZATION FINANCE

Detroit Times
Detroit, Mich.

Architect Institute Admits 2 Members

Pamela C. Hughes is Vice President

Dwight E. Rent, President, and Pamela C. Hughes, are formalizing the plans for the Architect Institute of American Institute of Architects, which has been established to promote the cause of architecture in the state. The Institute was organized after a meeting held recently in Detroit by architects and members of the Institute of Architects.

Among the members of the Architect Institute are: Dwight E. Rent, President; Pamela C. Hughes, Vice President; and Donald T. Brown, Secretary.

Art Association To Hear Fuller

A. N. J. Fuller, founder of the Art Association of Detroit, will be the guest speaker at the meeting of the Art Association of Detroit, which will be held at the Art Association building on March 31.

Architects' Meeting Is Set for April 15

The board of directors of the Architect Institute of American Institute of Architects will meet on April 15. The meeting will be held at the office of the Institute of Architects and will be open to all members.

Detroit News
Detroit, Mich.

Architects Win Awards

First prize of $750 in the Architectural Design Contest was awarded to the Michigan Society of Architects, while second prize of $500 went to the Detroit Architectural Association. The contest was sponsored by the American Institute of Architects of Detroit.

Architects Honor Murals

Madame Tussaud's of London has been honored by the Architectural Institute of American Institute of Architects with the presentation of a mural of Madame Tussaud's on the wall of the Institute building.

Scholarship Date Is Set

The Architectural Institute of American Institute of Architects has set May 5 as the date for the presentation of the annual scholarship to Michigan architects. The scholarship will be presented at the annual meeting of the Institute.

Best in Western Michigan—
Bryant School Here Wins Top Award for Architects

The Bryant School, located in Western Michigan, has been awarded the top award for architects by the Architectural Institute of American Institute of Architects.

Clipping Bureau

ARCHITECTURAL DRAWINGS BEING EXHIBITED

Architectural drawings are being exhibited at the Architectural Institute of American Institute of Architects, 12325 Woodward Ave., Detroit.

MICHIGAN PRESS

The Architectural Institute of American Institute of Architects has been awarded the top award for architects by the Architectural Institute of American Institute of Architects.

Clark W. Dill hy of Detroit, a member of the Architectural Institute of American Institute of Architects, has been awarded the top award for architects by the Architectural Institute of American Institute of Architects.

Architectural drawings are being exhibited at the Architectural Institute of American Institute of Architects, 12325 Woodward Ave., Detroit.

CHICAGO PRESS

Architects' Drawings

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MARCHALL FREDERICKS, sculptor, of Birmingham, Mich., will be awarded the Fine Arts Medal of The American Institute of Architects at its 54th annual Convention at the Waldorf-Astoria Hotel in New York, June 24-27, 1952.

He was recently honored with an exhibit of his work in relation to contemporary architecture, in the galleries of The Institute in Washington, D. C.

Fredericks has recently been engaged in the development of the Cleveland, Ohio War Memorial Fountain, sculpture for Ohio State University, and for the Fort Street Union Depot in Detroit. Some of his other recently completed work includes a war memorial at the University of Michigan.

The 43-year-old sculptor was educated in this country and in studios in Germany, France, Sweden, Great Britain and Italy. He has been the recipient of numerous scholarships and fellowships and has been taught at Cranbrook Academy of Art with the distinguished sculptor Carl Milles.

Fredericks has received many awards in competitions and from governmental agencies. A frequent exhibitor, a prolific sculptor, his work stands in scores of museums and private collections. Much of it has been done for industrial and commercial concerns.

Modern architecture is showing an increasing tendency toward the use of contemporary sculpture, and Fredericks has achieved surprising success in this field. His work reveals particular attention to the augmentation of architectural expression, as well as the control of sculpture by architectural considerations.

New Lighting Wrinkle

Cold light from glowing ceilings and walls is a new development which will "completely revolutionize the lighting industry," states E. K. Wickstrum, vice-president of Sylvania Electric Products Company.

Practical application and commercial development of the new lighting invention is only three to five years away, he predicts.

Touted "electro luminescence," the light source is a phosphor substance plated into glass which glows when activated by an electric current.

"So far, a rather dim glow only has been produced," said Wickstrum, "but further research will soon increase the brilliance to usable levels. Eventually houses will be built without lighting fixtures at all, with a diffused, even illumination from walls and ceilings."

"We are even working on luminescence wall paper and glowing curtains," he concluded.

THE MICHIGAN STATE BOARD OF REGISTRATION FOR ARCHITECTS, PROFESSIONAL ENGINEERS AND LAND SURVEYORS announces that the annual examination will be held June 11 to 14, inclusive, at Detroit, Houghton, Bay City, Grand Rapids, Jackson, Ann Arbor and East Lansing.

Included will be all of the classifications, such as architecture, professional engineering, land surveying as well as engineer in training. Part three of the architectural examination covering the design problem will be held only in Detroit and Houghton. All other parts of the examination may be taken at any of seven locations.

The Michigan State Board of Registration for Architects, Professional Engineers and Land Surveyors, at its recent annual meeting, elected Dean Wells I. Bennett, F.A.I.A., of Ann Arbor, chairman; Herman C. Hughes, F.A.I.A., of Detroit, vice-chairman, and engineer Clyde R. Paton, of Birmingham, secretary. Reappointed were Henry G. Groehn, executive secretary and Mrs. Irene Well, assistant executive secretary.

It was announced that Governor G. Mennen Williams had reappointed member Wilfrid C. Polkinghorne, of Houghton, to a seven-year term.

Other members on the board are Robert B. Frantz, A.I.A., of Saginaw, engineers; Henry H. McLaughlin, of Pontiac and William H. Harvie, of Birmingham.

The board approved two new classifications for registration: Agricultural Engineer, and Architect in Training. The latter will permit architectural graduates to take the first portion of the examination immediately after graduation, and the final portion after having four years experience under a registered architect.

Registered as architects, by reciprocity (on the basis of registration in other states) were Brewster H. Adams, Edward F. Ebert and Irving M. Karlin, all of Chicago; John H. V. Evans and Herman H. Feldstein of Toledo, James L. Cherry of Greenside, Pa., Richard H. Cutting of Cleveland, Ohio, A. Reinhold Melander of Duluth, Joseph Miller of Washington, D.C., B. J. Sabaroff of San Francisco, and Albert V. Walters of Cincinnati.

Also registered by reciprocity were 25 professional engineers and one land surveyor.

Frantz was appointed as delegate to the annual convention of the National Council of Architectural Registration Boards at the Waldorf-Astoria Hotel in New York, June 22 and 23, just prior to the convention of The American Institute of Architects at the same place.

