March
April
1957

Volume XXI
Number Two
Pace-Setting Lighting
IN A
NEW OFFICE BUILDING

The AMERICAN HARDWARE MUTUAL INSURANCE COMPANY, 3033 Excelsior Blvd., Minneapolis, Minnesota

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MARCH-APRIL, 1957
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<td>2-Tables, 4-Benches, 1-Double Depth Cabinet</td>
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Make rough opening 85¼"x31½"x6½"  

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A Presentation of the
Honor and Merit Awards
at the
AIA
Centennial

PART of the observance of the Centennial of the American Institute of Architects by the Minnesota chapters of the institute was selection of four buildings to receive honor awards and six buildings to receive merit awards. Presentation of the honors was made during the Centennial Banquet and it is our pleasure to present on the following 20 pages a monograph of pictures of the winners. This takes the place of our usual architectural firm monograph, which will be resumed in our next issue.

The honored buildings were selected by an outstanding jury of Prof. Vernon DeMars of the University of California in Berkeley College of Architecture, Dean Buford Pickens, Director of Campus Planning for Washington University, St. Louis, and Oskar Stonorov, architect and planner, Philadelphia.

The general level of excellence of the works submitted for the honors was such that it is understood the jury had difficulty selecting the final winners from among some 15 or 20 buildings. As is true in any judging by professionals of strong beliefs and varied backgrounds there was no immediate unanimity of selection and the resultant discussions were pointed.

For the information of our readers not completely familiar with members of the jury we would like to present brief biographies of them.

Professor Vernon DeMars

Prof. DeMars is a planner and member of the faculty of the College of Architecture, University of California, and a member of the Northern California Chapter of AIA. He was Chief of the Housing Standards Section of the National Housing Administration and has contributed articles to leading architectural magazines. He was awarded the Parker Medal for the Eastgate Apartments, done in association with Koch, Kennedy, Rapson & Brown, given by the Commonwealth of Massachusetts for outstanding architectural design. Prof. DeMars is well known for his work with the Farm Security Administration in the design of permanent housing and Migratory Labor Camps projects, which have been widely published both here and abroad. He was a consulting architect with the Mutual Security Agency for the design of Miners Housing in the Ruhr, Germany, and he also represented this country at a conference in Italy on community planning. Currently, in addition to teaching, he is working on both private and government housing developments in California.

Dean Buford Pickens

Dean Pickens until recently was dean of the School of Architecture, Washington University, and has just resigned to take charge of Washington University development program as Director of Campus Planning. He is a member of the St. Louis Chapter AIA, has written and contributed to many magazines and has been extremely active and has held many positions in the AIA national and local chapters and is currently secretary of the Association of Collegiate Schools of Architecture. He formerly was professor at Wayne University in Detroit and Director of the School of Architecture, Tulane University in New Orleans.

Oskar Stonorov

Mr. Stonorov is a well known architect and planner. Among other things he edited the first publication on LeCorbusier's work and worked with LeCorbusier for a number of years. He has worked for numerous public housing projects and is actually one of the early architects to participate in public housing in this country. He is currently working with the Philadelphia Planning Commission on the redevelopment of the central part of Philadelphia.
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Ellerbe and Company
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MERIT AWARD

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BANK REPLACES YESTERDAY'S BALL PARK

SAFE, TOO, will be money banked at Northwestern National Bank's Nicollet-Lake Branch. Located on a site familiar to Twin City baseball fans, this structure occupies what was Nicollet Park—former home of the Minneapolis Millers. Standing in its place today is 155 tons of Pacal Structural Steel, 39 tons of Joists and Steel Decking and 72½ tons of Reinforcing Steel and Wire Mesh.

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ERECTOR—Holman Erection Co., Minneapolis
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Asides ... 

The serious moments, the thoughtful moments, of the AIA Centennial celebration were caught in the four pictures here. Shown, l-r, from top down, are: Brooks Gavin, St. Paul Chapter president, Dean John Burchard, Victor Gilbertson, president of the Minnesota Society, and Clair Armstrong, centennial program chairman, as the local architects welcomed Dean Burchard to the cities. ... The AIA Fellows, Edwin Lundie, Dale McEnary, W. H. Tusler, Roy Jones and Oscar Lang, ... Sid Stolte and Robert Hendershot. ... John Magney.
Centennial Was Honored by Big Area Turnout

Pictures of Some of the Awards Presentations

Some of the honor and merit award winners, whose work is shown in detail in the monograph section of this issue, are pictured here with their exhibits and receiving their awards at the centennial celebration. They are:

1—Roy Thorshov (l) and Robert Cerny (r) of Thorshov & Cerny with Rev. F. L. Richeson of the First Christian Church, with the exhibit.

2—Rev. Richeson and Newton Griffith of T & C as the award was made.

3—Principals of the county government and the firm with the Jyring and Whiteman exhibit of the St. Louis County Courthouse.

