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NORTHWEST ARCHITECT

**Second
Annual
Awards
Issue**

**November
December
1958**

•

**Volume XXII
Number Six**

GEO. F. PETTINGILL, L.L.B.
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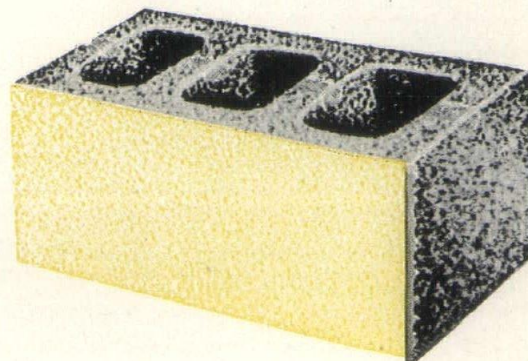


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NORTHWEST ARCHITECT

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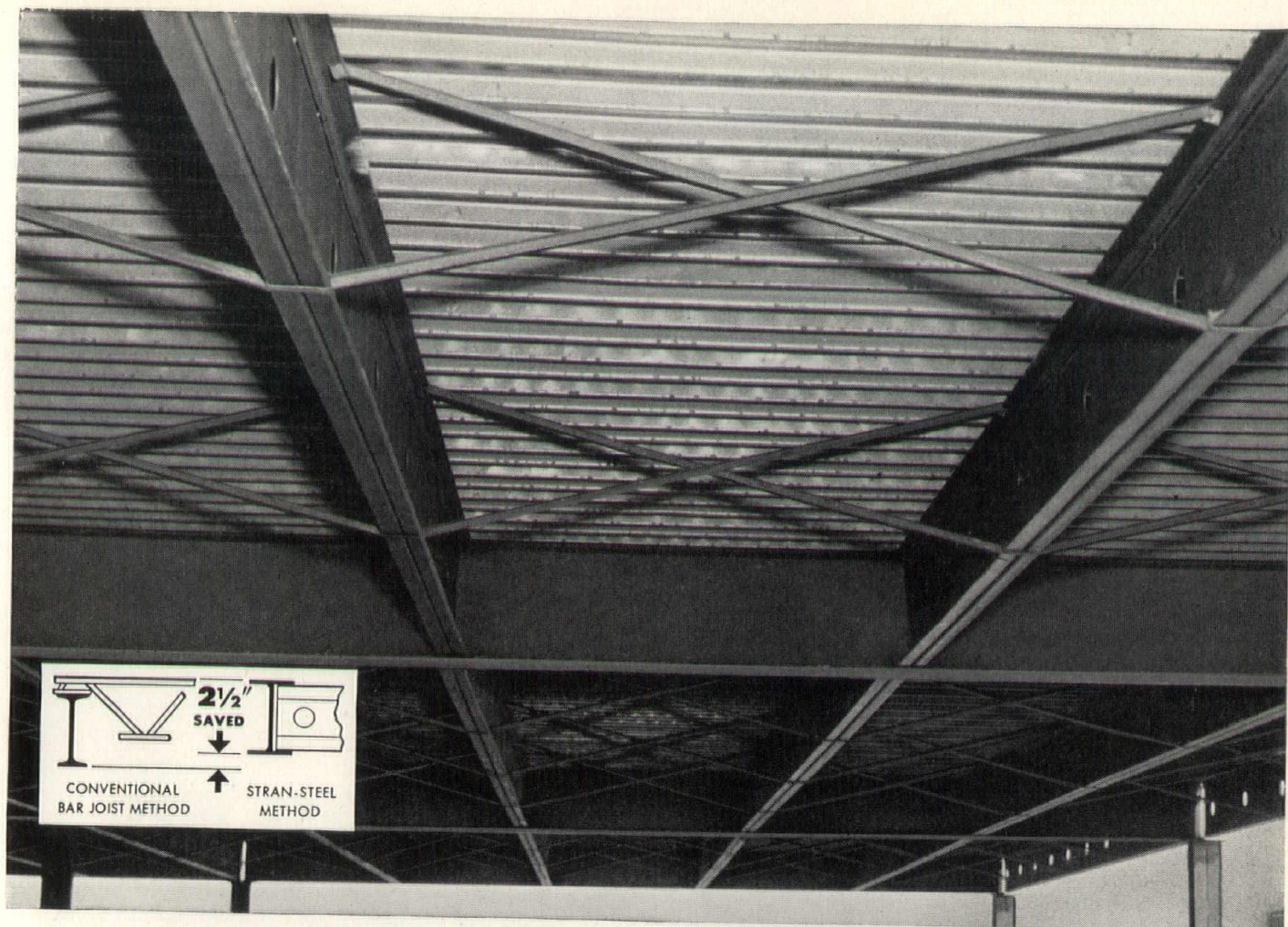
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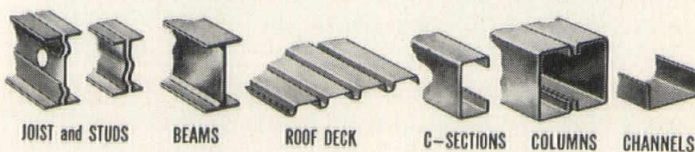
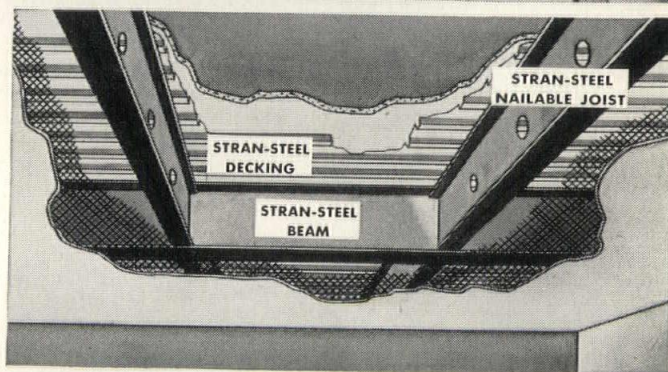
NORTHWEST ARCHITECT



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Stran-Steel's Floor-Ceiling system integrates wide flange beams, nailable joists and roof decking into one money-saving combination.

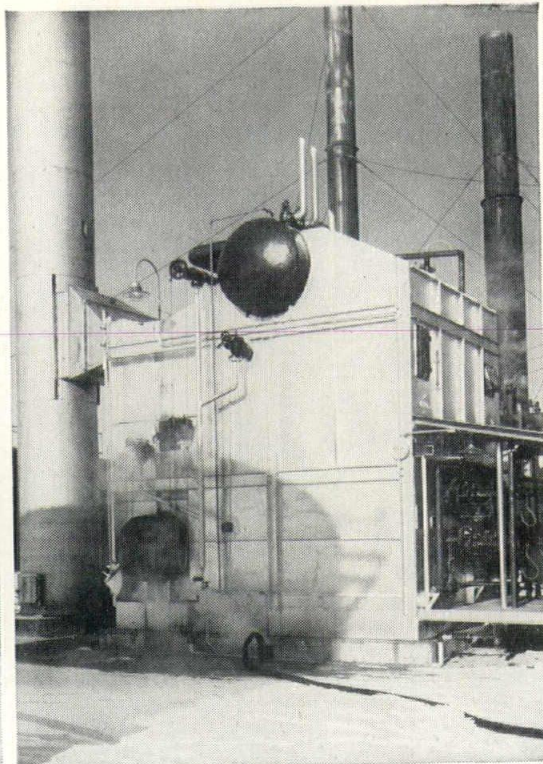
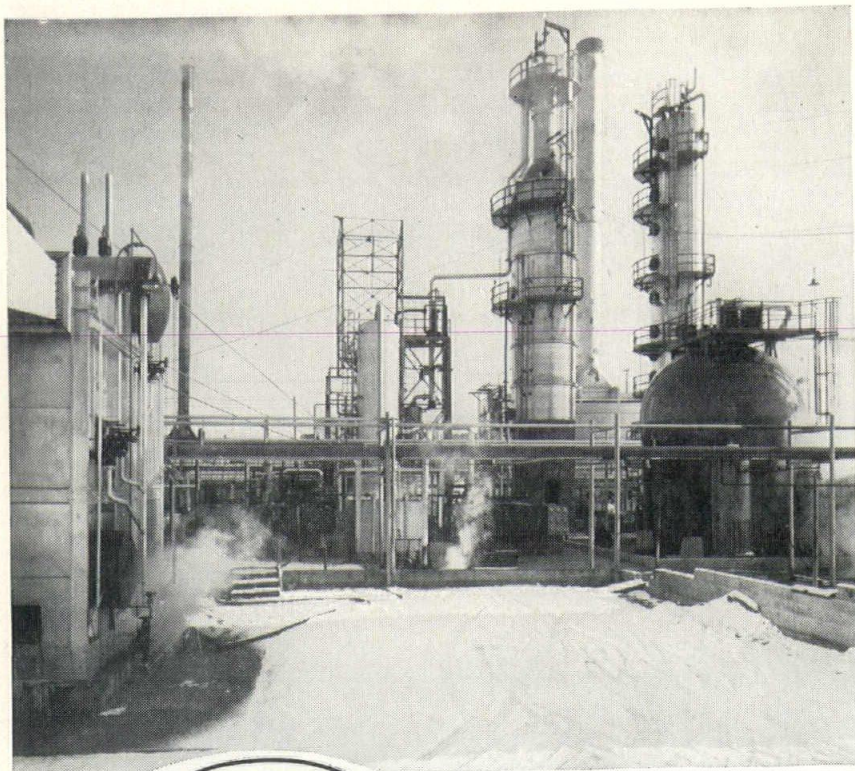
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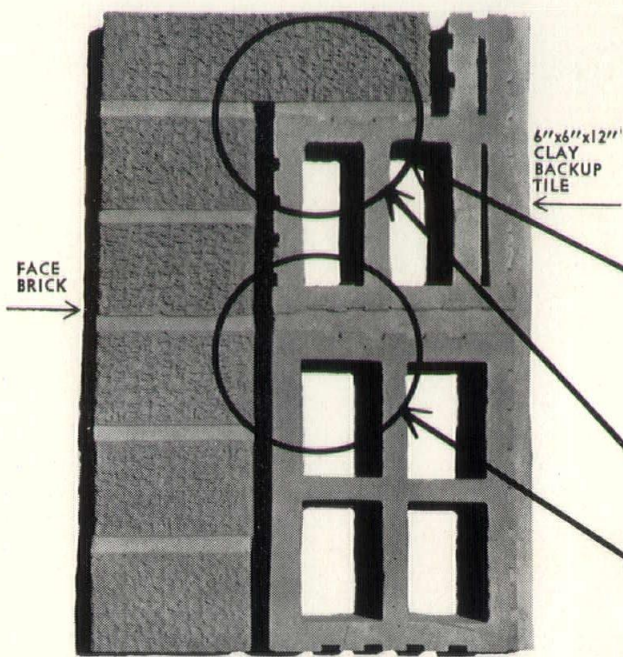


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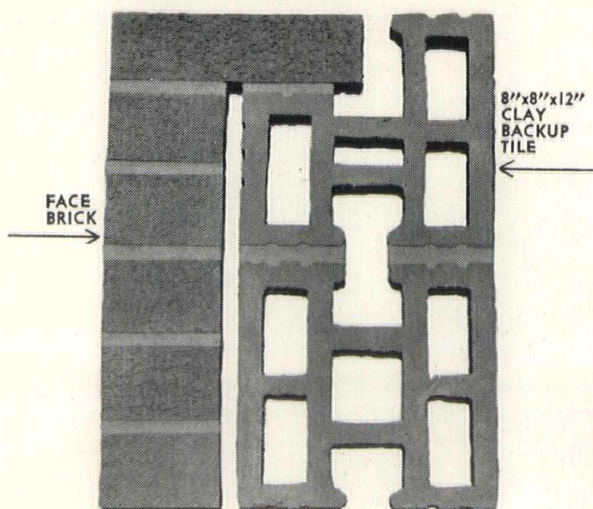
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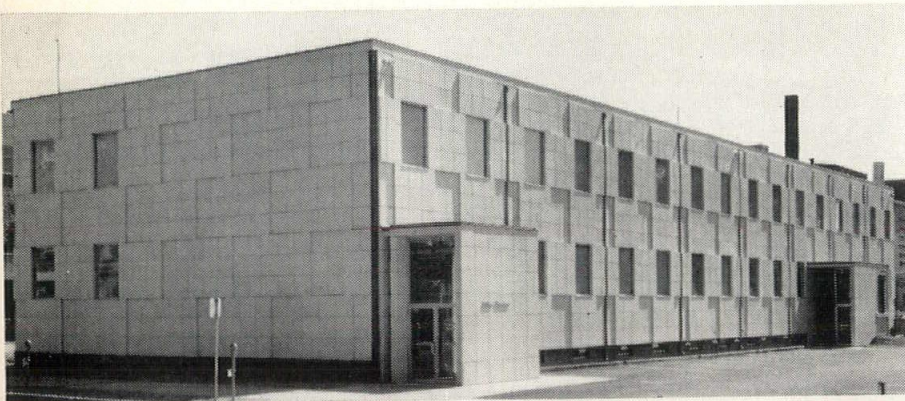
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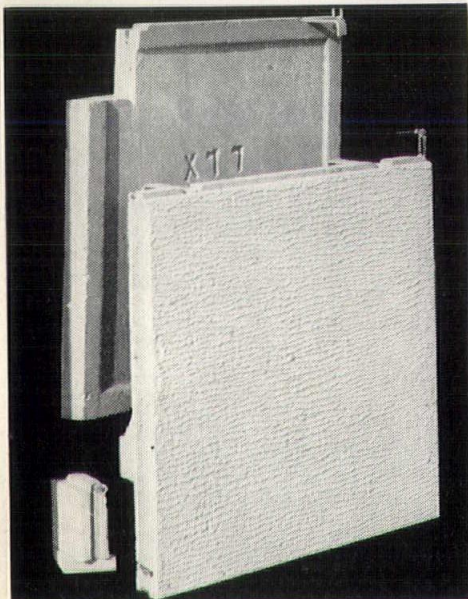
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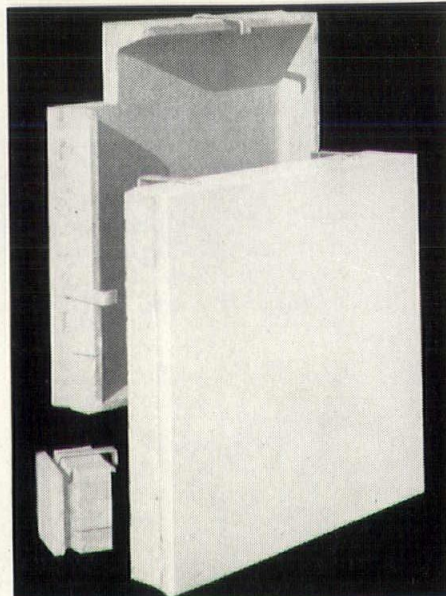
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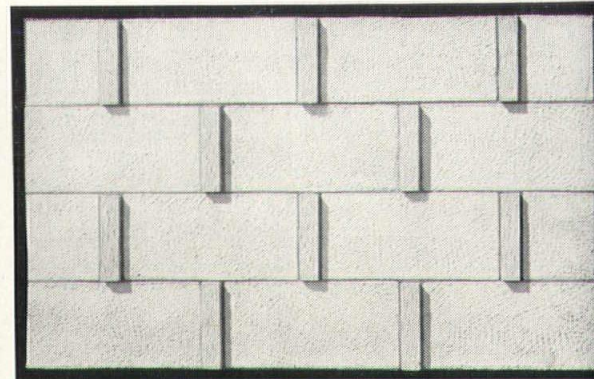
Phillips Petroleum Building, 215 South 11th Street, Minneapolis. The walls are made of 2" and 4" standard slabs in honed surface finish.



Standard 4" facing slab in honed surface finish. Can be bolted, nailed or anchored to any kind of backing, with or without footings.



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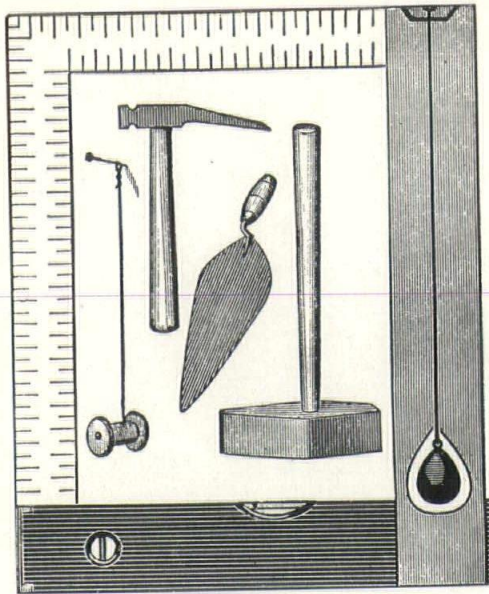
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Thermo-Sash

ALUMINUM WINDOWS



In the St. Cloud National Bank Building . . . designed by architects Larson and McLaren, Kesko Thermo-Sash was selected extensively for the large glass openings . . . designed to withstand windload pressure.

Architects

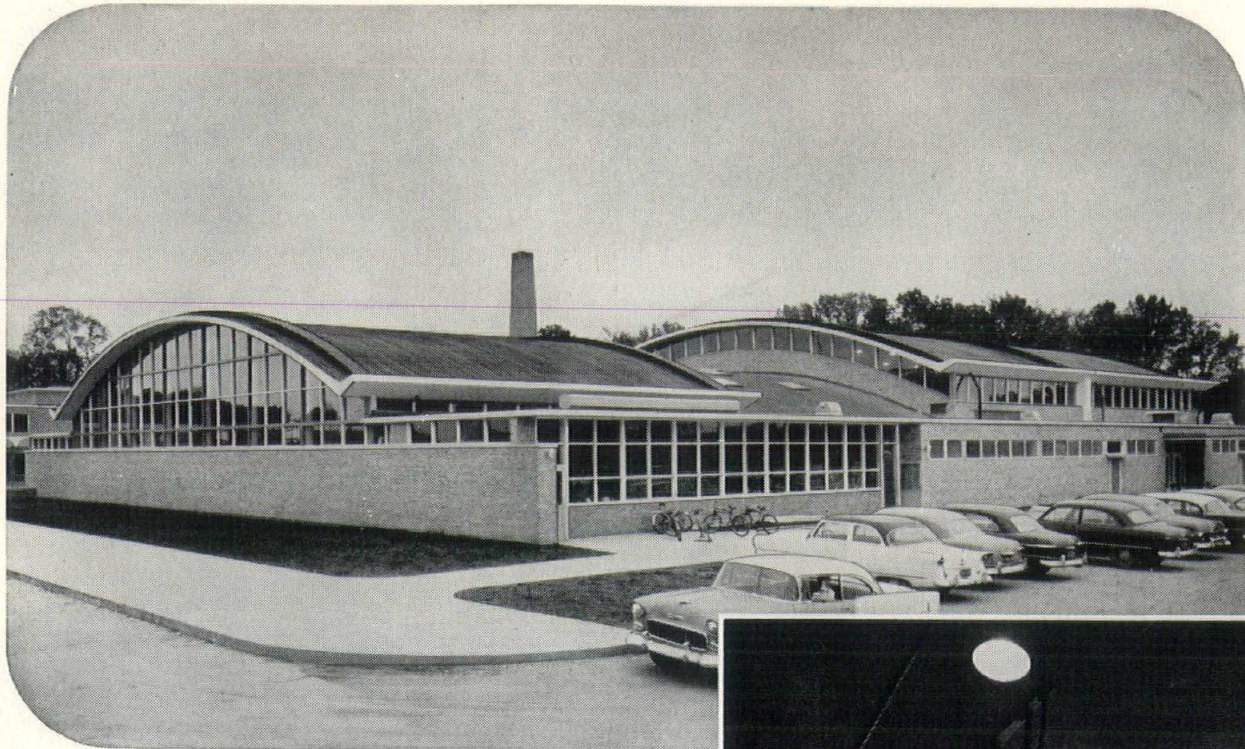
Thermo-Sash installation provides freedom from condensation on interior surfaces at normal humidity, even at outdoor temperatures of 20° below freezing as the insulating core between inner and outer members voids frost. Each opening was completely fabricated as one single unit. All joints and panels factory sealed assuring absolute resistance to water penetration.

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The first concrete shell roofs constructed in Michigan were used in the Edsel Ford High School in Dearborn. Four shell units were built: two over the boys' gym, one over the girls' gym, and a fourth over an intermediate building housing the swimming pool and locker rooms. All four roofs have spans of 100 ft. and identical arches of 121-ft. radius and a rise of 13 ft.

Concrete shell roof construction was selected because (1) it provided unobstructed interiors, (2) it was adaptable to the architectural design and (3) it was economical to build.

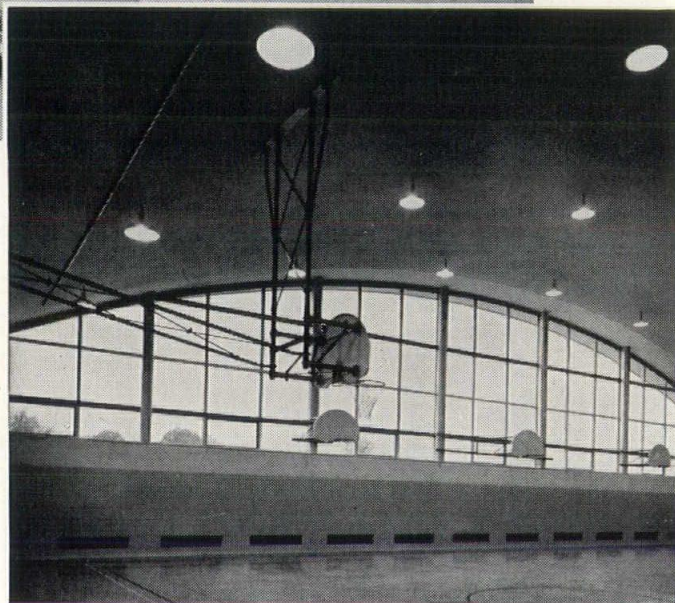
Concrete shell roof construction is gaining rapidly in popularity with architects and engineers for buildings requiring large unobstructed floor areas. Roofs with spans up to 300 ft. and more can be built without interior columns. They are ideal for auditoriums, exhibit halls, hangars, train sheds, repair shops and warehouses.

Concrete shell roofs are economical to build, need little or no maintenance, have long life and low insurance rates. They are true *low-annual-cost* construction. Write for free illustrated literature. Distributed only in the United States and Canada.

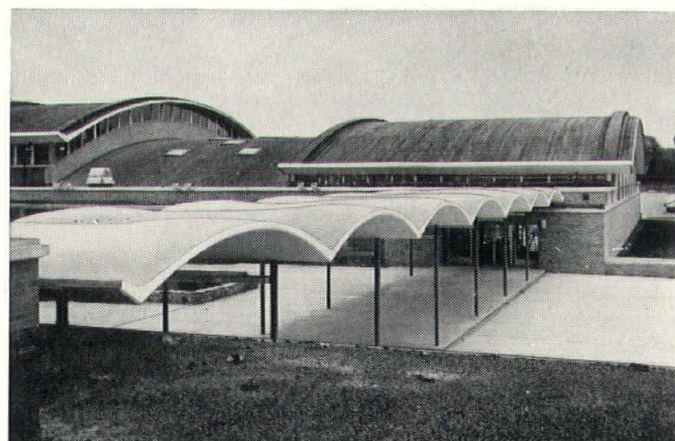
PORTLAND CEMENT ASSOCIATION

1490 Northwestern Bank Bldg., Minneapolis 2, Minn.

A national organization to improve and extend the uses of portland cement and concrete . . . through scientific research and engineering field work



Large photo shows completed structure. Girls' gym is in foreground, boys' gym in rear. Depressed roof between gyms covers swimming pool and locker rooms. Small photo above shows clean, unobstructed interior in boys' gym. Photo below shows how shell roof design was repeated in roof over walk connecting gymnasium wing with auditorium. Architect, Eberle M. Smith Associates, Inc.; engineer, Alfred Zweig; contractor, O. W. Burke Construction Co. All are from Detroit.



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is a national organization of building products manufacturers and associations. Its membership is composed of individual companies manufacturing quality building products and equipment and of trade associations representing producers of building materials and equipment.

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- To encourage the greater use of quality building materials and equipment.
- To broaden the market for building products by bringing about improvement in building methods.
- To increase the usefulness of manufacturers product literature.
- To establish local chapters which would act as centers for product information.

