

bulletin, michigan society of architects • march 30c

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National
Architect*



COPPER TODAY MEANS ELECTRICITY— WITHOUT IT LIGHT AND POWER WOULD BE IMPOSSIBLE

BUT—more than six thousand years ago, copper meant to mankind the beginning of metallurgy; it was the first step on the road to modern technology. This advance took place in the Near East. The first knowledge was won from surface finds of native copper. But real copper production which made Bronze tools (alloy of 90% copper, 10% tin) possible could start only through mining it.

During World War I, we gathered complete information on how prehistoric mines were operated during the Bronze Age three to four thousand years ago. The old copper areas in the Austrian Alps near Salzburg were then reopened and modern galleries cut through old prehistoric mines. We know from this that the old miners had to remove 26,000 tons of rock in order to get 780 tons of copper ore, but we learned from the waste left in processing that actually only 328 tons of copper ingots were extracted from this amount and it took about 78 years to produce these. This means that the annual production of such a mine was about 480 kg. of copper.

The process was so terribly slow because the "blasting" agents were fire and water. The rock was cracked by "firesetting." When the rock was made very hot from fire it was chilled

with water. Bronze picks were used to break loose the brittle stone, wooden wedges helped to widen cracks. One "fire setting" netted about 1 ton of rock. This activity is shown in our central scene and around it one can see the varying tools used: the sled-like trough for ore transport, the haversack-like leather bags used to bring it up the slanting shaft with the man holding on to a rope being wound up—the first beginning of rope hauling.

Some timbering is shown as found in the mines to prevent caving in. Notice how the step ladder is a simple tree trunk. Trough-like water swings were used to pour the water against the hot rock. Such mines reached down to a depth of about 900 feet.

If we assume that all over Prehistoric Europe 1000 mines were in operation at the same time, then the annual production would have amounted to 420 tons a year for a population of maybe 3,500,000. That then was the whole supply available to make bronze tools and weapons. How little! Today the U. S. A. alone produces nearly 1,400,000 tons of copper. Nothing can illustrate more strikingly what enormous strides we have made since prehistory in industrial progress of which Detroit's leadership means so much.

C. Allen Harlan

* This is the third of a series of paintings entitled "Adventures in Time," prepared in full color by Dr. George Lechler, Wayne University scientist, and Marvin Beerbohm, painter, for the Harlan Electric Company.

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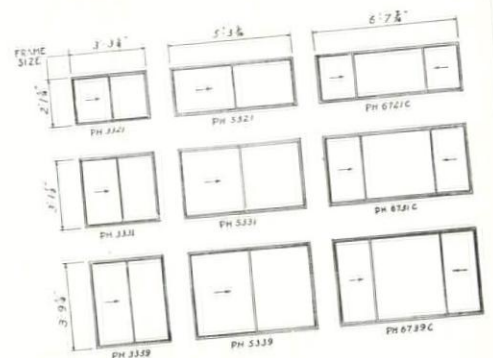
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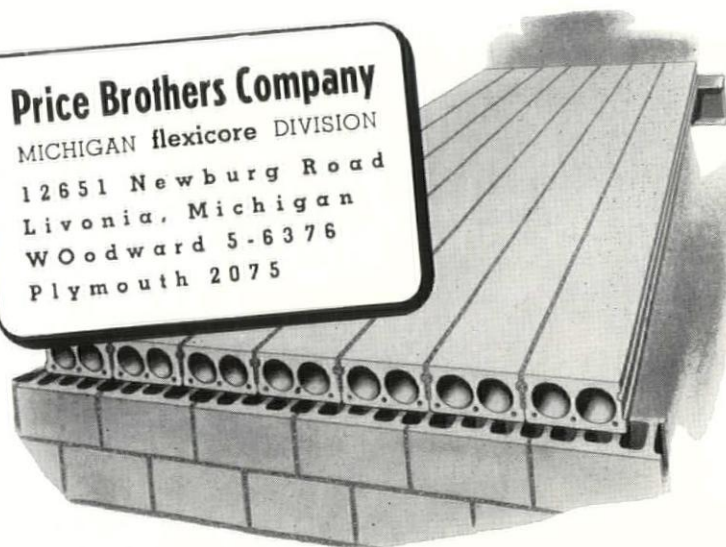
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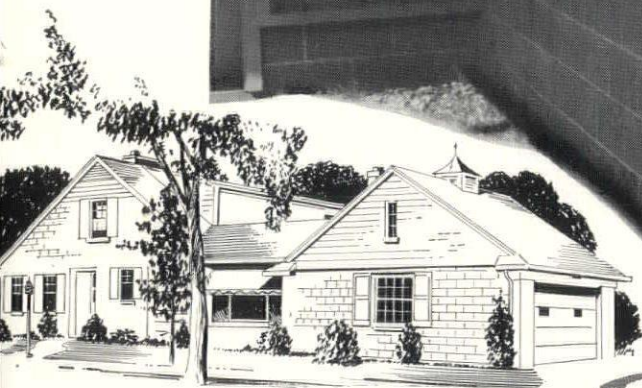
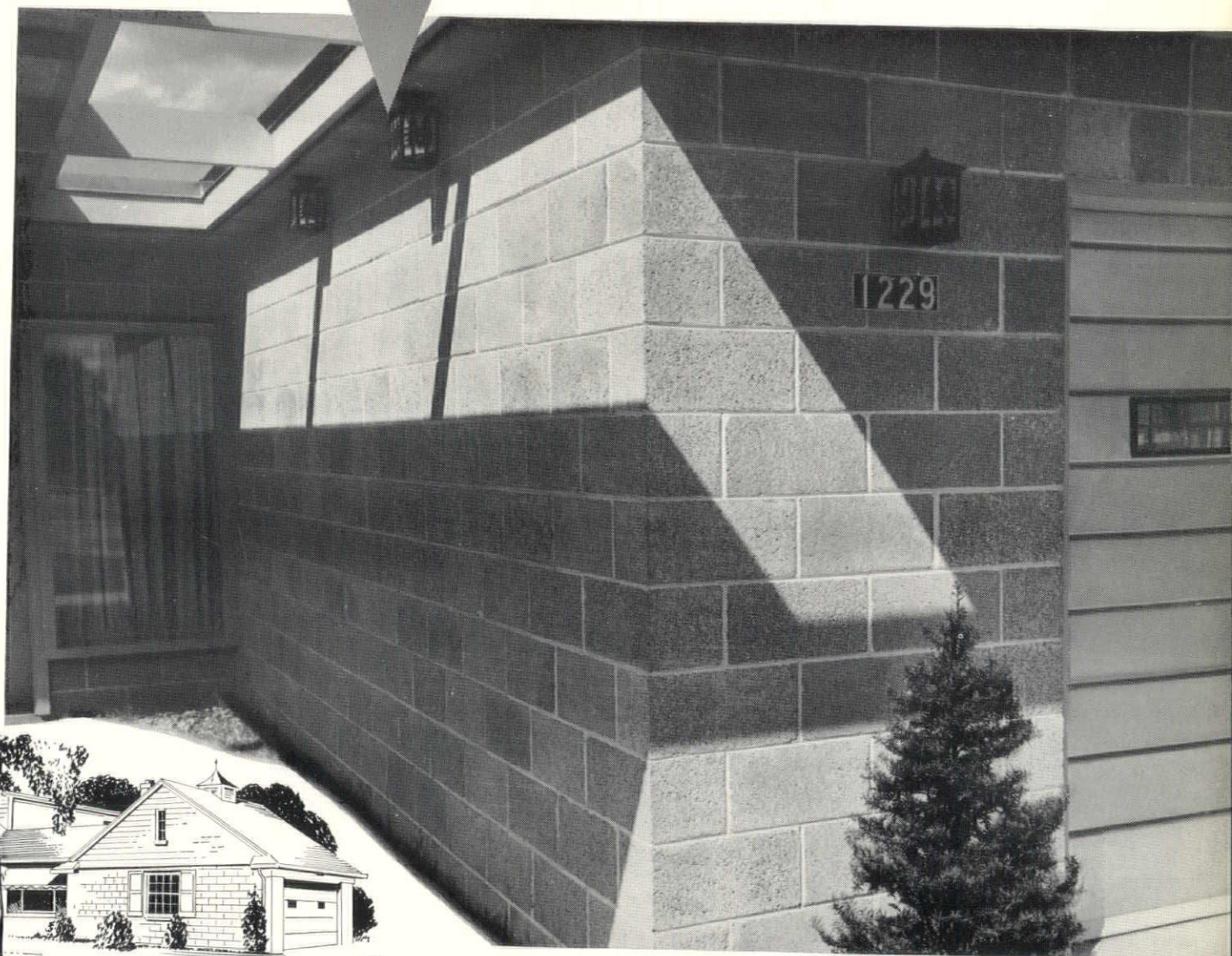
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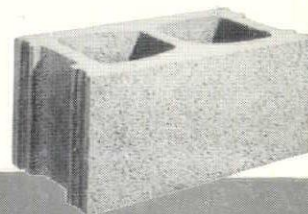
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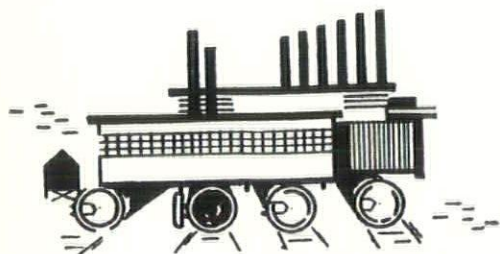
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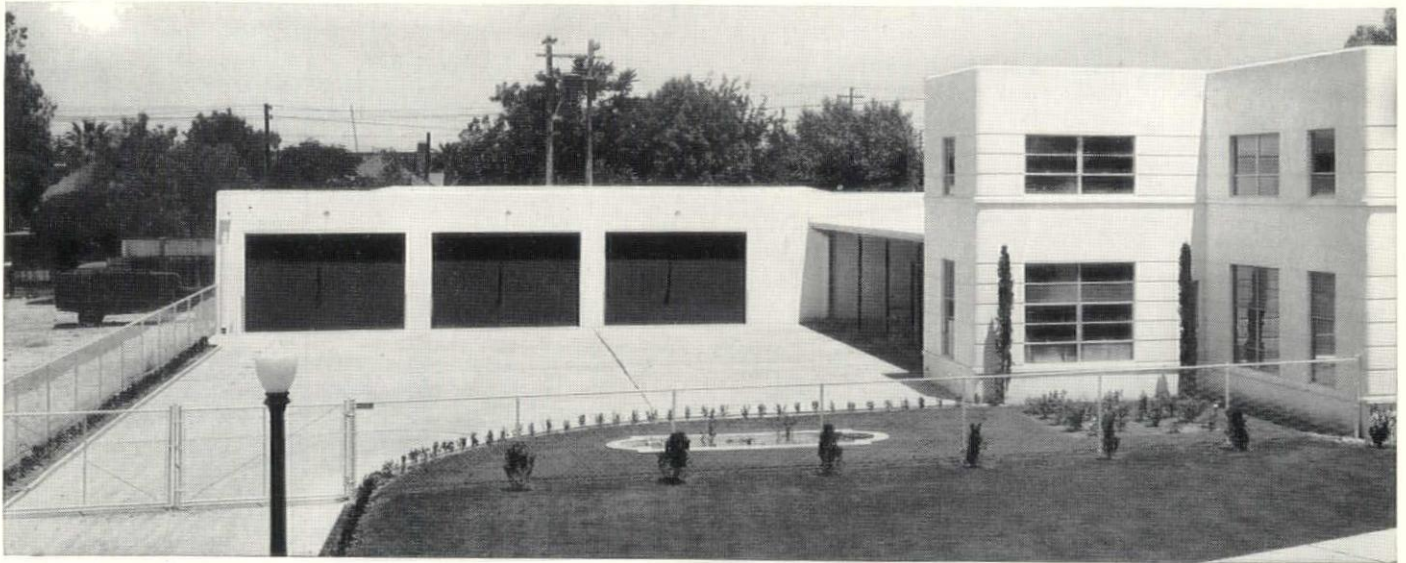
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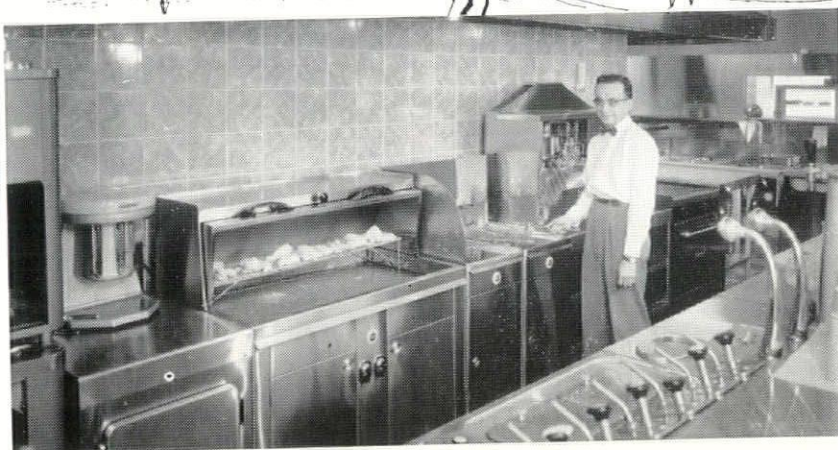
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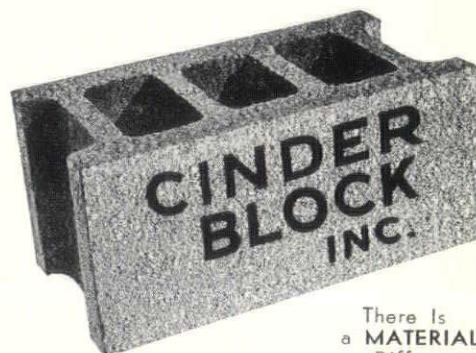
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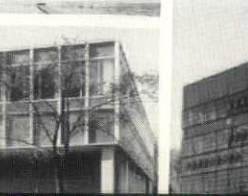
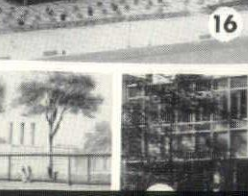
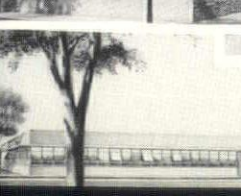
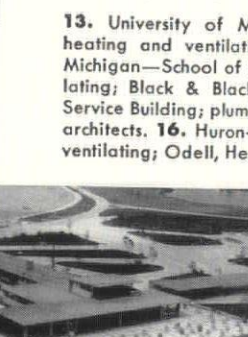
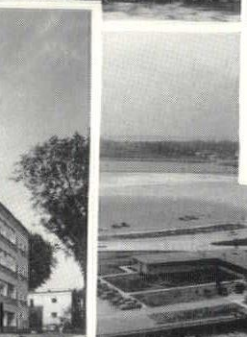
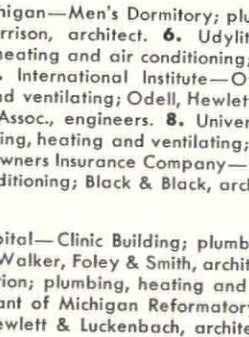
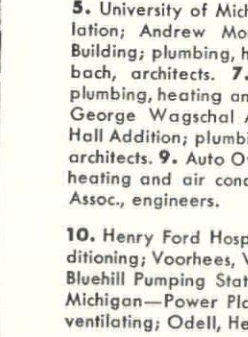
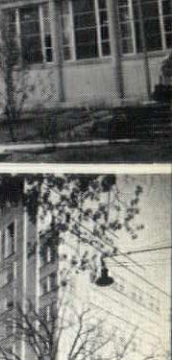
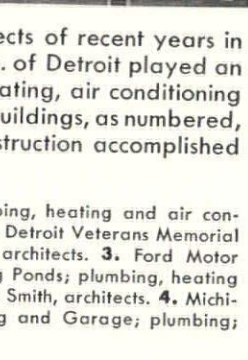
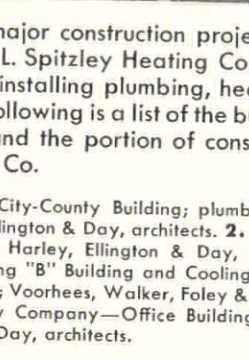
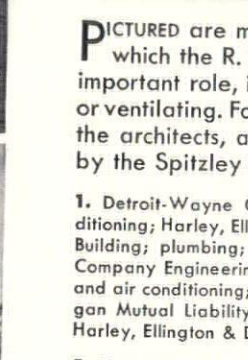
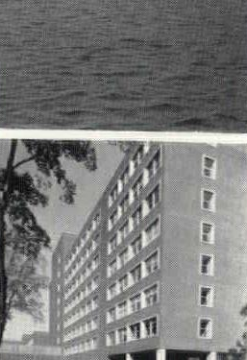
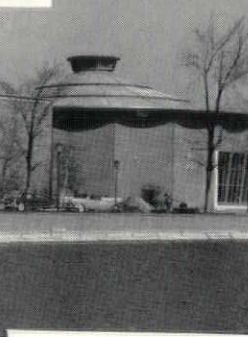
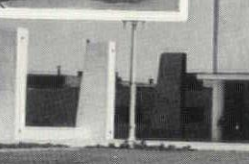
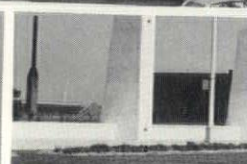
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such work as our descendants will thank us for, and let us think, as
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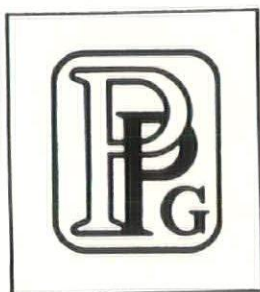
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5. University of Michigan—Men's Dormitory; plumbing, heating and ventilation; Andrew Morrison, architect. **6.** Udylyte Corporation—Research Building; plumbing, heating and air conditioning; Odell, Hewlett & Luckenbach, architects. **7.** International Institute—Offices and Meeting Halls; plumbing, heating and ventilating; Odell, Hewlett & Luckenbach, architects; George Wagschal Assoc., engineers. **8.** University of Michigan—Angell Hall Addition; plumbing, heating and ventilating; Smith, Hinchman & Grylls, architects. **9.** Auto Owners Insurance Company—Office Building; plumbing, heating and air conditioning; Black & Black, architects; George Wagschal Assoc., engineers.

10. Henry Ford Hospital—Clinic Building; plumbing, heating and air conditioning; Voorhees, Walker, Foley & Smith, architects. **11.** City of Detroit—Bluehill Pumping Station; plumbing, heating and ventilating. **12.** State of Michigan—Power Plant of Michigan Reformatory; plumbing, heating and ventilating; Odell, Hewlett & Luckenbach, architects; E. R. Little, engineer.

13. University of Michigan—Engineering Building Addition; plumbing, heating and ventilating; Giffels & Vallet, architects. **14.** University of Michigan—School of Business Administration; plumbing, heating and ventilating; Black & Black, architects. **15.** University of Michigan—General Service Building; plumbing, heating and ventilating; Harley, Ellington & Day, architects. **16.** Huron-Clinton Metropolitan Beach; plumbing, heating and ventilating; Odell, Hewlett & Luckenbach, architects; E. R. Little, engineer.