4—Four of the principals with the Jyring and Whiteman display of the Washington Elementary School.

5—Tom Frederickson of the Andersen Corporation (l) and Brooks Cavin, designer, with exhibit of the company's new building.


7—Larry Hovik, Al Meinecke, William Shannon and Peter Woytuk, all of Ellerbe & Co., with exhibit of the Hazel Park Junior High School.

8—Richard Hammel (l) and Curtis Green (r) of Hammel & Green with John Alexander, board member of St. Benedict's College Center, with exhibit of the school's dormitory.

MARCH-APRIL, 1957
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Mr. and Mrs. Grover W. Dimond, Jr.
Mr. Harold E. Hanson, President, Duluth Chapter, AIA
Mr. and Mrs. Otto M. Olsen
Mr. and Mrs. E. A. Jyring
Mr. and Mrs. Wilbur Backstrom
Mr. and Mrs. Glynne Shifflet, Past President, Minnesota Society of Architects

Fellows of the AIA:
Mr. Roy C. Jones
Mr. and Mrs. Oscar T. Lang
Mr. and Mrs. Edwin H. Lundie
Mr. and Mrs. Dale R. McEnary
Mr. and Mrs. W. H. Tusler

Guests:
Mr. and Mrs. Ray Thibodeau, Secretary, Builders Exchange of St. Paul
Mr. and Mrs. R. J. Hendershott, Manager, Associated General Contractors of Minnesota
Mr. and Mrs. Harold E. Olson, President, Minnesota Society of Professional Engineers
Mr. and Mrs. Clair Loretz, Advisor, NORTHWEST ARCHITECT, Bruce Publishing Co.
Mr. and Mrs. Jack Bissell, President, Producers Council
Mr. and Mrs. Wm. J. Meyer, General Manager, Builders Exchange of Minneapolis
Mr. and Mrs. Wm. Schoell, President, Minnesota Association of Consulting Engineers

Our Montage on Opposite Page

Here and there—everywhere—during the celebration went our photographer, with results shown in part on the opposite page. We identify the numbered pictures left to right:

1—Richard Hammel, James Fenelon, John Burchard, Mrs. A. W. Lucas and R. V. McCann, . . .
2—Donald and Mrs. Haarstick with Louis and Mrs. Lundgren.
3—Mrs. and Dale McEnary, Mrs. and E. W. Kraft.
4—Mrs. and Richard Hammel with Mrs. and Brooks Gavin.
5—Al Meinecke, Mrs. Harold Olson and John Burchard.
6—Messrs. and Mmes. Dames Lang, Setter, Backstrom and Rood, Haley Johnson and Miss Joyce Quillo.

7—Mrs. C. J. Loretz, Mrs. and Harold E. Olson.
8—Grover and Mrs. Dimond with Mrs. and Art Lucas.
9—Wilbur and Mrs. Backstrom with Mrs. and John Bissel.
10—Clair and Mrs. Armstrong, Mrs. and Victor Gilberston.
11—Stowell and Mrs. Leach with John Lindstrom.
12—Rudy Zelzer with Mrs. and Saul Smiley.
13—Mrs. Fred Traynor, Mrs. and R. V. McCann and Fred Traynor.

14—Robert Howe, Mrs. Jacobson, William Berget, Mrs. and S. C. Little and Mrs. Berget.
15—Austin and Mrs. Lange, Mrs. and James Brunet.
16—James Fenelon, Mrs. Betty Johnson and Mrs. Fenelon.
17—Mrs. and George C. Darrell, unidentified lady, William and Mrs. Shannon.
18—Mrs. and Charles Magney, Mrs. and James Horan.
19—Al and Mrs. Meinecke, Mrs. and W. J. Meyer and Harold Hansen.

NORTHWEST ARCHITECT
Event was prelude to nationwide meeting scheduled for May in Washington.

Next major AIA event in this area is the Minnesota Society of Architects' Convention in Duluth June 27 and 28.
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SHIFFLET, BACKSTROM, HUTCHISON AND Dickey IS NEW FIRM

Glynne W. Shifflet and Kenneth A. W. Backstrom, senior partners of Shifflet, Backstrom and Associates, Architects, have announced reorganization of the firm and election of two new officers. The two new principals are Messrs. Hutchison and Dickey, who were associates the past year. The new firm title will be Shifflet, Backstrom, Hutchison and Dickey, Inc., Architects. The firm has a history of 25 years of architectural service in Minnesota, North Dakota, South Dakota and Wisconsin.

Marlin D. Hutchison is a graduate of the University of Minnesota with a bachelor of science degree in architecture. Mr. Hutchison became associated with Ellerbe and Company in 1921. In 1924 he was sent to Cleveland to manage the construction of the first unit of the now tremendously expanded hospital at the Cleveland Clinic Foundation. He moved permanently to Rochester in 1926 to work on the 1929 Mayo Clinic Building and the Chateau Theater there.