FOR SALE—4'x8'x111/2' drafting table, honeycomb core with bass-wood faces—$60. W. G. Sandrock, U. S. Plywood Corp. Vineyard 3-1200.

Out to Open Spaces

O'Dell, Hewlett & Luckenbach, Architects, now of 2300 Dime Building in Detroit, have their own office building under construction on Hunter Boulevard in Birmingham.

"The growing tendency toward decentralization of architects' offices is brought about by the increasing need for expansion," Owen A. Luckenbach, firm member said. He added that the modern practitioner, keeping pace with industry in placing emphasis upon the importance of planning for convenience of operation so that all departments may be better coordinated.

"It is possible to do this to better advantage when one erects his own building, planned for his particular purpose," Luckenbach stated.

The new two-story structure is being erected on the east side of Hunter just north of Wimbledon. It will be 110 by 32 feet and the upper story will be level with Hunter and Atwood.

The firm's three partners are all residents of Birmingham. They are Luckenbach, of 422 Willits; Thomas H. Hewlett, 340 Hawthorne, and H. Augustus O'Dell, 1119 Pilgrim.

Structural engineer for the firm is Robert Cuddie, 1840 Pierce, Birmingham.

The new building is about one-fourth complete and is expected to be ready for occupancy this fall, Luckenbach said.

Other architects offices in the area are Eero Saarinen and Associates, and Swanson Associates, both on Long Lake Road; Bloomfield Hills; Wallace Frost and Hugh T. Keyes, both of Birmingham.

Luckenbach said his firm now has 25 office employees besides 13 members of its structural engineering department. The present firm members have been associated together for the past 11 years. Among the company's recent projects have been the Northville State Hospital, St. Clair Metrop-Politan Beach and many schools and other types of structures. It is now working in association with the architectural firm of Crane, Kiehler & Kellogg on the Ford Memorial to be erected in Detroit's Civic Center, as well as the design for the entire plaza for the group of buildings.

ARCHITECTS and members of the various groups in the building industry have been invited to explore the possibilities of presenting a course in building construction at Wayne University in Detroit.

The course, which would be for 16 three evening sessions, has a potential of some 100 students interested in the several phases of building, including architecture, construction, real estate, mortgages and accounting.

C. C. Whitlock, certified public accountant, is organizing the study group to implement the course.
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SMALL HOUSE COMPETITION

Competition rules and instructions to competitors in a Concrete Masonry Home Competition, sponsored by the Michigan Society of Architects, are now available for distribution according to C. A. Sirrine, A.I.A., Professional Adviser to the Competition.

The Concrete Products Association of Detroit has provided $3,250 to be awarded to prize-winning designs for a small concrete masonry home. Winner of the First Prize will receive $1,000; Second Place $750; Third, $500, and prizes of $100.00 each will go to the winners of ten Honorable Mention.

Any architect, draftsman or student of architecture is eligible to enter providing he is practicing, employed or studying in the State of Michigan and, in addition, is a bona fide resident of Michigan. Eligible persons wishing to enter may obtain entry forms and copies of the Competition Program by request to the Professional Adviser, 76 Adams Avenue, West, Detroit 26, telephone Woodward 3-8566.

Purpose of the Competition is to apply the value of architecturally trained effort to the design of a concrete masonry home within the financial reach of the limited-income group and to stimulate added public interest in architecturally designed small homes.

The Competition closes July 15 and the thirteen prize winners will be announced at the Midsummer Conference of the Michigan Society on Mackinac Island, July '1, August 1 and 2.

Following the Mackinac meeting, where many of the designs will be exhibited, the first public showing will be held about September 1, at the Home-Planning Center of The J. L. Hudson Company, in Detroit. It is expected that similar public exhibitions will be held in a number of cities throughout Michigan.

The Concrete Products Association plans to have working drawings prepared from designs selected so that home-seekers may obtain them.

In addition, plans are being formulated by the Concrete Products Association to build a model concrete masonry home from the design receiving First Prize in the Competition.

The inclusion of competitors in all stages of architectural training, from students to registered architects, is expected to produce a number of fresh, vigorous and well-studied designs.

Results of the competition are expected to show clearly that a house, though limited in size and restricted by cost, may be as attractive and liveable as larger and more expensive homes, by careful architectural study and a judicious selection and use of materials.

PRODUCERS’ COUNCIL

New officers of the Producers’ Council, Michigan Chapter, elected at the dinner meeting held at the Hotel Fort Shelby in Detroit on May 12th are William F. Muleavy of J. A. Zurn, president; Clyde T. Oakley of Truscon Steel, vice president; Cessna-flying William A. Snure of Unistrut Detroit Service, secretary; G. Frederick Muller of Pittsburgh Plate Glass, treasurer. Fred was re-elected because he is a connoisseur of the tough art of hanging on to money—there’s still a good balance in the Producers’ kitty.

Retiring president William J. Portland of Armstrong Cork announced that there are now 47 members in the Michigan Chapter and thanked the members for their wonderful cooperation during his regime.

It was announced that a joint meeting with the Western Michigan Chapter, A.I.A., will be held on Saturday, June 7th at the Macatawa Hotel near Holland, Michigan. A. Naughten Lane, National President of the Producers’ Council, Inc., will come from Washington to be the principal speaker. There will be table-top exhibits. All interested are invited to attend.

Tie of the evening went to three musketeers: Art Henson, Burt Kuiper and Tom Schwer—all three wearing outstanding numbers.

Others at the meeting were Al Hann, H. M. Armstrong, John Finn, Don Johnson, smart Jack Murray, Bill Ogden, Herb Starkey, Ross Griffith, D. L. Granger, R. B. Richardson and R. B. Jr., who was telling us about their new offices; Pat Galway, Tex Warner, Bob Fawwetter who has a 500 volume collection on Christopher Columbus in his diggings at the Tuller, and Tom Moore. Bow tie of the evening, you might know, went to handsome Harry Fritzam. Harry brought his distinguished father-in-law, Frederick A. Hart, former executive of New York Life. Mr. Hart, now retired, spends his time traveling between New York and Clearwater, Florida. Such is the life for those who prepare for it!

It was nice to see new-comers Owen Watkins and F. C. Burt of Mosaic Tile at the meeting, and Ernie Baker, Roy Smith, Russ Collins, Frank Sander, Bill Boeschenstein and Bob Ogden.

Robie Cone, Jr., is planning on taking a cruise along the New England coast this summer. Any of you nautical guys interested? Robie sat across from Elmo Liddle of Josam.