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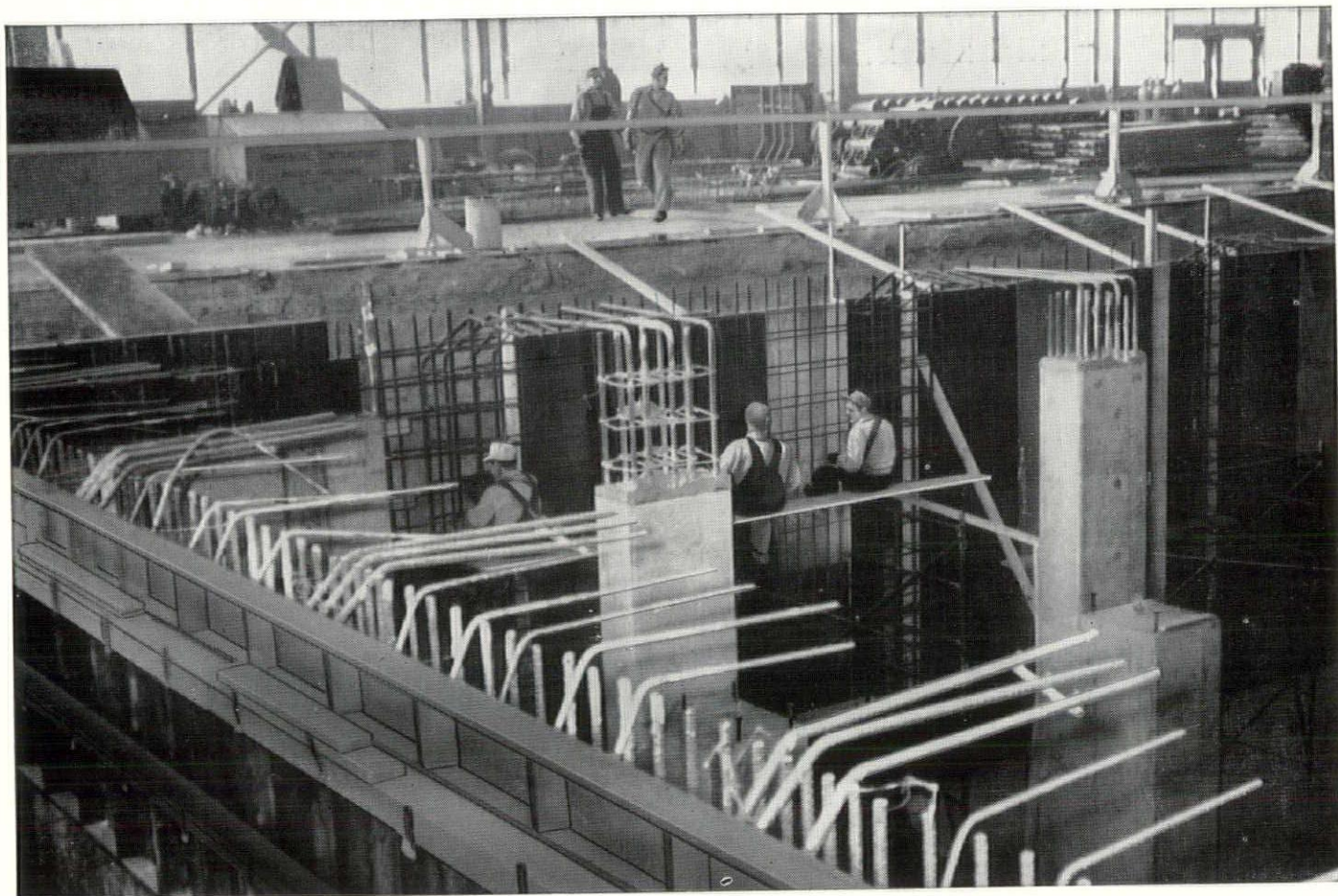
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art of the architect

From "The Architecture of Leon Batista Alberti," 1450, translated into English by James Leoni, 1955.

Him I call an architect who, by a sure and wonderful art and method, is able, both with thought and invention, to devise and, with execution, to complete all those works, which, by means of the movement of great weights and the conjunction and amassment of bodies, can, with the greatest beauty, be adapted to the uses of mankind; and to be able to do this, he must have a thorough insight into the noblest and most curious sciences . . .

If what we have here laid down appears to be true, we may conclude beauty to be such a consent and agreement of the parts of a whole in which it is found, as to number, finishing, and collocation as congruity—that is to say, the principal law of nature—requires. This is what architecture chiefly aims at, and by this she obtains her beauty, dignity, and value. The ancients, knowing from the nature of

things that the matter was in fact as I have stated it and being convinced that if they neglected this main point they should never produce anything great or commendable, did in their works purpose to themselves chiefly the imitation of nature, as the greatest artist at all manner of compositions; and for this purpose they laboured, as far as the industry of man could reach, to discover the laws upon which she herself acted, in order to transfer them to the business of architecture . . . Thus from an imitation of nature they invented three manners of adorning a building and gave them names drawn from their first inventors. One was better contrived for strength and duration; this they called Doric; another was more tapered and beautiful; this they named Corinthian; another was a kind of medium composed from the other two, and this they called Ionic.

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coming issues

APRIL—ANNUAL M.S.A. ROSTER (Alphabetical)

MAY—SAGINAW VALLEY A.I.A.

JUNE—WESTERN MICH., A.I.A.

JULY—ROGER ALLEN & ASSOCIATES

AUGUST—11th Annual Mackinac Mid-summer Conference

SEPTEMBER—CORNELIUS L. T. GABLER

OCTOBER—DETROIT CHAPTER, A.I.A.

NOVEMBER—ANNUAL M.S.A. ROSTER (Geographical)

DECEMBER—CLAIR W. DITCHY

JANUARY, 1955—GEORGE D. MASON & CO.

FEBRUARY—SUREN PILAFIAN

MARCH—41st ANNUAL M.S.A. CONVENTION—VICTOR GRUEN

monthly bulletin, michigan society of architects, volume 28, no. 3

MONTHLY BULLETIN

Michigan Society of Architects
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40th Annual Convention, Hotel Statler, Detroit, March 10-12, 1954—Lyall H. Askew, Chairman.

Building Industry Banquet—Lyall H. Askew, Chairman; John O. Blair, Talmage C. Hughes.

11th Annual Midsummer Conference, Grand Hotel, Mackinac Island, Aug. 5-7, 1954—H. Chase Black, Jr., Chairman.

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School Building Conference—Elmer J. Manson, Chairman; Carl C. F. Kressbach, Wilmar F. Nuechterlein, Walter B. Sanders, Peter Tarpata.

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including national architect

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Architects Leinweber, Yamasaki & Hellmuth, of Detroit and St. Louis, Mo., are featured in the December issue of Progressive Architecture, national architectural magazine, as part of a cover story on low-cost housing. The editors devote four pages of illustration and text to their presentation of the 19 buildings in the 94-unit Benton Harbor apartment project.

The article states that the architects have achieved an unusually successful plan which takes maximum advantage of the available space and provides roomy, open living areas, with units placed on the irregular, L-shaped site in an informal pattern, and it adds:

"Some are in rows, others are grouped around courts. The architects have avoided monotony by putting the units that constitute the blocks in a staggered arrangement."

The editors particularly note the architects' planning which leaves the lawn sides entirely free of encumbrances, with laundry-drying yards and sunken garbage receptacles for each pair of units concealed behind cedar-stake fences.

Particularly praised is the open planning with only a screen of expanded metal setting off the kitchen from the remainder of the space, and the article concludes that, while freedom was the keynote, the architects have provided the Benton Harbor tenants with a surprising degree of privacy, livability and some of the spaciousness not usually found in housing projects.

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architects should participate in city planning

Says John Root, F.A.I.A., Chairman of Committee on Public Relations, A.I.A.

John Welborn Root, F.A.I.A., famous Chicago third-generation architect, Chairman of The American Institute of Architects' Committee on Public Relations, at a meeting of his Committee in San Francisco recently, said that cities would be better off if architects would take part in city planning.

For example:

"In Chicago the A.I.A. Chapter has furnished teams of young architects who give their time free in making studies for a Civic Center—we don't have one, so we are free to suggest where it should be located. Our City's program of conservation, rehabilitation and renewal of housing is backed by proposed federal legislation. There is, for instance, a neighborhood west of the Loop and north of the river where the buildings are 30 or 40 years old, and it has 37 nationalities.

"There was a citizens' committee formed on which there was an architect as technical advisor. He served without compensation. They set up a central bureau through which any one who wanted to remodel his building could get estimates of cost and find out if he needed an architect, and how he could finance the work.

"Since the old buildings are still sound and the area is not a slum, this would seem to me to be real conservation. There are vast areas of this kind in most every city. A new Illinois redevelopment law permits a neighborhood to decide if it wants rehabilitation, and, with 60 per cent of the owners approving, to develop a scheme in conjunction with the citywide redevelopment agency and the City Plan Commission.

"If they get the approval, they will wreck the buildings that are beyond repair, and then they will rehabilitate and bring up to standard the buildings that remain. The next phase is redevelopment, the complete clearing out of substantial areas of slums and rebuilding them.

"Our Land Clearance Commission, under State law, can condemn property and resell it at reduced prices to redevelopers. Under this program, the New York Life Insurance Company is building 2000 housing units."

Mr. Root's firm, now Holabird & Root & Burgee, has been responsible for such famous buildings as Washington's Statler Hotel, North Dakota State Capitol, Scito Ordinance Plant in Marion, Ohio, and the Daily News Building in Chicago.

architects in the news

arkansas

JOHN A. RAUCH is the new president of the Arkansas Chapter, A.I.A.; Ralph O. Mott is vice-president; K. E. N. Cole, Jr., secretary; Guy W. Swaim, treasurer, and Paul Young, Jr., director.

california

RICHARD J. NEUTRA, F.A.I.A., has deeded his literary and graphic estate, and suitable funds to utilize the material, to the University of California at Los Angeles. The estate consists of thousands of studies, drawings, sketches, manuscripts,

photographs, plans and models. Mr. Neutra's new book, "Survival Through Design" was the subject of a cover story in the February 20 issue of Saturday Review.

CONSTRUCTION SPECIFICATION INSTITUTE has chartered a Southern California Chapter. Officers are Norman Hunter, A.I.A., president; Roger Lillicrop, vice-president; Albert E. Barnes, secretary-treasurer. This is the sixth chapter of the organization, indorsed by The A.I.A. and the Producers' Council, with headquarters in Washington, D. C.

PEREIRA & LUCKMAN, Los Angeles architects and engineers, announce the addition of three new staff members: Oliver

G. Johnson, as planner of industrial installations; Courtney Matthews, chief of electronics, and Charles B. Worthley, coordinator of engineering.

ULYSSES FLOYD RIBLE is new president of the Southern California Chapter, A.I.A.; serving with him are Kemper Nomland, vice-president; Francis O. Merchant, secretary; William Woollett, treasurer; S. Kenneth Johnson, Herman Charles Light, C. M. Deasy and Henry L. Wright, directors.

Clair W. Ditchy, F.A.I.A., president of The A.I.A., installed the new officers. Southern California Chapter is the Institute's third largest.

(Continued on Page 21)

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news

L. A. STORRS has been elected president of the Santa Barbara Chapter, A.I.A.; Jack R. Lewis, president of the San Diego Chapter, and John P. Miller, president of the San Joaquin Valley Chapter.

colorado

CASPER HEGNER now heads the Colorado Chapter, A.I.A. He succeeds James M. Hunter. Others elected: George Gordon Sweet, vice-president; Norton Polivnick, secretary; Richard B. Williams, treasurer; Hunter and Victor Hornbein, directors.

connecticut

WILLIAM B. TABLER, A.I.A., of New York, staff architect for Hotels Statler Company, is now supervising construction of the Hartford, Connecticut Statler, which he designed. The building has metal-glass facing, with insulation, instead of masonry enclosing walls.

district of columbia

CLAIR W. DITCHY, F.A.I.A., president of The American Institute of Architects, announces that the theme of The Institute's 86th annual convention at Hotel Statler in Boston, June 15-19 will be "Forces That Shape Architecture." The theme will afford an opportunity to assess those forces which have so radically changed the profession in the past 50 years, Mr. Ditchy said. In addition to the regular features, visitors will take advantage of the Boston scene with a special Pops Concert by the Boston Symphony.

Convention chairman Philip Creer, of Providence, R. I., is being assisted by James Lawrence, Jr., of Boston, president of the Massachusetts State Association of Architects, and chairman of the host Chapter Convention Committee. Arthur B. Holmes of the A.I.A. staff is Convention Manager.

EDMUND R. PURVES, F.A.I.A., executive director of The A.I.A., has been named to the Advisory Committee of National Housing Leaders, established by T. O. Hollyday, FHA Commissioner.

florida

MELLEN C. GREELEY, F.A.I.A., of Jacksonville, has been named supervising architect for the Duval (Fla.) school system, to direct the system's extensive building program and to coordinate operations of the maintenance and construction departments. Mr. Greeley has served as president of his Chapter, and for the past quarter of a century he has been secretary-treasurer of the Florida State Board of Architecture.

ROBERT MAYBIN, of Tallahassee, has been elected president of the North Central Florida Chapter, A.I.A.

EDWIN T. REEDER has succeeded Frank

Shuflin as president of the Florida South Chapter, A.I.A.

NORMAN M. GILLER, A.I.A., of Miami Beach, is writing a book on motels. South Florida has taken the lead in such projects, and Giller has had an important part in their development.

illinois

PROFESSOR ALAN K. LAING, A.I.A., has been named Chairman of the Department of Architecture, College of Fine and Applied Arts, University of Illinois. The reorganization of the Department was at the request of Professor Turpin C. Bannister, F.A.I.A., former Head, who desired to be relieved of administrative duties. Professor Laing, long a member of the faculty, is a graduate of the University of Denver, and M. I. T. The announcement was made by Dean Rexford Newcomb, F. A. I. A.

The Department also announces that Thomas H. Klausmeyer has been appointed as the Edward L. Ryerson Fellow in Architecture for 1953-54. Klausmeyer, a graduate of the Department in 1953, with highest honors, received his degree in Architecture and Architectural Engineering. Donald E. Sporleder was named first alternate, and Lincoln H. Jones, second alternate.

iowa

O. H. THORSON has been re-elected president of the Iowa Chapter, A.I.A. Other officers are Gerald Griffith, vice-president; Stan Verploeg, secretary, and Claire Weintz, treasurer. All are from Des Moines. Election took place at a three-day convention in Des Moines, at which dues of corporate members were increased from \$10 to \$15 to aid in a \$3000 annual budget for public relations. Richard M. Bennett was principal speaker.

kentucky

BERGMAN S. LETZLER has been elected president of the West Kentucky Chapter, A. I. A.; John H. Bickel, vice-president; Ossian P. Ward (re-elected) secretary. Letzler succeeds Arthur G. Tafel, who was named to a four-year term on the board.

michigan

ROBERT L. FINK has been appointed manager of product design for The Kawneer Company, of Niles, Michigan, it is announced by Lawrence J. Plymm, Company president. Fink will be responsible for the appearance design of all Kawneer architectural metal products, Plymm said. A graduate of Ohio State University, Fink has had extensive experience in the field of design.

nevada

ARCHITECTS PEREIRA & LUCKMAN have received the 1954 supremacy award of

Hollywood's Academy of Color and Design, for their redesigned and enlarged Flamingo Hotel in Las Vegas for "the daring and imaginative production which will mark another trend-making milestone in the continuing bid for leadership in the resort hotel field."

new york

BROOKLYN CHAPTER, A.I.A., is sponsoring an architectural competition for redevelopment of the Sea Gate section of Brooklyn. Cash prizes will be offered to students and others in the field of architecture, it was announced by Harry Silverman, Chapter president.

PAUL R. MAHLER, of Greenville, Long Island, was recently presented with a Merit Citation for being adjudged the outstanding architectural student at the Institute of Design and Construction, in Brooklyn. Vito P. Battista, A.I.A., director of the Institute, was able to place Mahler with the architectural firm of Harrison & Abramovits. The program is intended to assist talented high school students who are unable to continue their education in a university.

died

NORMAN T. ANTHONY, A.I.A., 69, in New York, Jan. 28. Maintained his own practice in New York before becoming resident architect for the New York Life Insurance Co. 15 years ago.

EDWARD F. GLASS, A.I.A., 68, in San Francisco, Jan. 31. A native of San Francisco, he was former State housing director in California.

JOSEPH R. HAMPSON, A.I.A., 63, in West Stockbridge, Mass. A resident of Pittsfield, Mass., he was resident architect at Deerfield Academy, and he designed many buildings there.

WILLIAM ORR LUDLOW, F.A.I.A., 83, of Madison, N. J., in Fort Myers, Fla. In New York City, he was architect for the John-Manville Bldg., Chase Tower, New York Times Bldg., and many others.

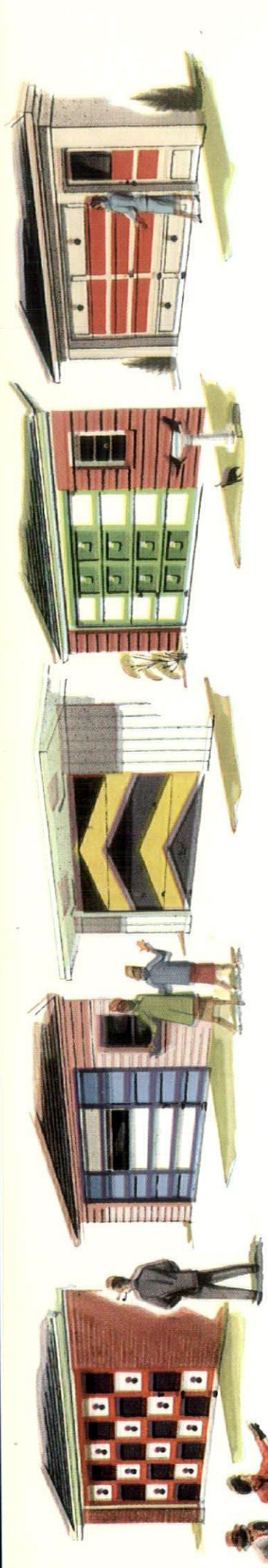
After partnerships in New York, in 1935 he formed a partnership in Summit, N. J., with his son David H. Ludlow, A.I.A. He had served as chairman of The A.I.A. Committee on Public Information.

FREDERICK WALTER MELLOR, A.I.A., in New York City, Jan. 22. V. P. John J. Harte Co., Engineers, of Atlanta, in charge of the N. Y. office. Designed the George Rogers Clark Memorial, Vincennes, Ind.

FRANCIS WILLARD PUCKEY, A.I.A., in Chicago, Jan. 7. Member emeritus, A.I.A. Member BAID, headed Atelier Puckey, in Chicago. Native of Wilkes-Barre, Pa., graduate of M. I. T.

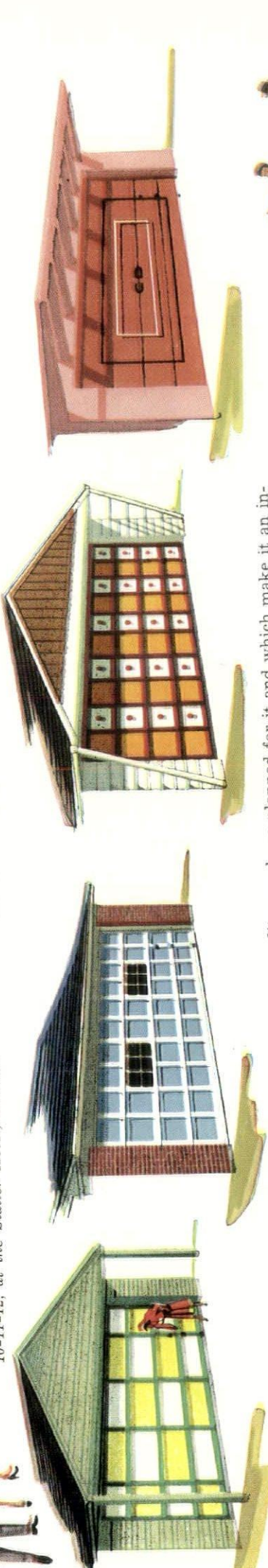
JOHN CELLARIUS SHEPARD, A.I.A., 30, in Cincinnati, Jan. 18. Member of the architectural firm headed by his uncle, Charles F. Cellarius, F.A.I.A. Graduated from the University of Illinois, did graduate work at Princeton University.