During World War II he was project engineer for the Air Force Base at Rapid City, S. D., and for the government ordnance depot at Provo, S. D., and also worked on the air base at Great Falls, Mont.

Mr. Dickey had been a very active member of the Minnesota Society of Architects since its inception and was active in many civic organizations in Rochester. Because of his long and intimate association with the Mayo Clinic, he had a national reputation on medical

BUENGER OF ELLERBE KILLED IN CAR CRASH

Edgar W. Buenger, 59, member of the firm of Ellerbe and Company of St. Paul, was killed instantly March 10 in an automobile collision near his home in Rochester.

Born in St. Paul, Mr. Buenger is survived by his wife, two daughters, Elizabeth of Rochester and Mrs. Delbert Leppke of Evanston, Illinois, a brother and sister.

A 1919 graduate of the University of Minnesota with a bachelor of science degree in architecture, Mr. Buenger became associated with Ellerbe and Company in 1921. In 1924 he was sent to Cleveland to manage the construction of the first unit of the now tremendously expanded hospital at the Cleveland Clinic Foundation. He moved permanently to Rochester in 1926 to work on the 1929 Mayo Clinic Building and the Chateau Theater there.

VFW CONVENTION JAMS ARCHITECTS' DULUTH TIME

The convention of the Veterans of Foreign Wars will be held in Duluth at the same time as the 1957 convention of the Minnesota Society of Architects and it is called to the attention of all architects planning to attend that this means a big jamup in that city. Therefore, it is smart to make plans now and get your reservations made in Duluth hotels, etc., so you can obtain the best accommodations. The managements of hotels there have promised full co-operation in seeing that early reservations get good and prompt handling.
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Northwest Architect
Matters that pertained to architecture.

He was responsible for the evolution of the Trinity Evangelical Lutheran Church in Rochester and was a member of the National Board for Higher Education of the Lutheran Church, Missouri Synod, for a number of years. Dr. Martin Neeb, also a member of the Board for Higher Education, stated at the funeral service that Mr. Buenger's long service to the organization was invaluable and left its imprint on many of the synod's institutions throughout the country.

Included among his many construction projects in Rochester are the new Mayo Clinic buildings, Medical Sciences Building, Olmsted County Hospital, addition to Methodist Hospital, Rochester Dairy Plants, Health Center, Franklin Heating Station, Kahler Hotel addition, Mayo Civic Auditorium, 100 First Avenue Office Building, First National Bank, Rochester Post Bulletin Building, the IBM building on the 101 site and the present and future Rochester airports.

MAX O. BUETOW, ST. PAUL ARCHITECT, DIES

Max O. Buetow, 65, well known St. Paul architect, died Saturday, February 23, in Bethesda Hospital after a lengthy illness. He was the founder and a partner with his son in the firm of Max and Gerald Buetow.

Best known for his church, school and hospital designs, his most recent works included the chapel, dormitory and athletic buildings at Concordia College, Trinity Lutheran Church in St. Paul and the new Breck School in Minneapolis. In commercial and industrial work he did extensive work for Land O'Lakes Creameries and Cities Service Oil Company.

He was a member and past secretary of the Minnesota Society of Architects and a member of the American Institute of Architects, a member and past president and director of the St. Paul Midway Civic Club, a member of the Gargoyle Club, a director of the Lutheran Home, St. Paul, and a life-long member of St. Stephanus Lutheran Church.

BUILDING PRODUCTS LITERATURE HONORED BY AIA-PC

A jury of AIA members, of which John R. Magney of Magney, Tusler & Setter, Minneapolis, was chairman, has selected the outstanding building product literature issued during the last year.

In Class 1, literature concerned primarily with basic technical information, a certificate of exceptional merit was awarded to Reynolds Metals Company for the well known two-volume "Aluminum in Modern Architecture." Merit and mention awards went to, among others, Portland Cement Association for "Reinforced Concrete Floor Systems" and Structural Clay Products Institute for "Technical Notes on Brick & Tile."

A Northwest firm, Flour City Ornamental Iron, won a merit award in Class 2, technical information on products of a single manufacturer, for "Flour City
Selected for its high insulating value Minnesota Perlite Precast Concrete insulating roof tile was used in 50,000 square feet in the manufacturing area in the Hoerner Boxes, Inc. building, Minneapolis, Minnesota. Although a high humidity condition exists in this section of the building... no additional insulation material was used.

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NORTHWEST ARCHITECT
Metal Windows." The Kawneer Company won a mention for "Kawneer Architectural Metal Products."

In Class 3, primarily promotional material, a merit award went to Portland Cement Association for its "Beautiful Walls with Concrete Masonry" and a mention went to Structural Clay Products Institute for its "Brick & Tile."

MINNESOTA SOCIETY NOW SUSTAINING MEMBER OF NCARB

A sustaining membership in the National Council of Architectural Registration Boards has been purchased for the Minnesota Society of Architects by the Minneapolis Chapter and important documents from the NCARB are now on file in the society's office and available for reference by members.