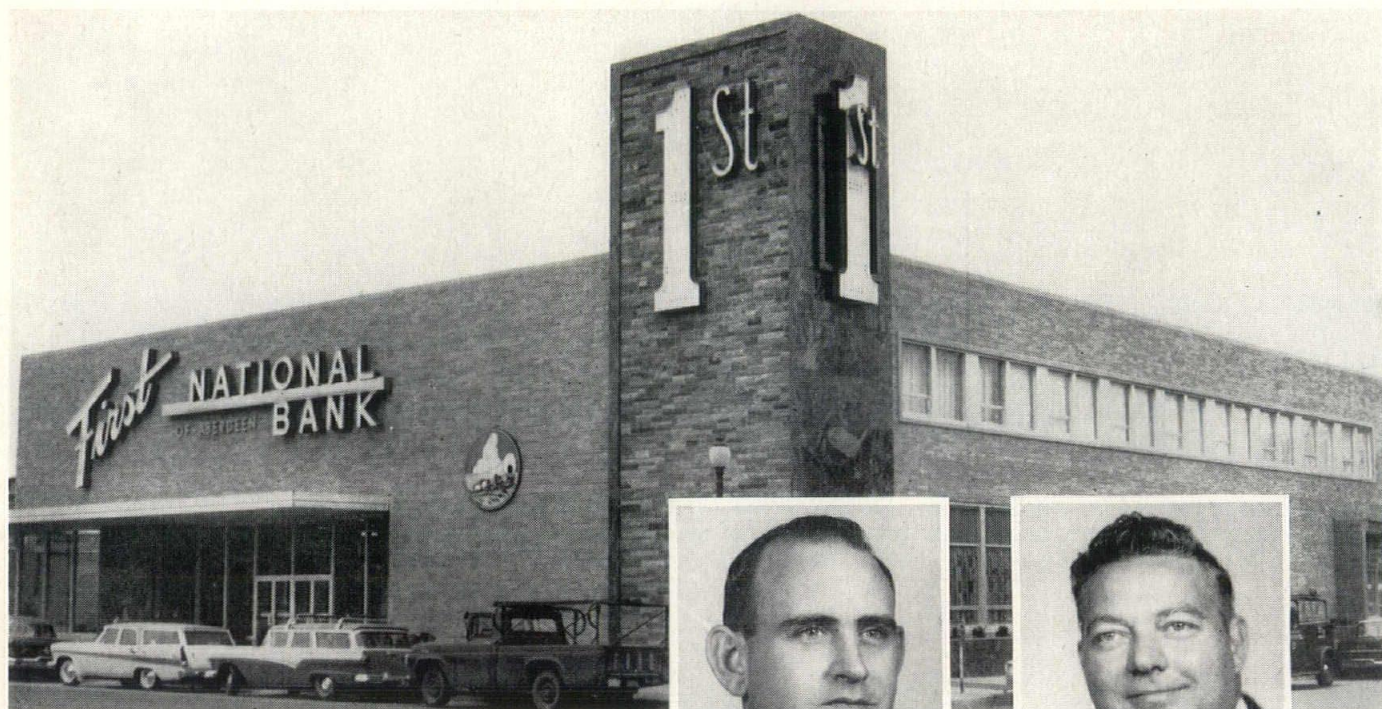
THE MINNESOTA-DAKOTA CHAPTER

a member of the National Council meets regularly with local architects, home builders and other construction groups in its endeavor to keep those who buy or specify building materials and equipment abreast of the latest product developments.

**The Minnesota-Dakota Chapter
Producers' Council, Inc.**



New 1st National Bank Aberdeen, South Dakota, carpeted with **LOMA LOOM**



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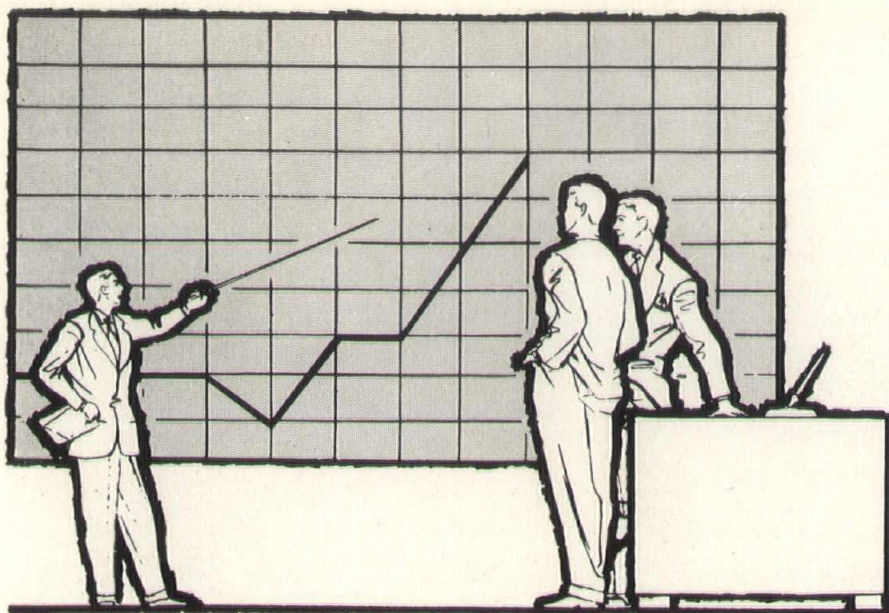
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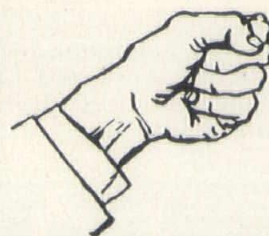
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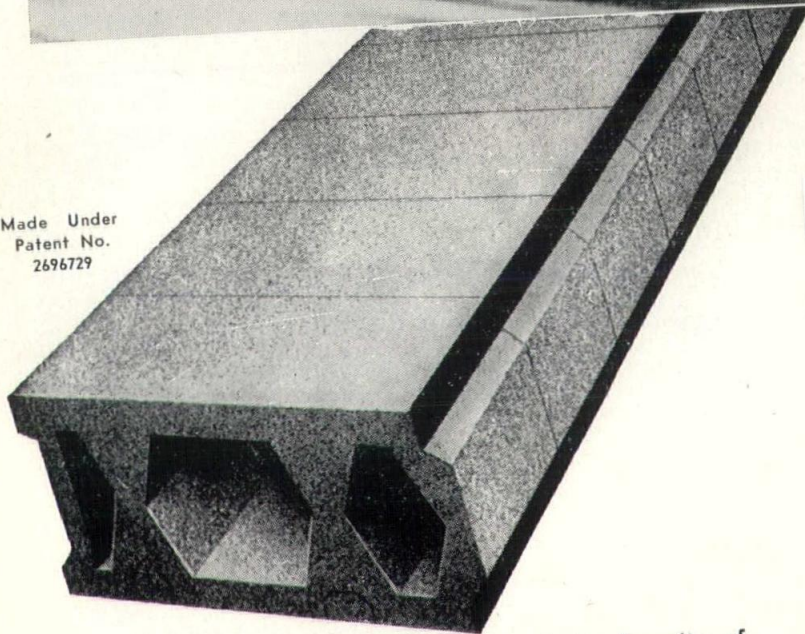
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DOX BLOCK SYSTEM

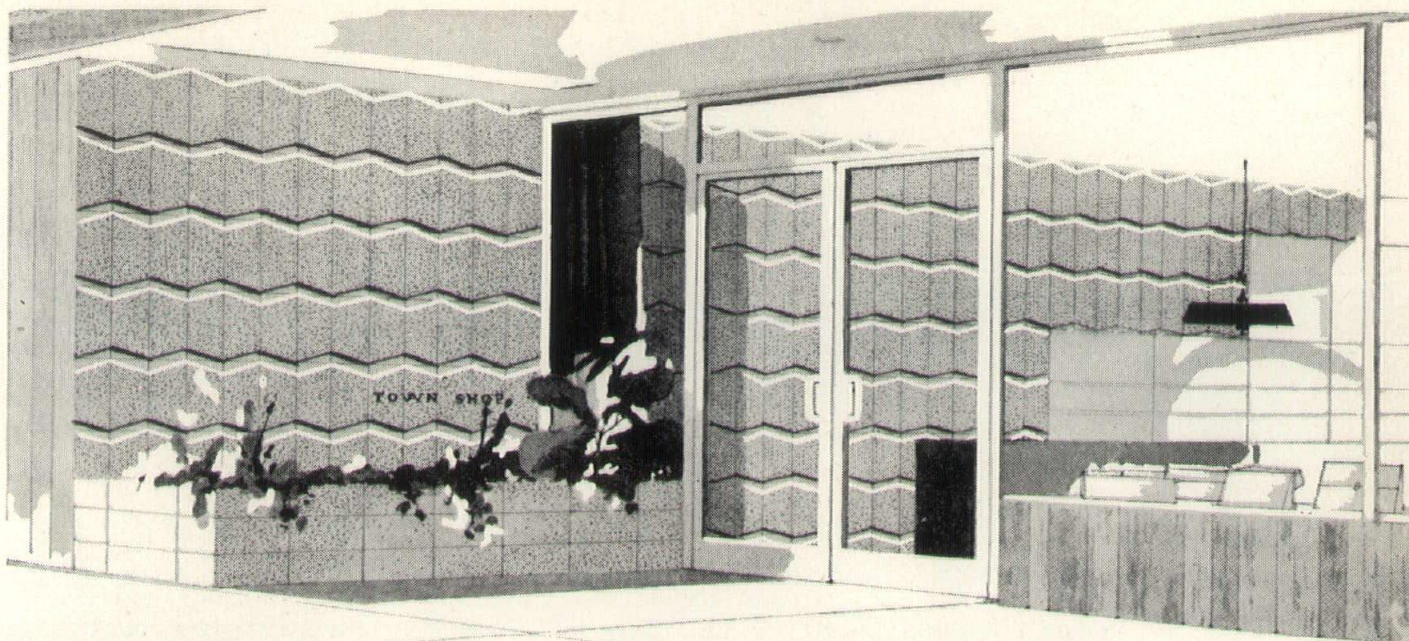
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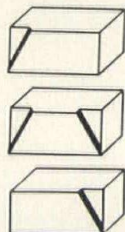
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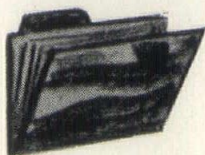
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HERE'S THE SECRET OF SHADOWAL BLOCK

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The Modern Masonry Veneer

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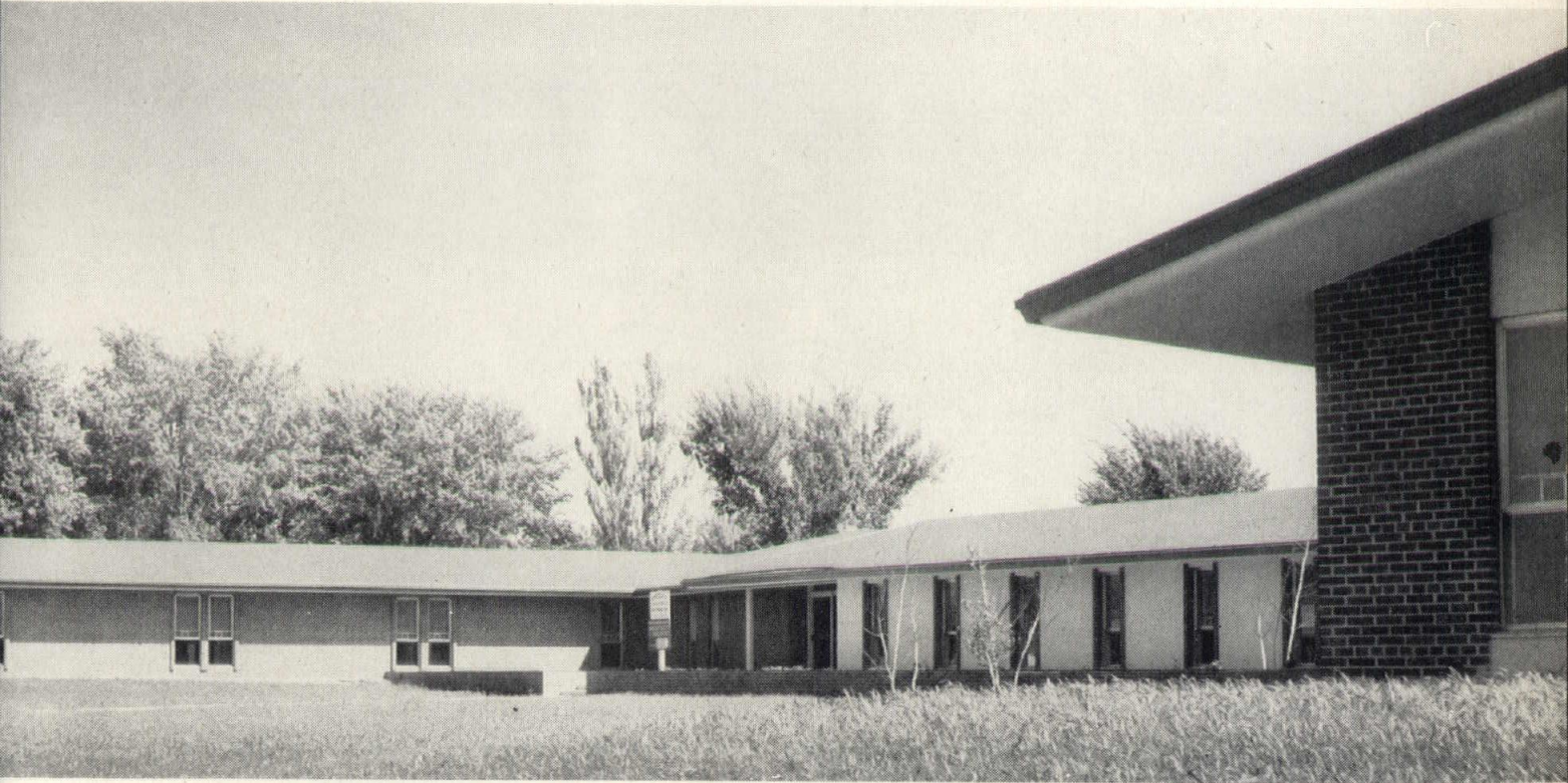
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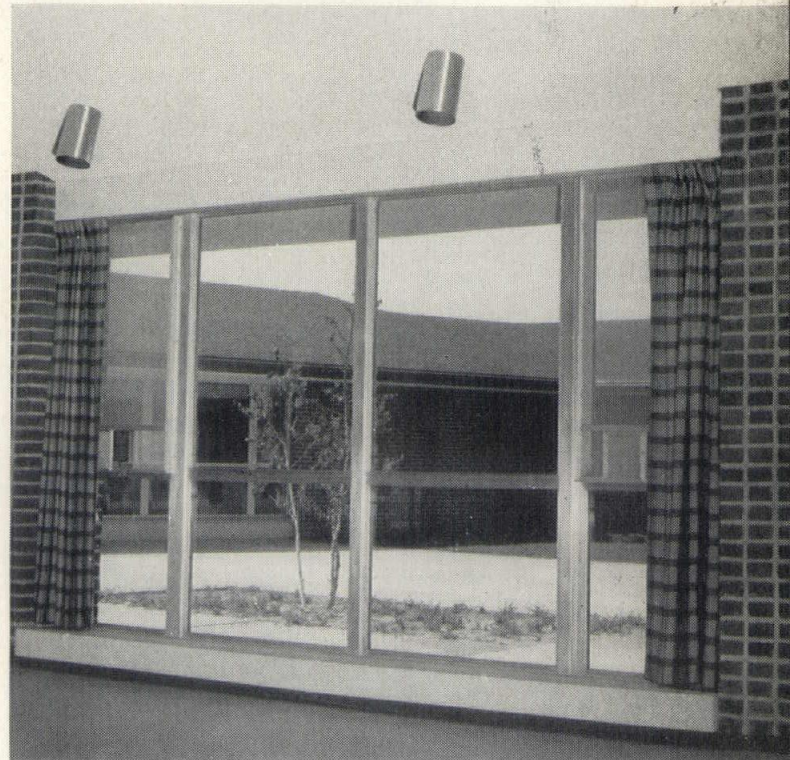
AWARDS - MSA Convention



HONOR AWARD

Dormitory State School and Hospital Faribault, Minnesota

Haarstick,
Lundgren and
Associates
St. Paul, Minnesota



These following pages take the place of our usual monograph and are the results of selection by a jury made up of Richard M. Bennett, FAIA, Chicago, Prof. Ralph W. Hammett, AIA, Ann Arbor, Mich., and Harold T. Spitznagel, AIA regional director, Sioux Falls, S. D.