LANGFORD WARREN, 56, in Cohasset, Mass., Jan. 23. Graduate of Harvard, 1919, for 12 years with Charles T. Main, Inc., Engrs. Former secretary, Mass. State Assn. of Architects.



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msa 40th convention program

WEDNESDAY, MARCH 10, 1954

5:00-8:00 P.M.—Registration, Foyer of Grand Ballroom—Men \$2, Ladies free. Viewing of Exhibits.

8:00 P.M.—Social Program, Ballroom
Entertainment, Refreshments
Complimentary
Hosts to be announced

THURSDAY, MARCH 11

8:00 A.M.—Complimentary Breakfast for Board of Directors, Ivory Room

Complimentary Breakfasts and caucuses of Chapter Delegates, Wayne Room
Detroit—Table No. 1
Saginaw Valley—No. 2
Western Michigan—No. 3

9:00 A.M.—Registration Continued
Viewing of Exhibits

10:00 A.M.—Annual Business Meeting
Ballroom
President Linn Smith Presiding
Keynote Address—

12:00 M.—Ladies Luncheon Detroit Athletic Club, Complimentary
Speaker: Bruce Bradshaw
The J. L. Hudson Company
Subject: "Fashions in Fabrics and Color Schemes"

12:30 P.M.—Luncheon, Wayne Room (\$3.25)
Cocktails Complimentary
Vice President, Charles B. McGrew, Presiding

Greetings from the City of Detroit
Reports of Chapter Officers

2:00 P.M.—Addresses, Wayne Room
Subject: "Panel Curtain Wall Construction"

Introduction of Speakers by James B. Hughes, A.I.A.
Moderator: Joseph N. Lacy, A.I.A.

Speakers: Robert F. Hastings, A.I.A. and Ward Kessler, on Sash & Frames
Edward X. Tuttle, A.I.A., on Spandrel Panels
Eliot F. Robinson, A.I.A. and Ross Griffith, on Glazing, Calking and Sealing
Speaker to be Announced, on Extruded Rubber Glazing Strips

Discussion period

4:00 P.M.—Viewing of Exhibits

5:30 P.M.—Cocktails, Bagley Room
Compliments of Producers' Council, Michigan Chapter

6:30 P.M.—Dinner, Wayne Room (\$4.75)
Vice-President, Adrian N. Langius, F.A.I.A., Presiding

8:00 P.M.—Address, Wayne Room
Speaker: William Wilson Wurster, A.I.A.
Subject: To be announced
Introduction by Clair W. Ditchy, F.A.I.A.

10:00 P.M.—Viewing of Exhibits

FRIDAY, MARCH 12, 1954

9:30 A.M.—Buses leave Hotel for Tour of R. C. Mahon Company Plant
By Ticket only (Complimentary)
Luncheon, Compliments of R. C. Mahon Company

11:30 A.M.—Ladies Reception, Ivory Room
Host: Michigan Society of Architects

12:30 P.M.—Ladies Luncheon, Ivory Room
Business Meeting and Program (\$3.25)

2:30 P.M.—Address, Bagley Room
Speaker: Robert Newman
Professor at M.I.T., and partner, Bolt, Beranik and Newman, Consulting Acoustical Engineers
Introduction by Carl A. Scheufler, A.I.A.
Subject: "Design for Good Acoustics"
Discussion Period

4:30 P.M.—Viewing of Exhibits

7:00 P.M.—Michigan Building Industry Banquet, Ballroom
President Linn Smith, Presiding
Toastmaster: Roger Allen, A.I.A.
Speaker: Herman Hickman
Subject: To be announced
Award of Honorary Membership in the Michigan Society of Architects. Award of Multi-Color Blue Print Company Competition Prizes
Award of Honorary Memberships
NOTE: Tables will be reserved and tickets provided for MSA officers and directors and their wives. For others, banquet tickets can be obtained only by using the forms to be sent out by the Banquet Committee.

SATURDAY, MARCH 13, 1954

9:30 A.M.—Buses leave Hotel for Tour of The J. L. Hudson Company's Northland Shopping Center.
By Ticket only (Complimentary)

The Michigan Society of Architects 40th Annual Convention at Hotel Statler in Detroit, March 10-13, 1954, will feature such nationally known speakers as William W. Wurster, Dean of the School of Architecture, University of California; Robert Newman, Acoustical Engineering Consultant and faculty member at M.I.T.; Herman Hickman, former football coach at Yale University; Clair W. Ditchy, President of The American Institute of Architects, and Roger Allen, A.I.A., Architect and humorist, of Grand Rapids. Lyall H. Askew of Detroit is general chairman of the convention committee.

In addition, there will be an exhibition of working drawings, submitted in a competition of work done in Michigan architects offices during 1953. The exhibit will be supplemented by drawings of early Michigan buildings, and examples of reproduction methods from early days down to the present.

The convention will open Wednesday afternoon, March 10, with registration and viewing of the building materials exhibits and architectural competition, followed by a complimentary social evening with entertainment and refreshments, featuring a special dramatic audience-participation

production.

Thursday morning there will be complimentary breakfast meetings of the Society's board of directors, and delegates from the three State chapters. The annual business meeting will open at 10:00 A.M. Thursday morning, with Society president Linn Smith presiding, and reports of chapter presidents will be heard.

Following a luncheon on Thursday, there will be a symposium on "Panel Curtain Wall Construction," presided over by architect James B. Hughes, and speakers will include Joseph N. Lacy, Robert F. Hastings, Ward Kessler, Edward X. Tuttle, Robert Hildebran, Ross Griffith and Elliott Robinson. These men are qualified to discuss various phases of the subject, such as sash and frames, spandrel panels, calking and sealing, and rubber glazing strips.

At 5:30 P.M. Thursday, the Producers' Council, Michigan Chapter will be host at a social hour, and this will be followed by a dinner at which Dean Wurster will speak.

Friday morning delegates and guests will be taken by bus to the plant of the R. C. Mahon Company, for a tour of inspection.

Friday afternoon Newman will speak on "Design for Good Acoustics," and there will be a question-and-answer period.

The Convention proper will close with the Michigan Building Industry Banquet Friday evening, with president Smith presiding, Roger Allen as toastmaster and Hickman as speaker. At this event the Society's Gold Medal will be presented to a member who has made outstanding contributions to the architectural profession, an honorary membership will be presented, and the multi-color blue print competition prizes will be awarded.

Saturday morning buses will be provided for registrants to visit the new J. L. Hudson Company's Northland Shopping Center, for a preview of that project, which is scheduled for opening in late March.

Ladies' activities, in charge of Mrs. James B. Morison, will include a complimentary luncheon at the Detroit Athletic Club on Thursday, at which the speaker will be Bruce Bradshaw, of The J. L. Hudson Company, who will speak on "Fashions in Fabrics and Color Schemes;" a complimentary social hour at the Statler on Friday at 11:30 A.M., followed by a luncheon in the Statler's Ivory Room.

msa 40th annual convention committee



ASKEW

LYALL H. ASKEW,
General Chairman

Mr. Askeew, appointed by President Linn Smith, as General Chairman of the Convention Committee, has enlisted the support of most able sub-committee chairmen and members, the results of whose work will be much in evidence at the Convention.



ANDERSON

WERNER ANDERSON
Arrangements

Herman Gold



GUENTHER

WERNER GUENTHER
Registration

HOWARD CUTLER
BRYCE LYALL
PHILIP J. MEATHE



MESSING

ARTHUR H. H.
MESSING
Program

James B. Hughes
Carl A. Scheuffler



DWORSKI

JOSEPH F. DWORSKI
General Design

E. John Knapp
Edward G. Rosella
Edward Elliott



MRS. MORISON

MRS. JAMES B.
MORISON
Ladies Activities

Mrs. Earl G. Meyer
Mrs. Erroll R. Clark
Mrs. Clair W. Ditchy



KISSINGER

STEWART S.
KISSINGER
Product Exhibits

Morris Jackson
M. Fred Bennett
John Linquist
Robert Zander



ROSELLA

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Exhibit Hanging

Stanley R. Bragg
Charles Parise
Erroll R. Clark
George Thomas
Robert D'Alessandro
Joseph F. Dworski



MORISON

JAMES B. MORISON
Advisory Council

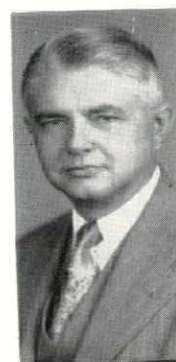
Talmage C. Hughes
Sol King



KING

SOL KING
Multi-Color Blue Print
Competition

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Paul B. Brown
Erroll R. Clark
Earl G. Meyer
Raoul Hubel
Donald Johnson
Jack K. Monteith



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Russell J. Radford
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Joe Jensen
Henry W. Ruifrok
Earl Roberts
Gaylord Watts
Neil C. Bertram
Jerry Trembly



MARSHALL

PAUL R. MARSHALL
Building Industry
Banquet

Edwin J. Brunner
Alfred R. Brodine
Robert B. Richardson
Dayton L. Prouty
Joseph F. Busse
Lyall H. Askew
John O. Blair
Talmage C. Hughes



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KNAPP

E. JOHN KNAPP
Brochure

Joseph F. Dworski

speakers at the msa 40th annual convention



DEAN WURSTER

WILLIAM WILSON WURSTER, A.I.A. will be the speaker Thursday, March 11, at 8:00 P.M., at the Michigan Society of Architects 40th Annual Convention in Detroit's Hotel Statler.

Mr. Wurster, now Dean of the College of Architecture at the University of California in Berkeley, is a native of California, and, after graduation from the University of California, he traveled and studied in Europe. He was also employed by the office of Delano & Aldrich in New York City, and he later practiced alone in California. He was a Fellow in the Graduate School of Design at Harvard, and Dean of School of Architecture and Planning at Massachusetts Institute of Technology. In 1940 he married Catherine Bauer, who has distinguished herself in the fields of planning and housing.

Dean Wurster has practiced with Theodore C. Bernardi and Don Emmons. He was appointed by the President as a member of the National Capital Park and Planning Commission and he served as its chairman. He is an Honorary Corresponding member of the Royal Institute of British Architects, member of Sigma Chi, Tau Beta Pi, American Academy of Arts and Sciences, and The American Institute of Architects.

at the banquet

HERMAN HICKMAN, All-American guard at Tennessee in 1931, has been in football most of his 42 years, yet he is more than a football man.

While he was coach at Wake Forest, North Carolina State and West Point, he was also becoming famous on the banquet circuit, telling about his mountain "kin-kolk" or reciting full-blooded poetry.

After he became head coach at Yale in 1948, it wasn't long before TV producers began using him on various programs, and by 1952 he gave up a ten-year contract at Yale.

He has recently added another laurel—as a writer, he is telling of his early adventures as a wrestler, in a series of articles in the Saturday Evening Post.



MR. HICKMAN



CLAIR WILLIAM DITCHY, F.A.I.A.

Mr. Ditchy, President of The American Institute of Architects, will be Guest of Honor. He will introduce Dean Wurster, and will otherwise be in evidence at the convention.

Mr. Robert Newman, who will be the speaker at the Convention's Friday afternoon session, is a distinguished engineer on the faculty of Massachusetts Institute of Technology. He is a member of the firm of Bolt, Beranek and Newman, Consulting Acoustical Engineers, of Cambridge, Massachusetts.

His firm has been much in demand on many important projects, including some in the Detroit area.

Taking for his subject "Design for Good Acoustics," Mr. Newman will have an interesting message on this important phase of today's building problems.

Mr. Newman will be introduced by Carl A. Scheuffler, A.I.A., a member of the Convention Program Committee. A discussion period will follow the address, at which attendants will have the opportunity of asking questions.

detroit chapter's next meeting

Max Abramovitz, F.A.I.A., distinguished member of the New York architectural firm of Harrison & Abramovitz, was the speaker at a meeting of the Detroit Chapter of The American Institute of Architects, in Detroit's Rackham Building, on the evening of February 10, 1954.

During the day he had visited the General Motors Technical Center, being done by Eero Saarinen, in collaboration with Smith, Hinchman & Grylls, and he referred to it in his talk on the subject of "The Development of Wall Panel Construction."

Mr. Abramovitz illustrated his talk with both slides and a sound-color movie, and while the subject was treated mostly from the standpoint of aluminum facings, he emphasized that there were other

interesting developments in the field of steel, porcelain, etc. His firm has been commissioned to make extensive studies for the Aluminum Company of America, in their office building in Davenport, Iowa, and in the new ALCOA Building in Pittsburgh. He stated that ALCOA was one of the few companies who have accepted the responsibility of developing their own product, and he added that this is causing others to do so.

The speaker brought out the importance of building up a team of architects, engineers and clients who are willing to do the research necessary to such a successful project.

Chapter President Amedeo Leone reported briefly on the Board meeting held that

afternoon. One item was the C. Allen Harlan \$1,000 scholarship competition, which the Chapter is sponsoring.

Mr. Leone introduced two guests: Mr. George Melchers, of the Flour City Ornamental Iron Company, of Minneapolis, Minn., and honorary associate of the Minneapolis Chapter, A.I.A., and Mr. Paul R. Marshall, of the Aluminum Company of America. The President also spoke of the Senate Bill No. 1130, now pending before the Michigan Legislature, which would limit architects' fees to 3½ per cent. He stated that our interests are being well taken care of at the Capitol.

Ninety-three were at dinner and the auditorium was quite well filled for Mr. Abramovitz's excellent address.



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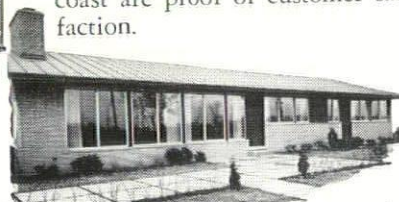
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detroit chapter february meeting

Morris Jackson, Chairman of the Detroit Chapter, A.I.A. Committee on Allied Arts, announces that the March 24 meeting of the Chapter will be devoted to a symposium on sculpture.

The Michigan Sculpture Society has been invited to show the work being done by its members, and also to introduce some of the leading sculptors in the Detroit area.

The sculptors will tell something of their background, and also give their views on sculpture with relations to architecture.

Slides will be used, and Mr. Franklin A. Page, Junior Curator of The Detroit Institute of Arts, will be moderator.

This is the first in a series in what it is hoped will become an annual event, that of meeting with representatives of the allied arts, such as painters, sculptors, muralists, landscape architects and others.

The program will be preceded by a dinner, attended by Chapter members and guests. Both the dinner and the program will be in the Junior Room of the Rackham Building.

Other members of Mr. Jackson's Committee are Louis G. Redstone, Talmage C. Hughes, Lawrence G. Linnard and Ulrich Weil.

BOY SCOUTS OF AMERICA celebrated with a big banquet at the Sheraton-Cadillac in Detroit on the evening of February 22—Washington's birthday. Among those who had sponsored young men in vocational guidance were Carl B. Marr, Arthur K. Hyde and Leo M. Bauer, architects.

The sponsors had previously met with the young men, given interviews and shown them around their offices.

Mr. Marr sponsored Eagle Scout, Robert Frey of Redford High School; Mr. Hyde sponsored Richard S. Killan, of Detroit's Cerveney Elementary School; Mr. Bauer sponsored Clair L. Naar, Jr., of Redford High School.

PETERSON

development of wall panel construction

By Max Abramovitz, F.A.I.A., an address before the District Chapter, A.I.A.

There is nothing essentially new in Panel Construction in principle. It is a development of the curtain wall and the curtain wall is in the broad sense a non-bearing wall, whether it is applied to a wood frame or a steel frame.

Today with the intensive development of metals and plastics and the development of machinery to shape them, we architects are looking anew for a solution to our wall problems with these new materials. I have no fears, which occur to many, that it will impose any aesthetic limitations, in fact it should provide new opportunities for our imaginative efforts.

I would like to enumerate some of the factors which are desirable—

- 1—The dry wall—a proper substitute for the current wet wall would enable us to work in cold and wet weather and not limit our building months.
- 2—Light weight—light construction would permit ease of erection, less load to support and use less construction manpower.
- 3—Large units—fewer units mean fewer joints and also contribute to speed of erection.
- 4—Fewer joints—joints are the source of many of our difficulties. With the movement of buildings, uncontrolled joints provide the architect his greatest difficulties. The fewer the better.
- 5—Non corrosive and fire retardant materials—this type of material simplifies our building. Generally, materials with these inherent qualities, have been hard to tool. This has been largely overcome with today's advances in our metal age.
- 6—Prefabrication—prefabrication of parts permits construction under controlled conditions and will assist in continuous production and better construction.

We are not the first to study this problem, since panel construction is not a new discovery. Veneers of stone and brick are forms of panel construction, wood clapboards and shingles are too. The iron-clad 19th century ships, the corrugated sheets in utilitarian buildings of the 1880s and 1890s, the more recent use of metal panels in shop fronts, the wood and metal panels in prefabricated houses from World War I to today, and the popular precast concrete panels are all in the same category. There are many examples of all of these in this country and in Europe.

Like all architects our office has worked with the idea in various forms—mostly related to prefabricated houses in wood and metal. But with the end of World War II we were asked to make a study of the potential of metal in buildings by the Aluminum Company of America. We undertook a serious study which reviewed the past uses in this country and in other countries, of metal in buildings, airplanes, ships and railroad cars. Our research was

extensive. We visited fabricating plants, Bohn, Alcoa, Pullman, Budd, etc.

Our first excursion was an enlargement of the use of the cast aluminum spandrel of a type used in Rockefeller Center and many other buildings. This developed into the cast aluminum wall used in Davenport, Iowa for a 5-story factory-office building which was treated as a "pilot" skyscraper using the exacting New York City code, which is more than that needed for a 5-story building in the plains of Iowa.

In that building we used 962 aluminum castings with strong vertical grooving, sufficiently stiff for a span of 4'-7"x6'-6" (30°). We cast into this metal facing flanges to make the necessary connections to the structural frame. The end result was a large panel two men could handle, with all connecting flanges cast thereon, which could be anchored to the wall from inside the building without any exterior scaffolding and needed only to be bolted in place. Top and side laps were developed to provide weather protection but we did not make a waterproof joint. We decided we would just build a facing with a waterproof wall behind it. The back up wall was 4" of precast light weight concrete, giving a total wall thickness of 9".

The solution was simple. It provided an excellent exterior wall and was non corrosive. This type of casting provides limitless possibilities for aesthetic treatment.

But this wall is not as yet an end in itself, for to it must be added insulation materials and fire protective surface to satisfy most building and fire codes. In this instance they were applied after the skin was in place and the building was enclosed.

But it accomplished some of our goals:

(1) it was dry, (2) it was light, (3) it was a large unit (4) it contained fewer joints, (5) it was prefabricated, and (6) it eliminated scaffolds. The building was successful and functions well.

Why did we not stop there? Well, for one reason, we had not solved a wall as yet in the tall building, and we had not yet devised an arrangement to include fire and insulation properties, and secondly from the Aluminum Company's point of view, they wanted us to do a compatible solution with less metal.