Typical of recent programs carried on by the national board is the "Log Book" system of checking experience of architectural graduates, on which W. L. Perkins of NCARB made this comment:

"This program was set up by a committee of members of the institute, the schools and the (board) for the purpose of establishing a method of properly checking the experience of candidates for registration."

Among records now on file with the society office are Circular of Advice No. 3-53, containing the outlines of the standard NCARB examinations and instructions; Circular of Advice No. 4, explaining the applications for national council records; procedure charts, etc.

The NCARB is a national group made up of and controlled by the registration authorities of the states. Services to the architect include the following:

MINNESOTA PERLITE SELLS TILE BUSINESS TO FEDERAL CEMENT TILE CO.

The Minnesota Perlite Corporation has sold its perlite concrete insulating roof tile business to the Federal Cement Tile Company of Chicago, according to C. W. Potts, founder and president of Minnesota Perlite.

The company was a pioneer in the manufacture of the lightweight roof tiles and will act as sales representatives for the Federal Cement Tile Co., covering a five-state area. Minnesota Perlite will continue to expand perlite for use in the construction industry.

The perlite industry, although only 10 years old, today supplies the greater share of lightweight aggregates for plaster and lightweight insulating concrete, Mr. Potts said. Fifty per cent of plastering in this country is done with perlite as the aggregate in place of sand and other materials.

The precast roof tiles were added to its manufacturing by Minnesota to help fill a gap when weather prevented regular installment of concrete. During the past three years more than 2,000,000 square feet have been made by the corporation.

"Perlite's excellent fireproofing qualities have been adopted and used by many architects for fireproofing some of the finest and largest buildings in the U.S. and Canada," the company said. "Architects also like perlite plaster for its reduction in deal load and its space saving when used in partition walls."

Federal Cement Tile celebrated its 50th year in business at this time by adding the perlite tiles to its lines of channel slabs, tongue-and-groove roof planks and acoustical roof tile.

AIA-AGC JOINT COMMITTEE

Shown here are most of the members of the AIA-AGC Joint Committee which has done so much toward bringing onto common ground the problems faced by architects and contractors. The committee has been meeting regularly twice a month and has resolved many problems to the mutual satisfaction of the two organizations, according to those concerned.

Shown in the picture are (seated, l-r) Bob Hendershot, Peter Dougall, Ken Backstrom and Jim Fenelon; (standing) Frank Meisch, Art Lucas, Milton Leadholm, Harry Lovering, C. E. Field, Earl Beddon, Don Setter and Don Magnuson. Members not present when the picture was taken are David Griswold, Milton V. Bergstedt, Virgil Siddens, J. M. Leck, J. R. Schweitzer, Ray Meiz and A. H. Baumeister.

Recommendations for changes of contracts in the AIA standard forms have been forwarded to the national committee by this local group. Other recent actions of the joint committee include the following:

The Committee adopted the following recommendation concerning retained percentage at its meeting on February 22:

"In making such partial (monthly payments) there shall be retained 10% on the estimated amounts until final completion and acceptance of all work covered by the contract; provided, however, that the architect, at any time after 50% of the work has been completed, if he finds that satisfactory progress is being made, may

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recommend that any of the remaining partial payments be paid in full.

"Payments for work, under subcontracts of the general contract, shall be subject to the above conditions applying to the general contract after the work under a subcontract has been 50% completed."

David J. Griswold, chairman of materials availability subcommittee, on March 8 reported for his group:

"... It seemed apparent that the problem of material availability was obviously of first concern to the architect. His decisions are made before the contractor is involved. It was also considered that the materials of most concern were those pertaining to basic structure (e.g., steel, cement, wood) as opposed to materials and fabricated elements such as brick, tile, windows, etc. ...

"With this analysis, the committee directed its efforts toward ... steel, cement and wood. ... The results of the investigation are briefly stated as follows, noted for information only and not inferring recommendations by the Committee.

"STEEL—The suppliers and fabricators note a general and severe shortage of structural steel in wide flange sections. This is particularly true in the heavier sections, which are practically impossible to procure. Delivery was noted as being from six to eight months after placement of an order for this material, with available tonnage sold out through the third quarter of 1957. The suppliers stated that light sections for use in trusses and joists were reasonably available and noted that fabricating capacity was able to meet demand without delay.

"The report on the survey of basic producers indicated that the steel industry expected to be able to meet demand by the third quarter of 1957 because of increased capacity and an allocation of a greater portion of ingot production to structural sections. However, the shortage will still exist until the backlog (a year's supply at current demand) has been satisfied.

"Reinforcing steel is available to meet demand.

"CEMENT—The suppliers considered there would be no cement shortage in 1957 and 1958. Recent tight supplies resulted from strikes or extremely heavy demands on individual heavy construction projects. Production capacity has been about equal to demand and local increases in plant facilities should be sufficient to satisfy any demand increase, including the extensive highway program.