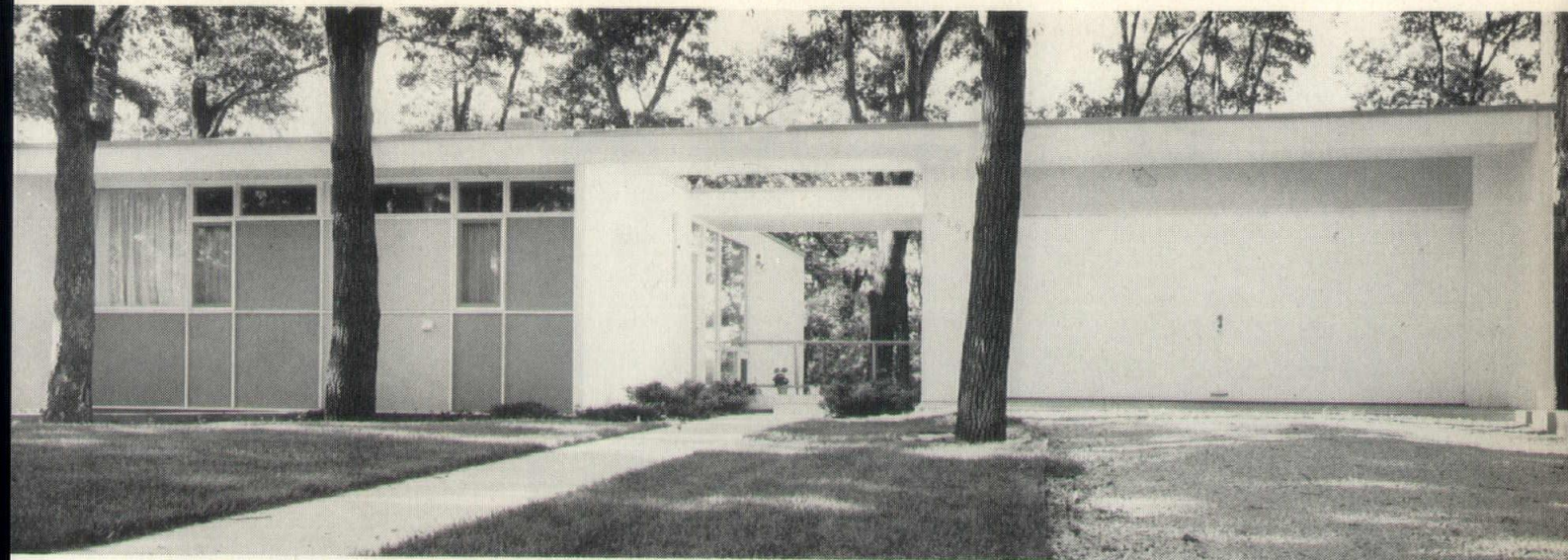
HONOR
AWARD



Girl Scouts' Camp Cassaway

Magney, Tusler, and Setter

Minneapolis, Minnesota



HONOR AWARD

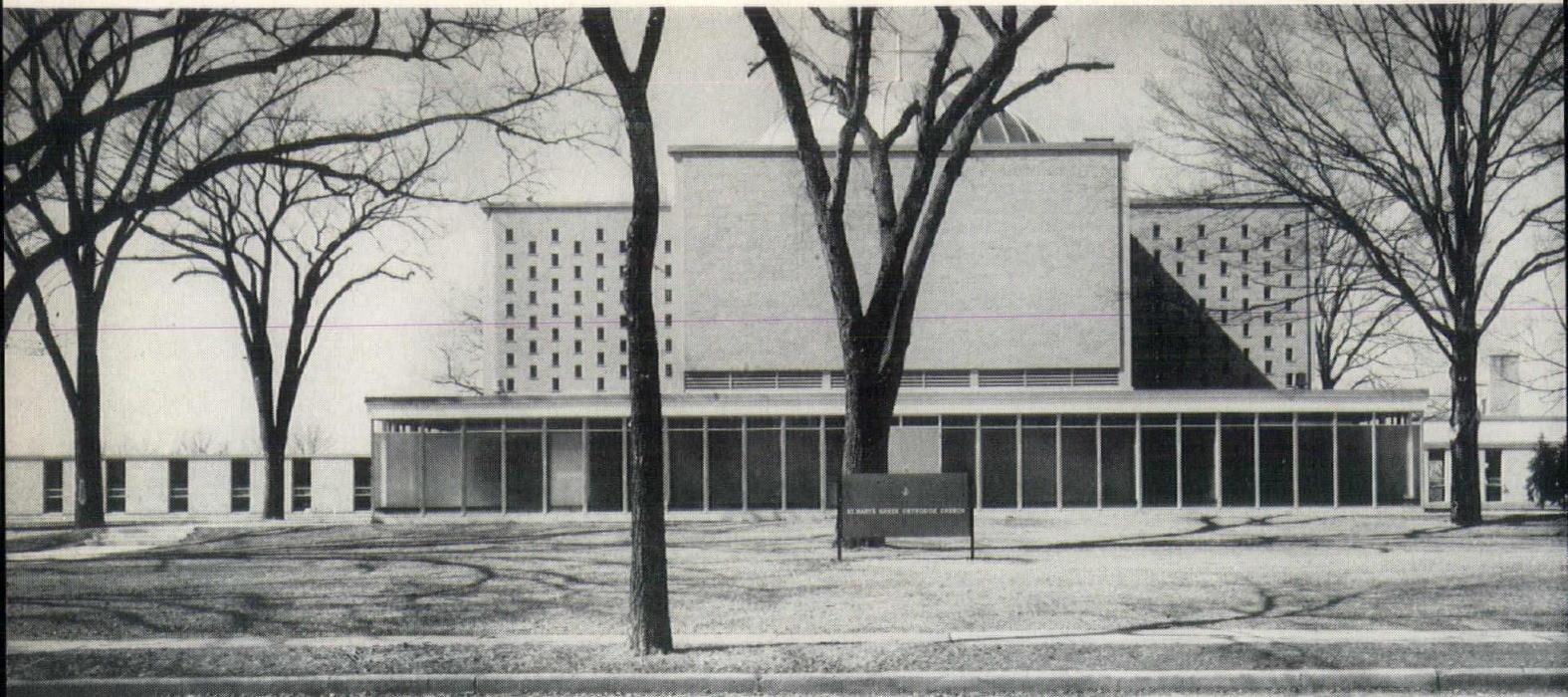
Residence of Prof. W. G. Shepherd

Falcon Heights, Minnesota

Ralph Rapson

Minneapolis, Minnesota





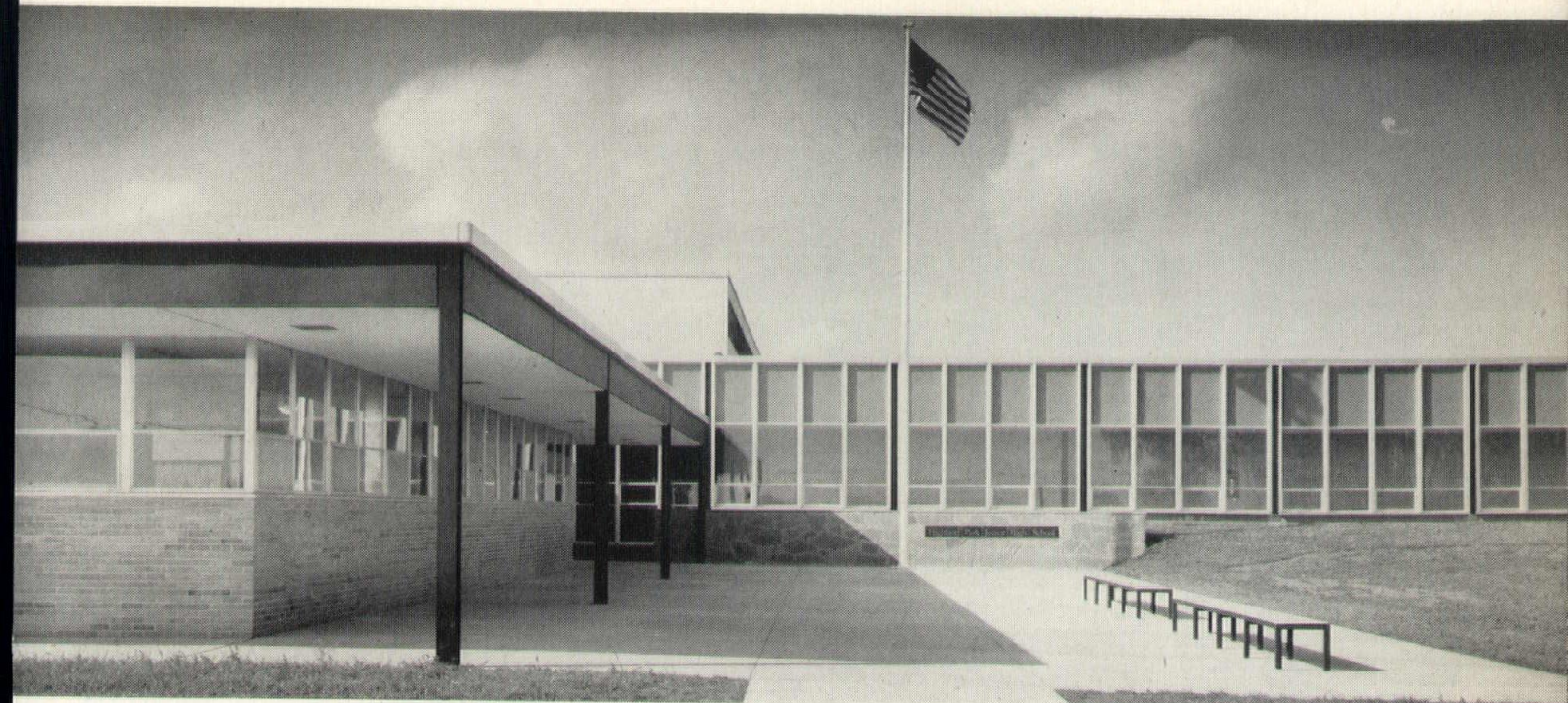
HONOR AWARD

St. Mary's Greek Orthodox Church

Minneapolis
Minnesota



Thorshov and Cerny
Minneapolis, Minnesota



MERIT AWARD

Highland Park Junior High School

St. Paul
Minnesota



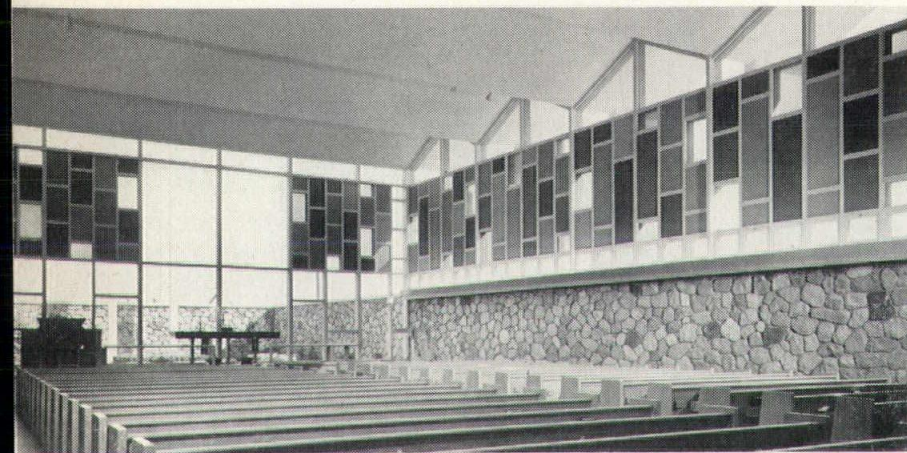
Hammel and Green
St. Paul, Minnesota



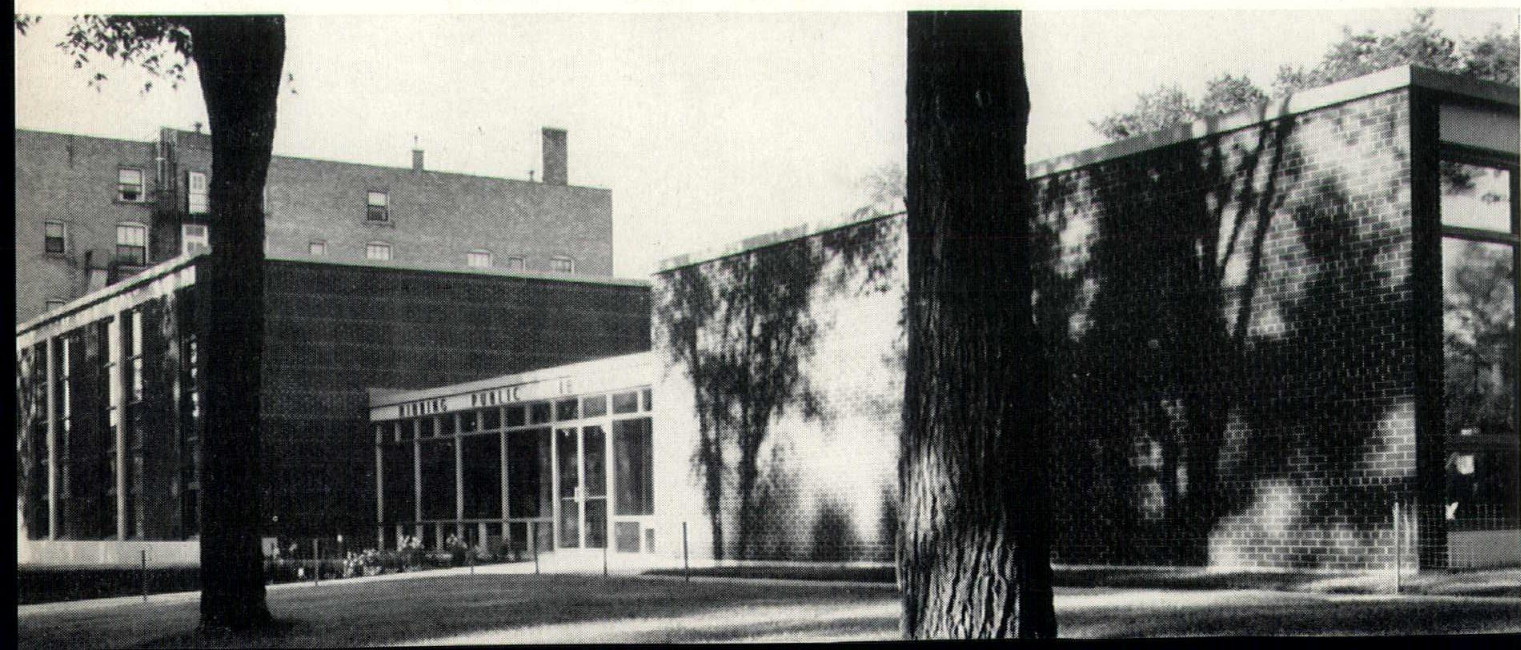
MERIT AWARDS (Two)

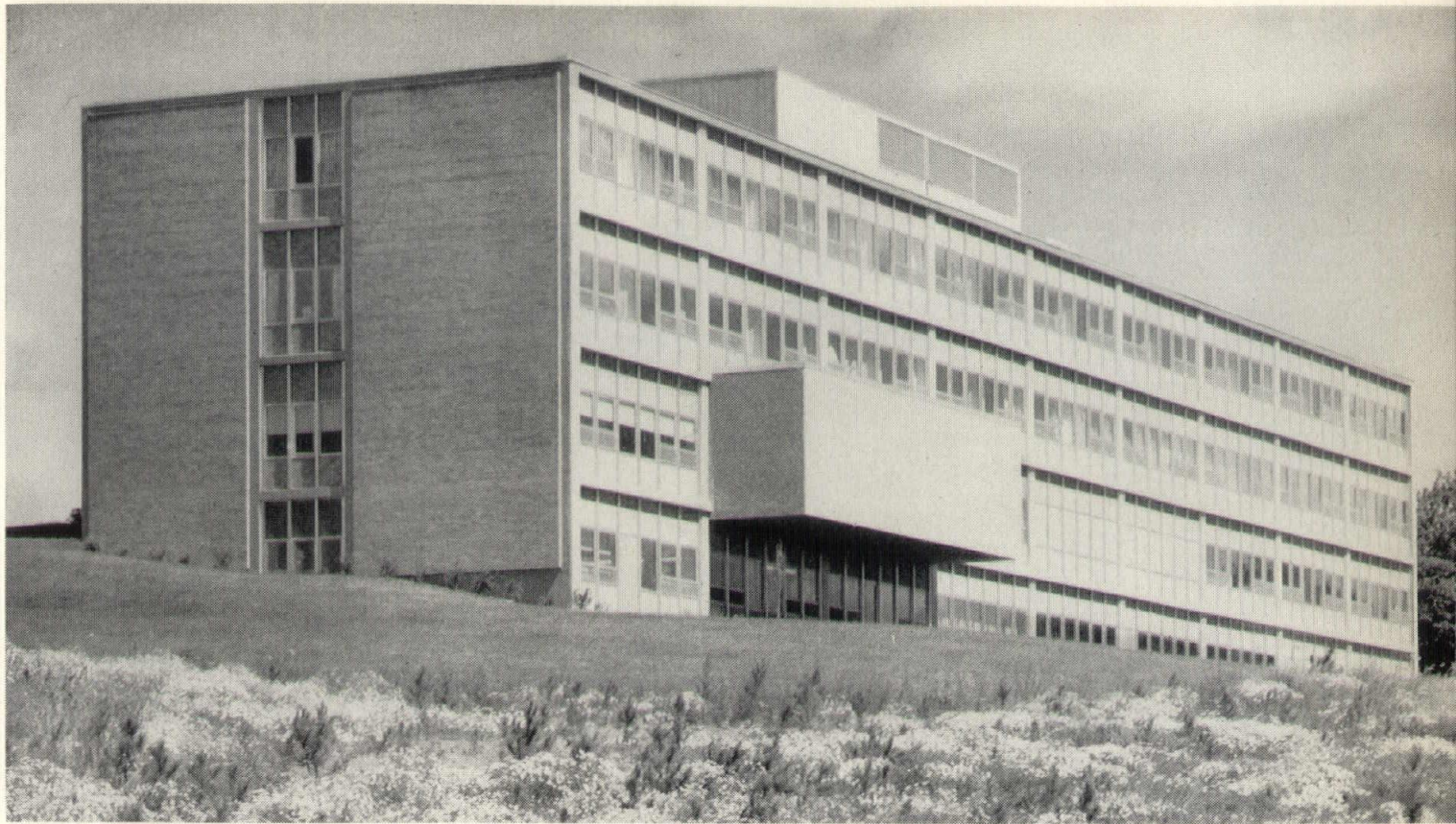
Jyring and Whiteman
Hibbing, Minnesota

First Lutheran
Church
Virginia, Minnesota



Hibbing
Public Library
Hibbing, Minnesota

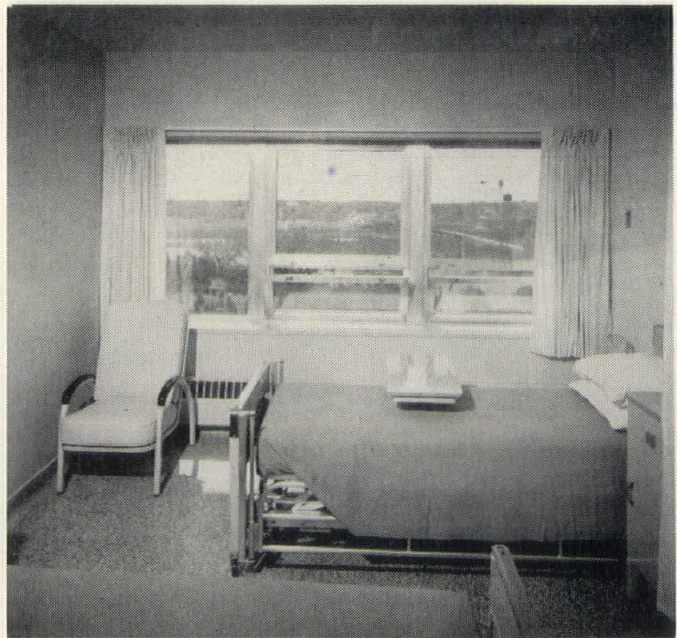




MERIT AWARD

Community Memorial Hospital Cloquet, Minnesota

Magney, Tusler,
and Setter
Minneapolis,
Minnesota

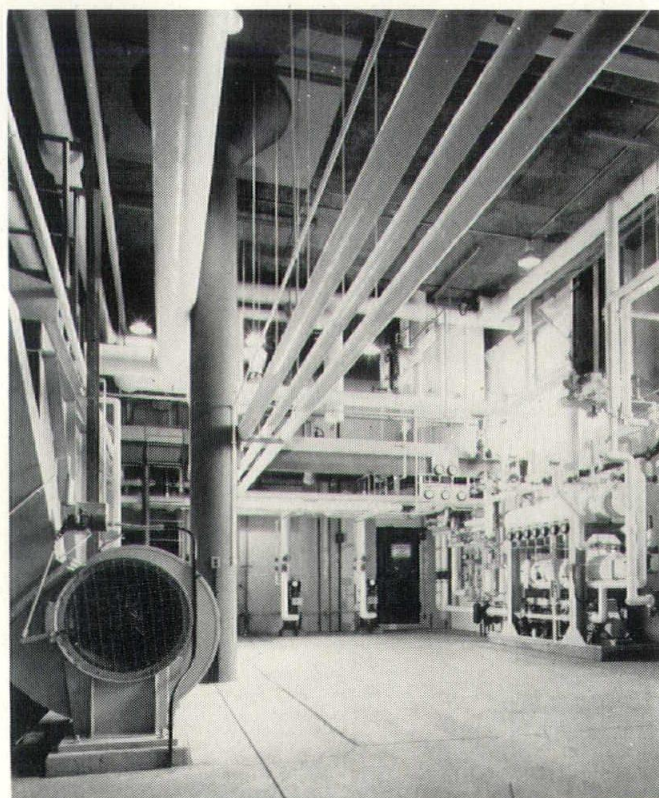




MERIT AWARD

Northwestern
Hospital
Power Plant and
Laundry Building
Minneapolis, Minnesota

Magney, Tusler
and Setter
Minneapolis, Minnesota

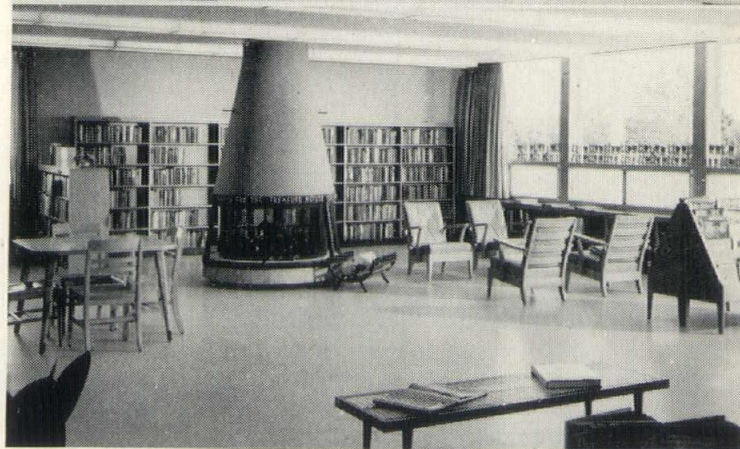




MERIT AWARD

Wayzata City Hall and Library

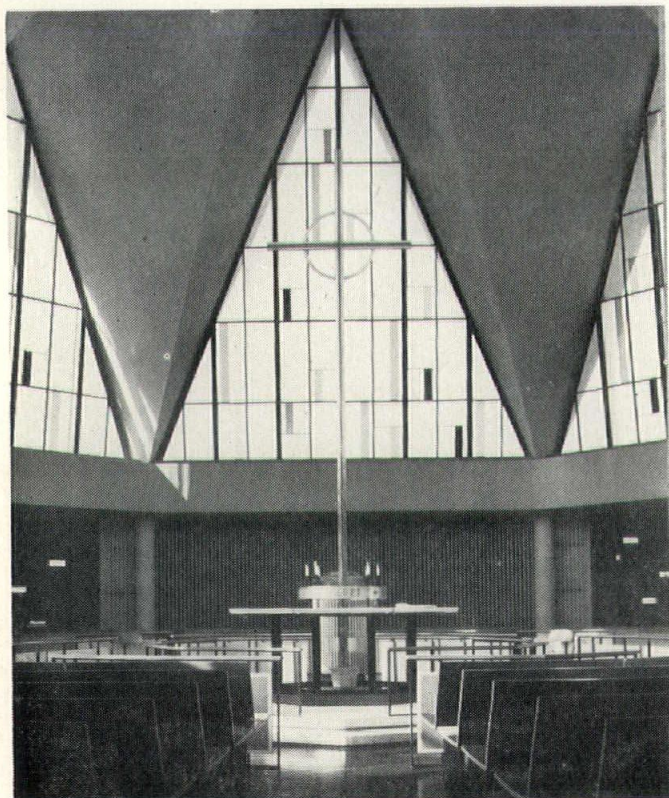
Patch and
Erickson
Minneapolis, Minnesota



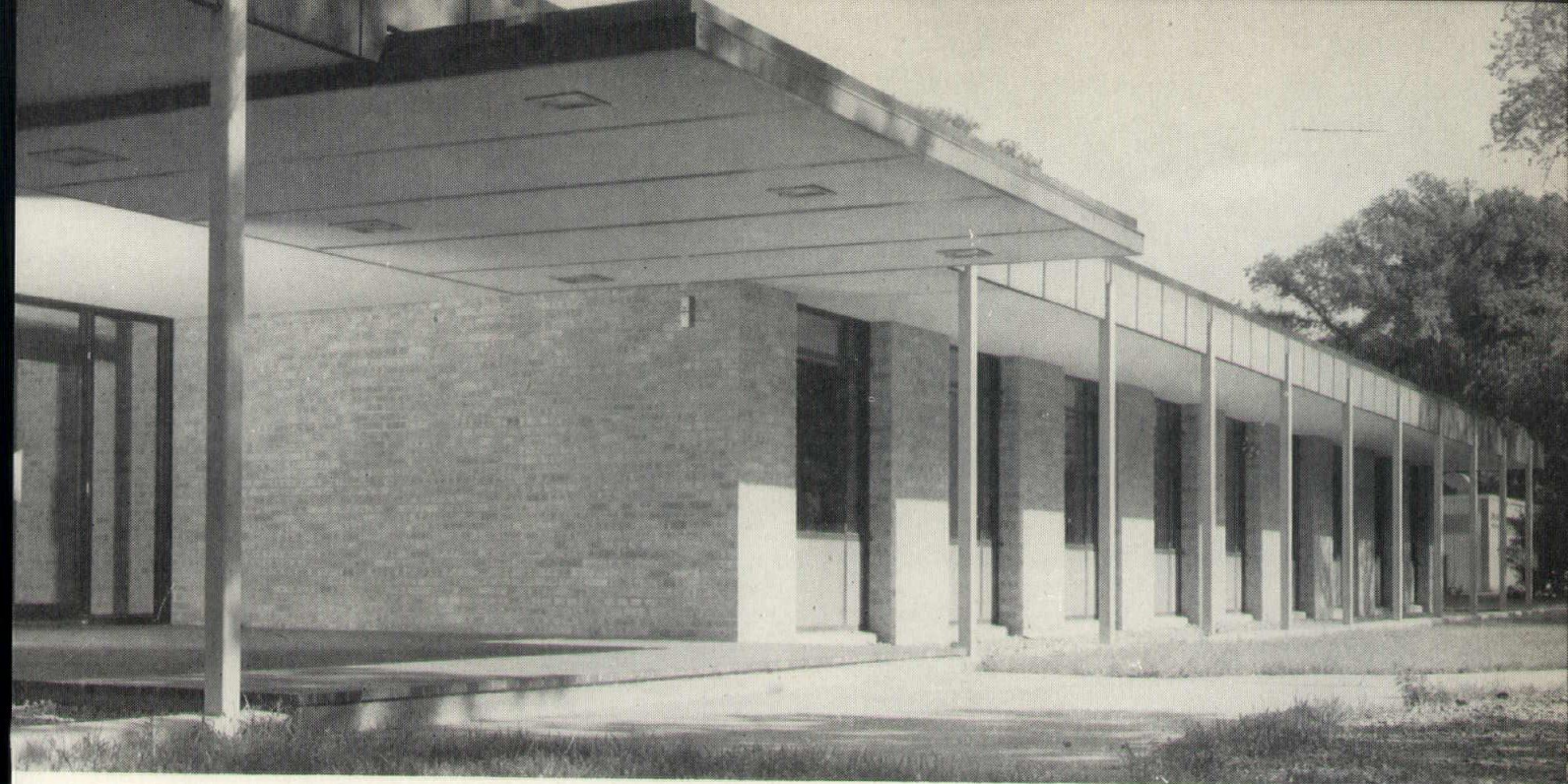


MERIT AWARD

St. Peter's Lutheran Church Edina, Minnesota



Ralph Rapson
Minneapolis, Minnesota



MERIT AWARD

Lutheran Welfare Society Building

Minneapolis,
Minnesota



Sovik, Mathre and Associates
Northfield, Minnesota



MERIT AWARD

Fairmont Federal Savings and Loan Association Building

Thorshov & Cerny
Minneapolis, Minnesota

The Honor and Merit Awards Are Presented



The pictures here show the actual making of the awards at the convention, with Pres. Brooks Cavin's hand getting a good workout as he congratulated each of the winners. Also shown are some of awards speakers and the faculty honors.

Minnesota Elects Armstrong

Regional Attracts Keenly Interested

Crowd to Convention-Conference

Election of their new president for 1958-59, G. Clair Armstrong of Minneapolis, culminated for members of the Minnesota Society of Architects one of the most varied and interesting conventions of recent years as hundreds of the members and others in the industry spent two days in meetings in St. Paul. The program



President Armstrong

covered everything from technical discussions of recent buildings to good-natured ribbing by a well known designer and cartoonist.

Joining Mr. Armstrong as officers of the society were Vice-president George B. Townsend of St. Paul, Secretary Kenneth Backstrom of Minneapolis and Treasurer Milton Bergstedt of St. Paul. The group voted to hold its 1959 convention in Minneapolis.

TEACHERS HONORED

Five former faculty members of the School of Architecture at the University of Minnesota were honored for their work in guiding the school to its high position in the professional training of students. Those honored were Frederick M. Mann, founder of the school in 1913, who was its head for 24 years; Rhodes Robertson, well known leader in architecture who was on its faculty for 28 years; Robert T. Jones, faculty member for 34 years; Roy C. Jones, whose 40 years at the school included 17 as its head; and Leon E. Arnal, native of France whose 29 years on the faculty were rich in the effects he had on students and the practice of architecture in this area.

"This region is one of but a few vital areas of architectural progress in America today," Robert C. Cerny, who made the presentations to the former faculty members on behalf of the society, said. "This is the achievement of the emeritus faculty. Their achievement is the more remarkable because Minnesota is off the beaten

track, removed from the main streams of culture. Territorial Minnesota was 'East oriented.' A provincial attitude was natural in this hinterland where common practice was to copy the established eastern schools, to follow current fads.

"These faculty members, however, had the courage to base their teaching on the timeless principles of architecture. They were unafraid of being practical. They saw in their isolation an opportunity to develop an indigenous pattern for architecture and professional education. This was a period of anarchy, of revolt from old forms, a period when the symbols of change were mistaken for progress. These men abandoned the old but challenged the new."

BENDINER POKES HOLES

If an inflated ego needs deflation, Alfred Bendiner is the man to do it and his dinner talk at the convention was filled with deflationary comments for many persons. He started with the client by telling his listeners, "Let me design a typical client for you. Every sweet, sugary bride hoards clippings, cutouts and the details of every home she's ever been in. Finally she decides she needs a bigger kitchen, more closet space—and an architect."

"So she comes to you, dressed for an afternoon tea party in all-purpose black, and dumps her clippings on your desk, along with a crumpled plan from last Sunday's real estate section. She had a list of architects and you were the fifth. The first four have already told her that you were her boy and you could do a job for her. She'd heard you could tell a good story and sit up at



Minnesota Society of Architects' officers are shown here (l-r) Treas. Milton Bergstedt of Bergstedt & Hirsch, St. Paul, Pres. G. Clair Armstrong of Armstrong & Schlichting, Minneapolis, Past Pres. Brooks Cavin, St. Paul, Exec. Director James Fenelon, Minneapolis, and Vice-pres. George Townsend of Bettenburg, Townsend, Stolte & Comb, St. Paul.



Officers and others of various chapters who were present for the regional are shown here. Seated are (l-r) John Magney, Minneapolis, John Fugard, Jr., Chicago, AIA Pres. John N. Richards, Regional Dir. Harold Spitznagel, Sioux Falls, S. D., Leo Weissenborn, Chicago, and Clarence Herges, South Da-

kota. Standing are Joseph Flad, Madison, Wis., Brooks Cavin, St. Paul, Gerald Buetow, St. Paul, Gordon Comb, St. Paul, William Bentzinger, South Dakota, Lee Mielke, Illinois, Al Wegleitner, Minneapolis, W. J. Bachman, Chicago, Paul Damberg, Duluth, and Charles Boettcher, Northern Illinois.

the dinner table. Now she tells you about the rooms under patios, about bathrooms she wants at cinderblock prices." Mr. Bendiner then said the first rule for a good residential designer is to dislike brides, instinctively.

In his swing to comments on his fellow practitioners of architecture, he pointed out, "We are one mass of efficiency and comfort, instead of characters. With few exceptions most of us look scared, like not much of anything—and doing very well. The old joys of settling back in a comfortable chair with a napkin around your fat neck to do some damage to a filet mignon—these Baroque pleasures are not for you."