Housing the Aging is the topic for the University of Michigan’s fifth annual conference on aging, to be held in Ann Arbor, July 24-26, 1952.

The conference will consider the housing needs of healthy, chronically ill, confused, and disabled older people living in urban and rural areas. Among the topics to be discussed are types of housing and living arrangements, architectural designs and costs, hygiene and safety standards, social and economic aspects of housing, and auxiliary services.

Dr. Wilma Donahue, of the Institute of Human Adjustment, Rackham building, Ann Arbor is in charge of registration.

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A LIGHTING COMPETITION

The Michigan Society of Architects will sponsor an architectural competition for the lighting scheme to be used in the new convention hall being planned for Detroit's Civic Center, it is announced by Leo M. Bauer, Society President.

The competition, open to architects of Michigan, will be based on preliminary drawings prepared by Giffels & Vallet, Inc., L. Rossetti Associated Engineers and Architects, Bauer stated. He added that Kirlin Company, manufacturers of lighting fixtures, have provided prize money totaling $2250. First prize will be $1000, second prize $750, and third prize $500.

It is expected that drawings by the G. & V. firm will be available in early autumn. Designs will be exhibited at the Society's 39th annual convention to be held in Detroit next March.

NEW ANDERSEN WINDOW

Two hundred architects and others in the building industry were guests of Kimball & Wilson, Inc., of Detroit, and Andersen Corporation, of Bayport, Minn., at a dinner in Hotel Statler, Detroit, May 20, for a showing of the new Andersen Flexivent window unit, which includes an awning type, hopper type, and casement, all in one unit.

James D. Rowland, vice-president of Andersen, and affable host Clarence Kimball, demonstrated the new window's installation, in ribbons, stacks and multiple groups. A new sealed sash was also shown.


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ARCHITECTS OF THE MONTH
A new Jewish hospital, the first in the Detroit area, is now under construction in the northwest section of Detroit, Michigan. Three organizations, the medical facilities of Detroit, to be known as Sinai Hospital. Designed by Albert Kahn Associates Architects and Engineers, with Dr. J. J. Golub, Super

The proposed Sinai Hospital now under construction is located in the northwest section of Detroit on a 33 acre (fairly level) site, bounded on the north by Outer Drive, south by McNichols Road, east by Lauder Avenue, and west by Whitcomb Avenue.

The initial construction program is of the main hospital building which will be devoted to the care of acutely sick patients. When funds are made available, subsequent stages of construction will consist of an outpatient department, additional patients' wings, a school of nursing and dormitory, convalescent building, auditorium, and physicians' building.

The hospital and its main entrance will face and be set back 300 feet from Outer Drive. The distance of setback was determined by zoning regulations and by slope requirements for gradual and easy incline of approach drives. The grade is brought up to first floor level at the main lobby, thereby rid-

The open space to the front of the building will offer a splendid opportunity for attractive landscaping, which should have a valuable psychological effect on the moral of patients and personnel.

Four principal wings constitute the main hospital building. These are grouped and consolidated to form the basic structure. Three of the wings were placed with their long sides in an east and west direction, and parallel-

Parallel wings are purposely offset from their common axis, thereby permitting termination of most corridors at outside walls which are fenestrated. The wings are designed for the following facilities:

"A" wing (northeast) consists of three (3) floors and ground floor, and will house the facilities for: personnel, housekeeper and necropsy—ground floor; administration—first floor; obstetrics—second floor; major surgery—third floor.

"B" wing (northwest) consists of seven (7) floors, penthouse, and ground floor, and will house facilities for: storage and dining—ground floor; admitting, emergency, accounting and house staff living quarters—first floor; maternity nursing unit and nurseries—second floor; medical and surgical patient nursing units—third to seventh floors, inclusive.

"C" wing (center) consists of four (4) floors and ground floor, and will house facilities for supply receiving, storage, pharmacy—ground floor; X-ray diagnosis and therapy—
The Greater Detroit Hospital Fund, the Jewish Welfare Federation, and the Jewish Hospital Association, cooperated to promote this 200-bed addition to the 

HOSPITAL

Jewish Hospital for Joint Diseases in New York, as consultant, the new institution is scheduled for completion late in 1952 and in operation 1953.

first floor; laboratories and animal quarters—second floor; central sterilizing—third floor; staff living quarters—fourth floor.

"D" wing (southeast) is one-story in height and will house the laundry, maintenance shops, incinerator, and boiler room.

The kitchen extends into a one-story structure located south of the patients' wing.

The main entrance, lobby, information counter, gift shop, and sitting rooms are located on the first floor of the one-story and ground floor structure, which is located on the north, between the "A" and "B" wings. This structure, plus the unit to the west which houses the nurseries, form the major focal point in the exterior design of the hospital.

The design provides for complete separation of entrances for service and traffic leading in and out of the building.

In order to keep the patients' areas quiet, the parking lot (141 car capacity) and service court are located at the east side of the hospital.

The initial building will accommodate 200 beds and 48 bassinets. The distribution will be 36 beds in private rooms, 100 beds in semi-private rooms, and 64 beds in four-bed wards. The private and semi-private beds can be used for either medical, pediatric, or surgical cases, except the maternity beds which will be devoted to that specialty.

38 of the initial 200 beds will be in the obstetrical department.

Under emergency conditions, 36 additional beds can be accommodated by using the private rooms as semi-private.

Spaces assigned to major services and most of the adjunct facilities are of ample size in the initial plan that, by fully equipping them, they will accommodate an additional 100 beds.

Wings are 48'-0" wide, except the center wing which is 44'-6" wide. Story height is generally 10'-8", except from ground floor to first floor which is 12'-6", and from first to second floor which is 14'-11". The increased first-floor story height provides a continuous pipe space between the first floor ceiling and the underside of the second floor. Access doors and service catwalks in this area provide access to the control valves of major piping in the building.

The total floor area is 175,000 sq. ft., and the cubic content is 2,150,000 cu. ft.

Arrangement of interior layouts and facilities will be described hereinafter as they occur on the various floors.

Ground Floor

All supplies which come into the hospital will be delivered through the depressed service yard onto a loading dock and into the receiving department in the "C" wing. Here they will be uncrated, inspected, weighed and dis-
patched. Supplies routed for long range storage, including canned and bulk foods, will go into the general storage and food storage in the "B" wing. Supplies which may be issued within a two-week period will go into the current supply room adjoining the receiving office.

Pharmaceutical supplies will be sent directly to the stores adjoining the pharmacy on this floor.

Dietary supplies for daily use or those requiring refrigeration, will be sent directly into the kitchen day storage room or kitchen refrigerators.

A separate room for the storage of mattresses, springs and beds is conveniently located near the general stores and elevators.