"The report of the survey of producers verifies this situation.

"WOOD—The suppliers report no problem in supply of wood for structural or other use. Fabrication facilities (laminated sections) have been and are being increased, although fabricators report a shortage of engineers that could delay delivery. They suggest design for such structure be accomplished by the architect whenever possible.

"There is, and must be, a time lag in delivery of heavy-sawn timbers, as local yards do not have a complete selection in stock. However, heavy sections are readily available on order and construction schedules need not be delayed if orders are properly scheduled.

"The report of the survey of producers verifies this situation."

FOREIGN STUDENTS STUDY MATERIALS INDUSTRIES

Field trips arranged by John Hansen, head of the building construction department of Dunwoody Industrial Institute, Minneapolis, recently showed the school's foreign students how American building materials are manufactured. Typical tour group is shown in the picture here: left to right are M. O. Komar of Indonesia, Tun Hla Khine of Burma, M. Hidajat of Indonesia and Epifanio Mendoza of the Philippine Islands. In company with 17 other students from the carpentry section they recently visited the plant of Western Mineral Products Co., Minneapolis manufacturers of lightweight aggregates and precast insulating concrete roof tile.

L. J. Venard, president of the firm (center background) welcomed the group. L. G. Swedlund, at the right, is instructor of the shop section. In cooperation with the Ford Foundation, Dunwoody operates a technical school in Indonesia and another in Burma. After they graduate here in April, the students from these countries will join the Dunwoody staff in their homeland and teach American methods and materials.

Mr. Nelson

NELSON SUCCEDS ZELZER AS MINNESOTA STATE ARCHITECT

Alfred J. Nelson has been named to succeed Rudolph G. Zelzer as Minnesota State Architect, effective with the resignation of Mr. Zelzer on April 1.

Mr. Nelson, previously assistant state architect, received his bachelor of architecture degree from North Dakota State College. He is registered in Minnesota. He has been in Minnesota state service since 1950, with the exception of 15 months spent as an associate of Frank W. Jackson, architect and engineering firm in St. Cloud, Minn.
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A Lighting Fair sponsored by the industry in this area had a two-day run in Minneapolis, March 26 for architects and engineers and March 27 for contractors and distributors. Speeches on salient aspects of today’s lighting were coupled with exhibits of the latest materials and methods. The fair was sponsored by the Northern States Power Co., Illuminating Engineering Society; Twin Cities Section and North Central Electrical League. Co-operating were the Minnesota Society of Architects, Minnesota Society of Professional Engineers, Minnesota Association of Consulting Engineers and National Electrical Contractors Association's Minneapolis and St. Paul Chapters.

Each day there were afternoon and evening programs, tied together by a luncheon and a dinner for those attending. Among those who attended were those shown in our montage. Identifications are by group, not necessarily left to right.


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ROCHESTER, MINN.
More Lighting Fair

At the Lighting Fair we saw (row by row, left to right in each instance)—Clair Armstrong, Armstrong & Schilchering, James Fenelon, exec. sec’y., Minn. Society of Architects, Brooks Cavin, St. Paul AIA president, and John Newhouse, NSPCo. . . . Cecil H. Branham, fair program chairman, Brooks Chasaing, IES national director, and F. L. Tiller mans, Westinghouse Electric. . . . Louis J. Riegert, BMD & R, Inc., Con Aas, fair general chairman, Bill Frederick, IES, and W. H. Kahler, Westinghouse Electric. . . .


Some of the men responsible for the Lighting Fair are shown above, identified top-down, left to right—John Newhouse, commercial sales manager, NSPCo., Wm. Schoell, president of the Minnesota Association of Consulting Engineers, Victor Gilbertson, president of the Minnesota Society of Architects, and Conrad Aas, Lighting Fair general chairman. . . . Alvin Kessler, executive secretary of the North Central Elec. League, E. K. Thorgaard, vice-president and manager of Minneapolis Division, NSPCo., Sid Stolte, St. Paul AIA, and James Fenelon, Minnesota Society executive secretary. . . .

Cecil Branham, Lighting Fair program chairman, Duke Johnson commercial sales supervisor, Minneapolis Division of NSPCo., and Brooks Cavin, St. Paul Chapter AIA president. . . . J. P. Ferber, general sales manager, NSPCo., Joseph Scheller, vice-president, Midwest IES. Andrew Aronson, chairman of the Twin Cities Section, IES, and C. L. Crouch, technical director of IES, New York.
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MINNEAPOLIS BUILDERS EXCHANGE
ENTERTAINS AT ANNUAL DINNER

The 68th annual banquet of the Minneapolis Builders Exchange, held recently, drew hundreds of architects and others in the industry to a special evening of events. After a cocktail event, the dinner featured steaks and was followed by a series of specialty acts.