Our next excursion in panel construction appeared in the Secretariat of the United Nations. In the development of that building we finally settled on the glass and metal wall. Here we pushed the panel wall to a large size to fit from floor to floor to include the window. We used some of our previous knowledge: (1) we minimized scaffolding and worked from inside the steel skeleton, (2) we pushed the size of the panel from that of an increased spandrel wall of 30 sq. ft. upon which the window rested, to one from floor to floor, i.e., 4'x12'-0" high, totaling 48 sq. ft. with the window frame included. These were fabricated in the shop, with the windows

and spandrel glass ready to be inserted, and delivered to the site and bolted into inserts in the frame of the building.

We achieved lightness in weight. Speed of erection was remarkable. We closed in the building 3 months ahead of schedule.

Now, ALCOA came back to us, and, satisfied with their first experiment in a low office building, asked us to push further in the panel construction field on a tall office building they were planning for their own use. Here in the early stages we again reviewed what we had learned and wondered what we could develop further. Their mission this time was to exploit aluminum in every sense (be it casting, sheet or extrusion), from wall to floor, to provide weather protection but we did electrical and plumbing systems. This time we settled on the thin sheet and the stamping idea. This naturally received the encouragement of ALCOA for it would certainly be a more economical use of the metal and this could lead to a more economical method of producing the final wall. We also decided to concentrate on making a watertight joint, but still to maintain a ventilated space to minimize condensation.

The ALCOA project developed into a mechanically stamped, $\frac{1}{8}$ " sheets of 6'x12' or 72 sq. ft., with a cut out of 4'-2"x4'-7" for a window (which is a project within itself) and an insulated and fireproofed backing sprayed on at the site. We treated the aluminum for tone value, we shaped the stampings with an inverted pyramid pattern for strength and appearance, and developed a reversible window to overcome one of the long-standing criticisms of cleaning windows in tall buildings.

We went further: the ceiling is all of a perforated aluminum and functions as a radiant heating and cooling surface, as well as a framework for light fixtures, and the doors, bucks, wiring and many other elements are also of aluminum.

In detail, the aluminum facing was erected from the inside of the building. Panels were fastened by bolts to vertical steel angles which had been bolted to the spandrel beams. While being attached the panels were supported by a rope passed over a pulley supported 2 stories above. The flanges of the panel had a 4-way labyrinth which serve to decrease the pressure of wind and rain without vertical joints. Slotted holes in the supporting angles enabled workmen to bring the panels to a proper elevation. One and one-half inches behind the panels expanded aluminum lath was set up to receive the sprayed-on perlite concrete back-up. The perlite had an average strength of 2,000 psi and the U factor was 0.16.

What is the next step? There are many buildings springing up over the country using the panel principle, some use more aluminum, some use steel, some use glass. There are many varieties. Perhaps these will lead to another kind of building in the years to come. Time will tell.

40th annual honor awards

program — western michigan chapter, a.i.a., 1954

PURPOSE:

To give professional and public recognition to meritorious architectural achievement in the Chapter area to the end that an appreciation of excellence in Architecture may be encouraged both within the profession and by the public at large.

The Awards Committee is now accepting entries for the Best Buildings of 1949-1953. Any building constructed and completed during these years is eligible provided:

1. It is located within the Chapter area or,
2. The Architect is a Chapter Member.

WHEN:

A display of the entries and a presentation of the awards will be a feature of the

April 19th meeting in Grand Rapids. The distinguished Jury (to be announced) will be present at that dinner after judging the exhibits.

Selected work of the exhibit will be published in the Monthly Bulletin of the Michigan Society of Architects for June, 1954.

Architects submitting entries which meet the requirements of the National AIA Honor Awards Program are assured that their material will be duly released for entry in that competition should they so elect.

WHAT:

The entries will be judged comparatively in the following general classifications:

1. RESIDENTIAL
(Single and multiple dwellings)
2. COMMERCIAL AND INDUSTRIAL
(Any building used for a profit enterprise)
3. INSTITUTIONAL
(Any building used for non-profit enterprise)

Any building regardless of size will be accepted. Remodelings and additions to existing buildings will also be accepted. There will be recognition in the various classifications with possible honorable mentions, depending upon the pleasure of the Jury.

HOW:

Entries submitted on any of the following size mounts will be accepted:

1. 30"x40" illustration board (preferred)
2. 40"x60" illustration board (acceptable)
3. As required by the 1954 National AIA Program (Details of 1954 Program not available at this writing but you will probably receive notice of same from National in ample time to prepare your entry)

Minimum requirements are (a) floor plans, (b) two exterior photographs of the building, and (c) a brief statement of the problem which should include some information about the site. Additional photographs of the exterior, details or interiors, perspective sketches or elevations are optional. Although it is usually one of the National Competition requirements, plans need not be drawn directly on the board for our exhibit but may be mounted on the board. The statement of the problem and the site information should be confined to a space not exceeding 8 1/2"x11".

The Architect's name shall appear on the back of the exhibit and not on the face, though, naturally, the authorship of some of the buildings may be known to the Jury.

NUMBER:

There is no limit for entries by one firm or individual, and if more than one sheet is needed for a single building, by all means use two or more.

CLOSING DATE:

April 15th is the deadline for mailing entries to:

WESTERN MICHIGAN CHAPTER, A.I.A.
1126 McKay Tower,
Grand Rapids 2, Michigan.

Personal delivery of entries may be made until noon April 17, 1954, to the above address or to:

511 Monroe St., Kalamazoo, Mich. or
1811 East Michigan Ave., Lansing, Mich.

The exhibits will be handled carefully and those that cannot be picked up by the owners will be returned post-paid by the Chapter. The committee reserves the right to retain some of the exhibits for display, etc., by agreement with the owner.

Walter S. Hanson, Grand Rapids, Mich.
Elmer Blank, Lansing, Michigan.
F. Gordon Cornwell, Traverse City, Mich.
Paul E. Flanagan, Chairman, Grand Rapids.

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Alfred C. Emmerling, Architect, Paul S. Calkins, P.E., and Peter Mortenson, Jr., P.E., announce a new firm entitled "Emmerling, Calkins & Mortenson, Inc.," established for the practice of architecture and engineering.

Mr. Emmerling is a member of A.I.A. and M.S.A. who has been practicing architecture in Detroit for some nine years under his own name, having previously been with various architectural firms in this area and in New York City. A graduate of Columbia University, he took graduate work in the U. of M. College of Architecture. While his private practice has been quite broad in scope, he is probably best known for his work on churches and church schools, and industrial buildings.

Mr. Calkins is well known to many architects in the state for his work as a consulting structural and civil engineer since 1944, as well as for his activities in behalf of the Registration Law through the Michigan Society of Professional Engineers which he served as president during the 1952-53 term. He is currently a Director of the National Society of Professional Engineers, and also a member of the American Society of Civil Engineers, the American Concrete Institute, and the Engineering Society of Detroit. He is a graduate of the College of Engineering at the U. of M., class of 1924, and became a Registered P.E. in 1927 by examination.

Peter Mortenson, Jr., is a U. of M. '25 E. graduate and was registered in Michigan by examination in 1928. He is also registered in Indiana and holds a National Certificate of Qualification from N.C.S.B.E. His background includes the titles of Chief Structural Engineer for Peter F. Loftus, Pittsburgh; Chief Structural Engineer for H. E. Beyster & Associates, Inc.; and Chief Structural Engineer, Secretary, and a Director of Boddy-Benjamin Associates, Inc., together with broad experience on highway and bridge design. He is a member of the American Society of Civil Engineers, The Engineering Society of Detroit, and the National Society of Professional Engineers. In the latter, he has recently been named Chairman of the Detroit Chapter Architects'-Engineers' Relationships Committee, which will work toward better cooperation between the two professions as regards enforcement of the Registration Act, public relations, and other possible joint efforts.

The firm leased the sixth floor at 112 Madison Avenue and has been functioning there since February 15th of this year.

Producers' Council, Inc., national organization of building materials and equipment manufacturers, will sponsor a nationwide tour of a \$100,000 traveling exhibit of building products, it is announced by Elliott C. Spratt, president of the Council.

G. Frederick Muller, of Pittsburgh Plate Glass Company, president of the Producers' Michigan Chapter, states that Detroit will be included among 33 cities on the exhibit's itinerary, and he added:

"Forty-five exhibit units, each especially designed for these showings, will bring the latest developments in the field of construction materials to the doorstep of the nation's architects, builders and contractors."

Producers Council is affiliated with The American Institute of Architects.

METROPOLITAN ART ASSOCIATION, of Detroit, announces a lecture by Alexander Dornier, on the subject of "Why Integrate the Arts?" in the auditorium of The Detroit Institute of Arts on Wednesday evening, March 10, 1954, at 8:00 o'clock.

Educated at the University of Koenigsburg and Berlin University in his native Germany, Mr. Dornier has written numerous books on German art. Perhaps his best known book is his most recent one, "The Way Beyond Art." Frequently he has contributed articles to periodicals on art history, aesthetics, education and museum philosophy. From 1938 to 1941 he was a director of the Museum of Art of the Rhode Island School of Design. From 1942 to 1948 he lectured at Brown University and since then he has been professor of the history of art and aesthetics at Bennington College.

Admission to the lecture will be by season tickets, or single admissions may be purchased at the box office at one dollar.

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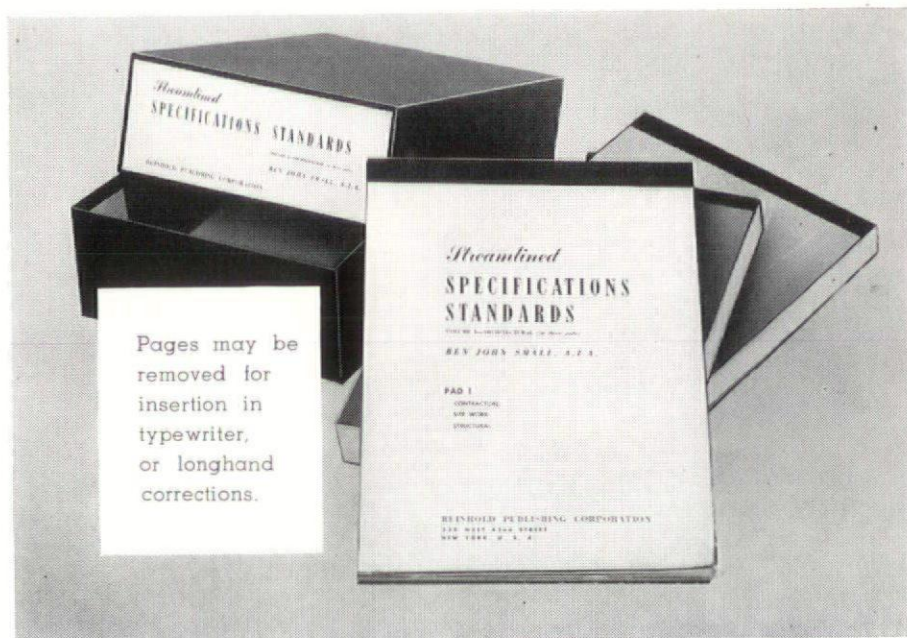
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The Michigan Chapter of the Producers' Council, Inc. is holding a "Caravan of Building Products" in the ball room of the Veterans Memorial Building, Detroit, on Tuesday, March 30 from 10 a.m. to 5 p.m., which is free and open to the public. That evening architects will be invited for dinner, and to view the exhibits from 6 p.m. to 9 p.m.

W. B. Commons of H. H. Robertson Co. is chairman of the event, and urges everyone to see it.

On February 8 the Council held its "Mechanical Trades Night" at the Fort Shelby Hotel, Detroit. Clair W. Ditchy, president of the American Institute of Architects, wearing the bow tie of the evening, was moderator in the panel discussion. Those who took part in the panel were: Clifford Lorne, John Molloy and T. H. Mabley for the contractors and George Giguere, C. C. Bowbeer and William Harju for the engineers.

Among those attending the dinner were James Morison, Sam Burtman, who's celebrating his 20th anniversary in the brick business; Bill Commons, Ted Morse, Leo Bauer, John Finn, Joe Spitzley, Emil Jehle, Fred Muller, Bill Snure, Jack Armstrong, Ralph MacMullan and Ray Deppmann.

A. S. James of O. W. Burke Co. and now president of A.G.C. was introduced. James wore the tie of the evening—a handsome red and grey number.

Others at the meeting were Bill Mulcahy, Al Schroeger, D. J. Zabner, Charles Hannan, John Davis, David Oeming, Ernie Baker, Dave Kingman, Charles Kleinbrook,

LOWELL M. PRICE

Lowell M. Price, A.I.A., died in University Hospital, Ann Arbor, on February 11, at the age of 55.

Born in Logan, Ohio, Mr. Price was educated at Ohio State University and at the University of Michigan. Mr. Price designed the new Royal Oak City Hall, the Oakland County Service Building, three Royal Oak fire stations, Royal Oak schools and other public buildings.

Survivors include his wife, Adelaide, of 2214 Ferncliff, Royal Oak, two daughters, Mrs. Louis M. Pacioni, of Detroit, and Mary Ann; a son, James and one grandchild.

GEORGE J. DAVERMAN

George J. Daverman, of the Grand Rapids architectural firm of J. & G. Daverman, died in Grand Rapids on February 6. He was 68 years of age.

With his father, the late Johannes Daverman, he founded his firm in 1924. His two sons, Joseph T. and Herbert G. joined in the partnership in 1938.

Surviving are his wife, Josie, two sons, and six grandchildren, all of Grand Rapids.

Tom Schwer, Gordon Sheill, Don Ollesheimer, Ross Griffith, Walter Berd, Clyde Oakley, H. M. Armstrong, Russ Collins, Glenn Shields, Norman Ermatinger, Bill Taliaferro, A. R. Henson, Owen Watkins, Ralph Roach, Al Hann, Walt Sandrock, Burt Kuiper and Harold Brook.

Bill Ogden brought his wife, "Glamorous Clara," to the dinner. Bill was sporting a birthday present from the Mrs.—a superb green tie.

Bob Richardson, Jr. ably pinch hit for his father, who was unable to be there, as chairman of the meeting.

EERO SAARINEN, F.A.I.A., of Bloomfield Hills, Mich., was married on February 1 to Mrs. Aline B. Loucheim, associate art critic on the New York Times. The wedding, which took place in New York City, was the second for both.

Mr. Saarinen and the former Lily Swan were divorced recently. She is a sculptor and great granddaughter of Lucius Tuckerman, a founder of New York's Metropolitan Museum of Art. They have two children, Eric and Susan.

It is announced that the Saarinens will live in Bloomfield Hills, but she will continue working for the New York newspaper. Mr. Saarinen was just recently elected to a lifetime membership in the National Institute of Arts and Letters.

The Ecclesiastical Arts Guild of Detroit will open its 4th annual exhibit of contemporary religious art at the J. L. Hudson Company's Fine Art Galleries, Monday, April 12th for two weeks.

C. Allen Harlan, of Harlan Electric Company, is awarding prizes in the fields of sculpture and crafts. Other prizes will be awarded in painting.

The entries will be judged at the Detroit Institute of Arts by a jury composed of Robert H. Tannahill, Detroit Institute of Arts; Sam Cashwan, Sculptor and Zoltan Sepeshy, Cranbrook Academy of Arts.

All entries, Gerald G. Diehl, President of the Guild, stated, are due by March 26th at the Detroit Art Institute.

Architects Leinweber, Yamasaki & Hellmuth won a top award in a nationwide competition at the recent annual convention of the American Association of School Administrators, at Atlantic City.

The citation and bronze plaque, were received by Minoru Yamasaki from the magazine "The School Executive," for the firm's Detroit University School and Grosse Pointe Country Day School, now under construction in Grosse Pointe Woods.

The architectural firm, which has a staff of 32 people, was established in 1949. The firm also maintains offices in St. Louis, Mo.

JOHN H. V. EVANS, A.I.A., a former member of the Detroit Chapter, American Institute of Architects, who practiced in Jackson, Mich., announces his joining with Charles L. Barber, A.I.A., in the formation of the firm of Barber, Evans & Associates, Architects and Engineers, with offices at 222½ Huron Street, Toledo, Ohio.

Evans is a graduate of the University of Pennsylvania, and he holds a master's degree in architecture from Massachusetts Institute of Technology. He had been on the staff of architects in Toledo, Jackson and Yakima, Washington.

Six architectural draftsmen have been elected to associate membership in the Detroit Chapter, American Institute of Architects, it is announced by Louis Rossetti, Chapter director.

Those elected are:

Frank Gerald Craig, 19601 Hanna, Melvindale, Mich.; Marvin Alan Epstein, 22120 Church Road, Oak Park; Tom V. Zoedes, 7512 Dodge Ave., Van Dyke, Mich.; Alan William Mather, 19935 Glastonbury Road, and Wah Yee, 16177 Tuller, both in Detroit.

Architect Frank Barcus, A.I.A. has received high praise in the press for his Gaylord (Mich.) Hospital, as being one of the best in the State, and for being built at a low cost.

WANTED — Experienced architectural draftsman. Colvin, Robinson & Associates, Ann Arbor, Mich. Telephone Ann Arbor 2-6162.

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AIA

Monthly Bulletin—
national architect

both for \$5

The tie, illustrated here, is genuinely hand-made 100% wool, interlined and generously long for Windsor knotting.

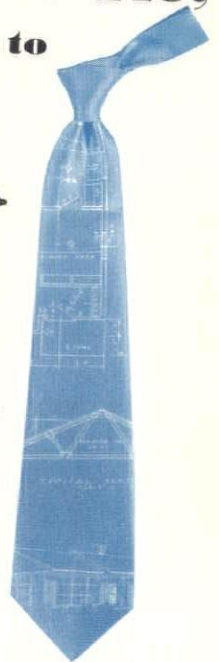
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DETROIT 26

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C. ALLEN HARLAN
901 WEST MILWAUKEE AVENUE
DETROIT 2, MICHIGAN

January 29, 1954

Mr. Talmage C. Hughes
Michigan Society of Architects
120 Madison Avenue
Detroit 26, Michigan

Dear Mr. Hughes:

Enclosed herewith is a copy of a letter from a company that I have never done business with, and a gentleman whom I do not know - so, I believe that the sentiments contained in his letter may be taken at face-value.

I thought that you would be interested in knowing how much interest is being shown in the advertising impact of your magazine. You have given me the best place in the magazine, and I, in turn, have tried to make our advertising materials interesting, apparently, not without some success.

Sincerely,


C. Allen Harlan

CAH:jd

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601 GRISWOLD STREET

DETROIT 26, MICHIGAN

January 27, 1954

Mr. C. Allen Harlan,
c/o Harlan Electric Company,
901 W. Milwaukee Avenue,
Detroit 2, Michigan.

Dear Mr. Harlan:

It has been almost a year since I have been reading the A.I.A. Monthly Bulletin of the Michigan Society of Architects. During that time I have followed your advertisements with no small amount of interest.


If I seem bold in writing to you it is only because I wish to convey to you expressions of congratulations for your high type of advertising and for your singular contributions to the high standards of excellence most advertising men want to establish.

All of this coupled with your generous contributions of money and your time to the community, it seems to me that C. Allen Harlan is more than Detroit's National Electrical Contractor.