The issuing and receiving office is located between the receiving room and current supplies to provide central control over movement of supplies.

Space adjoining the receiving department is developed for garbage refrigeration and removal of same, and also for can washing, cleaning and storing.

Other refuse matter from the hospital will be disposed of in the incinerator room on this floor near the boiler room. The incinerator proper will be constructed of masonry reinforced with steel and have an inner lining of refractory brick. It will be gas-fired and have a capacity for burning 400 lbs. of rubbish per hour. Smoke exhaust flue will connect to main boiler stack.

Food preparation for patients and staff will take place in the kitchen-unit which consists of the main kitchen, kosher kitchen, diet kitchen, bake shop, dieticians offices, walk-in and reach-in refrigerators, day store room, dish and pot washing, tray conveyor, ice making machine, and kitchen personnel lockers, showers and toilet rooms.

Food for patients consumption will be delivered on a vertical tray conveyor to the pantries on the floors of each nursing unit and from there will be distributed to the patients. Soiled dishes will be returned via this tray conveyor to central dishwashing facilities in the main kitchen.

Food will also be prepared in the kitchen for the dining rooms located on this floor. Here will be fed the professional, technical, clerical and domestic staffs of the hospital. Method of feeding will be the "self-service" kind with cafeteria counter located between the kitchen and main dining room. On the south side, the main dining room windows and doors are shaded by a projecting canopy and open onto a depressed landscaped garden.

In addition to the kitchen and dining room facilities, there is the snack bar which is located on the ground floor. Sandwiches, coffee, soft drinks and desserts will be served here to the hospital personnel, staff and visitors.

The laundry is designed to take care of the initial bed capacity of 250 plus 48 bassinets. Adequate space is allocated to permit future installation of additional equipment which will provide laundry facilities for 300 beds.

Requirements are based on a demand of 12 lbs. per patient per day, 4 lbs. per bassinet per day, 7 days a week and 5 working laundry days at 40 hours per week.

Soiled linen will be collected at the linen chute collection rooms on the ground floor and delivered to the soiled linen room in the laundry. Here linen will be sorted and sent through the laundering cycle of washers, extractors, tumblers, and ironers. It is figured that the total laundry volume will consist of approximately 70% rough dry and 22% press work.

A noteworthy feature of the layout is that laundering starts at the soiled linen room and continues through the laundering cycle without backtracking. Fresh, clean linen does not come in contact with soiled linen.

All clean linen will be stored in a central clean linen room, and from here will be distributed by requisition to the various departments of the hospital. A mending and sewing room, with a closet off same for storage of replacement linen materials, and the laundry office complete the laundry facilities in this hospital.

Balance of ground floor in the "D" wing is devoted to the repair shops for furniture and equipment, building and maintenance shops. These are located in close proximity to the engineer's office in the boiler room, since the shop personnel will be supervised by the engineer.

The boiler room is attached to the "D" wing and is laid out to house, initially, two (2) medium pressure, oil-fired boilers. The structure itself can be extended to the east to accommodate a third boiler. Smoke exhaust from the boilers and incinerator will be expelled through the 165 ft. high, gravity type, brick smoke stack.

Fuel oil will be piped into the boiler house from the three (3) underground fuel storage tanks located outside of the building and convenient for unloading of fuel from tank trucks.

In the boiler house will also be located the auxiliary boiler equipment, water softeners, water heaters, pumps, compressors, and the ventilating equipment for the laundry.

The necropsy department is located on the south side of corridor in the "A" wing. It consists of an autopsy room with built-in bleacher seats for observation, dissection room and morgue and a double tier refrigerator for six (6) bodies.
Arrival and departure of employees will be through the passage from the service yard to the "A" wing corridor. Employees time clocks will be located in this passageway and will be exposed to view through a glazed partition between passage and housekeeper's office.

The ground floor also contains locker rooms, rest rooms, showers and toilet rooms for technicians, clerks, domestics and nurses.

Barber and beauty shops for patients and staff are located in the "B" wing.

The Mohel's circumcision room and visitors observation room are also located in the "B" wing. This suite of rooms can also be used for infant care demonstration.

Transformer, switch room and telephone equipment rooms are situated on this floor in convenient locations for incoming service and for distribution within the building proper.

The lecture room near the elevators will be used for educational and social activities.

The pharmaceutical suite, located near the elevators, consists of storage, manufacturing, and dispensing areas arranged for efficient operation and supervision.

**First Floor**

The main entrance and north facade of lobby are protected by a cantilevered canopy. This and the other elements forming the one-story lobby structure give expression to the informal character of the design. The spacious lobby is abundantly fenestrated for natural light and sunshine. It will contain the information counter for central control of visitors, doctors' in-and-out-register and information directory. Information station is also conveniently located near the check room and switchboard room.
A sitting alcove is provided off the lobby for visitors' use and for consultation between patients' relatives and physicians. The gift shop, of the lobby, will merchandise, among other items, the articles made in the occupational therapy unit of this hospital.

Inscribed aluminum memorial plaques will be mounted, on the wood-paneled walls of the Hall of Life and Memorial Hall, in an orderly manner.

Each hall will contain a parchment leafed memorial book, set on a stand. Three (3) memorial windows at the east wall of the Memorial Hall will be of stained glass and be designed to illustrate, as their subject matter, advancements made in medicine.

The administrative quarters are situated on this floor of the "A" wing adjoining the main lobby, and will consist principally of offices and facilities for the executive, director, assistant director, board room, superintendent of nurses, assistant superintendent of nurses, physicians' and surgeons' offices. The medical staff lounge is located at the extreme east end of this wing adjoining the private entrance from the parking lot.

Medical library and medical records, and the medical stenographer also are located in this wing.

The emergency and admitting entrance is located strategically at the west side of the main lobby and at the first floor level. It is set back from the main lobby facade and screened by the projecting nursery structure above. The emergency suite, is comprised of two treatment rooms, nurses' utility work room and waiting room and will contain major equipment and facilities for emergency treatment and surgery.

The admitting department is located between main lobby and emergency unit and near the elevators in order to provide ready access to nursing units, obstetrical department, and surgical suite. The admitting department consists of a waiting room, two interview rooms, general office, and a chest X-ray room.

Purchasing and accounting offices, with cashier's windows facing main elevator lobby, also social service offices are located near admitting and main lobby.

The west end of the "B" wing contains living quarters for interns and members of the resident medical staff. These rooms can be converted into patients' rooms when an intern's residence is built.