4—Gordon and John Madsen, Madsen Const., Roger Patch, Patch & Erickson, John Nelson, Mason City Brick & Tile, and H. S. Nelson, Wunder, Klein, Donehue Co. . . . 5—Wally Bruch, Nielsen & Bruch, John Healy, Gardner Hardware, and D. C. Gramling, Northwest Marble Co. . . . 6—E. M. Ganley, Ganley Const., and L. R. Twek, Paper Calmenson Co. . . . 7—Joe Olson, Warner Hardware, Roger Patch and Bob Hanson, right, Patch & Erickson, and Bob Donnelly, Ramsey Bldg. Materials. . . . 8—Sheely Palmer and Art Sahly, Stewart Lumber Co. . . . 9—George Beckman, The Hustad Co., Leroy Pearson, Hauenstein & Bur-
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Northwest Architect
Roy A. Bertelsen, president of the Minneapolis Exchange, is shown at the upper left. At upper right S. M. Olson, retiring Minneapolis Exchange president, receives a gift from Roy Bertelsen. Lower picture shows Roy E. Howard, Bill Meyer and Ray Thibodeau, executive secretaries of the Duluth, Minneapolis and St. Paul builders exchanges.
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OAS HANDLES SALES OF NEW WESTERN MINERAL DIVISION

Warren W. Oas has been named sales manager of the newly created concrete products division of Western Mineral Products Co., Minneapolis vermiculite processors, according to Vice-president Harvey W. Steiff. Mr. Oas was formerly district sales manager for the firm in Denver. He will work primarily with architects and applicators of concrete roof decks, floor fills and underground hot pipe insulation. He will headquarter in Minneapolis.

MIDWEST PLACING IS NEW DES MOINES FIRM

Midwest Placing Co., a new firm, has been established in Des Moines, Iowa, to install lightweight insulating concrete roof decks in Iowa and eastern Nebraska, according to R. J. Leonard, general manager.

The firm is equipped to install both precast slab and poured-in-place decks and aims at prompt service, Mr. Leonard said. It is licensed by Western Mineral Products Co. of Minneapolis to install precast vermiculite concrete decks.

Mr. Leonard has been associated with the lightweight aggregates and insulating concrete business for a number of years. He managed a plant for processing lightweight aggregates and was president of a firm that specialized in installing all types of insulating concrete roof decks. Later he formed his own company and applied decks throughout Iowa.

JOHNSTON ANNOUNCES NEW TILE

A new and improved Salt Glazed Gold-Tone Face Tile, which will be shipped in paper cartons or trays, is to be manufactured by the Johnston Clay Works, Inc., Fort Dodge, Iowa, according to J. R. Roudebush, general manager.

"The cartoning process will insure the delivery of the product to architectural jobs in perfect condition," he said. "Recent installation of electrical fibrating screens and improved grinding equipment has made it possible to manufacture a much finer facing tile with an extremely smooth glazed face."

ST. PAUL STRUCTURAL STEEL COMPLETES $50,000 EXPANSION

Completion of a $50,000 expansion project which doubles the firm's shipping area has been announced by Thomas H. Comfort, president of St. Paul Structural Steel Co.

The project, designed to keep pace with the company's over-all expansion program of the past seven years was completed in late February with installation of two huge bridge cranes fabricated in the firm's own shops.

Tabbed "Yard No. 3," the new addition doubles the size of the company's former storage-shipping area. Previously, the yard measured 75 x 120 feet; its new dimensions are 150 x 120 feet. Yard No. 3, which was erected immediately north of St. Paul Structural Steel Company's existing beam storage yard, "implements the speed of our outgoing shipments and provides additional storage space for more prompt and efficient delivery," Mr. Comfort said.

FASHION APPEAL EMPHASIZED IN DOOR HARDWARE

Latest in sliding door hardware by Arcadia Metal Products offers for the first time a functional pull available in a choice of finishes selected specifically to harmonize with a wide variety of architectural detailing. Pella Products Company, Minneapolis, handles the Arcadia lines in this area.

The hardware is made of "Zamak #5," a zinc alloy particularly adaptable for casting. Patented latch mechanism, with all parts cadmium-plated, provides maximum protection against tampering with positive up-action cam-type design. Spring-lock latch is jam-proof. Flush cylinder lock is an added feature made possible with design of new hardware. Pulls in similar finishes are available for sliding screens.

MARCH-APRIL, 1937
PC Members Display Products for Minneapolitans

In February members of the Minnesota-Dakota Producers Council put on a display of their products for Minneapolis members of the building industry. A similar exhibit is planned for St. Paul in May. From among the 200-plus persons who attended the Minneapolis showing our photographer snapped some pictures, shown here. Left to right in the numbered pictures are:

1—Harold Thomas, U. S. Ceramics Tile Co.
3—Duff Longtin, Celotex Corp’n., Jack Bissell, PC president, Hal Fridlund, AIA, Ray Bush, Westinghouse Electric, and Jim Coulter, Granco Steel Products.
4—Charles Wahlberg, Bergstedt & Hirsch, Al Fischer and Carl Seterstrom, both Inland Steel Products Co.
6—Cec and Tom Ammerman, right, Ammerman Co., with Ron Gridley, Thorshov & Cerny.
8—Ron Gridley, Thorshov & Cerny, Bernie Mulcahy, Bell & Gossett Co., Vern Nelson, Thorshov & Cerny, and Larry Meyerhoff.
9—Clowes Jones, DeVoe & Reynolds Co., Marlow and Mrs. Ihling, A. Moorman Co.
11—Sam Carpenter and Dent White, right, Cambridge Tile Co., with Harry Garrish, Magney, Tusler & Setter.
GE ANNOUNCES LAMP AND PANEL DEVELOPMENTS

The General Electric Company has introduced two new white mercury lamps and a panel for heavy duty service entrance installations.

The lamps give as much as 63 per cent more light just by changing from old type lamps, lower cost of light, as much as 33 per cent, have a better, white color than any clear mercury lamps, the company said.

The improved performance of the white mercury lamp is the result of a new specially designed strontium magnesium orthophosphate phosphor which converts ultra-violet radiation into more white light than ever possible before.

The new lamps are H400-RW1—a reflector lamp which not only directs two-thirds of the light to the work surface but also seals the reflector against dirt and fumes—and the H400-EW1—in the familiar and popular bulged tubular shape.

The new fuse puller panel with 150-ampere main lugs is for installations of more than 100 amperes. This new G-E device is available with either 12 or 16 plug-fuse branch circuits. It has a total of four fuse pullers.

A 60-amp range puller is connected in parallel with a 100-amp puller that controls all the plug-fuse branches. Also in series with the 100-ampere puller are two 30-amp power circuit pullers. These may be used to protect the circuits for additional 240-volt appliances such as dryer, water heater or air conditioner. The new panel is rated for 120/240-volt a-c, single-phase, 3-wire service and is equipped with a groundable neutral. It is available in either flush mounted or surface mounted enclosures and is listed by Underwriters’ Laboratories.

FIAT METAL APPOINTS BJERKEN AS REP

Fiat Metal Manufacturing Company has appointed A. C. Bjerken & Associates of St. Paul as sales representatives for Fiat shower cabinets, shower floors, shower doors and bath tub enclosures. Bjerken will cover Minnesota, South Dakota, North Dakota and northwestern Wisconsin.


MARCH-APRIL, 1957
LO-BOY CENTRIFUGAL ROOF EXHAUSTERS

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FORWARD OR BACKWARD CURVE WHEEL WITHIN ... OR OUT OF SCROLL HOUSING

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GARDNER HOLDS OPEN HOUSE FOR ARCHITECTS, BUILDERS

An open house and display event was held on April 1 by the Gardner Hardware of Minneapolis to show architects and others in the building industry some of the more recent developments in materials and equipment handled by the company, according to Lawrence K. Healy, president.

Several hundred persons visited the open house to inspect finish hardware, building specialties and related materials shown and to discuss with officers and staff members of the hardware company the newest and best ways of doing things in building. Our pictures here show some of those who were present,

NORTHWEST ARCHITECT
identifications being left to right in
the numbered pictures.

1—D'Arcy Leek, Jr., of D'Arcy
Leek Construction Co., John Healy,
Gardner vice-president, Cliff Fors-
lund, Amerock, Inc., and Stan Iver-
son, Magney, Tusler & Setter. . . .

2—Robert Nelson, Ellerbe & Co.,
Sid Stolte, Bettenburg, Townsend,
Stolte and Comh, and A. D. Keye,
M. J. McGough Co. . . .

3—Mrs. and W. W. Purdy, AIA.
. . . 4—Frank Tusler, Tusler & As-
soc., Mrs. John Healy, Gardner
Hardware, Carl Lein and Fran
Hare, both of Sheehy Const. Co.,
L. J. Maday, Univ. of Minnesota,
and Henri Rahn, Sheehy Const. . . .

5—Ray Claussin, Northwestern Na-
tional Bank, S. L. Stolte, AIA, G. O.
Fossen, Abbett & Griswold, and
John Healy. . . .

6—Larry Healy, Gardner Hard-
ware, Sig Pearson, Pearson Bros.
Const., C. W. Farnham, architect,
and Marlowe Knutson, FHA . . .

7—John Gardner, Gardner Hard-
ware, Ed Brizz, Moen Faucet Co.,
and Mrs. Thomas Shirley, P. D.
Shirley Assoc. . . . 8—Harold Mc-
Ewen, Gardner Hardware, Milo E.
Dubois, Wagner Mfg. Co., Donald
Stark, contractor, Mrs. Stark and N.
M. Nelson, Gardner Hardware . . .

9—H. J. Wepplo, Gardner Hard-
ware, Norma Dutton, Gardner
Hardware, F. H. Mosse, architect,
and Paul K. Larson, Gardner Hard-
ware. . . . 10—John Parson and
Charles Magney, both of Magney,
Tusler & Setter, and Robert Cerny,
Thorshov & Cerny . . . .