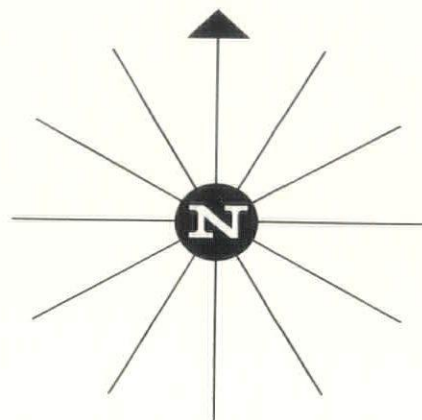
I remain -

Yours very truly,

HURON PORTLAND CEMENT COMPANY


A. F. Carcone
Advertising Manager

AFC:we



NORTHLAND

A REGIONAL SHOPPING CENTER FOR DETROIT, MICHIGAN

Project Architects:

VICTOR GRUEN ASSOCIATES, INC.

Associate in charge: Karl O. Van Leuven, Jr., A.I.A.

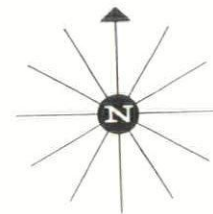
Associated Engineers: H. E. Beyster & Associates, Inc.

Economic Consultant: Larry P. Smith & Company

Traffic Consultant: Lloyd B. Reid

Landscape Architect: Edward A. Eichstedt

Associated for Store Interiors: Fred Wilkins



Northland will be opened formally this month.

Designed as a cluster of one-story buildings containing 70 separate retail stores grouped around the three-story J. L. Hudson Company department store, the center provides a total of 1,050,000 square feet of rentable area on a site of 159 acres. Parking facilities are provided for 7500 cars with separation of service and shopping traffic achieved by an underground truck route and loading docks serving each store.

In its basic concept, Northland emphasizes the importance of the long-range development of the community. Every means has been taken to insure the healthy growth of the surrounding areas, to protect related traffic facilities and to control the character of the expansion of the center itself. The entire development is surrounded by green belts separating the center from nearby residential areas, and these protect, in fact enhance, existing land values. The master plan of the Northland area,

a tract of 409 acres, anticipates residential development to the north of the center proper and further controlled commercial uses to the south. The center has been planned for the future addition of 500,000 square feet of store area and all facilities have been designed to accommodate this growth. The utility buildings and distribution system have been sized for additional load and within the present road system parking facilities can be expanded to provide for 11,000 cars.

All buildings are surrounded and inter-connected by colonnaded walks to provide continuous all-weather protection for shoppers. The Center is designed as an architectural entity, but still allows for complete individuality in the treatment of shop fronts and signs within the colonnades.

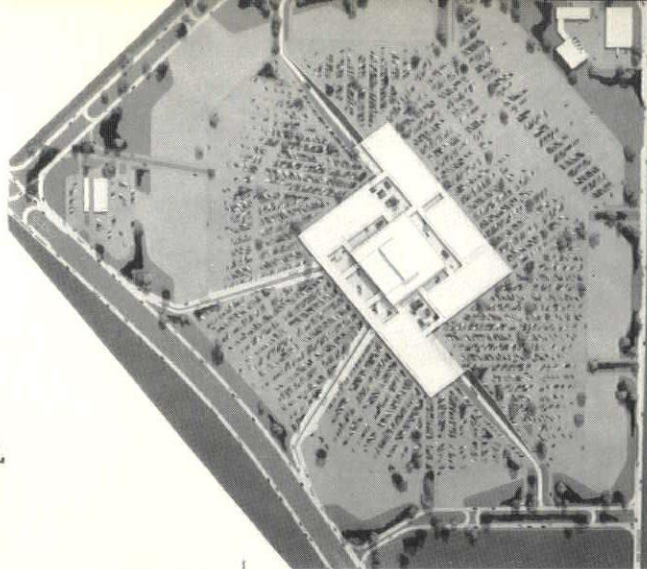
A community center has been included with an auditorium and meeting rooms to help fill the need for social, cultural and civic crystallization points in our sprawling suburban areas.

All stores will be completely air conditioned by chilled water from two 1800 ton centrifugal compressors located in a central plant which also houses three 3300 H. P. oil fired boilers providing steam for the entire center.

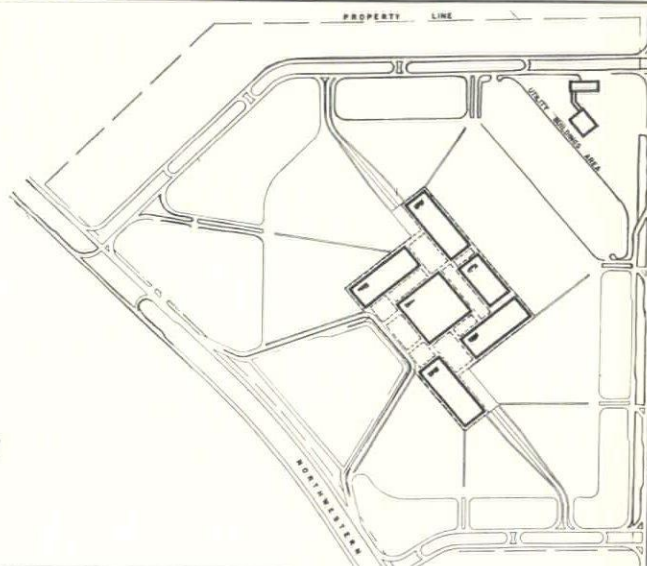
Besides being a new experience in suburban retailing, Northland Center means something else of importance to Detroit. It should be stressed that it has been conceived according to a basic tenet of City Planning: the organization of separate architectural elements into one integrated whole, co-ordinated with the surrounding physical, economic, and sociological factors. This planning principle has long been the tool of the architect in working with large scale institutional projects, college campuses, and civic centers. At Northland it has been applied to a purely commercial enterprise.

With this approach, Northland may become a yardstick for future commercial development.

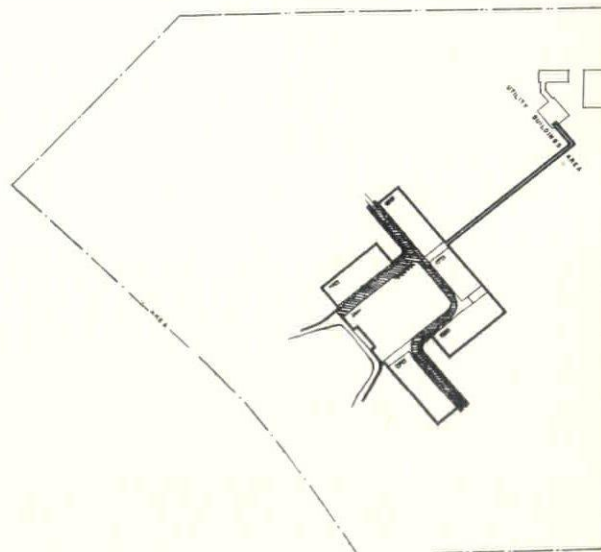
AERIAL VIEW OF MODEL



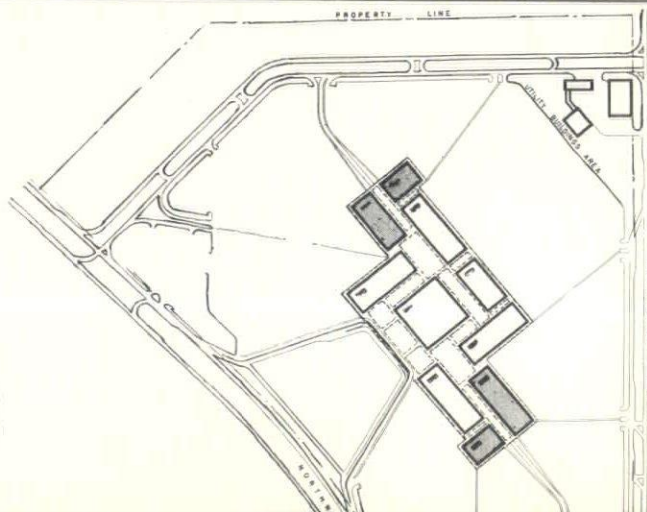
GROUND FLOOR PLAN



BASEMENT PLAN

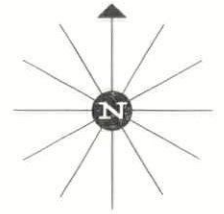


GROUND FLOOR PLAN SHOWING
FUTURE EXPANSION

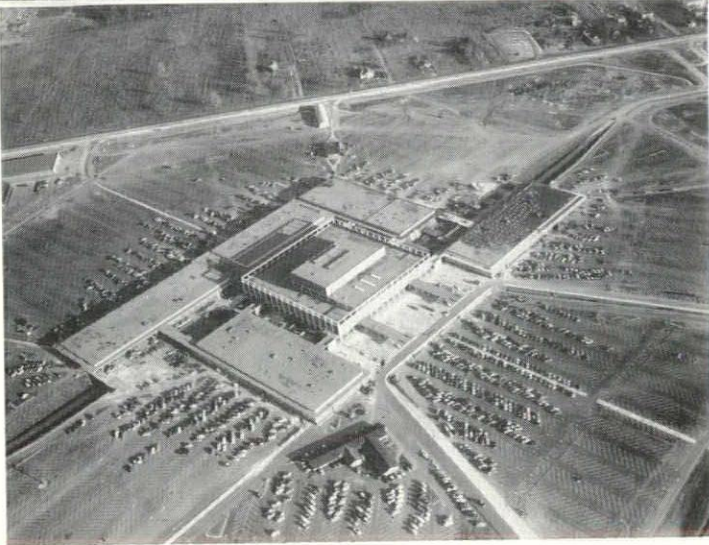


work in progress

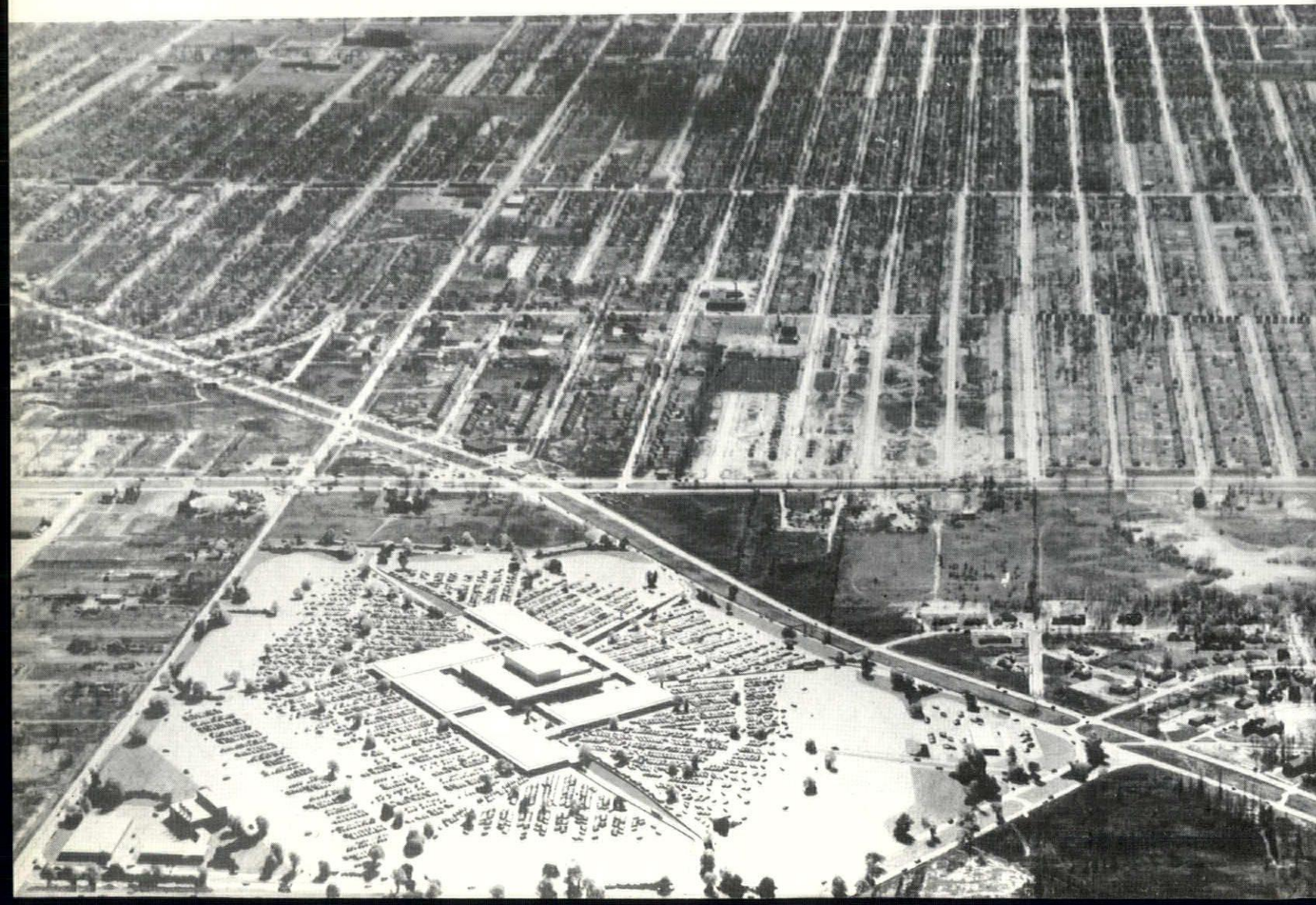
Work at 6 months



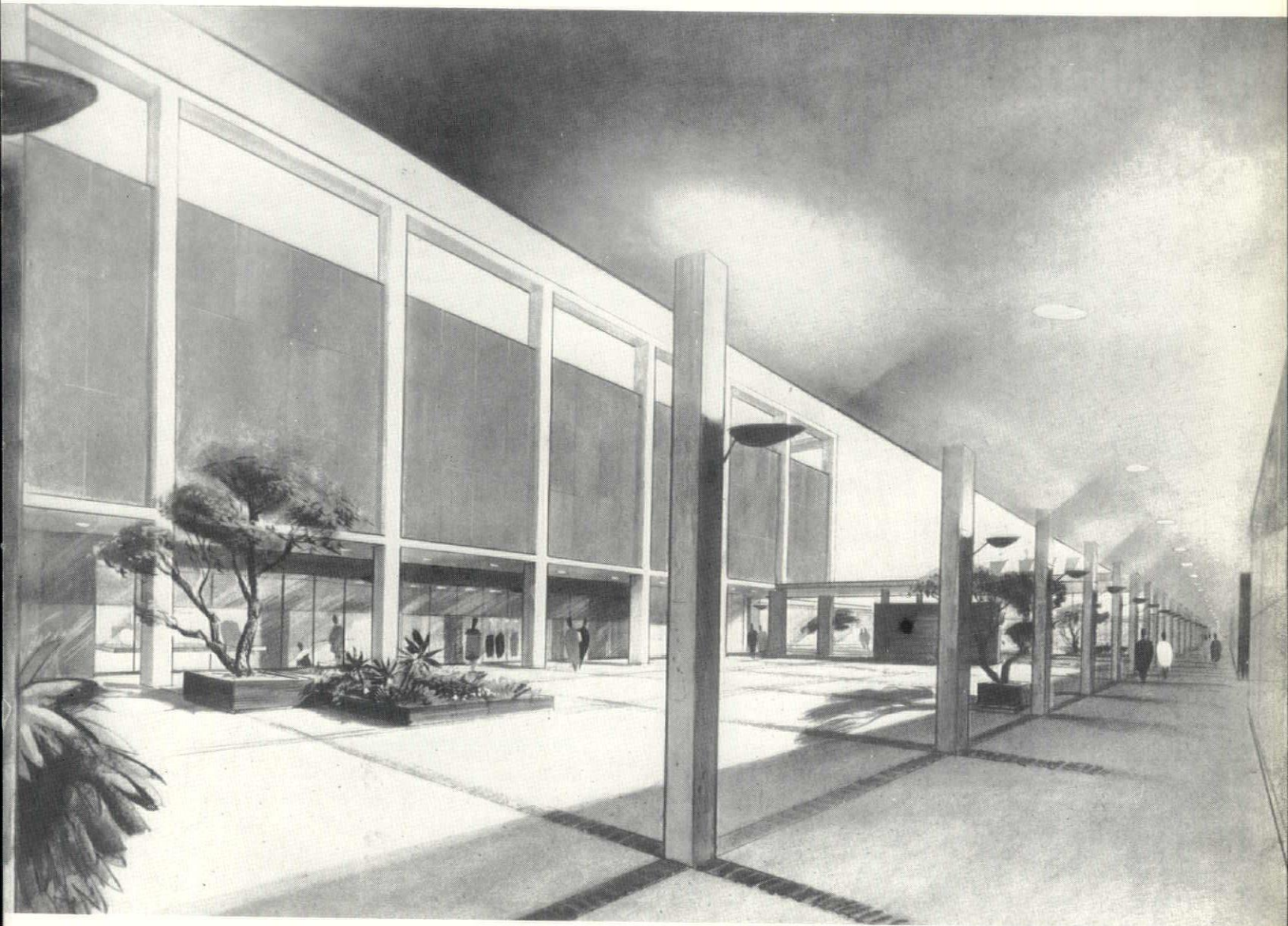
Nearing completion



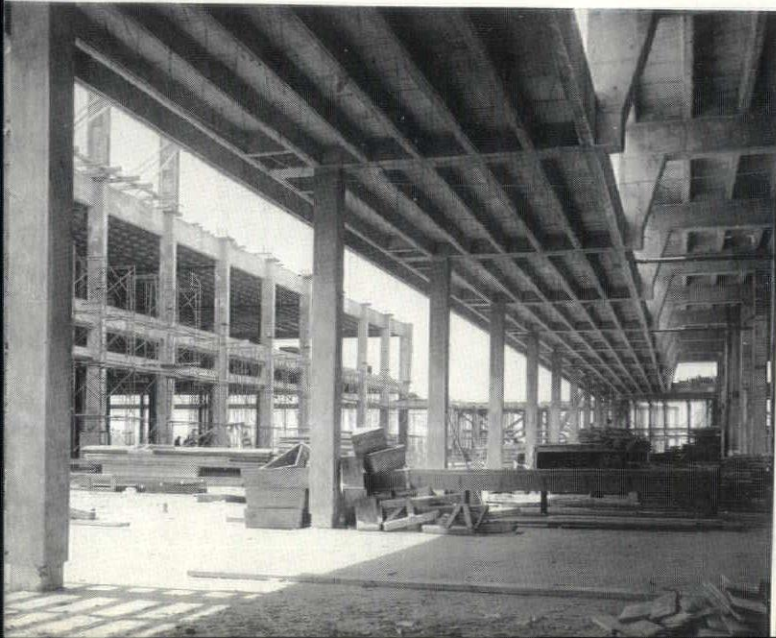
Aerial view of Northland
as it will look on opening day.