The radiography department occupies the major portion of the first floor in the center wing. It is contiguous to elevators, patient's wing, and future out-patient department. The diagnostic section contains one 300 M.A. radiographic room, one 300 M.A. combination radiographic - fluoroscopic room, dressing rooms and toilets, developing and wet film viewing and drying room. The therapy section contains one deep therapy room, one superficial therapy room, control room, office and examination room, dressing rooms and toilet. A patients' recovery room, accommodating two beds, adjoins this suite. The special section contains one cystoscopy room and a fracture room. In addition to the above there is provided a general waiting room, one room for the secretary and files, director's office and toilet, and a separate viewing room.

The balance of the center wing is occupied by a dental suite (2 chairs) complete with laboratory and dark room, basal metabolism room, electrocardiography room, occupational therapy, and one integrated suite for hydrotherapy, electrotherapy and mechano-therapy. The hydrotherapy room contains such equipment as foot and arm baths, paraffin units, continuous flow bath, hemorrhoid and anal jet. Mechano-therapy contains equipment for physical exercise, a suspension sling, shoulder wheel, pulley weights, stall bars, etc. Electro-therapy is equipped for giving artificial light and heat treatments. Occupational therapy is equipped for accommodations in weaving, painting and other mechanical occupational work.

Second Floor

The second floor of the "A" wing is devoted exclusively to obstetrics. It contains three (3) delivery rooms, three (3) labor rooms, a preparation room, nurses work room, separate lounge, locker, toilet and shower facilities for obstetricians, house staff and nurses, linen and supply rooms, utility room, and nurses' and secretary's offices.

Two (2) delivery rooms are grouped in a pair with a combination scrub-up and substerilizing room located be-
between them. One of these delivery rooms is equipped for caesarian work. Generally, the delivery rooms and services for same are similar to those in the surgical suite. The third delivery suite complete with auxiliary service rooms and labor room is segregated from the others for septic cases.

The second floor of the "B" wing houses the maternity nursing unit (38 beds), offering private, semi-private and ward accommodations. As is typical of all nursing units in this hospital, the nurses station is located in center of nursing unit and is flanked by main utility room, doctor's charting room, linen and supply rooms, nurses' lounge, visitors' room, examination room, patients' toilets, showers, flower room, and isolation rooms. Patients' rooms generally have a southern exposure while the services areas face north. Inserted between each pair of four-bed wards is a small and compact sub-utility room containing a bed pan flusher, water closet enclosed with stall, counter, sink and cabinets. The location of the sub-utility room will aid materially in reducing cross corridor traffic and eliminate emptying of bed pans from ward patients into the flusher in the main utility room.

Separated from the nursing unit by a corridor is situated the main nursery suite. It consists of three (3) normal nurseries each housing ten (10) bassinets, incubation nursery for six (6) bassinets, a suspect nursery of six (6) bassinets, and an infectious nursery of six (6) bassinets. The bassinets in each nursery are further separated from each other by individual metal and clear wire glazed cubicles. An arrangement of dressing and examination rooms has been provided in conjunction with each nursery so that the doctor need not enter the nursery proper. Glazed vision panels in the corridor walls of nurseries provide for display of infants during visiting hours.

The central milk formula room is located across the corridor from the nurseries. It consists of two (2) principal rooms, one for bottle washing, and another for formula preparation. The former is totally segregated from the latter. The formula room will contain equipment for storage of ingredients, preparation, sterilization, filling and refrigeration, also desk, hand lavatory and clean gown lockers.

The laboratory occupies the entire second floor of the "C" wing. The layout provides for direct accessibility to the specimen collection room, clinical laboratory and blood bank at all hours without necessity for opening or adding the laboratory department after hours. Separate rooms are provided for clinical work, serology, bio-chemistry, bacteriology (including incubation and media rooms), pathology, two (2) research labs, one directors' lab and office, and one room for lab files and secretary. In addition, there is also a supply room, glass washing and sterilizing room, and a pathology museum with a separate preparation room off same. The museum is equipped to display actual specimens and also illuminate kodachrome films of specimens.

Each room is fully equipped for the work to be performed. Equipment is built of enamelled steel supports and cabinets, and acid resisting wood or soapstone work tops. Sinks are of ceramic ware and waste piping of duriron.

At the southeast end of the laboratories, in a segregated department, animal quarters are provided. In addition to cubicled areas, separating cages of the different animals, there are provided isolation rooms, operating rooms, small laboratory, feed room, utility room and a screened outdoor runway.

Third Floor

The surgical suite is located in the "A" wing of this floor and provides complete separation from the rest of the building. It contains six (6) operating rooms arranged in a pattern of two (2) operating rooms separated by a combination scrub-up area and sub-sterilizing room. Each sub-sterilizing room will have, in addition to the stainless steel work-counter and sink, a built-in solution warmer, high speed pressure steam autoclave, and provisions for one future washer instrument sterilizer.

With the exception of the urology and orthopedic rooms, the balance of the operating rooms are interchangeable and equipped for major and minor work. Operating tables are movable. Air, vacuum, and oxygen outlets are provided in each room. Each room is also equipped with a built-in instrument cabinet, shelving, two (2) X-ray film viewing boxes, ceiling mounted operating light, two (2) clocks, and ultra-violet sterilizing lamps. Double windows are provided to form the exterior fenestration. Floors are of Hubbellite conductive terrazzo with plastic division strips. Walls are of green color ceramic tile. Ceilings are plastered and painted. Operating rooms will be heated by radiant heating coils built into the exterior walls. Air conditioning will also be provided.

One operating room has an adjoining viewing gallery, separated by an apron wall and glass shield from operating room proper.

The following rooms complete the balance of operating suite:

Three (3) anaesthesia rooms, recovery room (five bed capacity), utility room, nurses' lounge, toilets and showers, nurses' office and supervisor's office, linen room, resuscitation apparatus room, portable X-ray machine closet, developing room, instrument room equipped with pressure and washer sterilizers, apparatus room and frozen section laboratory.

On the third floor of the "C" wing, which is contiguous with the surgical suite, in addition to the lecture room, lockers, showers, toilets and lounges for the visiting, resident and staff surgeons, there is located the central sterilizing and supply department. It contains...
sists of an unsterile supply storage room, receiving and clean-up room, solution room, clean work room, autoclaving and sterilizing room and sterile storage and issue room.

In the central sterilizing department will be processed and issued all sterilized materials for the hospital.

The third floor of the “B” wing consists of two nursing units, one assigned to pediatrics and the other to medical and surgical patients.

The pediatric unit of 14 bed capacity, is separated from the adjoining nursing unit and will contain its own nurses’ station, examination and treatment room, utility room, two isolation rooms, toilet and bathing facilities, linen and supply rooms, six bed-rooms (2 beds in each), milk room, and a play room. Wall between corridor and bedroom contains vision panels glazed with clear wire glass. Ceilings are generally acoustically treated.