LOCAL "CODES"

The troubles architects have been experiencing with local codes came up at the convention and the group passed a resolution pertaining to this situation, which said:

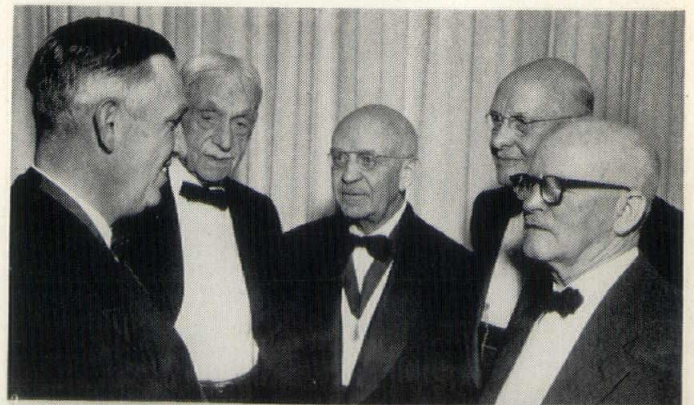
"The Minnesota Society of Architects looks with concern upon the recent enactment in various cities and villages of the state of Minnesota of ordinances intended to regulate the appearance of buildings. The society is sympathetic to the desire of such communities to maintain or promote a high quality of architectural environment but it believes that it is not in these communities' interest to attempt to achieve this end by legislation. We feel that the most likely result will be mediocrity of design and the ultimate obsolescence of the neighborhoods affected.

"We further point out the practical difficulty of estab-

lishing esthetic standards which can be interpreted and enforced by the officials responsible. The architectural profession in particular would be seriously handicapped since it would be impossible to know in any case, short of the most innocuous, what might be approved by the official censors of design.

"We therefore oppose any legislation which would make it the duty of any official responsible for the granting of building permits to determine what constitutes good or acceptable esthetic design.

"We note that legislation has in some cases taken the further step of specifically prohibiting the use of certain materials because of what is considered to be their un-



Among the distinguished highpoints of the society's convention were those shown in our pictures here. At the top are honored former U of M faculty members with the AIA president—(left-right) AIA Pres. John N. Richards, Frederick M. Mann, Roy C. Jones, Robert T. Jones and Rhodes Robertson. Leon Arnal could not be present for the picture. In the lower picture is a ladies' highlight, showing Mrs. Richard Cone, program chairman, Mrs. Gerald Buetow, St. Paul auxiliary president, Mrs. Jerry Jyring and Mrs. John N. Richards, wife of the AIA president.

suitable appearance. We feel that this is an unjustifiable restriction upon the property owners rights to use such materials and upon the manufacturers' right to sell them; we believe that almost no materials are intrinsically bad in appearance but that the owner and technique of their use determines the esthetic effect produced. We therefore urge that building codes concern themselves only with the physical properties of materials and safe practices in their use.

"Be it resolved that the Minnesota Society of Architects directs its board and executive director to seek the opportunity to offer the counsel of its members and of the society to governing bodies contemplating legislation in the field of architectural design."

The program of talks by leaders in the industry and seminars on currently troublesome situations was well rounded out by tours of the Twin Cities' architectural points of interest. The exhibits of materials and equipment sponsored by many co-operating suppliers was outstanding and during intermissions of the regular program architects and others who attended the convention visited the exhibits, talked with the experts attending

them and in other ways took advantage of the opportunity to bring themselves up to date on what's new and what's worthwhile.

ARCHITECTS' LADIES SHARE IN CONVENTION'S ACTIVITIES

Highlighting the women's events at the Minnesota Society of Architects' annual convention in St. Paul was election of 1958-59 officers of the Minnesota State Women's Auxiliary at a business meeting held in the St. Paul Athletic Club on October 3. Mrs. Richard Cone of St.



Mrs. Cone



Mrs. Wasmuth



Mrs. Gardner

Paul was named president, Mrs. Douglas Wasmuth of Minneapolis will act as vice-president and program chairman and Mrs. E. L. Gardner of St. Paul will assume the duties of secretary-treasurer.


In the absence of the current president, Mrs. Oscar Lang, Mrs. Cone, vice-president, presided. Business included a decision to increase the organization's annual contribution to the Children's Hospital in St. Paul. The opening event for the women in attendance at the convention was a luncheon held in the Biltmore Inn in Edina on October 2, with a breath-taking fashion show by L'Unique of Edina. A visit to Southdale shopping center followed the luncheon. Preceding the state auxiliary's business meeting on October 3 was a ladies' breakfast in the St. Paul Athletic Club, with wine tasting and samples adding an unusual sidelight to the occasion.

The ladies were particularly pleased and honored by the presence of Mrs. John Noble Richards of Cleveland, Ohio, wife of the national AIA president. In a brief speech at the breakfast, Mrs. Richards outlined some of the interesting activities in which she and Mr. Richards will participate during his term of office and also enumerated many of the widespread locations to which the Richards' travels will take them.



In the three pictures here we show (l-r)—top, AIA Pres. John N. Richards and Mrs. Richards, Mrs. and MSA Pres. Brooks Cavin . . . center, Regional Dir. Harold Spitznagel, Pres. Richards, Alfred Bendiner, M. W. Meyer and Pres. Cavin . . . bottom, the team of young Minnesota architects who achieved so well in the Toronto City Hall competition, Richard and George Rafferty, Ed Paul, Dennis Grebner and Frank Mitukowski.

Season's Greetings



As the holiday season approaches, with the New Year closely following we pause to realize that the enjoyable association with architects and other leaders in the building field have contributed much toward making this past year a most pleasant one for us.

In expressing our sincere thanks for your generous cooperation on many occasions we extend our sincere wishes for the happiest of holiday seasons. May the New Year bring to you continued health, happiness and success!

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SHOWN ABOVE . . .

Shown here are some of the highlighted personalities at the convention, identified left to right in the numbered pictures—1—G. Clair Armstrong, newly elected MSA president, being congratulated by Charles Wetzler, president of the Minnesota-Dakotas chapter of the Producers' Council. . . . 2—Architects Marcel Breuer and E. A. Jyring with Mrs. John N. Richards. . . . 3—William Bachman, vice-president of the Chicago chapter, Mrs. Bachman, Mrs. and John R. Fugard, Jr., Chicago's president. . . . 4—Architects Edwin Lundie, Robert Kerr, Elsa Gardner and Allan Meinecke. . . . 5—Architects Otto Olsen, Ralph Rapson and Doug Baird. . . . 6—Charles Behrensmeyer and Lee C. Mielke, vice-president and president, respectively, of the Illinois state AIA chapter. . . . 7—Tom Ellerbe and John N. Richards. . . . 8—Earl H. Reed, Chicago, and Edwin Lundie, St. Paul. . . . 9—Architects Clark Wold and Charles Wahlberg, St. Paul. . . . 10—Architects Richard Reincke, Reinhold Melander and George Darrell.

tests. . . . 7—Lorraine Heuslin, Joyce Wright and Virginia Rickey. . . . 8—Mr. and Mrs. Richard Steenberg, St. Paul. . . . 9—Mesdames Pat Nelson, Fred Traynor and Fred Kegel. . . . 10—A group of Illinois architects and their wives, Charles Behrensmeyer, Richard Carlson, John Fugard, Jr., John Weese, Lee Mielke, Mrs. and Mr. Ed Lundeen, William Bachman, Marjorie Bachman and Mrs. Fugard. . . . 11—Duke and Mrs. Johnson, Mrs. and Lou Riegert, Mrs. and Bud Obberg. . . . 12—Bob and Dorothy Olsen and Mrs. and Gordon Comb. . . . 13—Mrs. and Paul Damberg. . . . 14—Mr. and Mrs. Frank Mitukowski, Mrs. and Dennis Grebner. . . . 15—Richard and Mrs. Rafferty and George and Mrs. Rafferty. . . . 16—Hal and Marguerite Fridlund, John Thill and Priscilla Fridlund. . . . 17—Clifton and Mrs. Parks and W. T. Tusler. . . . 18—Don and Mrs. Haarstick. . . . 19—Milton and Mrs. Dahlen and Mrs. and C. E. Ware of Rockford, Ill. . . . 20—Mr. and Mrs. Gilbert Hahn, St. Cloud

. . . AND ON OPPOSITE PAGE

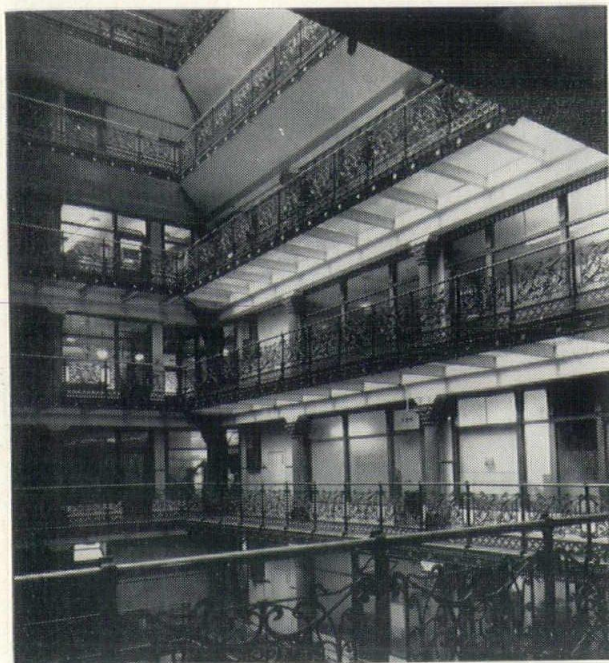
The pictures opposite show (l-r) 1—William Nara, Frank Brust, Tom Hodne and Ray Nelson. . . . 2—Pres. Paul Damberg, Duluth, and Ray Tribodeau, secretary, St. Paul Builders' Exchange. . . . 3—Gene and Mrs. Flynn, St. Paul. . . . 4—Tom Ellerbe and Fred Traynor. . . . 5—Mr. and Mrs. Gerald Buetow. . . . 6—Julius Sandvedt, Joseph Flad and M. W. Meyer, Wisconsin archi-

DULUTH CHAPTER ELECTS DAMBERG

New president of the Duluth AIA chapter is Paul Damberg, who resides in Eveleth and is head of the Virginia firm of Damberg & Damberg. William Ellingsen of Duluth was named vice-president and David Morganstern of Duluth was elected secretary-treasurer. Mr. Damberg formerly was a director of the state chapter.

NORTHWEST ARCHITECT





SAVING OF HISTORIC BUILDINGS AGAIN IN SIGHT

The historic Minneapolis building on which we wrote "fini" in the last issue when only one negative reaction was received to our question of whether architects wanted to do anything about saving the Metropolitan

Life Building seems to have aroused interest from outside our area. During the recent convention of the Minnesota Society of Architects Earl Reed of Chicago, chairman of the AIA committee on preservation of historic buildings, was in the Twin Cities. He toured some well known buildings in company of Robert Bliss of Minneapolis, committee member, and Edwin H. Lundie of St. Paul, well known architect with an interest in famous buildings.

"I hope before it is too late," Mr. Reed said, "architects will act to save this building. It is a juicy structure. In Europe they jealously preserve this sort of thing. That's why tourists go to Europe. They don't go to see strawberry boxes. If the building was an economic failure or if there was a vital need for the space, you wouldn't be able to put up much of a fight.

"But when these people come along and say, 'Let's clear out that old junk,' and they don't know what they are going to do with the space, that's different. . . . On Washington Avenue there are some wonderful old structures but they are so decrepit the best we can do is record them and tell the story of their lives."

Other structures discussed in the survey of local structures of historic value will be studied further and eventually the records will be placed in the catalogs of the Library of Congress. Already listed there are the Sibley House in Mendota and the Governor Ramsey home and the James J. Hill residence in St. Paul. In commenting on the Ramsey house, Mr. Reed said that "while it may appear crude to the eyes of people today it represents just what Minnesota was at that time and it should be preserved."

"The Hill home," he said, "expresses the stature of the Empire Builder better than anything I know." He also had something to say about the St. Paul library building, indicating it too will be listed on the committee's recommendations.

"If any additional work is done on that building, designed by Electus D. Litchfield, great care should be taken to preserve its original character. It is of Florentine-Renaissance design and uncontrolled additional work could ruin it." Mr. Reed also had a word of praise for the work done on Owatonna's Security Bank & Trust Company's building in preserving the feeling put into the structure by Louis Sullivan.

BILLINGS ARCHITECTS ELECT GUSTAFSON AS PRESIDENT

At the annual meeting of the Billings (Mont.) Architectural Association, members elected F. Wayne Gustafson as president for the coming year. He succeeds Lewy Evans, Jr., as head of the group and elected with him were C. D. Hall as vice-president and Ralph Kenyon as secretary-treasurer.

Mr. Gustafson has served as vice-president and secretary-treasurer of the association and is a partner in the firm of Drake & Gustafson. He graduated from Montana State College in 1950 and took graduate work at the University of Southern California. Since 1956 he has been on the faculty of Rocky Mountain College, teaching architectural drawing.

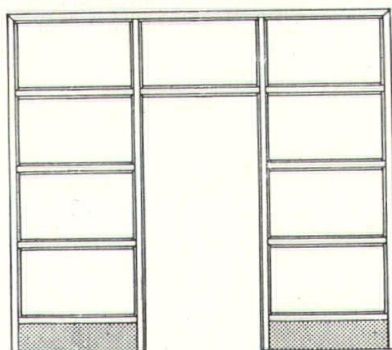
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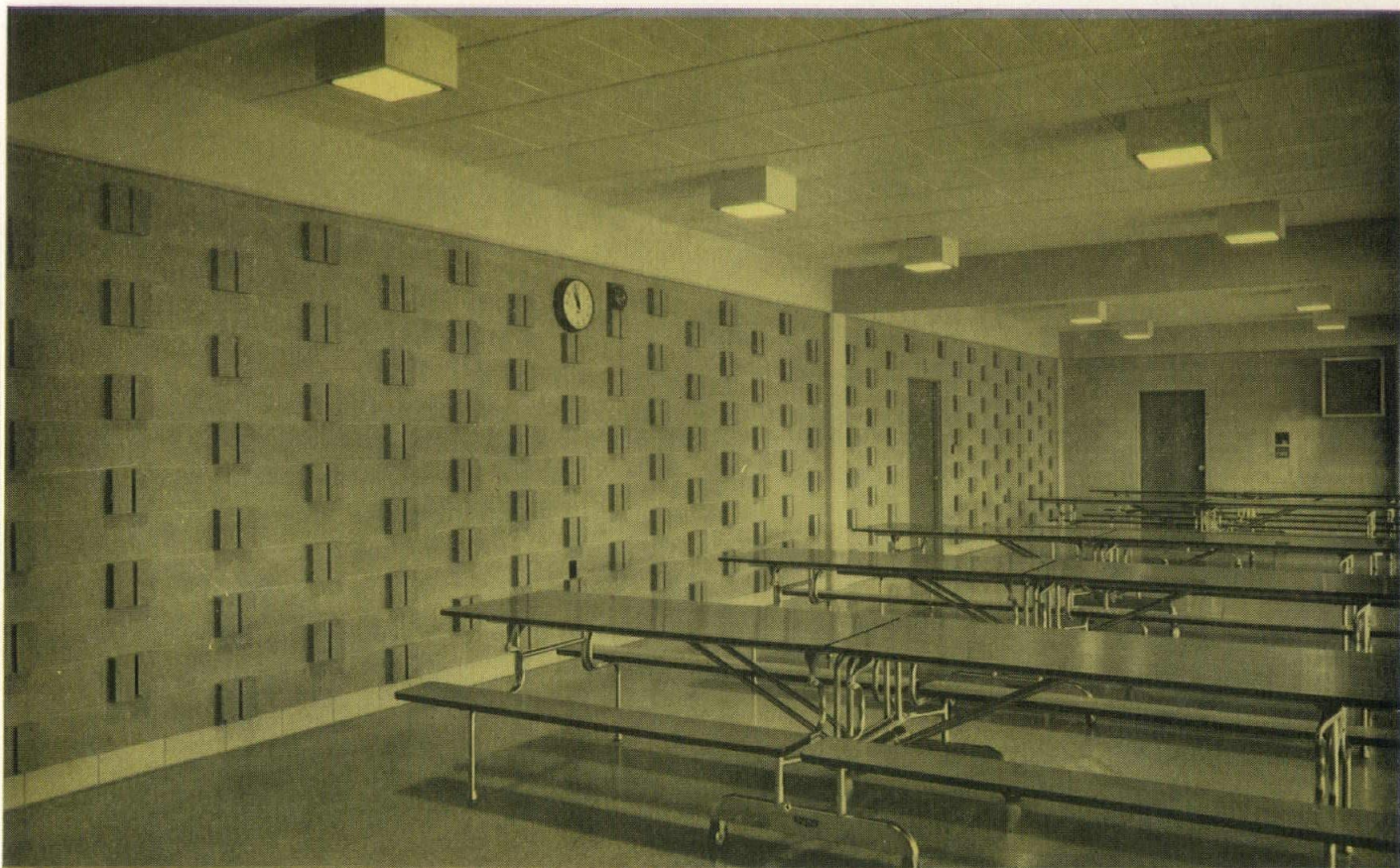
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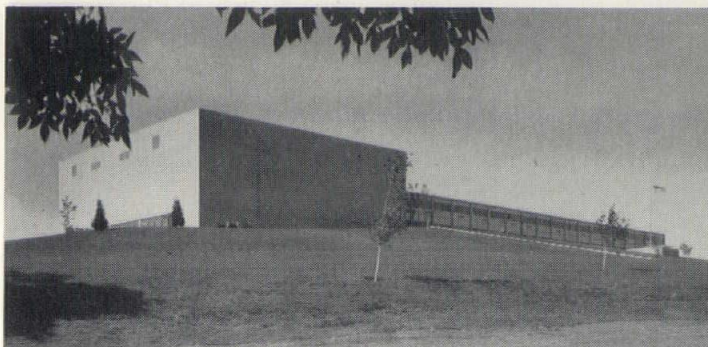
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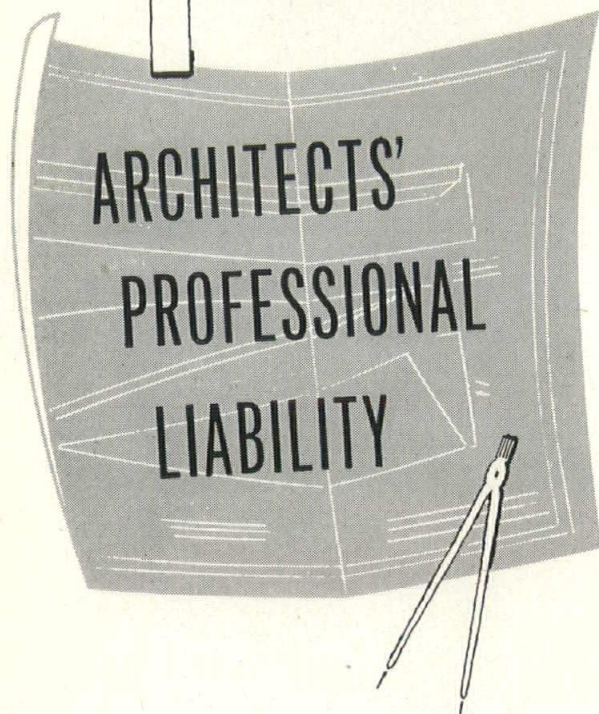
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CONVENTION THROUGH THE LENS . . .

Seen by our camera lens during the convention were the persons shown opposite, each numbered picture being identified left to right—1—Keith Bohlig and Vic Meyers, Bill Bruell and J. R. Corwin. . . . 2—Orrin Field, Wilbert Storland, Robert Ames and Doug Wasmuth. . . . 3—Architects Elizabeth and Upton Close. . . . 4—Architects James McNutt, Brainerd, Percy Clark, Fargo, William Estebo, St. Paul, and Don Branscom, Minneapolis. . . . 5—Donald and Anne Klein, Minneapolis. . . . 6—Emmit Ingram, Chicago, Dreng Bjornaraa, St. Paul, and Ralph Rapson, Minneapolis. . . . 7—Jack Lindeman, Minneapolis, Gerald Froehlick, St. Paul, and Robert Ritterbush, Bismarck, N. D. . . . 8—Art Baumeister, Pete Woytuck and Stanley Fishman, St. Paul. . . . 9—Al Nelson and R. N. Thorshov. . . . 10—Ron Kraik, John Rauma, Minneapolis, Knute Henning, North Dakota State School of Architecture, and Burton Shacter. . . . 11—Robert Pope and Phil Bettenburg. . . . 12—Earl Brink and Gerald Buetow. . . . 13—John Rauma, Mrs. and Cece Tammen. . . . 14—Al Meinecke and James Fenelon. . . . 15—William Birget, John Magney, and Stowell Leach. . . . 16—Marjorie Adams, Will Hamilton and Norman Fugelso. . . . 17—Don Johnson and Robert Sandberg, Hibbing. . . . 18—Edwin Lundie, William Bachman and John Fugard, Jr. . . . 19—Louis Lundgren, Gerald Buetow and Elsa Gardner. . . . 20—Ed Soltvedt, Russ Bock, Walter Wiesmiller and Alie Tichick.



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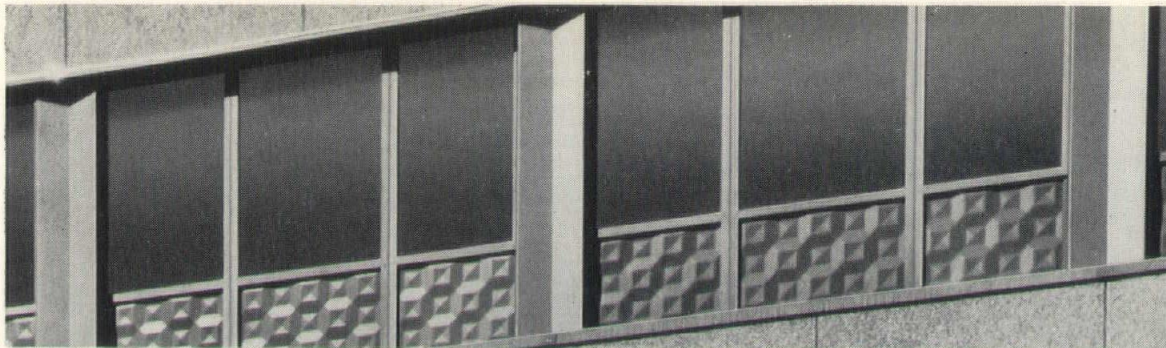
Another striking example of Crown's complete service on ornamental metal requirements



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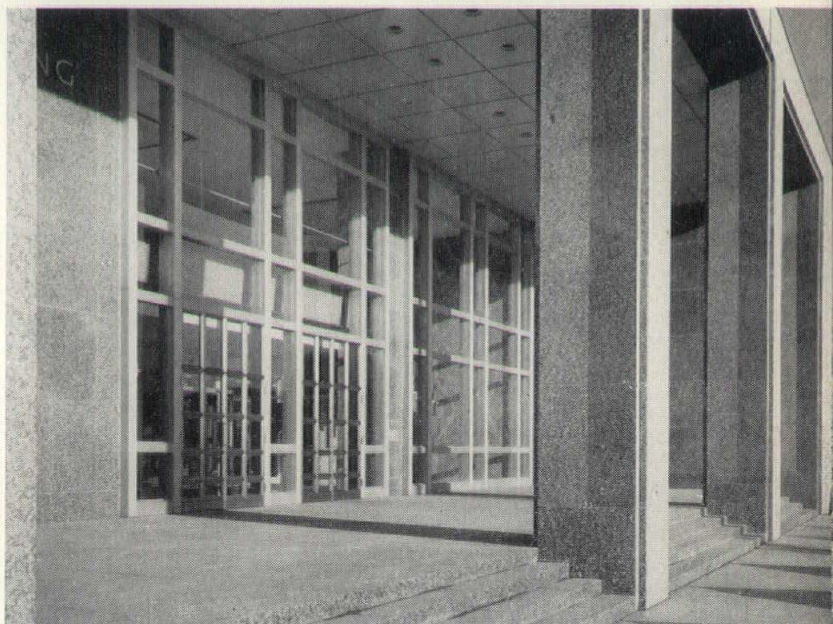
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Department of Highways, St. Paul
ARCHITECT: Ellerbe and Company, St. Paul
CONTRACTOR: Lovering-Sweitzer, St. Paul
ALL ARCHITECTURAL METALS: Crown Iron Works Co.,
Minneapolis

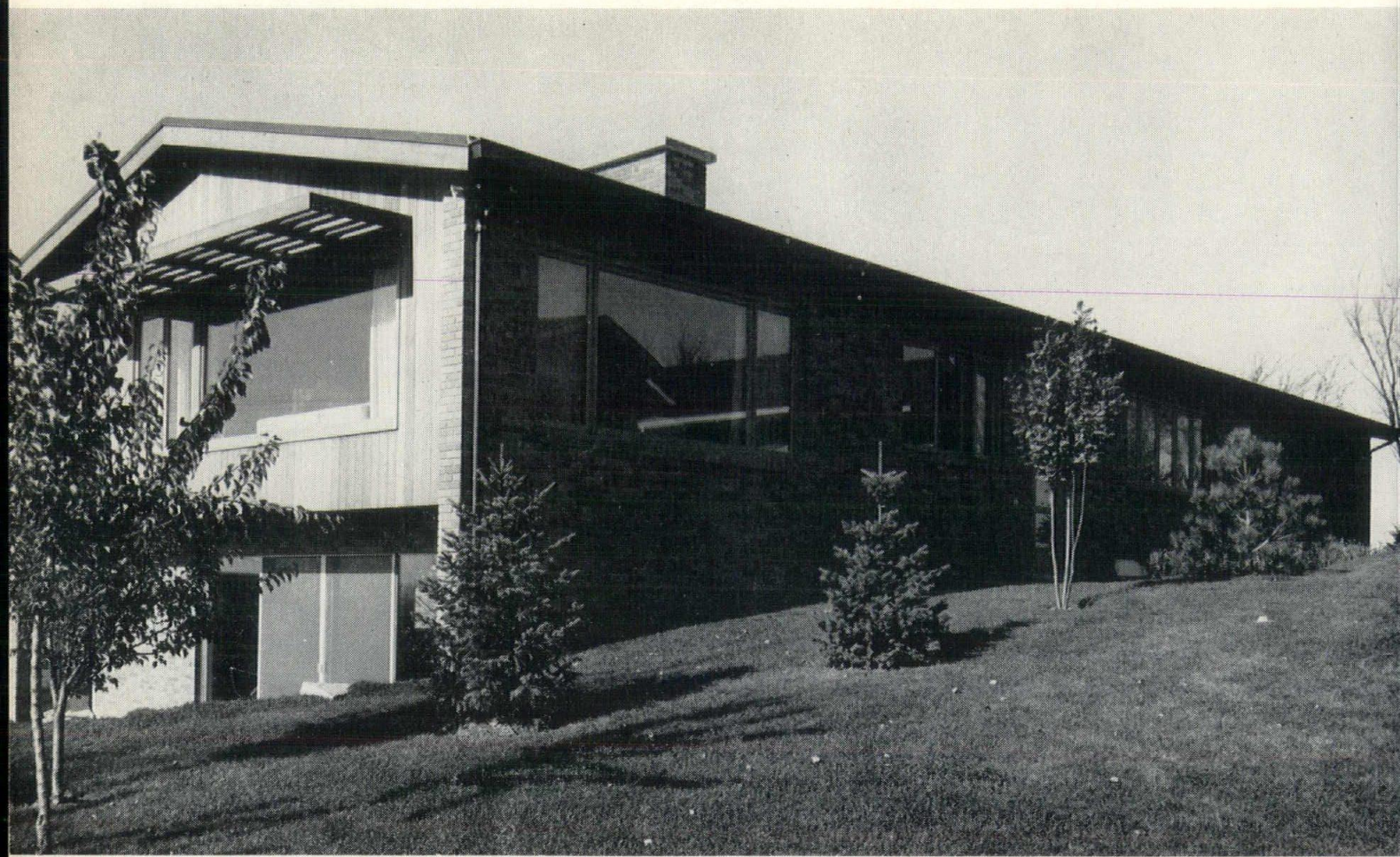
This striking stairway provides an impressive and memorable focal point in the building's main lobby. Fabricated by Crown, the stainless steel ballisters combine with a bronze metal top rail to serve both function and beauty. An added point of interest is the statuary bronze compass emblem, containing an inset map of Minnesota, mounted on top of a marble column by the stairway landing.