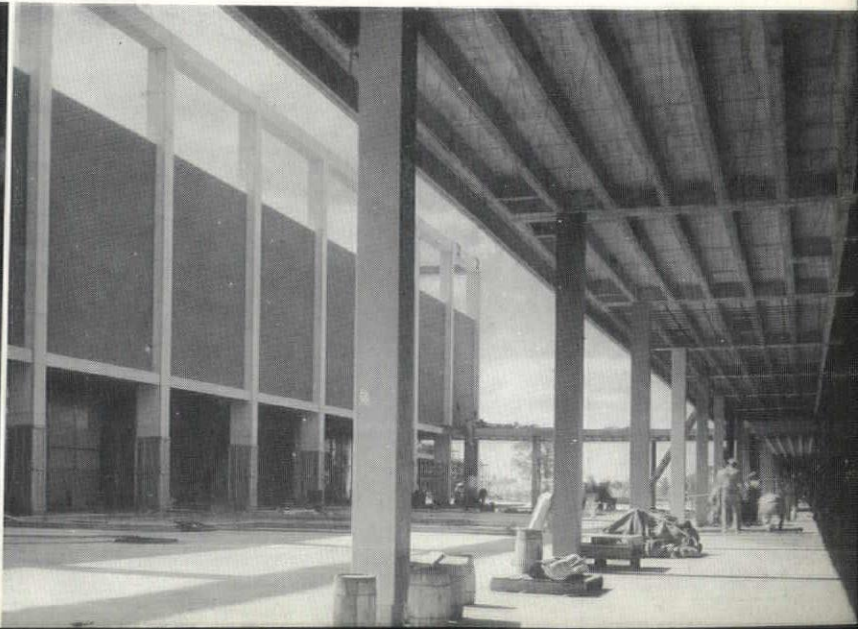
Original sketch of Hudson's Store from Tenant Arcade

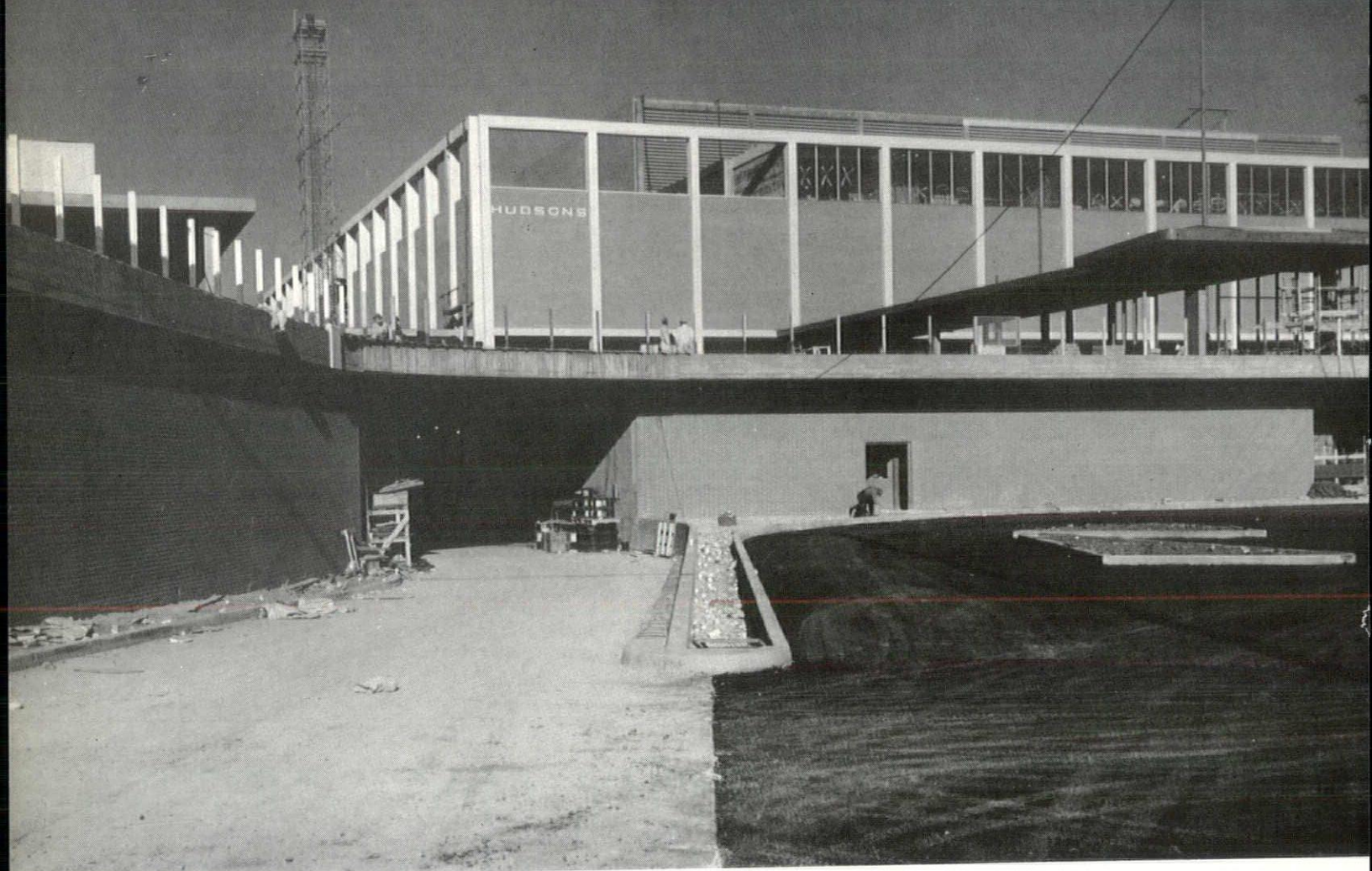


Work at 6 months

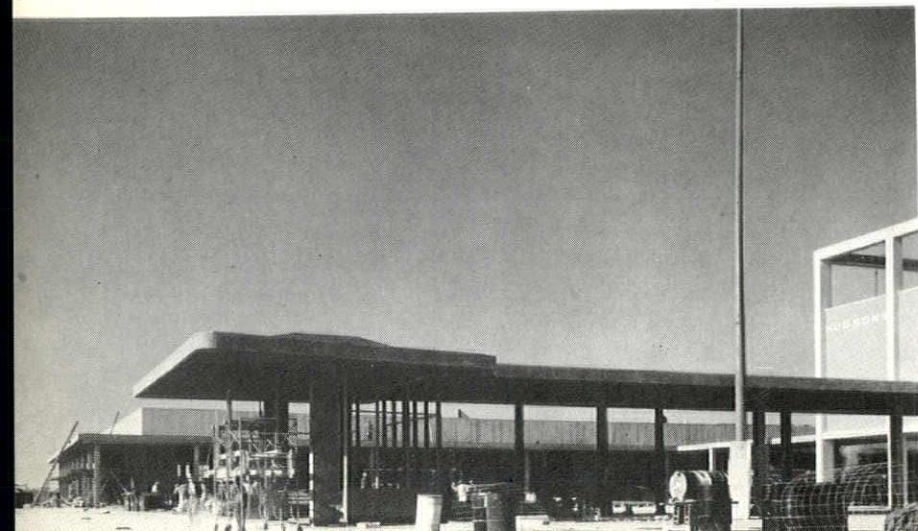


Nearing completion

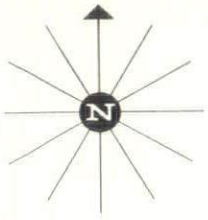




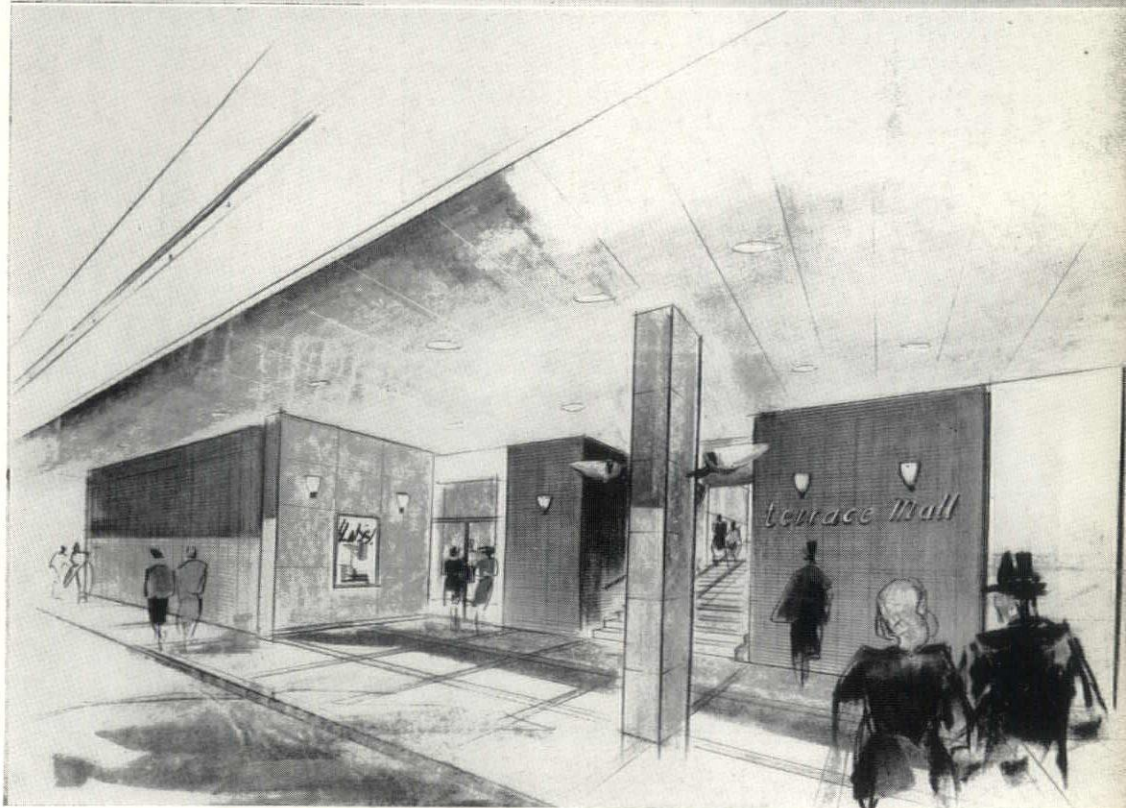
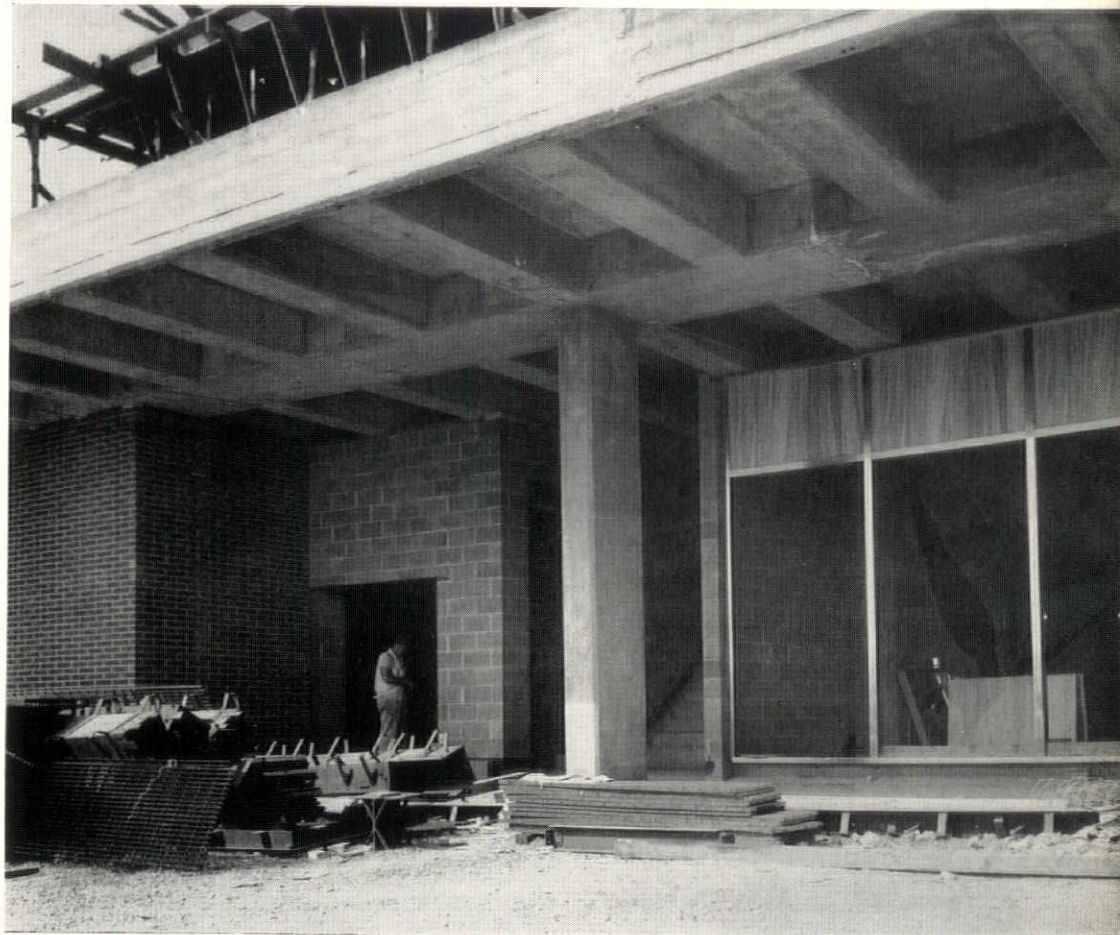
View of Hudson's store from lower parking level. Note arcade leading to store, and truck tunnel exit.



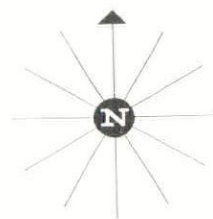
Same arcade from upper level. This is also bus stop at Center.



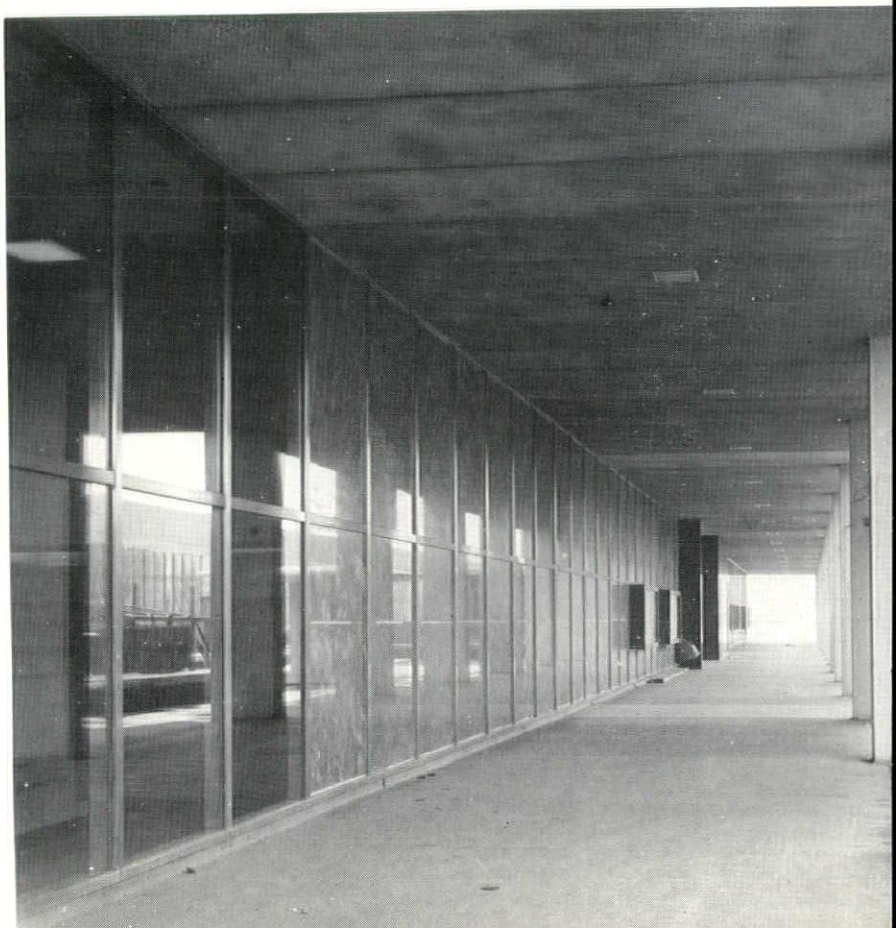
Hudson Auditorium Entrance and Stair to upper level, from lower parking lot. Work at 6 months.



Original perspective sketch of above detail.

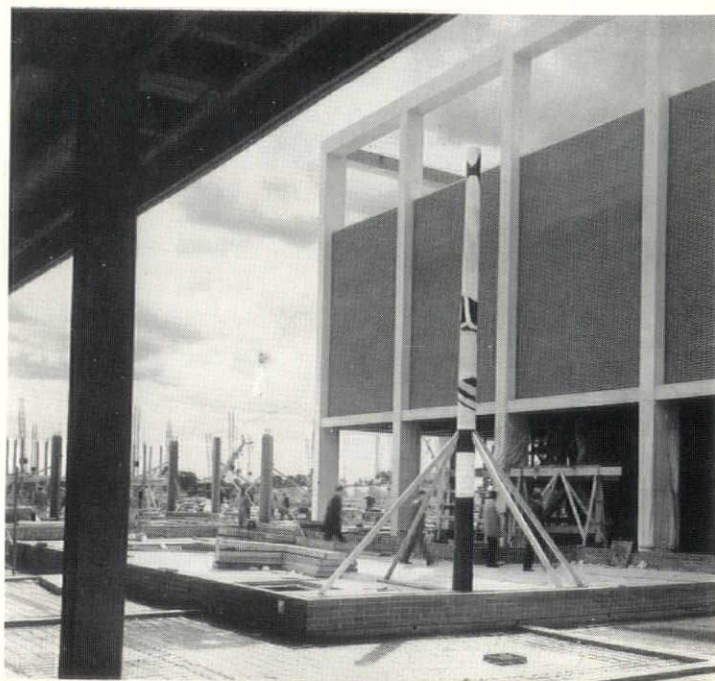


Views under arcade of Hudson's Store.



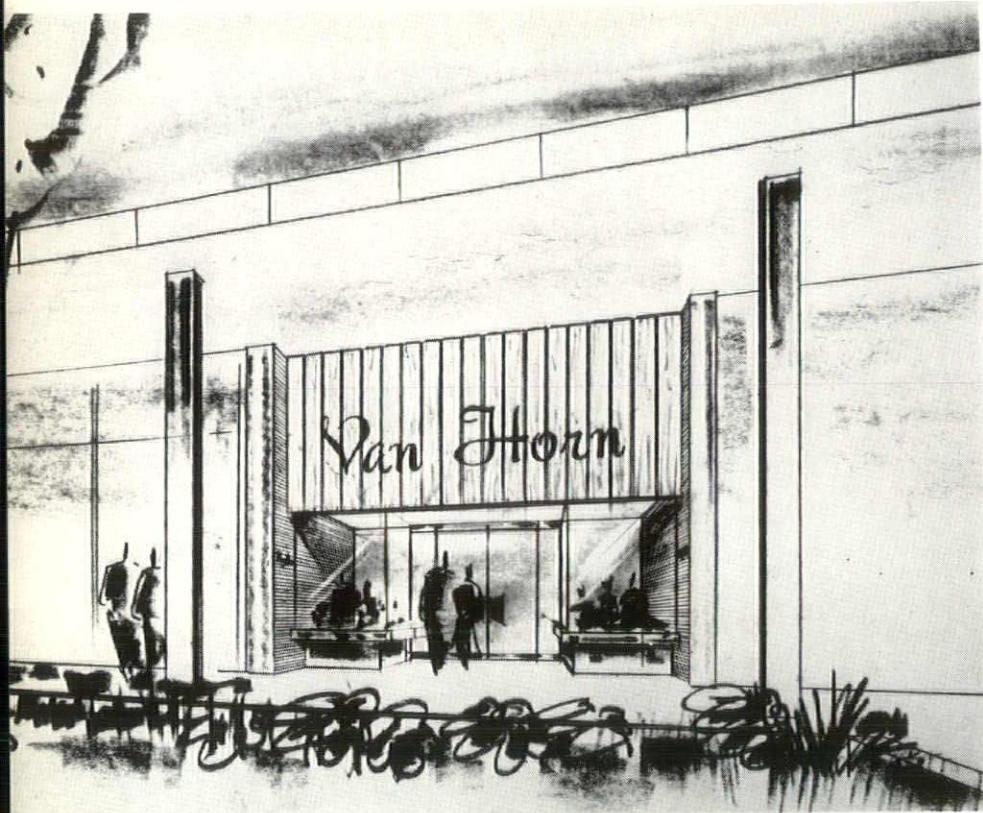


Package Pick-up-station for Kroger customers.