The adjoining nursing unit (twenty beds in the same wing, will offer ward and semi-private accommodations, similar in arrangement to the nursing unit described for the second floor of the maternity wing.

Each pair of semi-private rooms has a common toilet room.

It is characteristic that each nurses’ station is centrally located within nursing unit, connected by an auxiliary corridor with nurses’ lounge, supply and linen rooms and examination and treatment room. A separate charting room for doctors adjoins the station and charts will be kept in revolving chart rack built onto the counter which is located between the station and chart room.

The visitors’ room and patients’ day room are located in close proximity and within view of station for ease of control.

Patients’ toilets, showers, and day room are also located near the nurses’ station.

Fourth Floor

The “B” wing contains a nursing unit (thirty-six beds) of ward and semi-private rooms.

In the center wing of this floor are located living quarters for heads of departments. In the future these rooms can be converted to a specialized nursing unit.

Fifth Floor

The “B” wing contains a nursing unit (thirty-six beds) of ward and semi-private rooms.

At the east end, near the elevators, there is located the patients’ solarium which leads out onto a promenade open roof deck over the center wing.

Sixth Floor

The “B” wing contains a nursing unit (thirty-six beds) of semi-private rooms.

At the east end, near the elevators, there is located the women’s volunteers quarters and the patients’ library.

Seventh Floor

The nursing unit (twenty beds) in the “B” wing on this floor contains accommodations consisting of private rooms, so arranged that each may be utilized efficiently, as a semi-private room during an emergency.

Pent House

The east end of the “B” wing at this level houses the elevator machinery and fan room equipment.

General

Finished materials forming the interiors were carefully selected to withstand the hard usage peculiar to a hospital. Floors and bases in non-wet areas, including patients’ rooms, nurseries, corridors, etc., are of asphalt tile, rubber or other resilient materials. Where subject to moisture, terrazzo or ceramic tile is used. Corridor walls are of glazed tile wainscots with plaster above. Generally, walls are of plaster and painted. Where greater degree of aspesis is required, ceramic wall tile is provided. Acoustical treatment is used generously to provide the quietude necessary in this type of building.

Doors are of wood and metal, glazed where necessary, and hung on hollow metal combination type frames, and provided with hardware conducive to quiet and easy operation.

Windows are double-hung aluminum, fully screened on the outside and shaded on the inside with window shades.

Glazing is either clear, obscure, single, double, depending on location and specific requirements of the various rooms.

With the exception of the boiler room and main lobby roof framing, which are of steel, the balance of the structure is of reinforced concrete skeleton construction, with exterior walls faced with face brick and backed up with hollow masonry units. Interior partitions are of hollow tile plastered or glazed tile. Sills and copings are of limestone with cast granite treatment about north elevation of lobby.

Roof decks are topped with poured insulation and covered with composition roofing, and sun decks are of precast metal tile. Metal flashings are of copper.

Roads and sidewalks are of concrete. Parking lot pavements are of bituminous materials.

The exterior design is a simple expression and reflection of the interior plan without any attempt at costly ornamentation or forced monumentality.

The hospital is heated, in general, with wall hung convectors and radiant heating panels in operating and delivery rooms.

Temperature and humidity control has been provided in the nurseries, operating and delivery rooms and animal quarters. Mechanical ventilation is provided in kitchens, toilets, corridors and other designated areas.

Fire protection consists of a standpipe system with fire hose in wall cabinets; automatic sprinklers in kitchen, laundry, pharmacy, shops and store rooms; fire pump and cross connection with city equipment and an automatic alarm and signal system tied in with the city fire department.

Other piping systems include sanitary and storm water drainage connected to city sewers; cold water supply from city main; hot water distribution system and distribution system from a public utility main; compressed air distribution system; oxygen from a central outdoor tank farm with distribution system to all patients’ rooms, nurseries, operating and delivery rooms.

Electrical installations consist of primary electric service at 4600 volts from two separate public utility services with automatic emergency throw-over; secondary service through 4800 to 120/208 volt transformers with distribution switchgear; fluorescent lighting in work areas and offices and incandescent lighting in other areas.

Transportation and communication systems consist of three initial and one future high speed, self-leveling, dual control hospital type elevators; electrically operated dumb-waiter, also conveyor and trayveyor from main kitchen to all pantries in nursing units; soiled linen chutes; voice inter-communicating system for all food preparation and service; laundry (automatic washers and unloaders); incinerator; sterilizers high pressure steam, automatic controls; laboratory and other built-in hospital type cabinets, sinks and shelving.
INTERNATIONAL HEADQUARTERS

BROTHERHOOD OF MAINTENANCE OF WAY EMPLOYEES

HIGHLAND PARK, MICHIGAN
President’s office on northeast corner of second floor. Paneling is of walnut; marble stools and base are verde antique; plaster ceiling with flush fluorescent lighting fixtures.

Handsomely modern in appearance, this new office building was recently erected in Highland Park, Michigan, to house the International Headquarters of the Brotherhood of Maintenance of Way Employes. Designed by Albert Kahn Associated Architects and Engineers, the building is a two-story and basement structure with provision for the addition of a third floor when required.

Of reinforced concrete construction with reinforced concrete floor and roof slabs supported on a system of precast concrete joists, the building is approximately 114 feet by 98 feet in area. The main exterior elevations above grade are faced with limestone. Face brick to harmonize with the stone work was used on the rear elevation. Planting areas, trim at entrance, and the front entrance steps are of dark red granite.

The double-hung windows and frames and the entrance doors and frames are of aluminum. Use was made of this material in the main canopy facia as well. Interior partitions are plaster on masonry in most work areas with glass and metal used for some office partitions and the low dividing partitions in the clerks’ office. Glazed hollow tile or ceramic wall tile was used in the janitors’ closets and all toilet areas.

Floors in the office areas are gener-
ally of asphalt tile with ceilings of metal pan acoustic tile. Marble was used for window stools throughout the building.

In the lobby and main stairway use was made of travertine, walnut paneling, rubber tile floor and aluminum trim and stair rails. The president's office, also the board room and the office of the secretary-treasurer are paneled in walnut with marble window stools and base.

Ample lighting is provided throughout by means of fluorescent fixtures of either flush or hanging types.

Located at the rear of the building is a paved area for parking purposes.

The grounds are completely landscaped. During the summer months, the building is completely ventilated and air conditioned and this system, in conjunction with convector radiators around the outside wall, heats the building during the winter cycle.