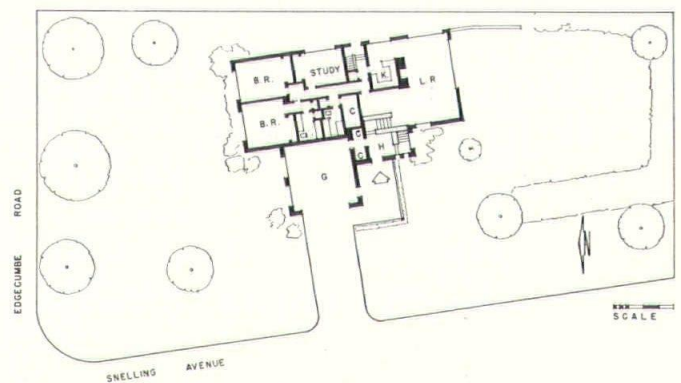
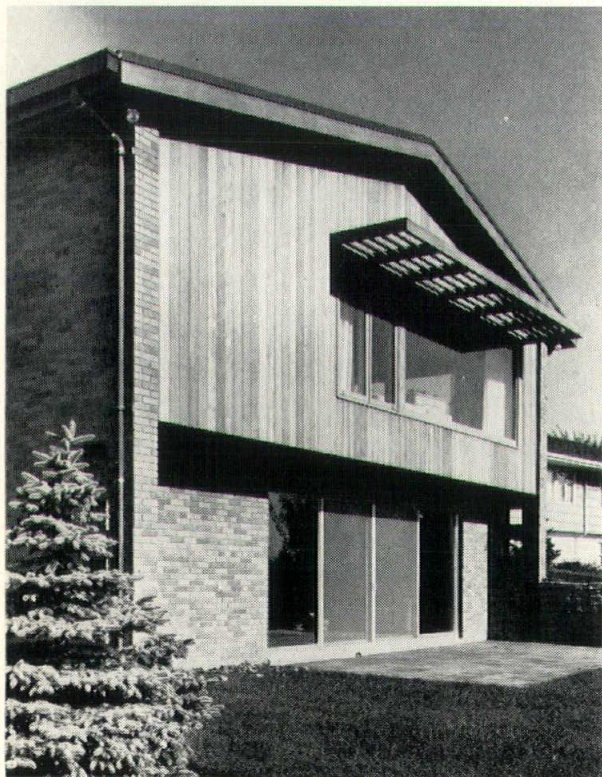
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SITE WORK RECOMMENDATIONS DEVELOPED BY MINNESOTA AIA-AGC COMMITTEE

Recommended inclusions in the "Blue Book" for site work have been developed by the AIA-AGC Joint Committee and are printed here for our readers' information.

"4. EXCAVATION, GRADING AND SITEWORK "SEPTEMBER 26, 1958, 4.1

"It is recommended that:

"(1) Owners be made aware of the fact that the costs incurred in providing accurate and complete surveys and soils investigations are more than offset by cost savings obtained from bids based on the complete and accurate information provided; and

"(2) The architect should insist that such data be obtained and made available to bidders.

"Items to be considered include:

"A. Surveys:

"(1) Scale of survey shall be indicated.

"(2) The courses and distances of property lines.

"(3) Dimensions and location (horizontally and vertically) of any buildings, structures, easements, rights-of-way or encroachments on the site.

"(4) Any existing structures or improvements required to be removed by the owners or others.

"(5) Legal and physical details of party walls, or walls and foundations adjacent to the lot lines.

"(6) Requirements for and arrangements between the owner and the owner of adjacent property for lateral support of ground adjacent to the lot lines shall be clarified.

"(7) The position, dimensions and elevations of all cellars, excavations, wells, filled areas, etc., and the elevation of any water therein.

"(8) All trees which may be affected by the building operations.

"(9) Give diameter of trees and type.

"(10) Detailed information relative to established curb and building lines and street, alley, sidewalk and curb grades at or adjacent to the site and the materials of which they are constructed.

"(11) All utility services and the size, characteristics, etc., of these services.

"(12) The location of all piping, mains, sewers, poles, wires, hydrants, manholes, etc., upon, over or under the site or adjacent to the site if within the limits of the survey.

"(13) Pertinent information as to the disposal of sanitary, storm water and subsoil drainage and suitability of subsoil for rainwater or sanitary disposal purposes if dry wells are used.

"(14) Official datum upon which elevations are based and a bench mark established on or adjacent to the site.

"(15) Contour intervals of — feet on elevations taken on a — foot grid, changes of slope, etc., over that portion of the site to be developed.

"(16) Contemplated date and description of any planned improvements to approaches or utilities adjacent to the site.

"(17) Average depth of frost effect below surface of ground.

"(18) High and low water levels of nearby bodies of water affecting the ground water level.

"(19) The elevation and location of the top of workings relative to the site, if the site is underlaid with mines, or old workings are located in the vicinity.

"(20) Whether the site is subject to mineral rights which have not been developed.

"(21) The plat should be checked with the City Engineer or other qualified official to insure that the true street lines and the officially established grades or curbs, sidewalks and sewers are correctly given.

"(22) Any discrepancies between the survey and the recorded legal description shall be reconciled or explained.

"(23) Show North arrow.

"B. Soil Investigations:

"(1) Log of borings.

"(2) Description of soils encountered, rock, boulders, etc.

"(3) Size and character of obstructions (boulders, foundations, piping, etc.)

"(4) Water table elevation, fluctuations, etc.

"(5) Soils engineers analyses.

"(3) The following general recommendations are suggested as important considerations in preparing plans and specifications.

"A. The site data obtained should be noted on the plans.

"B. Specific provisions should be made with reference to additional material and/or removal of material.

"C. Specific provision should be made with reference to use of material from the site, including topsoil, for general fill, compacted material, final grading, etc.

"D. Specialty contractors excavating for underground work shall be required to comply with the general specifications for compacted fill, including tests.

"E. Unit prices for special excavation where appropriate.

"(4) Architects are advised that qualified excavating contractors are generally willing to consult with architects on site conditions when plans and specifications are being prepared.

VAN TEYLINGEN OUTLINES ARCHITECT'S WORK FOR ROTARY

A careful tracing of the responsibilities and value of the architect to his clients was made for the Rotary Club of Havre, Mont., recently in a speech before the group by Andrew Van Teylingen, architect, who is also a Rotarian. He traced the process by which a client's wish is put into real form by the architect, touching on the sketches, materials discussions, plan preparation, specification writing, bid letting and all other phases of the job.

Mr. Van Teylingen also traced the influence of great architects of the past on their generations.

ISRAELI ARCHITECT IN CITIES

Raphael Blumenfeld, well known architect in the young Israeli state, was a recent visitor in the Twin Cities. The designer was a guest of local Jewish interests in connection with the climax of the annual United Jewish Appeal fund drive.

Chapter, Club and other news . . .

RAPSON SPEAKS AT WESTERN MOUNTAIN REGIONAL CONFERENCE

Ralph Rapson, head of the School of Architecture at the University of Minnesota, was one of the speakers at the recent Western Mountain AIA District conference in Denver. Mr. Rapson spoke on "Out of Order," presenting to the Denver audience some recent developments in architecture.

MTS PICKS THREE NEW ASSOCIATES

Selection of three new associates in the firm of Magney, Tusler and Setter, Minneapolis architects and engineers, was announced recently. They are William B. Berget and Robert J. Snow of Minneapolis and Richard J. Vasatka of Mendota Heights.

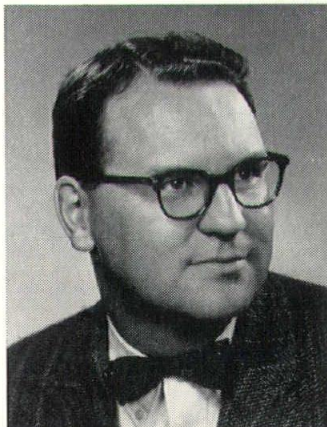
Mr. Berget will head the firm's design and production department. A member of the American Institute of Architects and a graduate of the University of Minnesota, Mr. Berget has been a practicing architect for 12 years. He was with Magney, Tusler and Setter for two years and recently rejoined the staff after being associated with a St. Paul architectural firm the past eight years.

Mr. Snow is in charge of MTS's business development activities and likewise recently rejoined the firm after being with the same St. Paul architect. He received his bachelor of science degree at the University of Minnesota and did graduate work in architecture at Harvard.

Mr. Vasatka has been with MTS since 1955 and is chief structural engineer. He graduated from the University of Minnesota in 1952 with a degree in civil engineering. He is a member of the American Society of Civil Engineers.



Mr. Berget



Mr. Snow



Mr. Vasatka

NORTHWEST ARCHITECT

MONTANA ARCHITECTS HOLD FALL MEETINGS

Members of the Montana AIA chapter held the fall meetings of their semi-annual sessions in Missoula recently, with architects from Billings, Bozeman, Butte, Great Falls, Helena, Kalispell and Missoula attending and Pres. Kenneth Knight of Great Falls presiding.

The sessions heard that the over-all construction picture in the state has been good, "but spotty," with the Great Falls and Glasgow areas very good because of military work there. The group went on record in support of the referendum to allow elementary and high school districts to levy up to five mills each for construction bond issues.

Pointing out that the architects of today is a servant of the public just as he has been throughout history, Alfred F. Dougherty, Helena chapter's counsel, told a luncheon session that "everything an architect does affects future generations as well as contemporary living and that is a responsibility which weighs heavily upon him." He added that the architect licensing law, brought up to date in the 1957 legislative sessions, is designed to safeguard the public from unlicensed and incompetent persons who would have the public think they are qualified to design buildings and structures which affect public health and safety.

Other officers of the Montana chapter are Vice-president Richard Taylor of Kalispell and Secretary-treasurer H. C. Cheever of Bozeman.

ELLERBE HONORED AS OLD GRAD

Thomas F. Ellerbe, head of the St. Paul architectural firm of that name, was honored recently as an old grad by Mechanic Arts High School in St. Paul. He was given the second annual honor plaque, an award designed to single out distinguished former students.

ST. PAUL FIRM MOVES

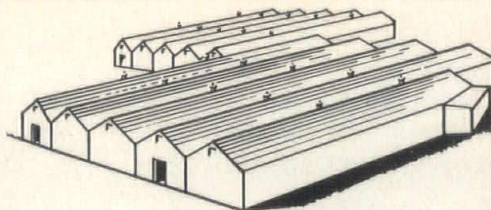
An entire floor of the Nalpak Building in St. Paul is being taken over for offices and work areas of Ellerbe & Co., architectural and engineering firm. A constantly growing staff, which now numbers 320, required consolidation for previous quarters were scattered in seven locations in another building.

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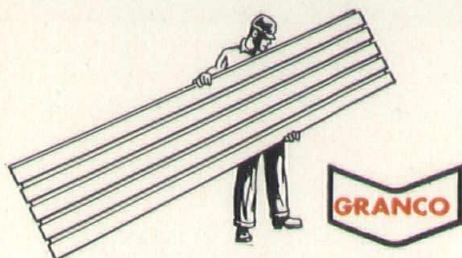


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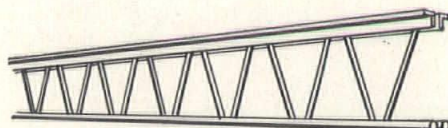
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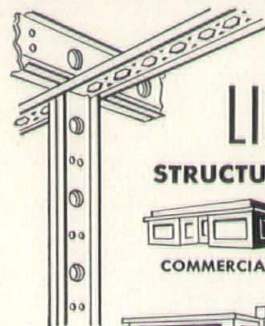
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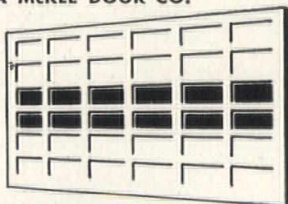
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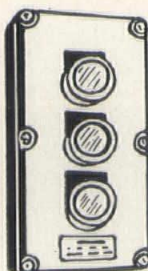


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TWIN CITIANS AMONG "HUNDRED LARGEST" FIRMS

Ellerbe & Co., St. Paul, Magney, Tusler & Setter, Minneapolis, and Toltz, King, Duvall, Anderson and Associates, St. Paul, were included in a recent list of the nation's 100 largest architectural firms by *Architectural Forum Magazine*. Some other Twin Cities' firms might also have been listed, the reports indicated, but they failed to return a questionnaire in time to be classified.

MINNEAPOLIS TO BE CHRISTMAS HOST FOR TWIN CITIES AUXILIARIES

The Minneapolis AIA chapter auxiliary will be host for the annual Minneapolis-St. Paul Christmas dinner-dance, scheduled for Friday, December 5, in the Golden Valley Country Club, according to Mrs. Kenneth Skold, general chairman for the event.

"Come and join the festivities," was the invitation of Mrs. Skold and her committee chairmen, Mrs. Robert Hanson, Mrs. Charles Wahlberg and Mrs. Hubert Swanson.

ZIMNIEWICZ JOINS STATE STAFF

Chester Zimniewicz recently joined the staff of the state architect's office. A native of St. Paul, he attended the University of Minnesota where he obtained a bachelor of civil engineering degree in 1950. Mr. Zimniewicz has had wide experience in the fields of construction and engineering and is a registered civil and structural engineer.

NEUTRA IN DES MOINES

Richard J. Neutra, famous Vienna-born architect now residing in Los Angeles, was the first speaker in the Des Moines Art Center's series of talks on design. The series will be presented through a grant by The Gardner Cowles Foundation. Mr. Neutra's appearance will be

followed by similar appearances by other well known architects and designers. The architect's schedule included a discussion period during the afternoon and a formal lecture in the evening.

ST. PAUL AUXILIARY FACES ACTIVE SEASON

Members of the St. Paul Auxiliary to the AIA look forward to an interesting and varied program for the current year, according to Mrs. Clark Wold, St. Paul program chairman. The next meeting, to be held at 8:00 p.m., November 19, in the home of Mrs. Earl



Pres. Buetow

Wesley, 3538 Siems Court, will feature a demonstration of Japanese floral arrangements, as well as a formal Japanese tea ceremony. Other programs include a luncheon and afternoon of bridge in the Summit Guest House in January, a presentation of the use of accessories in fashion by the well-known hat designer, Lyn Pontius, in February, and a "tasting tea" in April.

All wives of members of the St. Paul chapter of the AIA are cordially invited to attend, Mrs. Wold said.

Officers are Mrs. Gerald Buetow, president, Mrs. Robert Kerr, treasurer, and Mrs. Eugene Flynn, secretary. Mrs. Buetow has appointed the following committee chairmen: Mrs. Wold, program, Mrs. Alfred Nelson, telephone, Mrs. D. A. Wright, hospitality, Mrs. Robert Ames, publicity, and Mrs. E. L. Gardner and Mrs. Robert Wilson, Interclub Council representatives.

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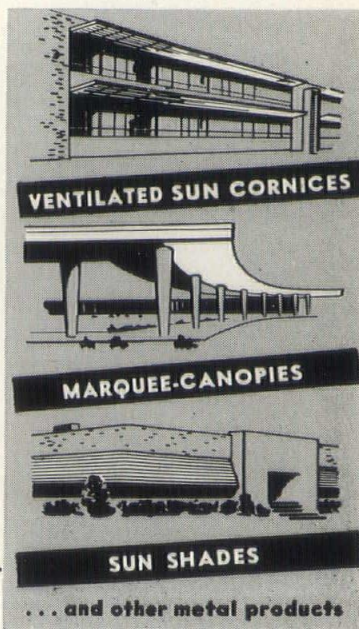
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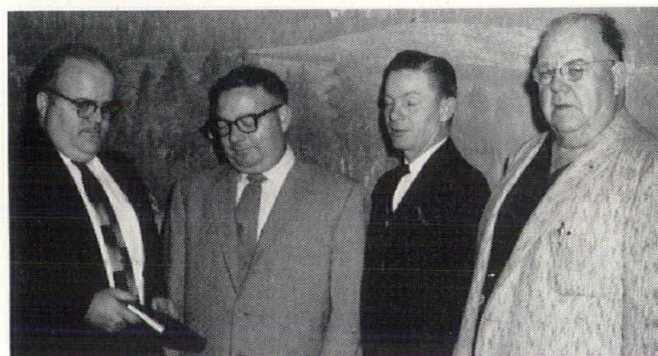
WE WANT YOUR WORK-IN-PROGRESS

We plan to present some of the new things that are in progress in the various architectural offices of this area and would like to have the co-operation of our readers. A short résumé of what the work is, important design elements and an illustration (plan or sketch of what finished building will be like) should be of real and timely interest to all our readers. If yours is ready for us, drop the material in the mail, addressed to:

Fred Miller, Jr., Associate Editor,
NORTHWEST ARCHITECT
2642 University Ave.,
St. Paul 14, Minn.

SOUTH DAKOTA CHAPTER PICKS HERGES FOR PRESIDENT

The South Dakota Chapter, AIA, has selected Clarence L. Herges of Aberdeen, S. D., to be president of the group for the coming year. The elections, held during the chapter's convention in Pierre, S. D., also put Jeon R. Kroger of Sioux Falls into the office of vice-president, William E. Bentzinger of Sioux Falls into the office of secretary and made Thurman I. Potts of Watertown a director.



Mr. Herges was honored at a recent meeting of the Aberdeen Architects Breakfast Club, during which event the picture here was taken. Pictured, left to right, are Thomas R. Baker, Freed and Baker, AIA, President Herges, Chester C. Lind, president of the Aberdeen Chamber of Commerce, and architect Marion E. Smith.

In addition to a gift President Herges received congratulatory messages at the meeting presented by Arthur E. Jederberg, president, and Clyde Avery, manager, of the builders' exchange, Mr. Lind of the Chamber of Commerce, Clarence F. Johnson for the general contractors, N. A. Gagnon for the plumbing and heating contractors and E. C. McFarland, electrical contractors.

Herges is associated with the firm of Herges, Kirchgaser and Associates, Aberdeen.

TWIN CITIAN BUILDS MORE THAN 1,000 HOUSES IN YEAR

The 1,000-mark for house construction and sale was topped early this fall by a Twin Cities' area construction firm, the Orrin Thompson Construction Corporation. The company works on a community development basis, building hundreds of houses in open areas where construction can be operated with assembly-line speed. Sale

NORTHWEST ARCHITECT

of 1,019 houses, with another 200 projected, put the record for this year well ahead of 1957, Mr. Thompson said.

BUETOW DESIGN PICKED AS HOSPITAL OF MONTH

The Community Hospital in Paynesville, Minn., designed by Carl H. Buetow of St. Paul, has been picked as the "Modern Hospital of the Month" by Modern Hospital Magazine. An award certificate went with the honor.

PLAGENS INCORPORATED

Albert G. Plagens, R. E. Plagens and Robert L. McGee have formed Albert G. Plagens, Inc., for the practice of architecture and engineering with offices in St. Paul.

BELIEFS OF TIMES REFLECTED IN DESIGNS OF CHURCHES, SOVIK SAYS

Arthur Sovik of Sovik, Mathre & Associates in Northfield, Minn., told a meeting of a Willmar congregation recently how the beliefs of congregations are reflected in the structures where they worship. Speaking to a meeting of Vinge Church, held as a preliminary to exploration of design for a new church, Mr. Sovik began with the early Christian congregation which, because of persecution, was a close-knit secretive "family of believers." He traced the widening gap between the congregation and the priests and choirs as the church became more and more a system of "orders." The church at the same time became more of a political power in the world and took on military and very "masculine" characteristics. As the position of the Virgin Mary reached a new peak in the gothic period and the distinction of the clergy and laity became more pronounced, a new and more feminine architecture using lacy, extremely high and mystic arches and pointed windows (gothic) developed. The chancel was more and more removed from the people.

The massive scale and design of St. Peter's church in Rome was called upon as an example of a symbol of the massive powers of the church over the whole western world as the Roman bishop's power reached its climax during the time St. Peter's was built.

Mr. Sovik then traced the various branches of Protestantism with their various points of emphasis up to the present time and showed among other things how the walls were literally torn down between the clergy and the people and the communion table was moved out toward the congregation.

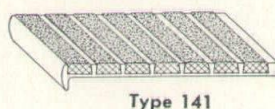
In all of these periods, including architecture of the past two centuries, the architect illustrated by drawing how the buildings in which Christians have worshipped have always reflected to an astounding degree the piety of the various periods. He emphasized that since this is true, churches of today have an important message to tell the world and the community around them and must seek to reflect healthy beliefs in the houses of worship they build.

He suggested that the Lutheran church must reflect

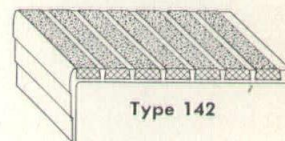
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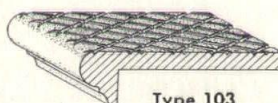


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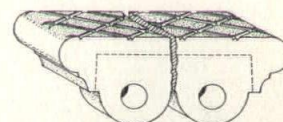


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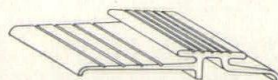


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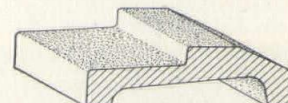


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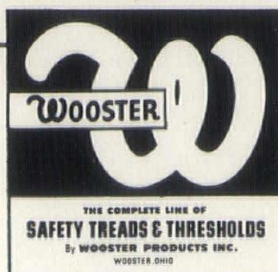
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Lutheran theology of the strongest and most virile kind besides reflecting moral values such as kindness, love, truth, integrity, self-sacrifice, generosity and such values. Though it is necessary for Christians to build as handsome churches as their building budgets will allow, it is not necessary to spend exorbitant amounts to express these beliefs and virtues in a most beautiful way. At the same time sheer "prettiness" is not a goal of the honest church architect, he said.