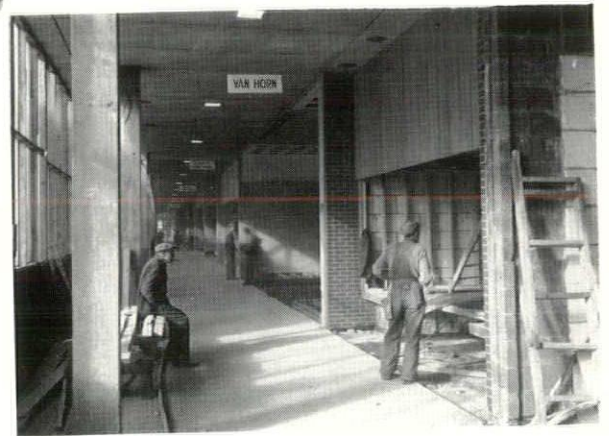
Sculpture mock-up to test scale.

associated stores and interiors

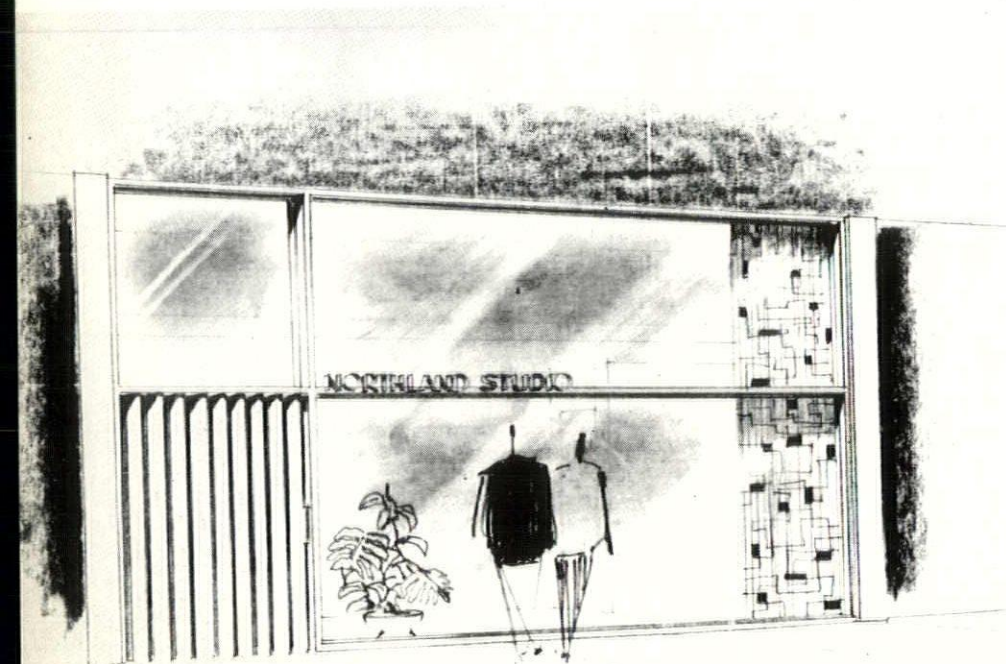


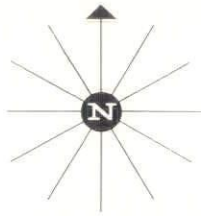
Perspective sketch of
Van Horn's men's apparel shop.

Typical tenant store during construction.

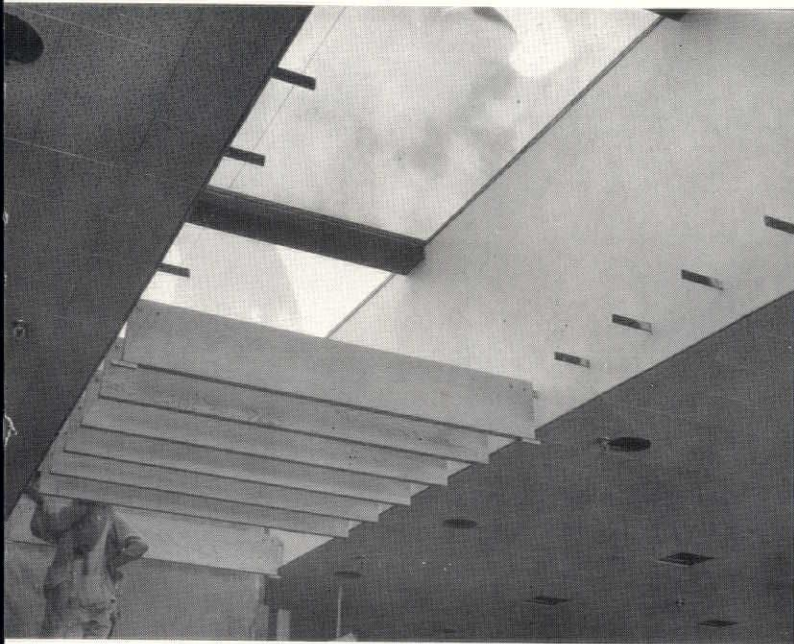
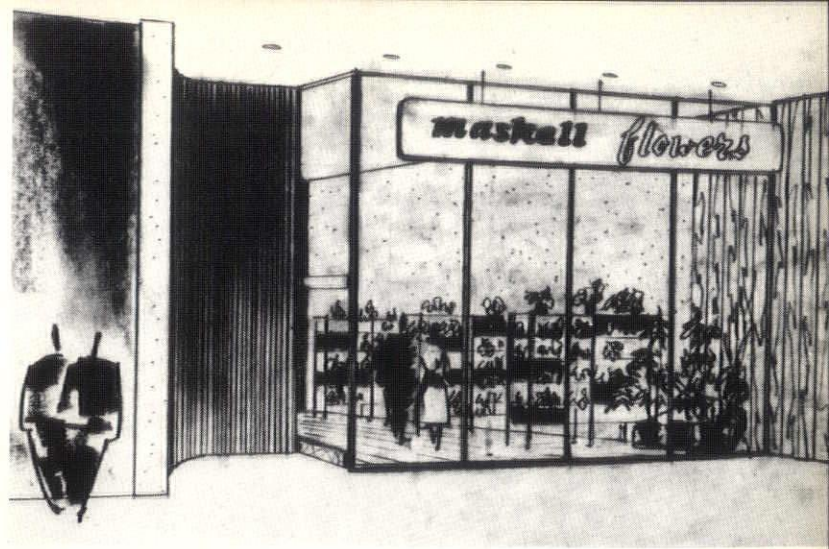


Sketch of Northland
Photographic Studio.





Perspective of Maskell Florist Shop.

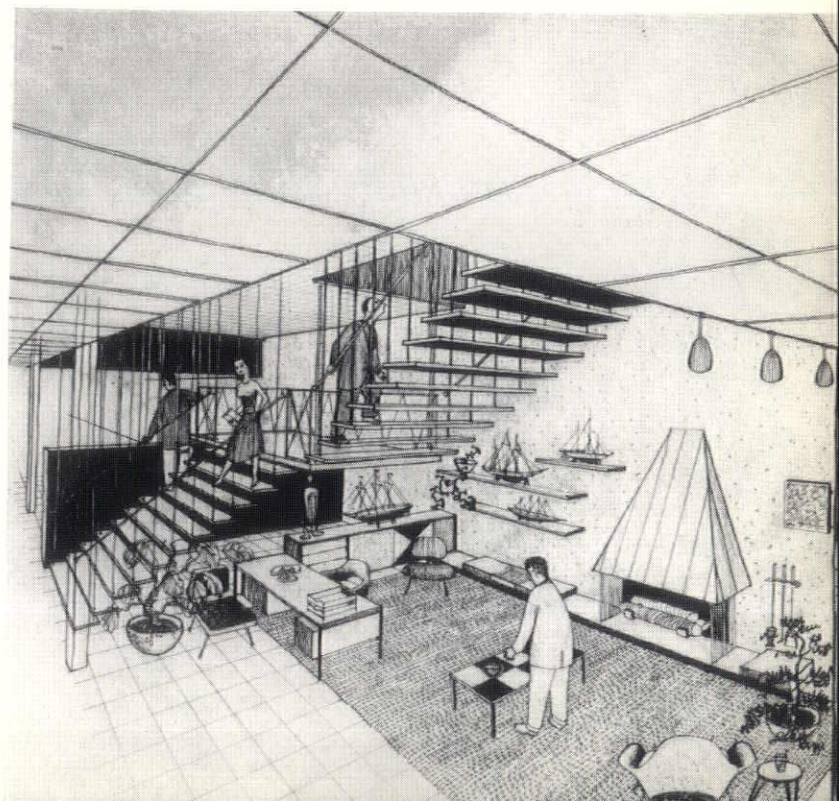


Skylight detail, Hudson's Restaurant.



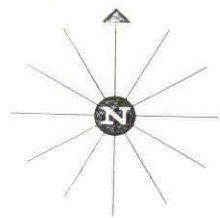
Interior view, Hudson's Store

Interior sketch, Englanders
Furniture Store



sculpture program

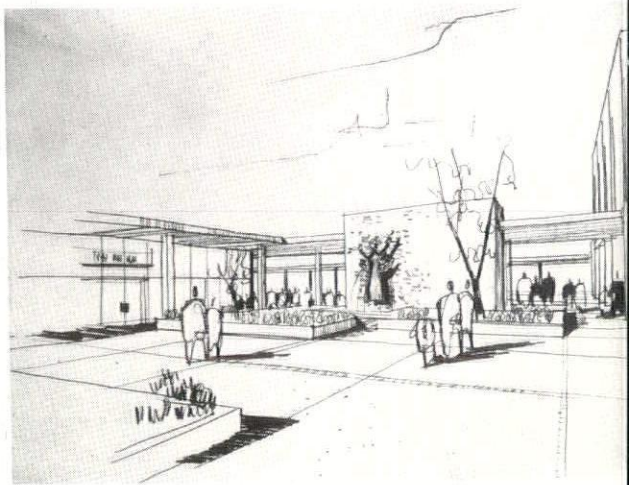
Marshall Fredericks
Richard Hall Jennings
Arthur Kraft
Gwen Lux
Malcolm Moran
Lily Saarinon



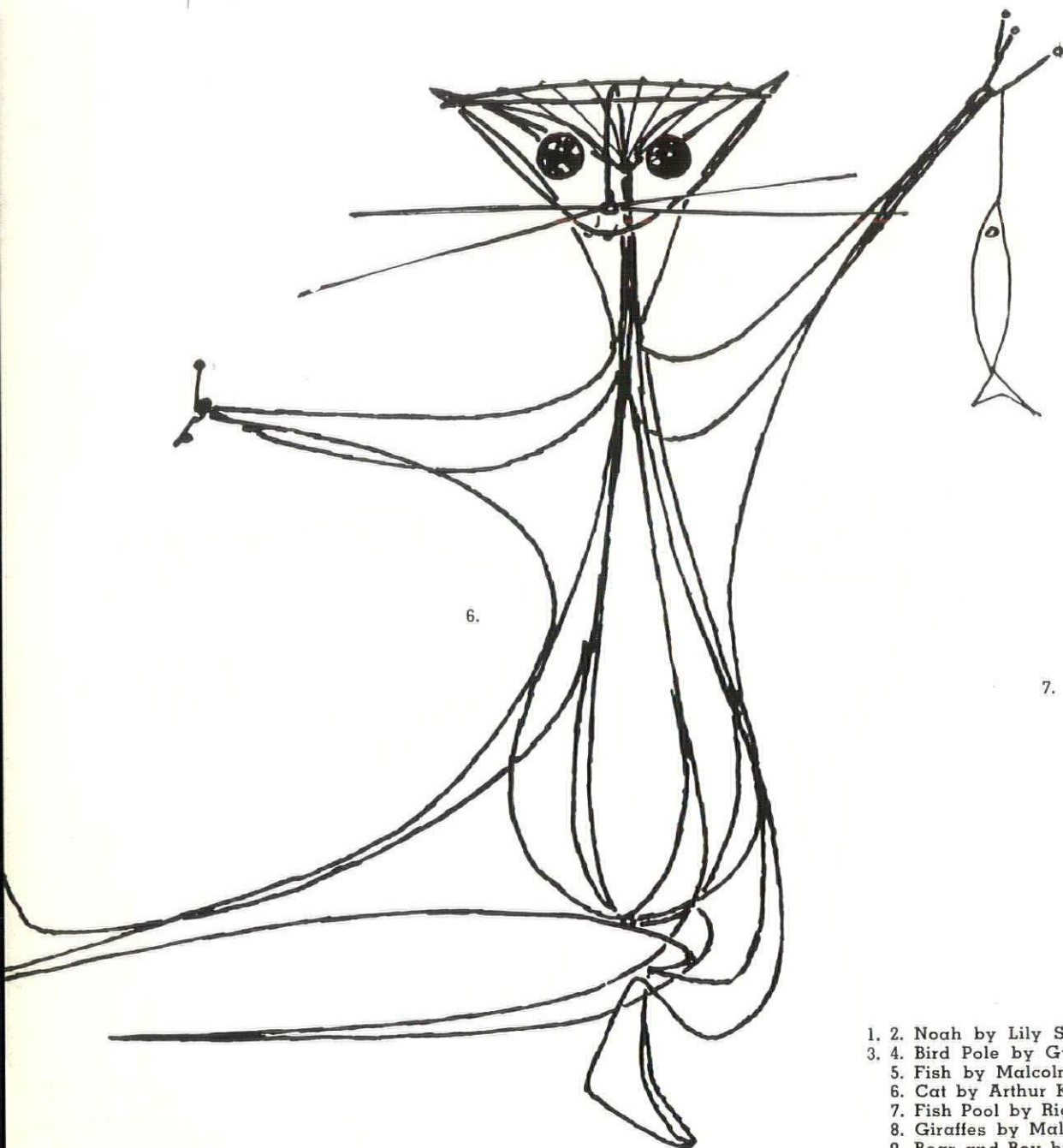
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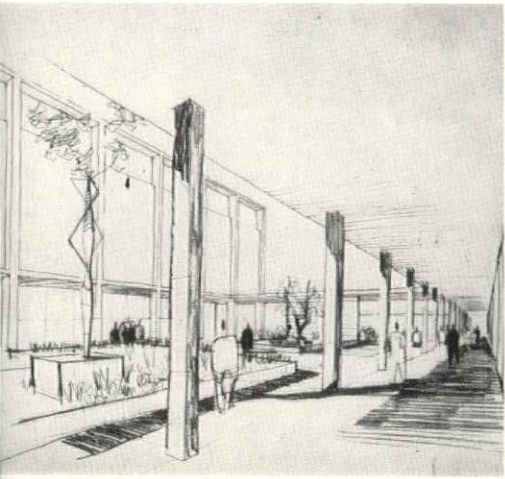


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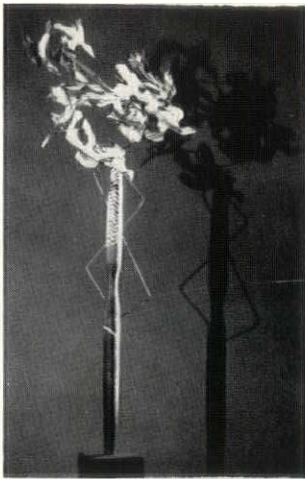


1. 2. Noah by Lily Saarinon
3. 4. Bird Pole by Gwen Lux
5. Fish by Malcolm Moran
6. Cat by Arthur Kraft
7. Fish Pool by Richard Hall Jennings
8. Giraffes by Malcolm Moran
9. Bear and Boy by Marshall Fredericks

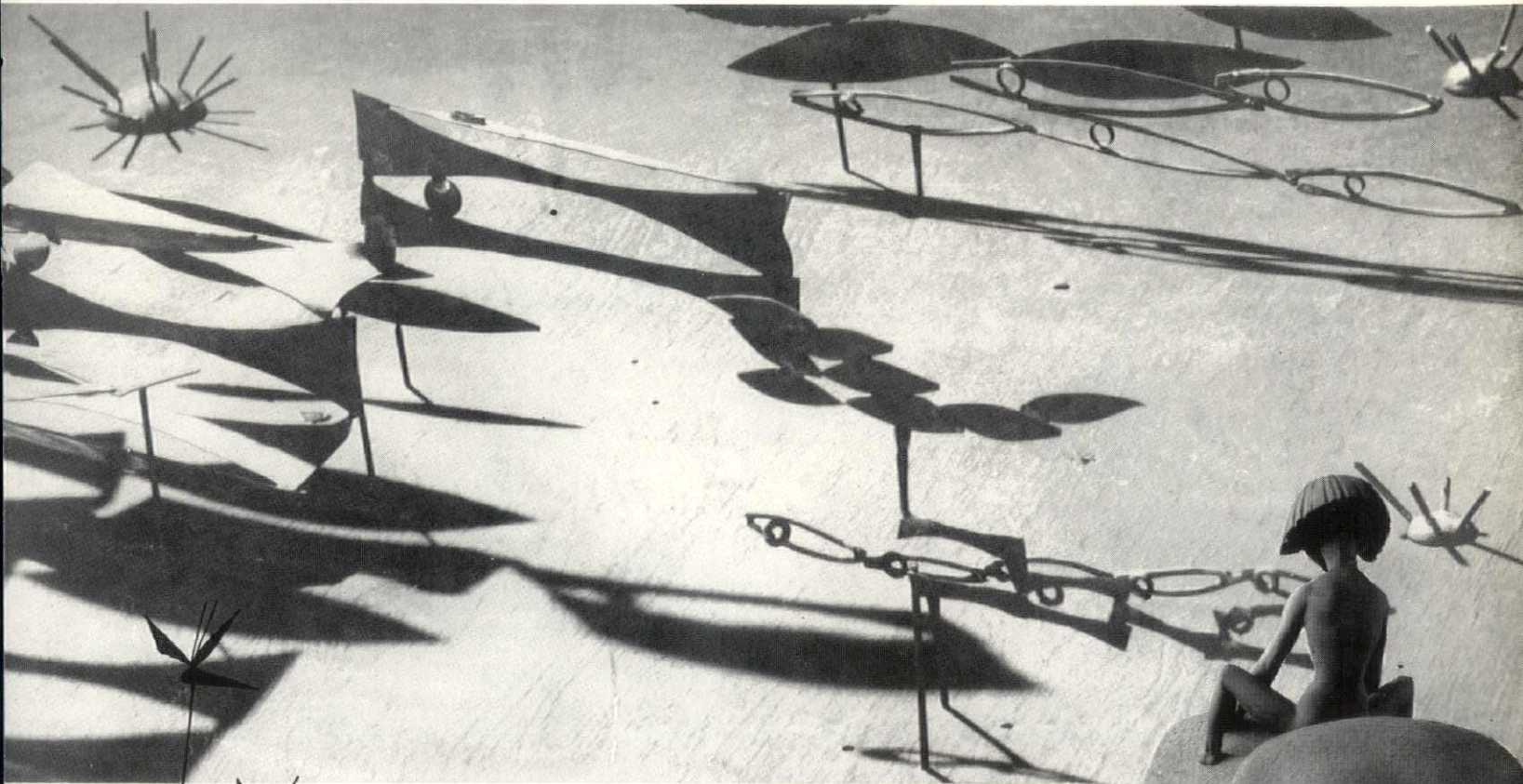
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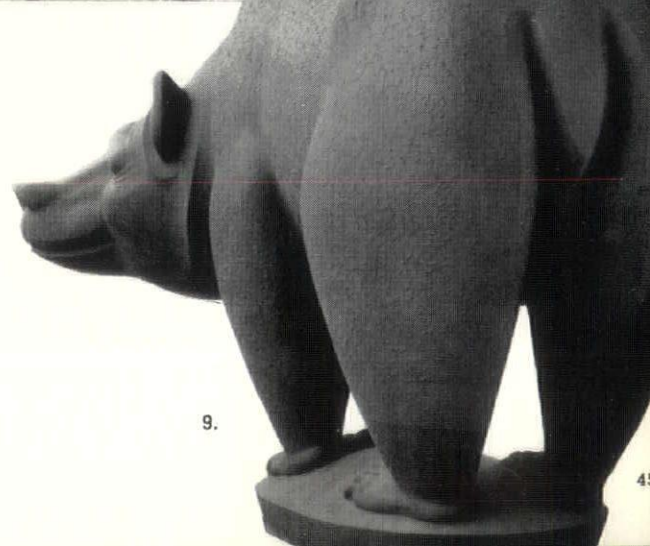
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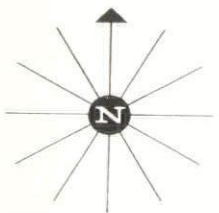