Steam is provided by means of two gas-fired package type boilers operating at 10 P.S.I. The blast coils of the ventilating system are supplied with steam at boiler pressure while the radiation is supplied with steam at varying pressures through a pressure reducing station which is controlled by an outside thermostat working in conjunction with a high vacuum pump.

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NEW FOUR-IN-ONE ENGINEERING BUILDING FOR THE PONTIAC MOTOR DIVISION OF THE

Every conceivable facility for an automotive laboratory was incorporated in the design of this structure in

This unusual structure, designed by Albert Kahn Associated Architects and Engineers, is in reality a consolidation of four buildings, each serving the individual requirements of various departments of Pontiac Motors' Engineering Division, with adequate provision for all necessary related functions.

Located at the northwest corner of Joslyn and Madison Avenues in Pontiac, Michigan, the building is as far removed from existing foundry operations as the site would permit. In order to take advantage of this location, it was necessary to limit the building area to approximately 245,000 sq. ft. Despite space limitations, however, it was possible to provide a 100-foot landscaping area along the Joslyn Avenue frontage.

Principal dimensions of the building are 320 feet by 406 feet, with portions of the basement and the second floors designed to accommodate facilities required by all four engineering divisions housed in the building and to serve as a means of communications between these departments.

Construction in the two-story portions consists of steel framing, reinforced concrete floor slabs, cement tile roof deck with cork insulation, masonry fire walls at strategic locations, movable metal partitions for general offices etc. Column bays are 60 and 70 feet long by 40 feet wide which provides great flexibility in future rearrangement of rooms, areas, equipment, etc. Rigid steel bent frames have been employed over the first story for support of the second floor. This construction permitted considerable reduction in the story height and added visual interest as well. In the one-story portions, steel trusses were used for economy and convenience.
The exterior of the building is a handsome composition of red brick with limestone trim. The steel sash has been proportioned to provide proper fenestration, express the interior functions, and yet maintain desirable uniformity of character. This was accomplished despite the many problems presented by the diversity of usages planned for the structure.

The office and auditorium sections are located in the front of the building facing Joslyn Avenue. The shop and testing areas are to the rear or west part of the building.

Office Section
This section is two stories in height with partial basement. The first floor contains the main entrance lobby, offices for advanced design, engineering and secretarial personnel, executive offices, conference rooms, etc.

GENERAL MOTORS CORPORATION

a 700-seat auditorium with stage

The second floor is devoted to development and product engineering, which consists chiefly of large drafting facilities, specification preparation rooms, reproduction rooms, vaults, and storage areas. The drafting room is 180 feet long, oriented so that north light penetrates the full 60-foot width.

The reproduction areas have facilities for process printing and blueprinting, photostatic copying, fireproof vault for storage of valuable original drawings, prints, documents, records, etc. Considerable storage space has been provided also for blueprints and other semi-valuable data.

Of considerable importance in this area, is the special display room, the principal function of which is to provide space for private viewing of advanced models and designs of everything from a carburetor to a complete car. The design of this room minimizes shadows and reflections from light sources by means of an arched ceiling and continuous indirect lighting coves around the entire room. The ceiling is of acoustic plaster. A ten-ton elevator, large enough to accommodate a full car, serves the basement, first and second floors.

The office finish, in general, consists of asphalt tile floor, flush metal and glass partitions which are movable, and removable metal pan acoustic ceilings with flush type fluorescent lighting fixtures.

The entire section is air-conditioned.

Advanced Experimental Section
The second portion contains facilities for the development and fabrication of experimental and/or pilot models of parts, engines, bodies, etc., up to and including a complete car. To accomplish this involved providing complete shops for woodworking and patternmaking, sheet metal work, machining, heat treating, plating, etc.

Adequate facilities have been provided for receiving, storing and handling of materials by means of truck wells and docks, storage areas and large aisles to shops. The center driveway, for example, is 22 feet wide. Complete and modern facilities are provided for car storage, repair, maintenance and even testing after road and proving ground runs. A special exhaust system eliminates all monoxide fumes while engines are running.

Other facilities located in this area are laboratories for handling chemicals, paint, rubber, plastics, etc., photo studio, and a copperwalled radio screen room where radios can be tested in complete isolation from outside signals. Many other services for research and testing are provided in this area. Also included are dining rooms and cafeteria facilities.
Dynamometer Section

This section contains varied dynamometer cells for testing engines, chassis, axles, etc. Also included is a cold room capable of enclosing and testing an automobile and engine simultaneously at extremely low temperatures and under unusual wind conditions. The height of this room even permits raising of a convertible top if desired. The insulation is reflective aluminum designed to maintain a temperature of forty degrees below zero. Under test, this insulation has demonstrated its ability to hold temperatures considerably lower than 40 below. Other test facilities include carburetor flow laboratory, ignition test, noise test, bench test, etc. The complex mechanical and electrical services required run in a basement corridor and are brought into the cells and test areas in concealed trenches.

Auditorium and Public Display Section

This section, devoted largely to public relations, contains auditorium and car display areas located on the second floor.

The auditorium has a capacity of 700 people and is equipped with upholstered seats, motion picture projector and screen, and a turntable for display of complete cars. Curved ceilings, with removable metal acoustic panels above indirect lighting coves, add to the handsome appearance of the room. The stage is 44 feet wide and can accommodate three cars simultaneously, one of which can be rotated on the turntable. The complete lighting facilities include disappearing type footlights, dimmer controls, etc. The projection booth is fully equipped for 16 mm and 35 mm film, slides, and spotlighting.

Adjoining the auditorium is a car display room 109 feet long and 67 feet wide. In this area new car models which have been kept "under wraps" in the special display room are shown for the first time to selected audiences of distributors, dealers and others prior to presentation of models to the public. This area is also used on occasion for banquet purposes.

Access to these facilities is made by way of a special entrance lobby with double stairs to a second floor foyer. The main road from Joslyn Avenue passes through a large opening below the second floor foyer, providing a covered entrance to this section. The exterior treatment of this section, which serves as a connecting link between office and auditorium areas, is designed to harmonize with the treatment of the auditorium.

Ventilating

The shop areas are completely ventilated, with the central supply and exhaust systems located in two fan rooms on the roof. For flexible operation of the plant during shut-off periods, each shop area, the machine shop, sheet metal shop and garage, is served by a separate system. The systems are composed of automatic oil filters and heating coils and are designed to provide the shops with any desired percentage of outside air. The supply systems are used also to supplement the heating.

Each dynamometer room is provided with a separate supply system composed of filters and heating coils and an exhaust unit. These systems are controlled from a desk by an operator.