WARN STUDIES EUROPEAN CHURCHES AND CHURCH ORNAMENTATION

An extensive "vacation" trip through Europe was used by Robert Warn of the Northfield, Minn., firm of Sovik, Mathre & Associates to study post-war church construction in a number of countries and to investigate use of church ornamentation.

Mr. Warn stopped for a weekend at Frank L. Wright's school, where he had been a student, before flying to Denmark. His trip then took him into Germany, Switzerland, France, Italy, Greece, Belgium and Scotland. In addition to the special study of churches, Mr. Warn was interested in the altars, stained glass windows, tapestries and other decorative features of the structures.

BTS & C HOSPITAL IN WINSTED UNDER CONSTRUCTION

A project of the citizens of Winsted, Minn., is now under construction to give that community a 26-bed hospital and home for the aged. Design was by Bettenburg, Townsend, Stolte and Comb of St. Paul.

HILLS, GILBERTSON AND FISHER IS NEW NAME OF MINNEAPOLIS FIRM

Hills, Gilbertson and Fisher is the new name of the Minneapolis firm formerly known as Hills, Gilbertson and Hayes. A. A. Fisher has become a partner in the company, succeeding the late Mark N. Hayes.



Mr. Fisher

Organized in 1941 by James B. Hills and Victor C. Gilbertson, the firm was enlarged later that same year when Mr. Hayes joined it. Mr. Fisher joined the staff of the firm in 1945 as chief draftsman, later was made an associate and then a full partner. The partnership has specialized in institutional work and has designed many schools, churches and hospitals in Minnesota, Wisconsin, North Dakota, South Dakota and Iowa.

Announced at the same time was appointment of John O. Wiste and Adrian M. Born as associates of the

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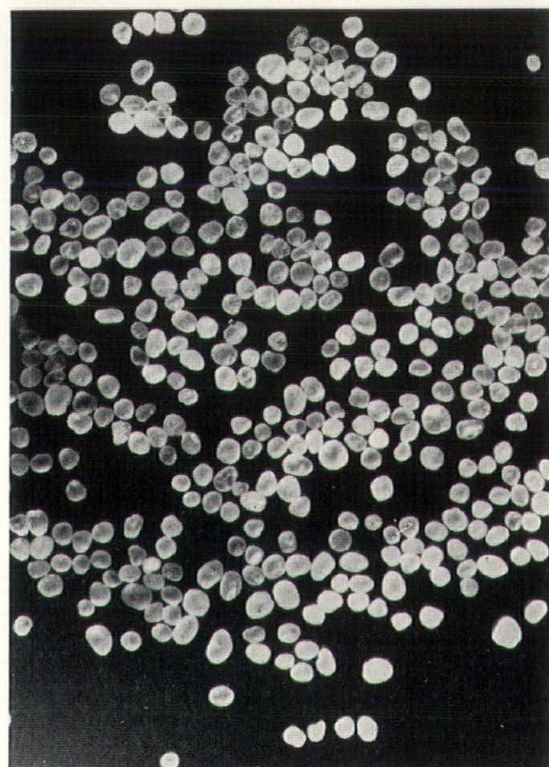
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Mr. Wiste



Mr. Born

firm. Mr. Wiste, a graduate of the University of Minnesota in interior architecture, spent five years with Dayton's, Minneapolis, in that company's architecture department following the war.

Mr. Born, a graduate of St. John's University, Collegeville, Minn., with a bachelor of architecture, has had experience with companies in Minnesota, North Dakota and Montana. In 1948 he was named assistant chief architect with the FHA in Minneapolis and joined the staff of Hills, Gilbertson & Hayes in 1956.

ARCHITECT PRESENTS MOTEL IDEAS TO SOUTH DAKOTA MOTEL MEETING

With his subject listed as "Tomorrow's Motel Today," Architect Arthur P. Swanson, Chicago, discussed ideas

on the boards for these structures to be constructed during the next few years before a meeting of the South Dakota Motel Association in Pierre, S. D., early in October.

RUSSELL AND LYNCH OPEN DES MOINES OFFICES

The newly created architectural firm of George Russell and James Lynch has opened offices in Des Moines, Iowa. Mr. Russell previously had practiced under his own name and Mr. Lynch was a partner in the firm of Normile and Lynch. Both men are graduates of Iowa State College and are registered as architects and engineers.

Early experience of Mr. Russell included work for a Los Angeles firm which specialized in school design and he was chief draftsman for Tinsley, Higgins, Lighter and Lyon in Des Moines before opening his own office.

MINNEAPOLIS CITY ENGINEER JOINS ARCHITECTURAL FIRM

Hugo Erickson, Minneapolis city engineer, resigned from his city job to become an engineering partner in the Minneapolis firm of Magney, Tusler & Setter. Mr. Erickson's resignation will become effective on January 15, 1959.

HAMMEL & GREEN NAMED NORTHFIELD SCHOOL CONSULTANTS

Named as consulting firm with the Northfield, Minn., school board in planning future school building in that

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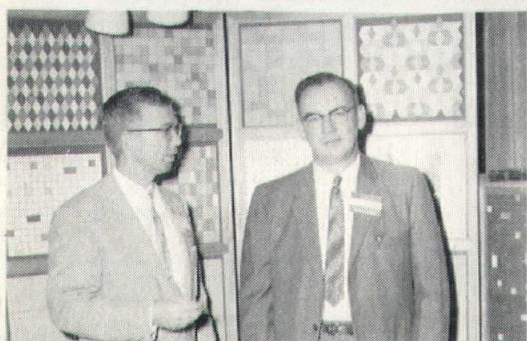
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community was the St. Paul firm of Hammel & Green. The school group had consulted with a number of architectural firms during past months and had visited schools designed by those under consideration before making their decision, officials reported.

ARCHITECTS SEE CONVENTION EXHIBITS

The pictures on these pages show some of the exhibits put on during the Minnesota Society of Architects' convention. In each case we identify those pictured from left to right.

In the group at left are—top, G. E. Haverkamp, Goodwin Companies, and Architect Merrill Peterson . . . second, Frank Mitukowski and George Rafferty, architects, and Hank Snider, Crane Co. . . third, Vince Maxfield, Burn-Zol Co., and Art Dickey, architect . . . fourth, Ron Prehm, Bob Ames and M. W. Meyer . . . fifth, John Anderson, architect, and Chris James, Mosaic Tile Co. . . bottom, Don Dickey, DeBourgh Co., and William Birget and Richard Rafferty, architects.

In the numbered pictures opposite are—1—James Horan, architect, Bud Miller, Zenith Concrete Products, and Gordon Matson, architect. . . 2—Julius Sandstedt, architect, Rollin Child, U. S. Ceramic Tile Co., and Joseph Flad, architect. . . 3—Hal Fridlund, architect, and Charles Abbe, Kalwall Panels. . . 4—Hans A. Schott, Durox, Inc., Al Nelson, architect, and Stan Humphrey, Durox. . . 5—Ray Gauger, architect, and Cecil Branham, BMD&R, Inc. . . 6—Jack Bissell and Gene Hickey. . . 7—J. Lauder, The Babcock Co., and Frederick Mosse. . . 8—Lou Riegert, BMD&R, and Fred Meisch, architect. . . 9—E. E. Pierie, Jr., H. H. Robertson Co., and Terry Marolt, architect. . . 10—Architects Gordon Schlichting, Earl Bedlow, Helen Thian and Glynne Shifflet . . . 11—Charles Boettcher, architect, Ray Griffin, Cold Spring Granite Co., and C. E. Ware, architect. . . 12—Architects Frank Clark, Sid Stolte, Vic Gilbertson and George Townsend. . . 13—Julio Arrigoni, Arrigoni Bros., and E. Gardner, architect. . . 14—Allan Loux, Minnesota Perlite, R. V. McCann, architect, and Joe Tomes, Silbrico. . . 15—Fred Miller, Twin City Brick, Don Powell and Harlyn Thompson, architects. . . 16—Ken Backstrom, architect, Doug Dunsheath, Edward Wirtz, architect, and Allan Ross, DexOTex Co.

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In this page of pictures are shown—1—Lou Riegert and Charles Duepner, BMD&R, Inc., and Donn Haugen, architect. . . . 2—William Bruell, Zenith Concrete Products, Otto Olsen and Gilbert Hahn, architects, and Mrs. Hahn. . . . 3—Norman Fugelso, architect, and Larry Hall, Kalwall Panels. . . . 4—Charles Wetzler, Structural Clay Products, and John Anderson, architect. . . . 5—Don Olson, Brooks Cavin and Reinhold Melander. . . . 6—E. C. Jones, DeVoe Paint, and Gene Flynn, architect. . . . 7—Larry Bourdon, Kesko Products, and Bill Wick, architect. . . . 8—Don Zafke and Bob McGee, architects, and Neal Sorenson, W. E. Neal Slate Co. . . . 9—Don Haarstick, architect, and Carl Seterstrom, Inland Steel Products. . . . 10—Milt Jewell and Tom Salick, Molin Concrete Products, and Dan Brown and P. N. Bettenburg, architects. . . . 11—Ray Horwath, Mankato Stone, and Glynne Shifflet, architect. . . . 12—John Bush, Anchor Block Co., and Frederick Mosse, architect. . . . 13—Bob Faye, J. Stuart Moore Co., and Orrin Field, architect. . . . 14—George Melcher, architect, and Jim Anderson, Hiawatha Metalcraft. . . . 15—Myron M. Kehne and Gene Hickey, architects, Mrs. and C. C. Fullmer, Durrazzo Products, Inc., Ed Boker, architect, and Harriet L. Hansell, Durrazzo.

AIA PRESIDENT RICHARDS SEES ARCHITECT-HOME BUILDER CO-OPERATION

John N. Richards, AIA president, in speaking as key-note of the recent National Executive Marketing Conference in San Antonio, told top-level home builders and materials suppliers who attended that there is a definite possibility of architects and builders working together as home buyers enter a period when they want better homes, not brightly gadgeted places to live.

"The home building industry needs the architect," he said. "It needs him badly. . . . As far as the architects are concerned we are just beginning to realize our full responsibility in the field of residential housing but national committees and summit meetings among top officers of the two organizations won't do it.

"What we must strive for is co-operation in the new developments where these homes are actually built. . . . The job can't be done in the committee and conference room alone, it must be done on the drawing board and on the site. There is where we must get together and work together. . . .

"For you, the builders and manufacturers, closer co-operation means a better awareness of the services we architects have to offer and greater attention to the design of your structures. It means the will, not just to sell but to satisfy, to produce not just fast sellers but the best home possible. If your customer profits, you will profit too."

GRAND FORKS ARCHITECTS TO DESIGN NORTH DAKOTA STATE SCHOOL

Design of the new State School for the Blind has been awarded to DeRemer, Harrie and Kennedy of Grand Forks, N. D. Funds for the new school, amounting to \$450,000, were voted in the June primary elections. The present school is in Bathgate and is more than 50 years old. A previous vote had permitted moving the school from Bathgate to Grand Forks.



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POSTMASTER CALLS ATTENTION TO NEED FOR MAIL SLOTS, BOXES

The need for mail slots and boxes in design of business buildings has been called to the attention of architects in a letter from S. A. Bertelsen, St. Paul postmaster, to the Minnesota Society of Architects. His letter said:

"It has recently come to our attention that many newly constructed buildings in the Saint Paul area do not have built-in receptacles or adequate facilities for receiving mail. Most firms provide for their first mail delivery of the day and are open after the first trip. So, to all intents, during normal business periods a mail slot or receptacle is not a necessary part of a building. However, when special delivery letters are received after regular office hours and on weekends it is impossible for our carriers to make delivery and the specials must

be returned to the normal channel of mail, with the result that important letters are very often delayed.

"As we are primarily a service organization, we make every effort to provide the type of delivery for which the sender has paid a fee. We are therefore taking the liberty of appealing to you to call this to the attention of those concerned. There are no specific regulations on size or position of a mail-box but the volume of mail received by an individual or firm today has increased far beyond that of a few years ago. The natural place for delivery is the front door so we do hope this fact will be considered.

"Your co-operation will be greatly appreciated. Frankly, the post office must depend entirely on the designers of a building to provide receptacles to enable us to make prompt delivery of all types of mail."

SHIFFLET TELLS SCHOOLMEN ABOUT BUILDING COSTS

The charges that today's schools are palaces and too luxurious took a bit of correcting from Glynne W. Shifflet, Minneapolis architect and past president of the Minnesota Society of Architects, when he spoke before the Minnesota School Board Association in St. Paul early in November.

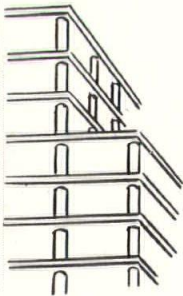

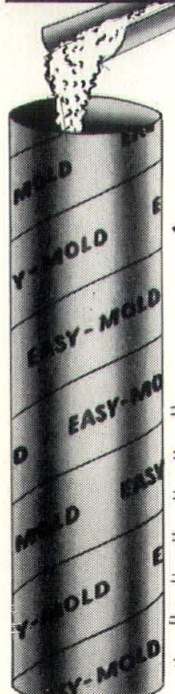
Mr. Shifflet is chairman of a Minnesota architects' committee which met with directors of the school group in a continuing effort to draw up a standard architect's contract. This would clarify definitions of the architects' responsibilities to the school boards which hire them.

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"If some of the new schools look luxurious," Mr. Shifflet said, "it is a tribute to the architect's intelligent designing and to his handling of the new materials that have been developed in the past few years. Some beautiful schools are being built these days and perhaps that gives rise to the impression that more money is being spent than necessary. People see a whole wall made of glass, for instance, and they start viewing with alarm. The chances are the glass wall didn't cost materially more than one of masonry and windows would."

"Another important factor is often overlooked. By spending more money to begin with the annual maintenance cost can be so reduced that the school district is better off in the long run. This particularly applies to entrance halls, wainscoting and stairways. Architects generally are trying to design the best building with the lowest maintenance and the least cost compatible with the function the building is called on to serve."

He did warn that some school boards have approved school designs out of line with what the district could afford but these are the exceptions.

FOREST CITY FIRM REVISED

Gordon O. Gjelten and Willis E. Schellberg have become partners of Thorwald Thorson in the revised Forest City, Iowa, firm of Thorson, Gjelten and Schellberg. The firm will maintain a Waterloo, Iowa, office as a separate organization under management of Oswald Thorson.

Norman Madson, former partner of Mr. Thorson in

the firm of Thorson, Thorson and Madson, resigned and will become associated with the firm of Sovik and Mathre in Northfield, Minn.

CONTRACTOR LOVERING HONORED BY MINNESOTA SOCIETY

Honored for "the contribution you have made toward the advancement of the orderly process of building in the Northwest," Harry D. Lovering, St. Paul contractor, was given a citation during the recent convention of the Minnesota Society of Architects.

"Your faithful participation in numerous activities

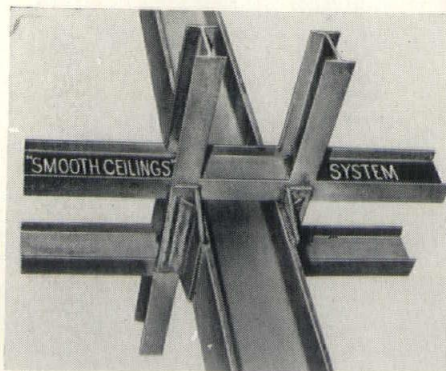


During the presentation the camera caught (l-r) Pres. Brooks Cavin, Mr. Lovering and Robert Henderson, manager, AGC of Minnesota.

Here's how

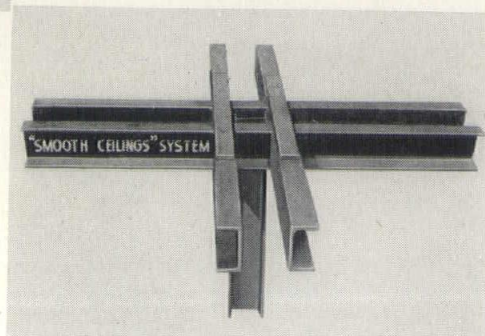


cuts costs



Above: Shear Head used with structural steel columns in "Smooth Ceilings" flat slab construction. The cut shows beams. Channels are normally used, but I beams can be used.

At right: Shear Head used with Concrete Columns in "Smooth Ceilings" flat slab construction. Dowel bars are sometimes used instead of the structural dowel shown in the cut.

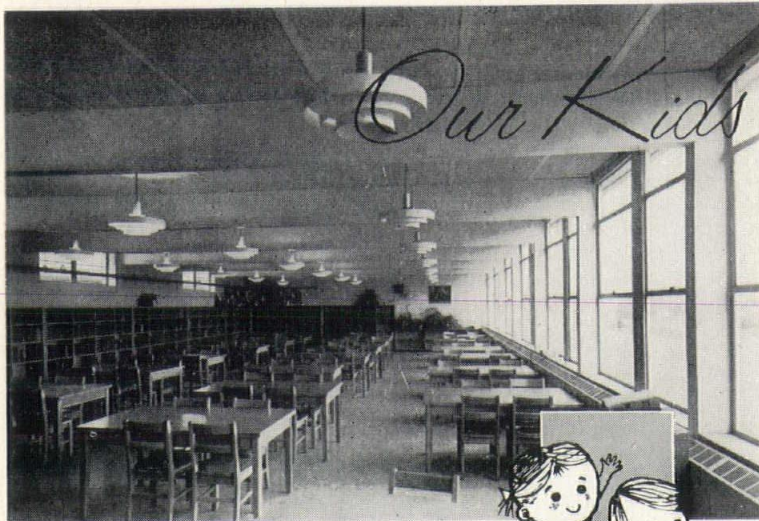


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over the past decade has earned the highest respect of your associates," the citation said. "Your efforts have contributed immensely to a better working relationship among architects, suppliers, builders and owners. The public will reap the benefits which ensue from this work

but we hope that you will enjoy to some degree the knowledge that the architects of Minnesota consider your work on the AIA-AGC Joint Co-operative Committee a job well done."



HOOPS AND LAUGHTER MARK PRODUCERS' COUNCIL DINNER

Whirling hoops, the whoops of the onlookers and other fun marked the annual dinner dance of the Producers' Council's Minnesota-Dakotas Chapter recently, with Pres. Charles Wetzler and his wife, Thea, as hosts. The annual affair is always well attended and this year's event was no exception, with most members and their wives in attendance.

The whirling hoops were Hula Hoops and were used to test the skill—and particularly the good nature—of those present. John Paul, with his tongue determinedly out, won the contest with a neat wiggle which kept his hoop circling, as can be seen in the pictures. Other laughter rose from the antics of another member, Howard Page, who put on what amounted to a one-man show.

Our pictures show some of the fun and some of those who took part in and enjoyed it, all identified left-to-right. In the top left picture are the hosts, Thea and Charles Wetzler, Structural Clay Products Institute . . . center, Dick and Darlene McGowan, Cleo Dwenger and John Paul, Casewin, Inc. . . . right, Ken and Mrs. Walter, Chamberlain Co. of America, Mrs. and Bob Reid, Owens-Corning Fiberglas Corp. . . .

Circles, left, John Paul winning the hoop contest . . . next, Howard Page, Frank Adams Electric, and Charles

Wetzler . . . third, Dorothy and George Otis, Dow Chemical Co. . . . next (seated) Sixten and Dorothy Besnon, U. S. Plywood Corp., and Shirley Dillenburg and (standing) Bob Dillenburg, Frank Adams Electric, and Joe Jester, Minneapolis Honeywell . . . right, Clint Fladlund, Zonolite Co., Bob and Mrs. Reid, with Rae Fladlund at the piano. . . .

Bottom left, Jack and Mrs. Forciea, Dow Chemical Co., Adeline and Jim Coulter, Keelor Steel Co. . . . center, Edna and Chris James, Alma and Ken Onstad, Mosaic Tile Co. . . . right, Jack and Dorothy Hustad, The Hustad Co.

BOSTON PAPER SUGGESTS ARCHITECTS COME OUT OF ANONYMITY

The cloud of the anonymous which envelops designers of even some of our most famous buildings should be dispelled and due credit given on the building itself to the man or men who made its beauty possible, according to an editorial in the *Boston Herald*, which we reprint here via the publication, *The Back Way Architect*.

"An author is allowed the luxury of displaying his name on the title page of a book, a painter usually manages to work his signature onto the design of a canvas, a composer is credited with a succession of opus numbers but it is more difficult to emblazon one's name

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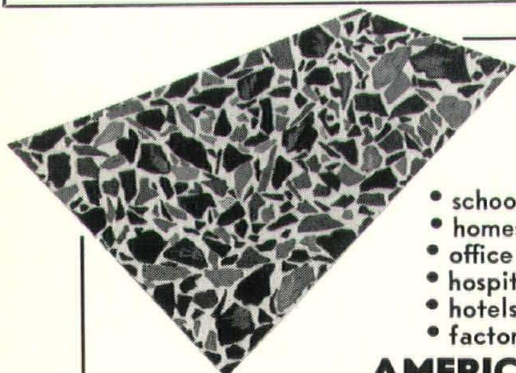
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on a building. Of all creative workers the architect is probably the most anonymous in contemporary society. He can, it is true, stamp his name on his work via a brass plate, which no one bothers to peruse, or cannily place it on a cornerstone out of sight. But generally the modern architect is faceless, his personality submerged in the multiple and complex operations necessary to construct a new urban monument.

"How many Bostonians, for example, could name the architect of the proposed Prudential development (Hoyle, Doran & Berry of Boston, Pereira & Luckman of Los Angeles), of the gleaming IBM building on the site of the old Hotel Brunswick (Harrison & Abramowitz), of the towerlike 16-story Travelers Insurance Company building scheduled to rise near the South Station (Kahn & Jacobs). These projects are destined to alter the face of the city, to affect Boston in a

thousand diverse ways along with the other planned efforts of urban renewal—but the men who will give them form and substance are largely unknown.

"The grand panjandrums of contemporary architecture have received world homage. Frank Lloyd Wright, LeCorbusier, Walter Gropius attract attention wherever they turn their hands. But their genius is the exception to the rule. The architect today is known principally to a small professional clique. To the public, whose life is effected, he exerts far less influence than the most minor television comedian. The plight of the modern architect is a phenomenon of the times but surely buildings cannot be as impersonal as all that? The architect may leave the vivid air signed with his honor, yet it would be nice if we could read it without our spectacles."



CSI PROTESTS DISTRICTING AS MEETINGS SERIES STARTS

As the 1958-59 series of meetings of the Construction Specifications Institute started locally, the Minnesota chapter went on record protesting the districting for this part of the country. This action came as the new organization took definite steps toward making its meetings of general interest to all members and potential members.

"The Minnesota chapter protests the boundaries for District No. 7 and recommends that the board of directors revise the regional boundaries to include the states of North Dakota, South Dakota and possibly Iowa," the protest said. "The chapter bases its protest on the following:

"1—That the districts should conform to, or more closely to, the North Central states regional boundaries of the American Institute of Architects.

"2—That the district should conform to, or more closely to, the Minnesota-Dakota chapter of the Producers' Council.

"Since the AIA, PC and CSI are to work toward common interests and since the economic and political aspects of these states are so closely related, we strongly urge the board to make such changes at its next board meeting."

The September and October meetings of the group heard discussions of ornamental metals, with emphasis on aluminum, and millwork specifications and writing specifications. The metal presentation was made by Kermit Johnson of Crown Iron, William Weidenbacher of Alcoa, Jerry Johnson of Kaiser and Paul Mitchel of Reynolds at the season's first meeting in Minneapolis.

Officials of the CSI chapter are shown here. Left-to-right are Dir. George Otis, Edward's Sales, Vice-pres. Lee Dahlen, Hammel & Green, Dir. Kenneth Wilson, E. F. Klingler & Associates, Dir. Roy N. Thorshov, Thorshov & Cerny, Sec.-treas. Rolin Child, U. S. Ceramic Tile, Pres. John Anderson, Hills, Gilbertson & Hayes, and Dir. A. W. Hartwig, Fast, Hilstrom & Horthy.

The specifications were covered by Theodore Mark of Aaron Carlson Co., and Lloyd Loucks of Villaume Box & Lumber Co., who discussed millwork specifications, and Robert Hanson of Patch & Erickson, architects, who covered writing.

It was announced there would be no December meeting. The 1959 national convention has been scheduled and will be held in the Palmer House in Chicago, May

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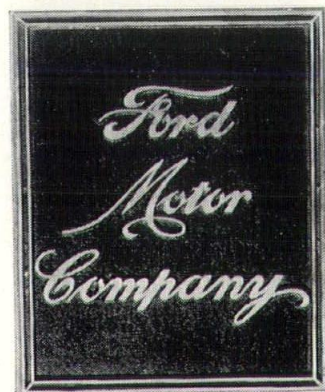
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Among those present at the CSI meetings our camera caught those shown in our group here, identified from top-down, left-right—Kermit Johnson of Crown Iron Works, William Wiedenbacher of Alcoa Aluminum and Jerry Johnson of Kaiser Aluminum . . . second, Jim Bofferding of Hills, Gilbertson & Hayes, Mark Winsor of Biesell & Belair and Bill Montague of Pella Products . . . third, Bruce Waldo of Pittsburgh-Corning, Roy Haglund of Wall Coverings, Inc., and Milt Potee of Pratt & Lambert . . . fourth, Clint Fladlund of Western Mineral Products, Ray Horwath of Mankato Stone Co., and Wayne Brock of Brock-White Co. . . . bottom, Glenn W. Cording of Cording-Mastny, Leigh Hewitt, instructor at Dunwoody Institute, and Al Fischer of Bartley Sales, Inc.