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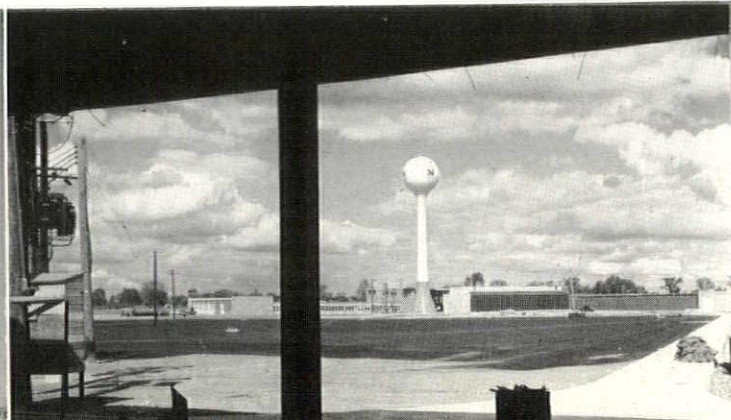
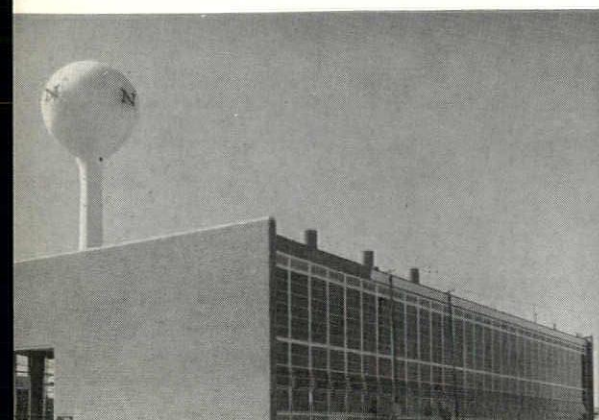
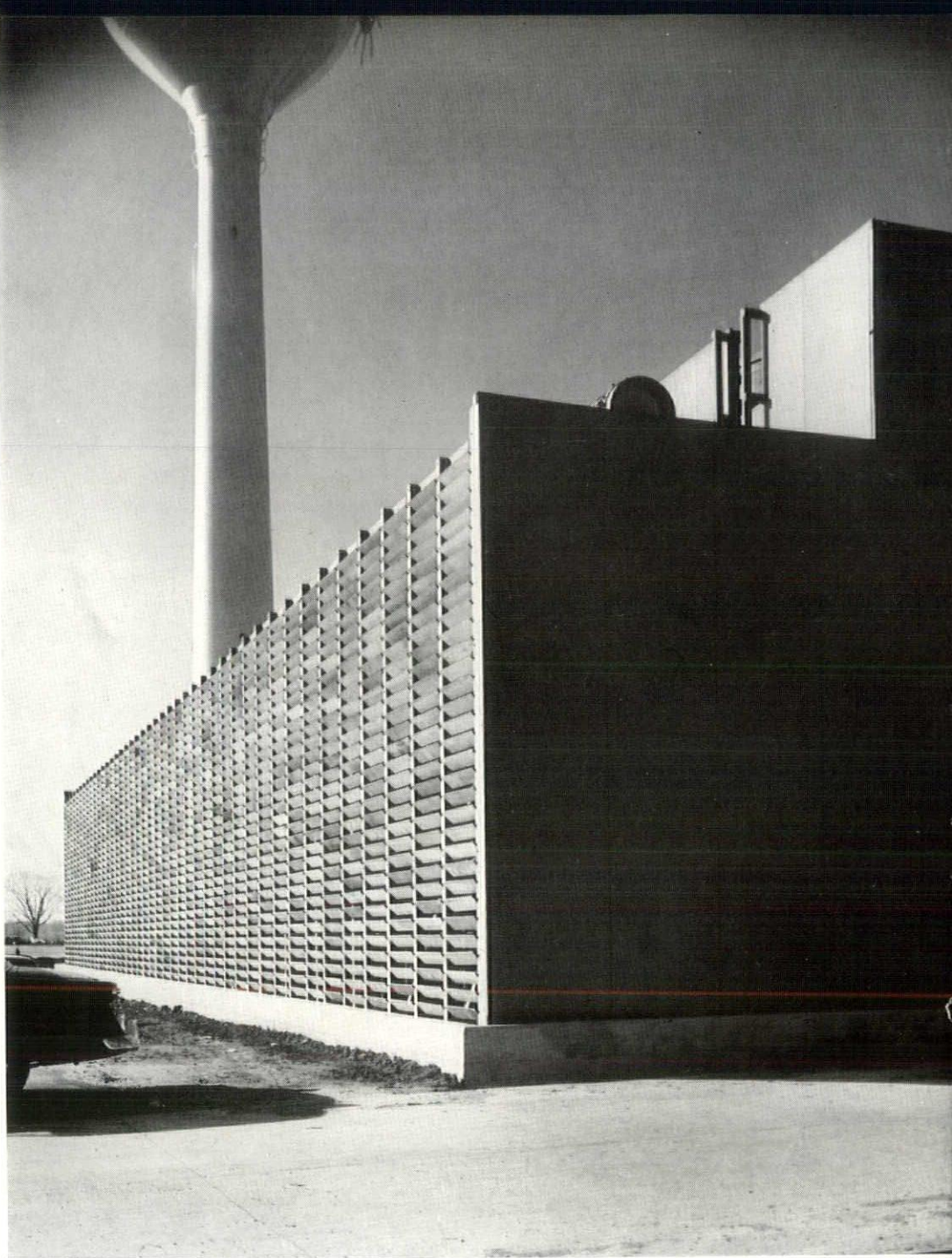


9.





utilities service group



Photographs of Northland
courtesy of Photograph House.

march '54 monthly bulletin



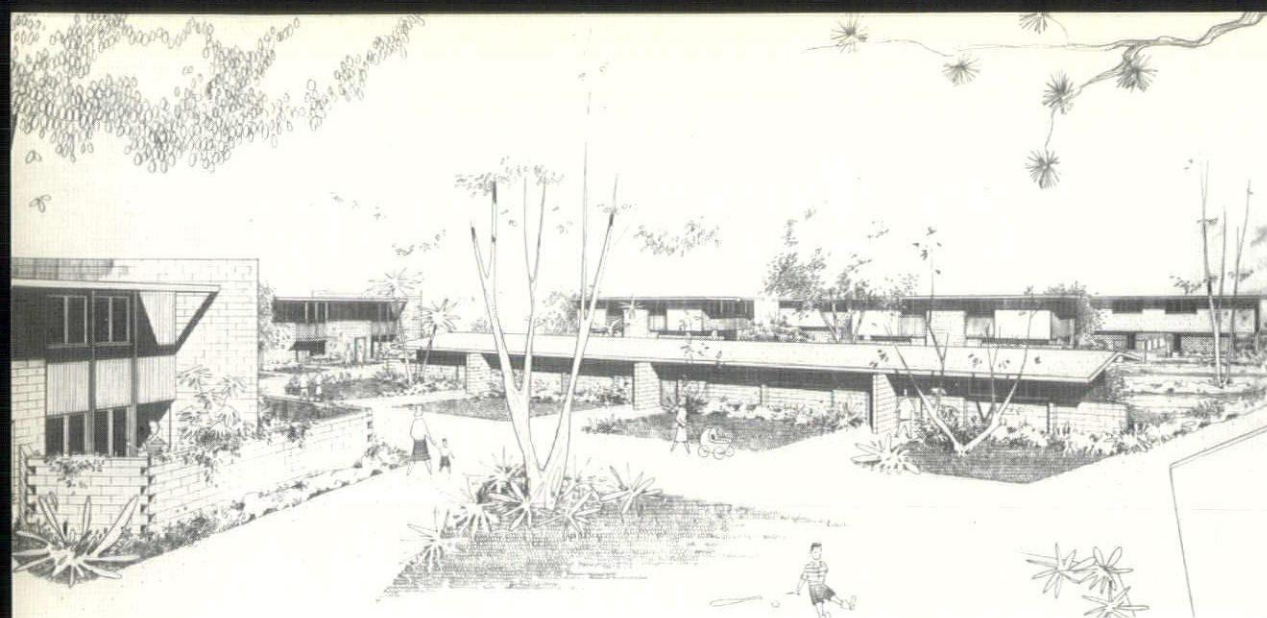
other work by
VICTOR GRUEN ASSOCIATES, INC.



BARTONS BONBONNIERE
New York City

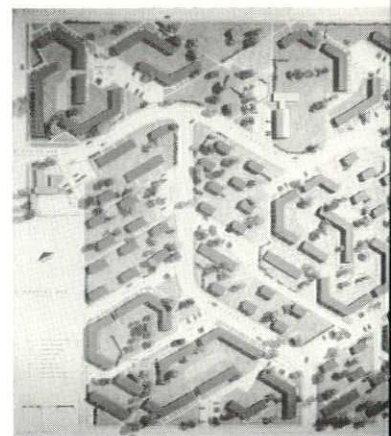
Residence of Mr. and Mrs. Edward Rubin
Los Angeles, Calif.





general view - one bedroom units

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site plan



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VICTOR GRUEN, A.I.A.

ASSOCIATED GENERAL CONTRACTORS OF AMERICA, DETROIT CHAPTER, INC., has re-elected A. S. James president. Other officers elected are John W. Armstrong, 1st vice-president; Alfred A. Smith, 2nd vice-president; G. K. Chapman, treasurer. Directors are John Colley, Fred Auch, C. Russell Slimmon. Past president Charles H. Richert remains as honorary director. Ralph A. MacMullan, secretary, manager for 31 years, was reappointed, as were John E. Kinsella, assistant secretary, and Robert J. Pear, assistant to the secretary.

LARRY A. HUME has been elected president of the Builders and Traders Exchange of Detroit; Fred P. Hirtzel and Edward J. Green, vice-presidents. William J. Goodson was re-elected treasurer. Directors include Joseph E. Bauer, Ralph E. Dailey, Walter W. Horn, Richard H. McManus and Ben T. Young. Edwin J. Brunner continues as secretary-manager.

The Winco Ventilator Company of St. Louis, Missouri, manufacturers of Aluminum Windows such as Custom Projected, Ribbon Windows for use with glass blocks, Window Walls, Curtain Walls, and Custom Windows, have recently appointed the Century Brick Company of Detroit as their representative for the Detroit area. They are representatives for the engineered jobs. The Century Brick Company will

have a department set up for the purpose of submitting information to the architect on all window products manufactured by Winco, and the use of glass blocks with their Custom Ribbon Windows. In addition, they will be able to service the job and work closely with the contractor.

Amedeo Leone, president of the Detroit Chapter, American Institute of Architects; Peter Vander Laan, president of the Western Michigan Chapter, A.I.A., and Frederick E. Wigen, president of the Saginaw Valley Chapter, have been named as a Michigan Society of Architects committee to study chapter boundaries. Talmage C. Hughes, of Detroit will also serve on the committee.

Purpose of the committee is to review the areas of the State currently allocated to each chapter, with the view of recommending a more equitable distribution, to eliminate the inconsistencies that exist with regard to the areas of the Detroit and Western Michigan chapters, and to consider the difficulties of the Saginaw Valley Chapter because of its small area.

Tentatively, the Committee has recommended that the Saginaw Valley Chapter be given about one-half of the Lower Peninsula and all of the Upper Peninsula, and that the counties of Ingham and Jackson be transferred from the Detroit Chapter to the Western Michigan Chapter.

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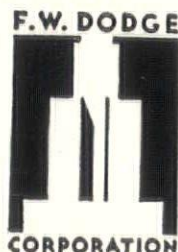
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Construction News Division

F. W. DODGE CORPORATION

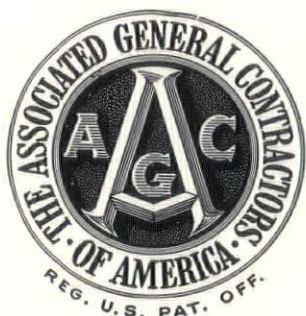
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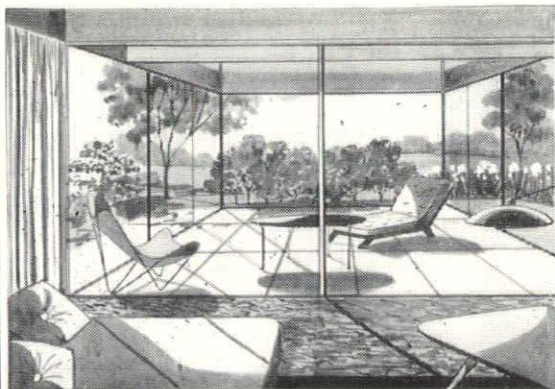
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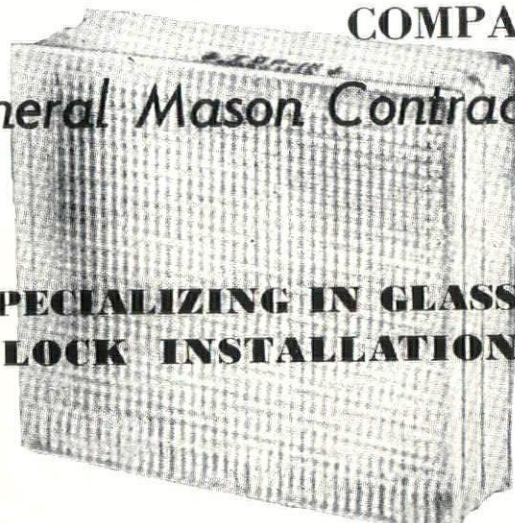
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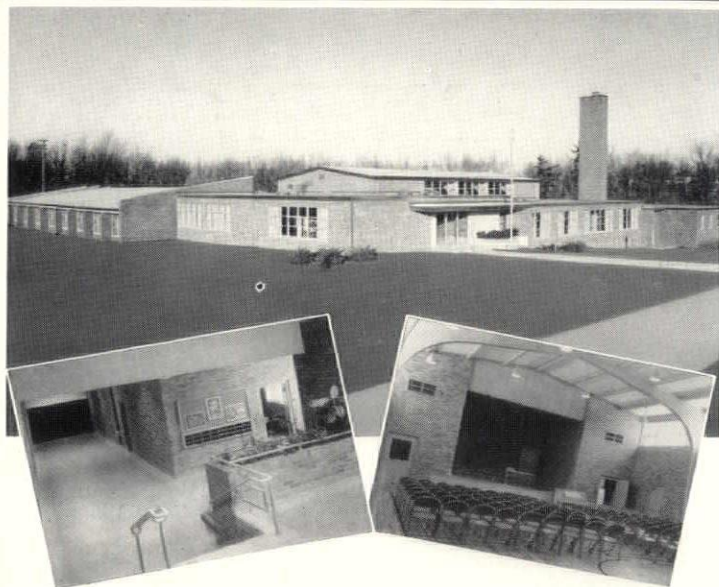
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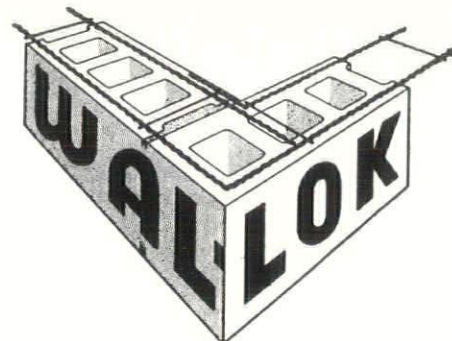
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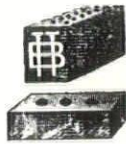
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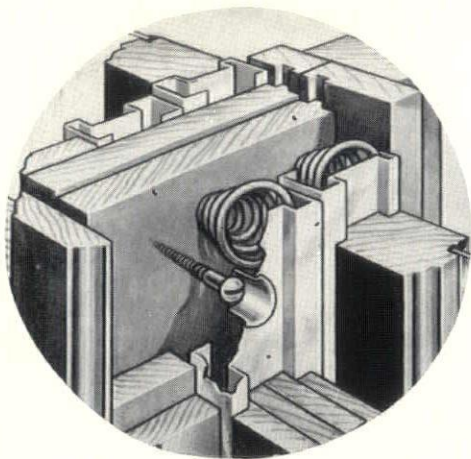
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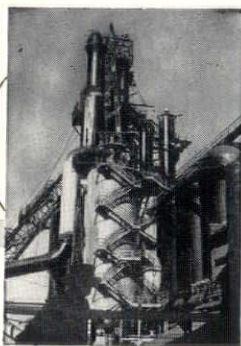
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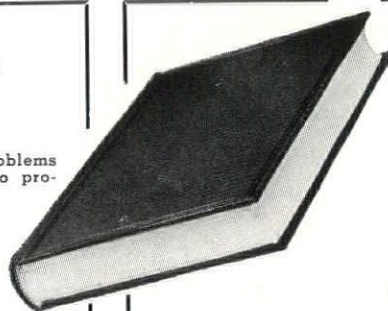
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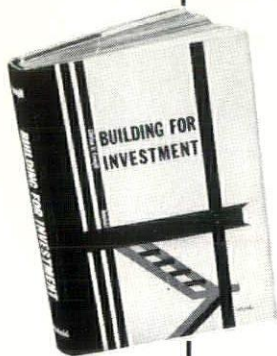
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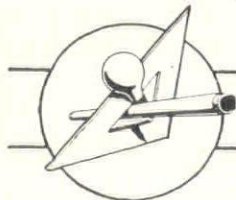
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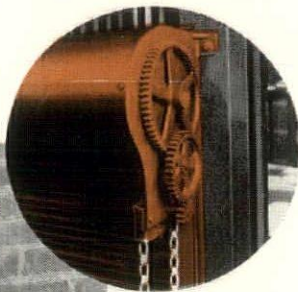
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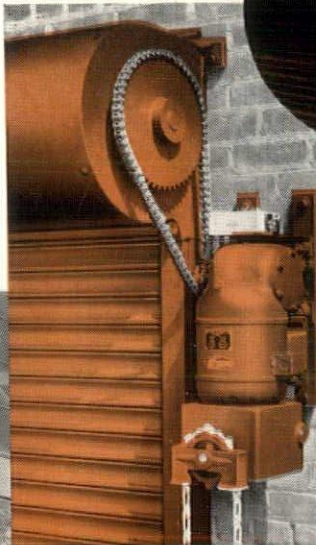


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