The carburetor flow laboratory where carburetion tests are run is maintained at constant temperatures to give a constant weight air for testing purposes. Direct expansion cooling coils and a refrigeration compressor provide the necessary cooling. After each operation, the air in the room is purged by a separate exhaust fan to remove the accumulated gasoline fumes.

The cold room was designed to simulate conditions of —40°F and 30 mile winds. The refrigeration and fan equip-
ment was selected so that varied degrees of temperature and wind velocities may be attained.

Three separate areas, the drafting room, offices and auditorium and car display area are completely ventilated and air conditioned. The cooling is accomplished by chilled water which is pumped to the three individual systems. A 450-ton centrifugal refrigeration compressor, located in the basement, chills the water to the required temperatures.

The three supply systems are composed of automatic oil type filters, water cooling coils and zone heating coils. The cooling coils cool the air to a predetermined dew point temperature and, if required, the zone coils back-heat the air to the desired dry bulb room temperature.

The air distribution system is different in the various areas due to the difference in construction. The large drafting room, having a separate supply and exhaust system, is supplied with conditioned air through ceiling diffusers. The two floors of offices have side-wall supply registers, and the air is recirculated through ceiling registers in the corridor. The systems for the offices are zoned for the first and second floors and east and west sides of the building. In the auditorium, where the ceiling is coved for proper lighting distribution, a grilled narrow slot in the cove is provided to supply conditioned air. This method of introducing the air conditioning contributes to the handsome appearance of the room by keeping the ceiling free of registers or diffusers.

**Heating**

The building is heated by two separate systems, one for the shop area where benches are required and one for the offices and auditorium areas. These two heating systems are of the forced hot water type with the steam hot water generators and pumps located in the fan room on the roof. The remainder of the shop area, garage, large doors and storage rooms are heated by overhead unit heaters of the type best suited for the location served.

Steam enters the building from the main factory area through a tunnel and is reduced in pressure from 150 lbs. to 60 lbs. at the tunnel entrance. This 60 lb. main supplies all the unit heaters, domestic water heaters and process requirements throughout the building, and also supplies the fan room equipment through pressure reducing stations from 60 lbs. to 5 lbs. The condensate from all sources returns by gravity to a duplex condensate pump and receiver unit in the basement machine room. From this point it is pumped back to the main grid system in the main plant.

The type of radiation used in the shop area is wall fin with covers and in the office section convectors installed in recesses provided by the general contractor.

The water temperature on each system is controlled by means of a Minneapolis Honeywell compensated hot water control, with an outside bulb and a bulb located in the hot water supply main. These bulbs work in conjunction to maintain the proper water temperature required to keep the room at a predetermined temperature.

Special provisions were made for the heating of the large auditorium foyer. Two Trane climate changers were installed under the rake of the stairs with inlet and outlet grilles facing the large doors. These units are controlled bystats in the return air duct.
VISITS CUBA

A. Arnold Agree, associate member of the Detroit Chapter of The American Institute of Architects, visiting in Havana, Cuba, went through the recent bloodless revolution—mostly in a taxi-cab.

In spite of the excitement, Agree writes that he was able to see some architecture of interest. Architecturally, he says, Havana is a curious mixture—Spanish colonial buildings, some dating back to the 16th Century, forming the predominant style up to the 1930's. Contemporary design is now flourishing, he states, and seems to be more influenced by Le Corbusier and Oscar Niemeyer than by U. S. technology.

"Cuban architects have adopted a beautifully free and airy interpretation of contemporary architecture," Agree continues, "and it is well suited to the climate.

"Since the income tax is not a decisive consideration, they plan for commodious pleasure rather than for utilitarian economy. Their results are very attractive esthetically but leave an American architect with the feeling that 'I wish I could spend my client's money so freely and disregard building codes and climatic restrictions.'

"Structures generally are of reinforced concrete, since all steel is imported and costly. Cuban designers are partial to wide cantilevered slabs to permit continuous glazing and generous overhangs. Both vertical and horizontal louvers are used against the tropical sun. Walls are stuccoed masonry, painted garish colors, and without much ornamentation. Ornamental window guards and exotic planting give considerable charm to the rather crisp facade.

"Previous visitors to Havana will recall a popular outdoor nightclub called the Tropicana. Its enclosed air conditioned area has just been completed, and is really spectacular. It is profusely planted and lighted in a dramatic manner. At the entrance a large tree is enclosed with the top branches extending through the concrete shell. The effect is very much that of being out of doors yet sheltered from tropical showers and heat.

"The new U.S. Embassy office building is nearing completion on a prominent site in suburban Havana. With a strong north wind, the ocean breaks over the sea wall and 'waters' the lawn.

"Since there is considerable private capital and no NPA restrictions, the building volume is great. The most distinctive features of all the projects are the billboards which proclaim in four-foot letters the name of the 'Arquitecto.'"

S. EUGENE OSGOOD

S. Eugene Osgood, A.I.A., distinguished architect of Grand Rapids, who had practiced there for a half century, died in Grand Rapids on May 3. He was 72 years of age.

Born in Grand Rapids, April 11, 1880, he received his early education there, then attended Cornell University. He entered practice with his father, Sidney J. Osgood, a fellow of The American Institute of Architects, in 1904. He had at one time worked for Harvey Wiley Corbett, of New York City.

He became registered when Michigan's first registration act went into effect in 1915, being issued certificate No. 3. He served as secretary of the first registration board from 1915 to 1920.

The Osgood firm had specialized in Masonic buildings and had designed many throughout the country. Eugene Osgood was consultant on the George Washington Masonic Memorial at Alexandria, Va.

Mr. Osgood had just been made a member emeritus of The American Institute of Architects.

The family home is at 200 Youell Ave., S.E., Grand Rapids. Surviving, besides his wife, Florence B. Osgood, is a daughter, Mrs. Russell Woodburne, of Ann Arbor; three grand children and a sister, Mrs. William Corl, of Grand Rapids.

WILLIAM F. SEELEY

William F. Seeley, vice-president of the Western Waterproofing Co., of Detroit, died on May 5, at the age of 67.

He passed away at his home, 516 Manistique Ave., in Detroit, after a brief illness.

A native Detroiter, he had a long and distinguished career in the building industry, and numbered among his friends many architects and others in the field. For many years he had been chairman of the Architects-Builders' & Traders' Exchange Golf Committee, and did an outstanding job.

Bill Seeley was active in Masonic Circles, was a member of the Noontide Club, Lakeshore Country Club, a past president of the Builders' and Traders' Exchange.

He is survived by a daughter, Mrs. George H. Armstrong; two sons, William A. and Harry F.; two sisters and a brother.
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