4, 5 and 6, 1959. Plans for a good representation from this area are being made because of the ease of reaching the convention city, officers of the chapter said.

Programs for the season now well underway will be varied, it was announced. Topics will cover specific problems within the field of the group's interest as well as more general consideration of the broader subjects. The work of the CSI's technical committees will be reported on as meeting topics, these workshop sessions being held when the committee work reaches its final stages.

OUTLOOK FOR 1959 BRIGHT WITH NEW BUILDING EXPECTED TO TOP \$50,000,000,000 FOR FIRST TIME

As late 1958 prospects were for a record-setting year of construction just short of the \$50,000,000,000-mark, experts in checking the construction pulse of the country predicted that 1959 would become the first year in which construction would top that mark. Surveys of economists indicated optimism in definite contrast to their ideas at this time a year ago.

Typical of the attitudes of the experts was the forecast by Miles L. Colean, writing for *Architectural Forum*, in which he said a five per cent gain from the 1958 figure of \$49,200,000,000 of total construction would place 1959's record at \$51,600,000,000. Money for building is expected to be plentiful in the next year, particularly in the first six months. However, the magazine said, building costs are expected to rise somewhat more in 1959 than they did in 1958, with a 3 to 3.5 per cent increase in price of materials and labor. Biggest boost seen by this forecast was to come in public construction, expected to go up 8.7 per cent. Non-farm housing starts were expected to go to 1,155,000, compared with 1,060,000 this year. Other data included \$1,800,000,000 for apartment construction, \$825,000,000 for public housing, \$3,000,000,000 for schools and \$850,000,000 for churches. Minus figures were for industrial building, down from \$2,400,000,000 to \$2,100,000,000, and commercial construction, down 2.9 per cent to a total of \$3,400,000,000.

The survey conducted each year by the F. W. Dodge Corporation showed that of the 212 leading economists who were questioned all but two expected the gross national product to rise next year. By the fourth quarter of the year, they said, the GNP should rise

NOVEMBER-DECEMBER, 1958



about 4½ per cent to an annual rate of \$460,000,000,000.

While they are optimistic, those who were questioned pointed out some soft spots which must be guarded against. These included inflation, possible cutting off of recovery by excessive credit restrictions, prospects for a relatively slow decline in the numbers of unemployed, a continuing profit squeeze in some lines, rising wage rates and rising governmental deficits, high taxes and a restrictive tax structure.

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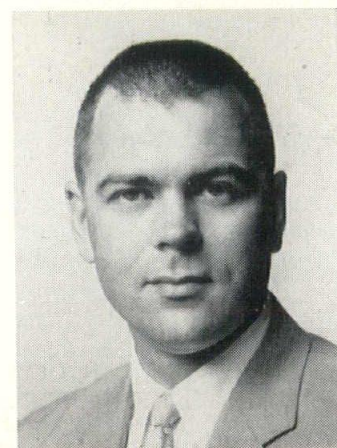
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In commenting on construction next year, Dr. G. C. Smith of Dodge said that "remarkable as it may seem, we still have sizable backlogs of demand due to the construction deficits piled up during 16 years of depression and war. . . . Because construction is by far the largest fabricating industry in the nation, the importance of this outlook to business in general can hardly be overstated. The rapid recovery of construction in the past few months has been a big factor in pulling us out of the recession."

BLOOMFIELD MADE EXECUTIVE DIRECTOR OF MODULAR ASSOCIATION

The recently formed Modular Building Standards Association has employed as its first executive director Byron C. Bloomfield, formerly secretary for professional



Mr. Bloomfield

development with the American Institute of Architects.

In announcing the appointment, MBSA President Cyrus E. Silling, Charleston, W. Va., stated, "Mr. Bloomfield brings to the position exceptional qualifications and experience that will enable him to render effective assistance to those in the industry interested in utilizing the advantages of modular measure. He is a civil and architectural engineering graduate of Iowa State College and holds an advanced degree in building engineering and construction from Massachusetts Institute of Technology. He engaged in active practice and taught architecture at the University of Colorado prior to joining the AIA. While on the staff of the AIA he published numerous technical studies and worked with architectural educators and students."

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In assessing the task ahead, Mr. Bloomfield asserted that positive actions must be taken in four areas to gain universal acceptance of modular measure. He believes that MBSA should assist architects in converting to modular drafting procedures for simplified production of working drawings, aid manufacturers in co-ordinating dimensions of their products to modular standards developed by the A62 Sectional Committee of the American Standards Association, help schools of architecture in preparing courses of instruction in modular drafting practices and assist contractors and home builders in utilizing modular measure and modular products for maximum efficiency.

WORKING WITH THE HOME BUILDER

By Royal Barry Wills, FAIA

Presented at the AIA Convention

It has been said that there are more headaches per dollar of profit in house design than in any other branch of the profession and the need for aspirin has special cogency when an architect deals with development builders. I deny nothing but to some extent it depends on the architect, his training and his professional objectives.

Reputedly there are easier and surer ways to make money than the involved process of building houses for sale, except perhaps in boom times, and the average operator who takes the risks is disinclined to diminish his hoped-for-profit by paying any of it to an architect. He is not oblivious to his real need for help but oftentimes the builder accepts the ministrations of a bright young man who likes to augment his income through nightwork. That's as far as it goes for most architects are quite unequipped even to consider this field, nor would they if invited because of its obvious problems of cost and reward, when viewed from a strictly orthodox angle.

But it is a huge field, big enough to set the tone of our suburbs and countrysides and, of course, architects should have had a great deal to do with it. Yet they have merely watched it pass into the hands of the real estate man, the builder, the material man and the package dealer. *I say that we have failed to meet the challenge* and that it's almost a professional obligation to face it. Is it a case of the old ivory tower, a lack of deftness at the small house problem or such a vulgar

consideration as too stunted a profit to quicken interest? Maybe there's a little of all this in the picture.

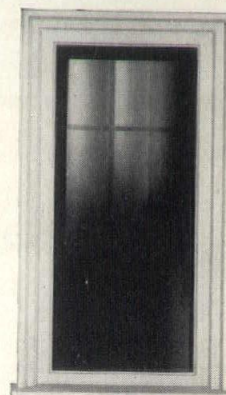
Having spent my professional life with house design I long ago had to establish an attitude towards such

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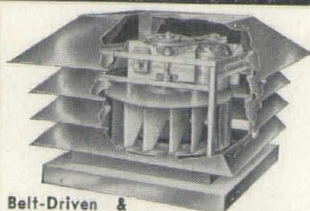
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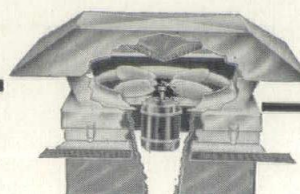
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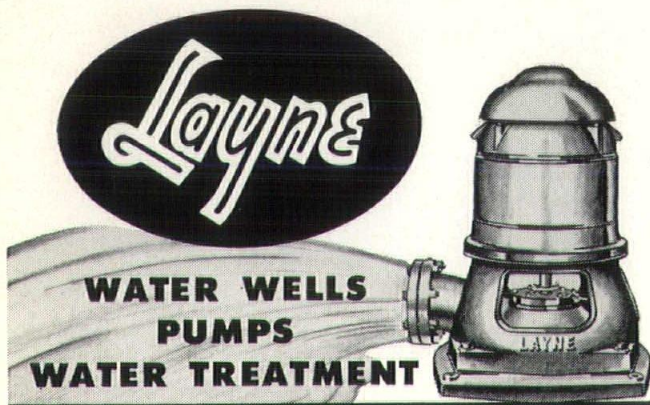
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matters and, though one has to roll with the punch and adjust his tactics to the everchanging present, there are some constants to be mentioned. One is that ordinary "Blue Book" charges never have recognized or touched the problem. If you are completely literal the result is undiluted frustration but with a modicum of imagination there is an equitable solution for both sides. Having a compulsion to exercise as much influence as possible in this field, and being a completely unsubsidized practitioner, I had to settle upon a pecuniary basis for doing business with the builders that was fair to us both.

In our northeastern bailiwick the erection of two or three hundred houses is construed as a large operation, of not too common occurrence. Most home builders limit themselves to from five to twenty houses a year so quite obviously the two groups require different approaches to the planning service.

At the bigger extreme we find it quite possible to charge a standard percentage fee for the first house and, afterwards, a royalty of from fifty to one hundred dollars for each repetition. As ever, circumstances alter cases and although there is usually an hourly rate for variations and revisions they sometimes are included with the original model. The cost per house is always reasonable and varies with the sales value of the finished product. Any builder would be foolish to risk the sale of a thirty-thousand-dollar house by working from a fifty-dollar kitchen-table plan and most of them have come to that realization.

The smaller operator naturally does not build the same design many times and cannot pay the full fee for a pilot model. We meet this problem by making a pilot design for him and repeating it, with variations, for other builders in the same category. So the original purchaser gets his service at a loss to us but in the end we come out even and make a fair profit. Although original design takes the bulk of production time, ensuing details could easily about double this total. To minimize this we use our standard as far as can be, not a hard and fast rule though it makes sense in most cases.

By these devices we know we do the builders a service and I have the personal satisfaction of doing my part towards controlling the shape of things a-building, as I think is right.

Some younger architects who have entered this field have had a rougher time, with the builder completely in command. That does not need to be for there are

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potent reasons why the architect should feel *no sub-service whatsoever*. For one thing it is by no means his only source of income so he is free of the economic whiplash. Secondly, he has strong arguments for his usefulness to the builder, *being sole proprietor of the design process*.

Good design is good business and a canny architect can save the builder more money than the latter can make through squeezing his subs and material suppliers, by designing him a product of heightened worth. Design is indeed the crux. Given a good one any building program will succeed but, given a bad one . . . let's take a look at automobiles, the erstwhile keystone of our economic arch and now slipped a notch or two. It certainly caused today's recession and I feel sure that design lies somewhere near the bottom of the dilemma with fishtails, fins and chrome ad nauseam, big, clumsy, wasteful, vulgar and too expensive. Who wants that sort of gear in a day when there are so many other symbols of success? Too big for crowded highways, too big for the average parking space or our garages, they won't even admit large cars at the intown garage where I park. Car design may be carried on with elaborate secrecy but when the new design is unveiled it looks like every rival "creation." Witness the similarity in conspicuous consumptive dazzle between a Chevy and a Cadillac. What's happened? Thousands are buying foreign cars because they're different, economical to own and operate and easy to park. One doesn't need two or three hundred horsepower on a trip to pick up a paper at the newsdealer's or yet for more extended trips.

There is a lesson here if we interpret it correctly. For one thing impractical design, however betinselled, does not spell success and, for another, pseudo-scientific pulse-of-public-demand taking means little if you read the wrong pulse. Far better to correlate all the phases and present limitations controlling your problem and come to a judgment through pure reason. The automobile design departments got a real bum steer. Fishtails and fins, indeed; let us not make our development houses that way or we'll be cooking up just as unacceptable an olla podrida.

In a way the depression has its virtues for the "easy-sell" is momentarily in eclipse and discrimination may again catch a breath and assert itself. This is of concern to the builder who has been putting up houses of uncer-

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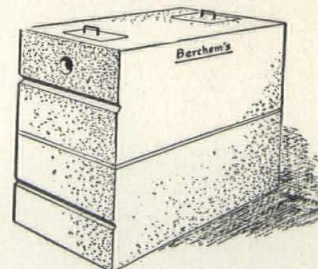
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tain lineage but called "modern" with varying degrees of truth. My personal belief is that "modern" has failed to meet the small house needs, as handled by poorly advised or indiscriminating operators. I think that for some time there has been a growing public dislike for these types, that builders have been influenced to embrace designs not suited for this climate in attempted conformity with a public interest in novelty that has been fostered by big advertisers working through and influencing the magazines. This is a bit of an indictment but it certainly figures. Manufacturers make possible the existence of the magazines that publish our designs and as they plug novelty and gadgetry as a must for mass sales, who'll say the magazines are not swept along willy-nilly?

But there's a "crack in the picture window" now and too big to be ignored. In private commissions "shoe-box-modern" is quite gone, giving way for a return in some measures of grace, dignity and fine detail. People are soon repelled by houses that repeat the design idiom of the store, filling station or factory as the goldfish bowl motif is like a man with a plastic epidermis and all his innards open to view. The home builder senses that something is wrong when his sales are slow but that is costly information. We should be the ones to guard him from excesses, if only so we won't have to look at them. Maybe he should know that, once he's discharged from the armed services, every man has an inalienable right to some privacy, a home where he can relax and slip his galluses and even pinch his wife in the proper places, without the whole town being privy to it.

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That doesn't mean necessarily retrogression or the swapping of new cliches for old ones but it does mean casting a wary eye at the specious glitter of untried novelty and the reappraisal of our architectural background for its more timeless forms and usages. After all, the past was developed by men of talent and one may not rationalize them into having been dark-age numbskulls who left no contribution towards solving present day living problems. I believe that our guidance towards middle-of-the-road realism in house design would be a sound selling point for the more discriminating attitude of a buyer's market. Personally I'm happy about the latter for, though it may prevent easy selling by the home builders, it forces one to raise his sights and do better. I'm not unhappy because we have a few large operators in New England; it spreads control and may cut down the multiplication of undetected errors. It may be of interest that just now one of our bigger mass builders is shifting his accent from a superficial modernism to the warmer, more colorful patina of earlier days. His designer's comment, "You've got to sell 'em."

The architect could exercise far greater leadership in this broad field as a public service and at a fair profit. The easy way is to remain aloof but it isn't right to the profession or fair to the economy. *We could build our way out of this depression if we were set up for greater control of the mass design of small houses.* And that cannot be achieved through inept, formalized procedure, as I have described earlier, but by adjusting oneself to the problem's realities.

We must prove to the builder that though we are artist enough to design with warmth, good taste and beauty, we are realistic enough to make our houses practical, replete with fetching ideas and eminently salable—at a profit. We must understand something of the multitude of problems before the builder, relative to labor costs, products and prices, for this channels our thinking into greater usefulness to him and to ourselves; it saves hours of design time.

Evolving good small houses is hard work, where one thinks in inches and regards bulging cost-lines with anxious concern. Development work may not produce any more headaches than a nervous-type female client can give you but along with its satisfactions it carries the extra responsibility of making completely sure that there are no errors or oversights to be repeated a dozen times

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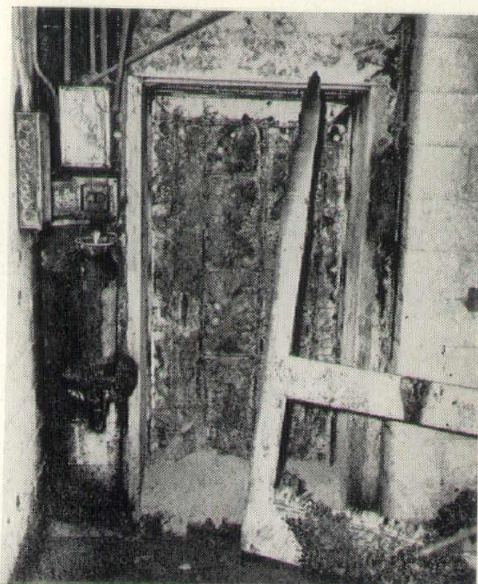
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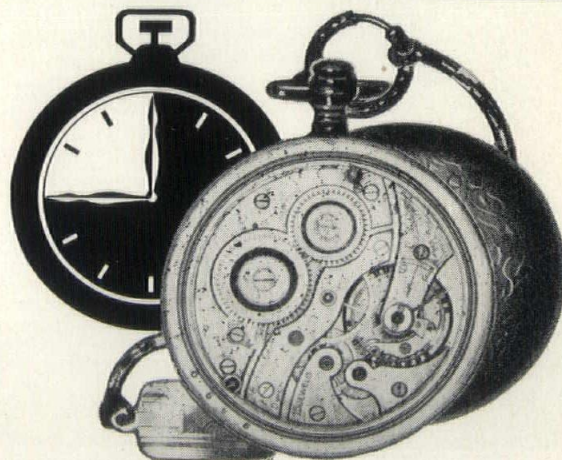
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before apprehension. Chiefly, however, the challenge of development work is that of meeting the market with a design you *know* is good, and *think* the buyer will like.

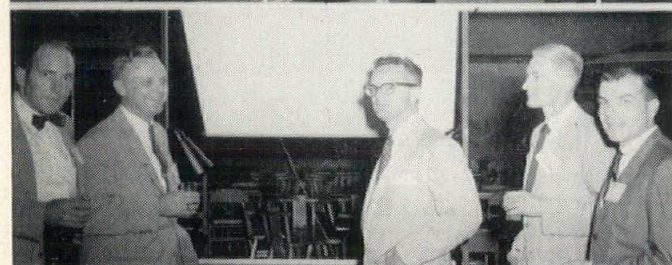
But first the builder must be doubly convinced that he's getting his money's worth. To some it might seem easier to skip the whole thing but I do not propose to, regarding it as a professional obligation to exercise as much guidance as I can towards bettering the product and the view, as housing developments spread across the New England landscape. It has been a beautiful sweep of country and I want to keep it so, to the best of my ability.

ARMSTRONG ACOUSTARAMA PRESENTED FOR TWIN CITIES ARCHITECTS

A two-day presentation of the latest developments in acoustical control and materials for this control was made in the Twin Cities recently when the Armstrong Acoustarama was sponsored by John Schold & Sons of Minneapolis, St. Paul Linoleum & Carpet Company and Artcraft Plastering Company of Faribault, Armstrong acoustical contractors in Minnesota.

E. J. Hodapp of the Armstrong Cork Company, Lancaster, Pa., spoke to the two groups on means of solving sound transmission problems, bringing the architect and the specifier up-to-date on developments by Armstrong and treatments of problems, with special emphasis on lay-in type acoustical units.

Among the 75 at the Minneapolis meeting and 80 at the St. Paul gathering our cameraman found those shown in the five pictures here. They are (left to right) —The hosts (top), Jerry Schold of the Schold company, Bud Peck of artcraft, Howard Commers and W. C. Groth of St. Paul Linoleum, Dick Krost of Artcraft, John Schold, Jr., Bill Anderson of Artcraft, Carl Schold and Graff Hedger of St. Paul Linoleum. . . . (second picture) George Townsend of Bettenburg, Townsend, Stolte and Comb, Bill Shannon of Ellerbe & Co., Bob Howe of Haarstick, Lundgren & Associates and Sid Stolte of BTS&C. . . . (third) Maury Johnson of Grover-Dimond Associates, Vern Elsen of Armstrong, Kansas City, Rogers E. George of Grover-Dimond, Harold Andrews of Ray Gauger & Co., and Jim Kellett of Grover-Dimond. . . . (fourth) Don Schwappach and Don Nordblom of Johnson & Nordblom, Graff Hedger of St. Paul Linoleum and Art Rydmark of Johnson & Nordblom. . . . (bottom) E. H. Chun of U. S. Army Engineers, Jack Loveless of Bergstedt & Hirsch, Harvey Andrus of Armstrong Cork and Jerry Schold of Johnson Schold & Sons.



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CONCRETE QUALITY CONTROL AND UNIFORMITY STRESSED AT MEETING

The major role of uniformity, as well as need for quality control, was accented for architects, engineers, prestressed concrete workers and testing personnel during a recent meeting at which R. A. Jessen, chief engineer for the Sika Chemical Corporation, spoke. The meeting was preceded by a dinner and was sponsored by the North Central Supply Company, St. Paul.

Mr. Jessen stressed the use of Plastiment Retarding Densifier as an admixture to insure quality control and eliminate problems brought about by varying conditions on different projects. Also considered was use of Igas joint sealer and epoxy resin in general construction. These products of Sika are handled by North Central Supply, the maker's representative in this area, whose representatives at the meeting pointed out printed materials dealing with these products can be obtained from the company's office.

Among those who attended the meeting are those shown in our pictures here. They are (l-r)—top, Richard Scott, Dwight Moyer and Don Chapman . . . top, right, Mr. Jessen . . . next, Larry Mandel, A. J. Duvall and Robert Soukup . . . third, Paul Paulson, Richard Vasatka and Leonard Soukup . . . fourth, Walter Hurtley, Frank Frankosky and E. C. Carsberg . . . bottom, Ray Mork, Robert Pope and C. P. Hanson.



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TOBIN NAMED EXECUTIVE SECRETARY OF MINNESOTA CONCRETE PRODUCTS GROUP

The Minnesota Concrete Products Association has selected P. W. Tobin to be its executive secretary, according to Pres. John Bush. Mr. Tobin will be active in arranging for the association's annual convention to be held in Minneapolis on December 8 and 9.

A native of North Dakota, Mr. Tobin holds his B.A. from Dickinson State Teachers' College. He is a veteran of World War II, having served four-and-a-half years as a Navy patrol bomber pilot. After being in private business in North Dakota for nine years he went into public relations work and was executive secretary for the North Dakota



Mr. Tobin

Multiple Sclerosis Foundation, setting up the first office in Fargo.

The association also reported that it is preparing a manual on concrete masonry and on masonry, which will be made available to architects, contractors and others.

DESIGN DETAIL SERVICE AVAILABLE FROM BLUMCRAFT

Architects have been invited to send their aluminum railing problems to Blumcraft of Pittsburgh for study, the company reported recently.

"Where it is necessary to adapt a stair railing installation to special conditions, the architect should forward his preliminary drawings or a sketch of the railing problem and sectional drawings to the architect's scale will be prepared and forwarded by us to the architect for easy tracing," Blumcraft officials said.

"Blumcraft does not build railings complete but supplies its components to all ornamental metal fabricators. The railings are built in the plants of the local metal fabricators. As Blumcraft materials are available to all, competitive bidding to the general contractors is available on all public and private projects.

"Two price lines of Blumcraft aluminum railings are available to architects. Low-cost tube-line is suggested for service stairs and where budget is a limiting factor. The Blumcraft deluxe line is suggested for featured locations. Low-cost tube-line compares favorably in price with aluminum pipe railing because of the minimum shop labor required to fabricate it.

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NEW IDEAS FOR OFFICES are readied for the drawing Board as Clark Briggs, Manager of Farnham's Office Furniture Division, approves suggestions made by Beverly Wachsmuth (left) and Barbara Anderson (right), two of Farnham's trained office planning artists. Complete offices, from the drawing board planning stage to the final touch in decorations, are created by the Office Design Department of Farnham's, 305 South Fifth Street, Minneapolis.

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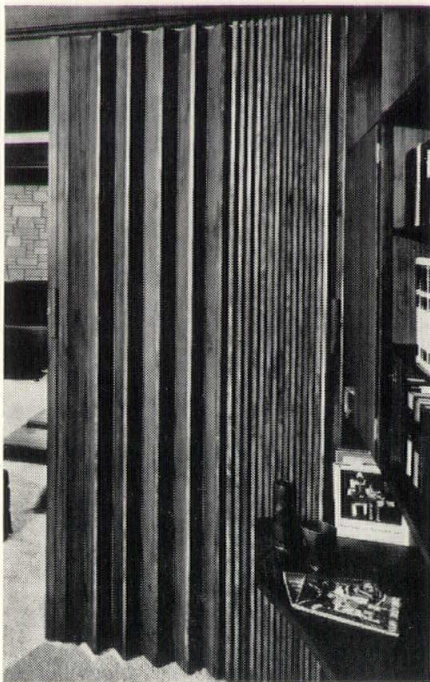
BLUMCRAFT
460 Melwood, Pittsburgh 13, Pa.

shop and field problems in fabrication and installation."

Blumcraft of Pittsburgh was recently honored by receiving a merit award for its catalog from the Producers Council of America at the National Convention of American Institute of Architects in Cleveland. The complete Blumcraft catalog is available by addressing an inquiry to Blumcraft of Pittsburgh, 460 Melwood St., Pittsburgh 13, Pa.

NEW WOODS IN PELLA WOOD FOLDING DOOR

White ash and American walnut veneers are now available on Pella wood folding doors, in addition to



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ance of an all-wood door is maintained from any angle."

Folding doors of ash and walnut will supplement the present line of birch, oak, pine and Philippine mahogany.

McKENZIE ANNOUNCES METAL CURTAIN WALL MANUAL

In announcing the budget for the Metal Curtain Wall Division of the National Association of Architectural Metal Manufacturers, Ralph L.

McKenzie, Flour City Ornamental Iron, Minneapolis, said that one of the major projects for the group during the next two years will be publication of a Metal Curtain Wall Manual.

The new manual will contain a general introduction to the problems of this kind of curtain wall and sections on nomenclature, general specifications, testing procedures, component specifications, recommended design, fabrication and erection practices and engineering economics.

a Christmas Wish


May your Christmas be bright and cheerful — and may your New Year be filled with prosperity and the satisfaction that comes through accomplishment.

All of our member manufacturers
join in extending the best
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ADEL CLAY PRODUCTS CO. West Des Moines, Iowa	OCHS BRICK & TILE CO. Springfield, Minn.
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The division's members also have approved creation of a speakers' bureau, market research committee and a university and college public relations program.

NEW MMM FLOOR COVERING HAS UNUSUAL QUALITIES

A new resilient floor covering offering the silence and texture of carpet combined with the wearability of tile has been announced by Minnesota Mining and Manufacturing Co., St. Paul. Called Scotch-Tred Resilient Non-Slip Floor Covering,

the material is available in three colors, beige, black and gray.

It is flexible enough to be used in a continuous strip on stairs, yet it is durable enough to give years of service in lobbies or reception rooms, MMM said. In addition, the material provides positive, non-slip traction even when wet or oily and its resilience helps reduce fatigue for those who work or stand on it.

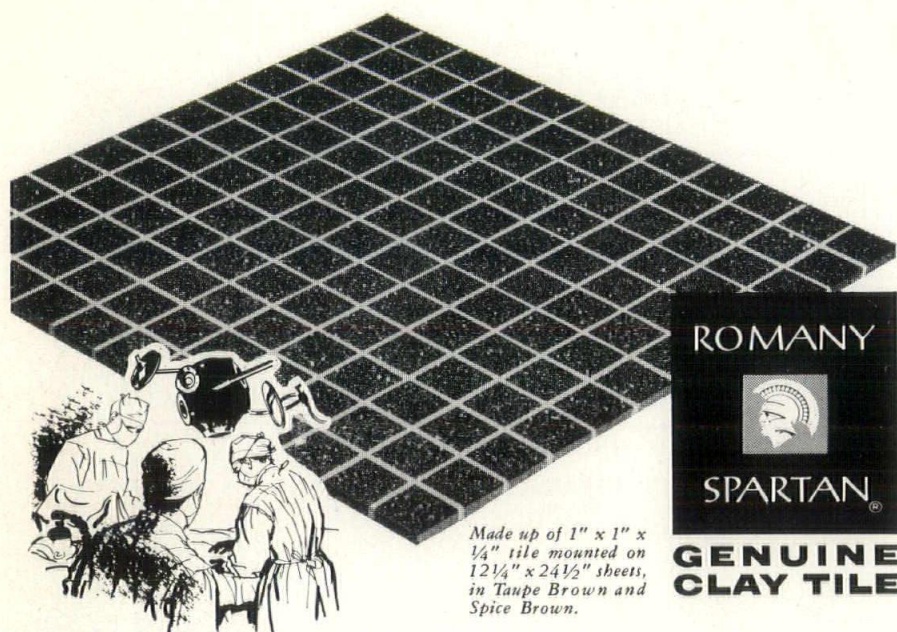
The material is made with a dimensionally stable plastic film backing, a textured bonded-particle surface and a waterproof adhesive. It



New MMM covering on stairs

is a complete moisture barrier. The weight is 2½ oz./sq. ft., and the thickness runs 45-50 mils overall. The covering is easily conformed to contours and it will not mar objects which come against it. It is spark-proof and flame-resistant and it is resistant to most chemicals, solvents and similar materials. Scotch-Tred can be applied in minutes and is ready for immediate use simply by stripping the protective backliner from the pressure-sensitive adhesive.

The floor covering is sold in standard 96' rolls 4", 6", 12", 18", 24" and 36" wide; in ¾" x 24" strips; and in 9" x 9" tiles. Additional information is available from the 3M company, Dept. F8-228, 900 Bush Street, St. Paul 6.



Made up of 1" x 1" x ¼" tile mounted on 12¼" x 24½" sheets, in Taupe Brown and Spice Brown.

For operating room safety, specify... ROMANY•SPARTAN CONDUCTIVE FLOOR TILE

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With unglazed Romany•Spartan conductive tile, explosion hazards created by static electric sparks in anesthetizing areas can be almost completely eliminated. Dust-pressed with straight edges, Romany•Spartan tile has a moisture absorption factor of less

than one-half percent by weight.

Two attractive, easy-to-clean colors blend harmoniously with all wall colors and equipment.

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"COLOR IN BRICK" REVEALED BY ADEL CLAY PRODUCTS

After years of research, Adel Clay Products Company of Des Moines, Iowa, has announced availability of a through-color brick.

"Not so many years ago color in brick was unknown," said F. L. McCrea, manager. "Colors were available only in the natural clay with some variations to the light and dark. Today, almost every wanted color is available. At Adel Clay Products colors are 'born in the brick' rather than brushed on the surface. There is no color fading and the beauty actually improves with age.

"Adel brick is available in a wide range of colors and is adaptable for any building need including planter

NORTHWEST ARCHITECT

boxes, fireplaces, interior walls, living room, recreation room or den.

"Requirements of builders are quickly satisfied in a wide range including all wanted textures. Fidelity of Adel shades for match jobs is an important consideration when future building extension is planned and, of course, all Adel Clay products meet rigid ASTM requirements."

Adel color brick is available in reds, buffs, cream, tans, pinks, whites, grays, blacks, chocolate, rose, blues, and yellows, plus any combination of colors that Adel Clay Products create for special orders, or that are available from jobber lines in most areas. Sizes include Roman, Norman, Economy, Jumbo, SCR Standard and Modular in natural unglazed, smooth, textured and velour.

Adel Clay Products' address is 101 Ashworth Road, West Des Moines, Iowa.

ANDERSON OF CROWN IRON ELECTED STEEL INSTITUTE DIRECTOR

C. H. Anderson, president of Crown Iron Works, Minneapolis, has been elected a director of the American Institute of Steel Con-



Mr. Anderson

struction. The institute is the national group which has as its goal the furthering of the development of the structural steel fabricating industry and Mr. Anderson is being named a director of the group followed years of work by him in improving the industry of which his company is a part.

MODULAR BOOKLET BEING DISTRIBUTED TO INDUSTRY

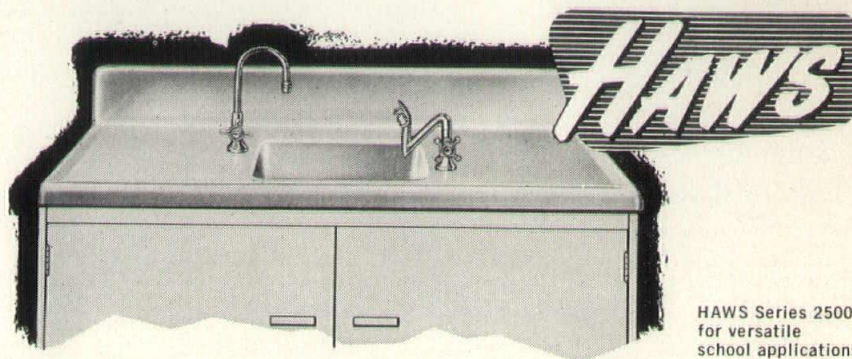
Some aspects of the use of modular measure in design and construction have been presented in a spe-

cial, 8-page booklet now being distributed to the industry by the Modular Building Standards Association, Washington, which is sponsored by the AIA, AGC, NAHB and PC. The publication is another of the methods being used to encourage use of the system and its distribution is to architects, contractors and products manufacturers.

Included in the material is a

chapter on the drafting room applications of modular measure prepared by John Magney of the Minneapolis firm of Magney, Tusler & Setter. Mr. Magney was one of the early proponents of the modular system.

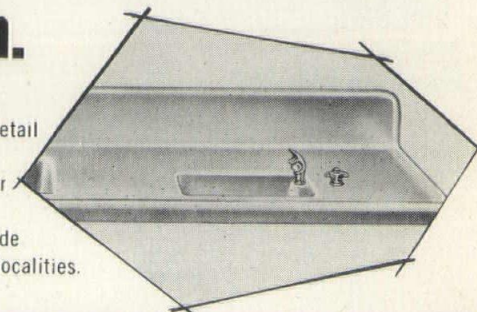
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COLORED STEEL BUILDINGS DESIGNED FOR INDUSTRY AND COMMERCE

Pictures and details of the first pre-engineered industrial and commercial buildings with colored steel, as well as buildings with the standard metal finish, are contained in a new full-color brochure now avail-

able from Stran-Steel Corporation.

"The new color coating, called Stran-Satin Color, is not paint but a two-layer protective coating of vinyl-aluminum applied direct to the steel at the factory," the company said, "and it will not blister, peel, crack or sunfade. It is offered in metallic shades of blue, green, rose,

bronze, gray and white.

"From warehouses to showrooms, the brochure shows how Stran-Steel factory produced buildings have been custom styled to meet specific operational and design requirements."

The brochure is available free from Stran-Steel Corporation, Detroit 29, Mich.

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HIDDING BECOMES MARBLE INSTITUTE VICE-PRESIDENT

Theodore R. Hidding, president of the Twin City Tile & Marble Company, Minneapolis, has been elected vice-president of the Marble Institute of America. The group concluded a recent convention in Sea Island, Ga., with its elections.

Mr. Hidding is active in Twin Cities' groups as well as the institute, having been a director of the Minneapolis Builders' Exchange and a past president of the Twin City Building Employers' Association.

GARDNER ANNOUNCES FIVE-DAY DELIVERY ON FRAMES

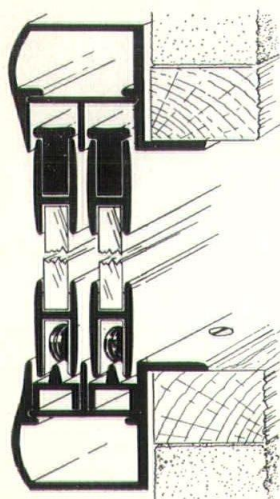
"Five-day delivery" is a new development in the fabrication of Steelcraft Hollow Metal Transom and Sidelight Frames announced by Gardner Hardware Company, Minneapolis, through its vice-president, John J. Healy.

"Frames can be made up from architectural drawings in our shop," Mr. Healy said. "We carry a large inventory of the required metal sections, as well as stock frames and doors, allowing us to provide this unusually fast service. Complete information can be had by contacting us and discussing the architect's particular needs."

ASBESTOS-CEMENT QUARTERLY IS NEW PUBLICATION

Beating the drums for the asbestos-cement products industry is the new "Asbestos-Cement Quarterly," issued by the Asbestos-Cement Products Association. The first issue contained some of the industry's historical background, presentation of the asbestos-cement house of the issue, a piece of landscaping and other pertinent material of interest to the architect and others in this industry.

The association's address is 509 Madison Ave., New York 22.



NEW! from NEAL SLATE...

... a display cabinet of rugged design for heavy-duty school and commercial use. "Model DC" sliding-glass-door cabinet frame is specially designed for use on large, long cabinets — for trophies, product displays, changeable exhibits — it keeps them safe, yet accessible. Doors are outside the opening, for maximum inside space. Frame and tracks are made of maintenance-free aluminum. Lock is part of frame and cannot chip glass.

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GENERAL FIREPROOFING MOVES INTO NEW BUILDING

General Fireproofing, which specializes in fire-resistant metal office furniture and related equipment, has moved its Minneapolis branch into a new office and warehouse building in that city.

The company started as a producer of metal lath, according to Phil Mullen, branch manager, but switched when it realized that building fires were too frequently fed by contents of the structure and that there was a need for making the contents fire-resistant. The company has more than 27,000 items on its inventory, including both the very latest in designs and materials and the standard units which have proved their value through the years.

"Fine design, with maximum fire protection, are the guiding influences in all our products," Mr. Mullen said. He said further that the company seeks to service architectural accounts with particular care.

The new building was designed with complete interior space flexibility in mind. Display areas, office spaces and work and warehouse areas can be varied to meet changing demands of the business, according to the manager.

During the open house which marked the opening of the new building architects and others in the construction industry were guests of the General Fireproofing management.

LIGHTWEIGHT DUST COLLECTOR ANNOUNCED

A new 12-page, two-color bulletin detailing the Joy Microdyne Dust Collector has been released by the Joy Manufacturing Company Oliver

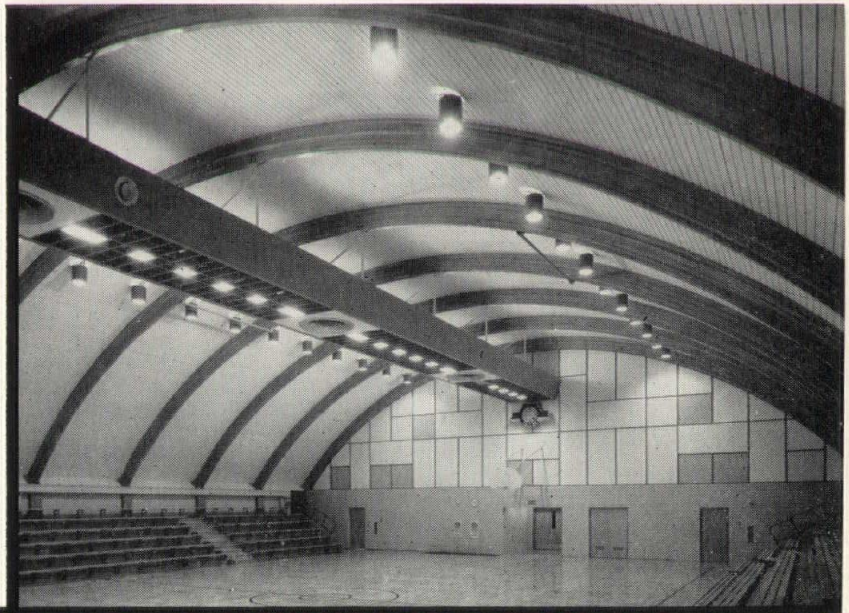
Building, Pittsburgh 22, Pa.

"The Joy Microdyne is a wet inertial type dust collector installed as

In the upper left picture are (l-r) Russell Fallstad of General Fireproofing, Jack Tobias of S. C. Smiley & Associates, Senora Simmonds, General Fireproofing decorator, and Mas Matsu-moto of S. C. Smiley . . . upper right are Charles Champlin and Helen Bischoff, both of Magney, Tusler & Setter, Phil Mullen of General Fireproofing and Senora Simmonds . . . lower left are R. M. Olson, Soo Line assistant comptroller, Mrs. Olson and Mr. Mullen . . . lower right are Walt Gardner of Skippy Peanut Butter, John Munro of Prudential Insurance, W. R. Kray of Northwestern National Life Ins. Co., Paul Griffin, General Fireproofing district manager, E. G. Martenson of Northwestern National Life and Edward Purnell, General Fireproofing president.

part of the duct.

The booklet is Joy's Bulletin J-616, available on request.



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Such is the report from Haarstick Lundgren & Associates, Inc., who were given the challenge of providing an attractive design with low cost. "Important credit," they said, "must be given Rilco Glued Laminated Wood Arches and the prompt cooperation of their representatives in helping us to meet the challenge."

Rilco Arches, Beams, Trusses and Rilco Deck will help you to achieve similar results in schools, churches and commercial buildings whether the design is traditional, modern or purely functional. Rilco engineers will gladly work with you at any time. Just write . . .

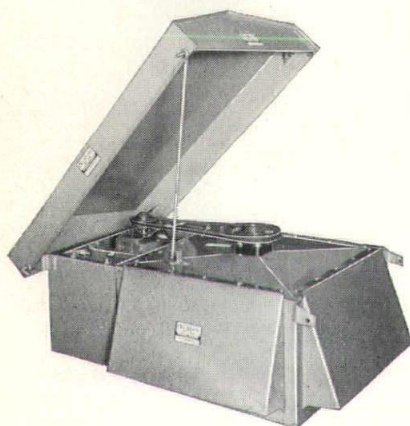
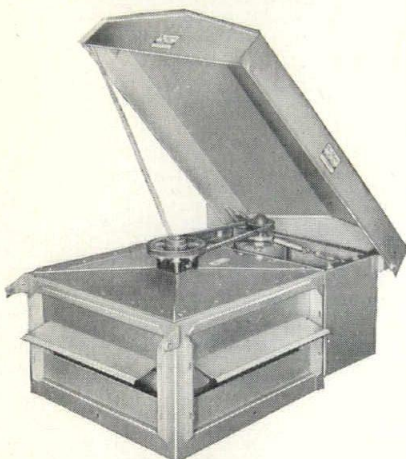


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Pictured in ground breaking ceremonies are C. L. Ammerman, R. M. Hadrath and E. A. Ammerman.



AMMERMAN BUILDING NEW PLANT IN STILLWATER

Construction of the Ammerman company's new manufacturing plant in Stillwater, Minn., is well under-way. Completion of the 30,000-square-foot, single-story building is expected in early December, when the company's equipment will be moved to its new quarters from the firm's present location in Minneapolis.

According to C. L. Ammerman, president, the increasing volume of sales as well as a constant swelling backlog of orders necessitated expanded production facilities. E. A. Ammerman, vice-president, further stated that with new designs of its present products and with plans for additional products to be manufactured, the new plant had become necessary.

Ammerman company manufactures ventilating equipment and has

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nationwide distribution of its lines, which are known as Air-Xpeler and Air-M-Peler.

VALUE OF PREFABRICATED WINDOWS AND DOORS OUTLINED

Prefabrication from a practical standpoint really came into its own with the development of the prefabricated window. Recently, however, an equally important advancement has been made in the development of the prehung door, according to designers of Snell Sash & Door Co.

"Both the window unit and the door unit can be manufactured and assembled to exacting standards at the factory and delivered to the builder for quick installation," they pointed out. "This not only lends efficiency to the job but allows the builder to analyze his costs more closely, as with the invoice he receives from the supplier he knows exactly what this part of the job costs him. He eliminates all of the guesswork involved in trying to determine the amount of time it takes to hang a door, install hinges and lock, set the jamb, miter the trim and drill for all of the nails and lots of other things necessary to hang a door.

"Snell Sash & Door Company's belief in prefabrication has been shown through its development of the Snell casement window, the Snell glider window, the Snell awning window, the Snell utility window, the Snell removable weathertight double hung window, the Snell economy air control window and now our newest addition, the Snell pre-hung

door for both inside and outside doors."

YEAR ROUND CONCRETING PAMPHLET AVAILABLE

An eight-page pamphlet entitled "Year Round Concreting" summarizes the new American Concrete Institute's standard recommendations for cold weather concreting. It tells how calcium chloride and other developments aid in placing durable, quality concrete in cold weather.

The publication includes sections on accelerators, preparation before concreting, winter concreting objectives and protection required. A two-page chart illustrates data on effect of 2% calcium chloride at temperatures of 73, 55, 40 and 25 F, on Type 1 and Type 3 cement, the institute report said. Guide specifications, prepared by the Calcium Chloride Institute, are included for architects and consulting engineers.

Copies of the booklet are available on request to the Calcium Chloride Institute, 909 Ring Building, Washington 6, D. C.

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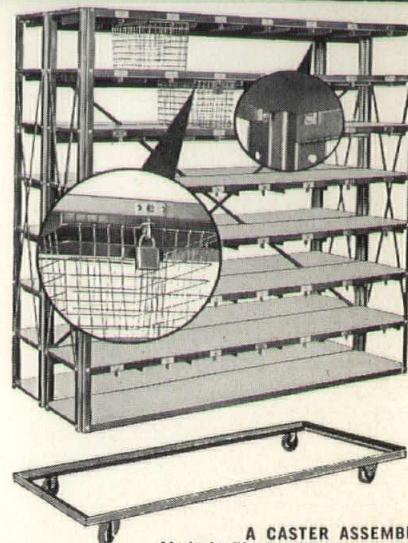
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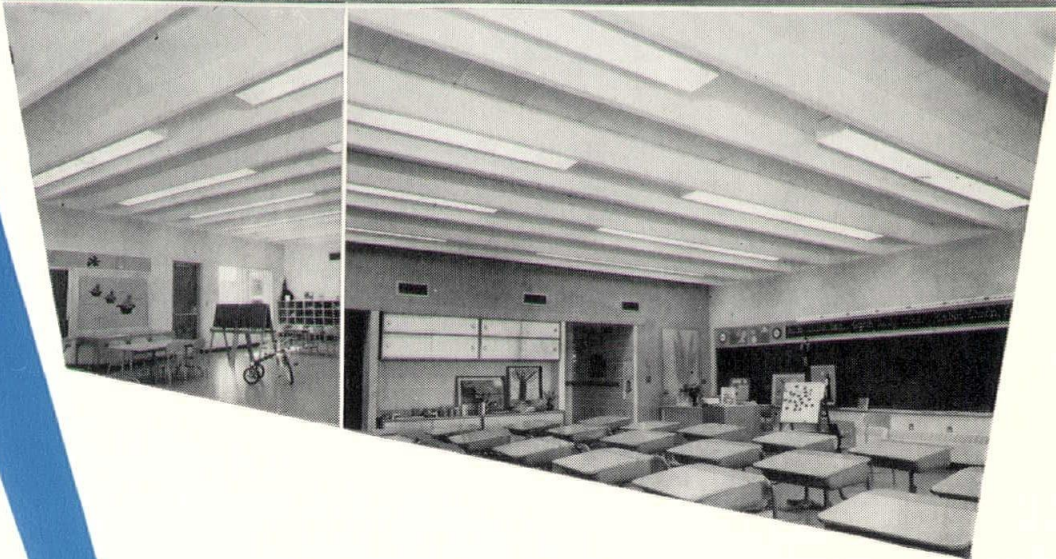
*Victoria Primary School
N. Victoria St. & W.
Iowa Ave.
St. Paul, Minnesota*

Brooks Cavin, Architect

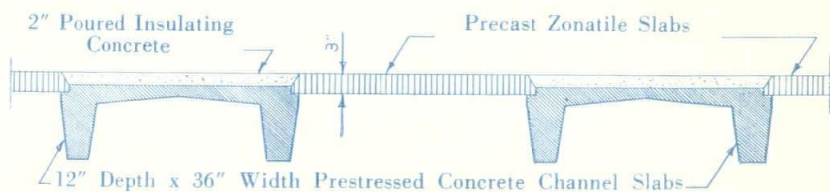
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HIGH QUALITY roof deck provides ATTRACTIVE ceiling



Fifteen thousand square feet of roof area were engineered with this economical framing scheme of PRESTRESSED CONCRETE and ZONOLITE CONCRETE by the designers of Victoria Primary School in St. Paul. The complete structural roof system including the PRESTRESSED CHANNEL SLABS, precast ZONATILE and poured ZONOLITE, as illustrated in the detail above, was furnished and installed for less than \$1.00 per square foot. This light-weight, FIRE-SAFE deck combination was used to span 28 feet clear between bearing walls, with an average dead load of only 37 pounds per square foot. Merely painted to present an ATTRACTIVE ceiling finish, the system provides an INSULATED roof combined with high ACOUSTICAL properties and recessed LIGHTING troughs. Please inquire for further information on this newly developed and highly efficient PRESTRESSED CONCRETE roof framing system.

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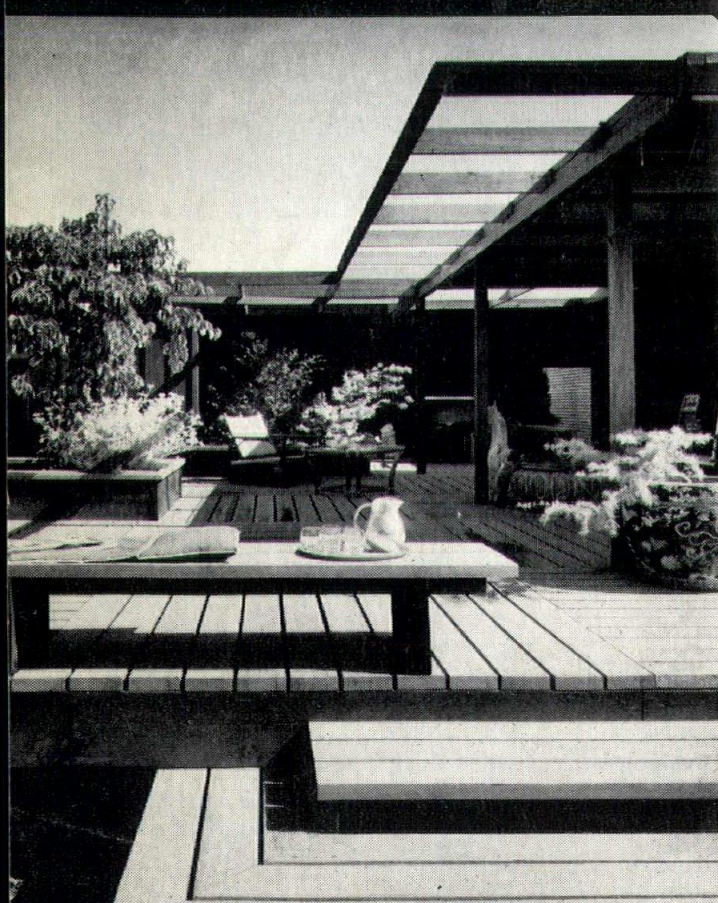
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