11—R. Van How, Myrtle Melin
and Dave McEnany, all of McEnany
& Kraft. . . . 12—Frank Austin,
Crown Iron Works, Gordy Matson,
Magney, Tusler & Setter, John
Healy and C. A. Dirksen, PBS
Paints. . . 13—Harry Whiteley,
Russell & Irwin Co., G. O. Fossen
and R. B. Vosejpkas, both of Abbett
& Griswold, and John Gardner. . . .

PARKINSON IN NEW POST
AT M M & M

Herbert S. Parkinson has been
named to the newly created position
of chief project manager of Minne-
sota Mining & Manufacturing Co.'s
central engineering department, ac-
cording to Cyril P. Pesek, vice-presi-
dent for engineering and staff man-
ufacturing. Mr. Parkinson will co-
ordinate the activities of all central

Buildings for a growing America

...faster!

Buildings like the one above are appear-
ing everywhere—helping to meet urgent
needs of growing population. Built with
quickly erected standard sections, major
wall area consists of Davidson "Double-
Wall" Porcelain Panels (single units that
become inner and outer wall) combined
with standard sash and window, in one
easy assembly.

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every structural design. For quick
occupancy—for economy—for enduring
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for any building, this
school design repre-
se"nts 13,000 square
feet of "ready-made"
walls — combining
exact-size Davidson
Porcelain Panels with
standard sash.

JOEL F. JACKSON
801 N. W. Federal Building
MINNEAPOLIS 3, MINN.
THIS ALL CLAY MASONRY SCHOOL COST ONLY $7.61 PER SQUARE FOOT

This school at Ogden, Iowa, (a portion of which is shown above) was built at a structural cost of only $7.61 per square foot. Total cost including mechanical and electrical work was $10.80. School is built of face brick and acoustilite and is firesafe. Architects were Smith-Vorhees-Jensen-Siletto & Associates, Des Moines.

Write for information about clay masonry schools.

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Northwest Architect
well with today's light-finished wood trims, the manufacturer states.

"Map and display rails," says the manufacturer, "have in the past few years replaced the use of twelve-inch cork strips above blackboards. Besides allowing more blackboard height, use of these rails brings more versatility to the learning wall area."

---

FRANZEN JOINS CROWN IRON STAFF

L. E. "Red" Franzen has joined the estimating and sales staff of Crown Iron Works Company's architectural metal division. Formerly with the A. T. Rydell Co. for the past eight years, he will be engaged mainly in miscellaneous metal estimating and customer contact.

Crown also reported addition of Jack Schuller to its H. H. Robertson Sales Division. He will work with Earl Kellar to increase its service to the builders of the Northwest in Robertson wall panels, roof deck and related products.

---

AMMERMAN ELECTED TO AIR CONDITIONING GROUP

The C. L. Ammerman Company, Minneapolis, has been elected to membership in the growing Air Moving and Conditioning Association, according to word from W. H. Rietz, AMCA president.

The Ammerman company is a well known Northwest manufacturer of power roof ventilator equipment. Purpose of the 59 member trade association is to serve industry and the public by improving standards and practices within the industry. Member companies manufacture air moving and conditioning devices such as industrial and residential fans, central station air conditioning units, unit heaters, and power roof ventilators.

---

ARCHITECTS INVITED TO DESIGN ROOMS—RUSH!

Rooms from representative houses designed by Minnesota architects will be shown in the first area museum display of this kind in the Walker Art Center next September and architects are asked to rush their notices of intention to submit plans to the Minnesota Society of Architects' Office immediately, according to Jim Fenelon, executive secretary.

The rooms, one from each of 12 designs, will range from those in homes of $12,000 value up to $100,000. They will be completely furnished. The home or room to be submitted can be one already built, under construction or purely on the drafting board.

This "Living in the Upper Midwest" exhibit will accent the living potential of each plan, with its facilities for family activity and cultural pursuits.

---

An exciting architectural idea for interior design

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Architects, Minneapolis

JOHNSON DRAKE & PIPER, INC.
Contractors, Minneapolis

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Interior drapes architects can specify. Perfectly designed to blend with your plan—to complement functional, modern architecture. Sharpe Vertical Drapes of fabrics allow limitless control of light and air . . . the only practical drape for modern "window wall" buildings. Ideal for office buildings, hospitals, motels, or schools. A growing complement to practical, modern architecture—created for approval of discriminating clients on recommendation of leading architects.

Write for specifications, details, and list of most recent installations—Sent on request to architects.

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S H A R P E  VERTICAL DRAPES
OF FABRIC

MARCH-APRIL, 1957
NEW COLD GLAZED BLOCK SET FOR NATIONWIDE PRODUCTION

Production of new Vitricon-faced concrete block and panels is now being set up throughout the U. S. and a limited number of block manufacturers are currently being licensed to use the newly-developed process, according to Harold Lane, vice-president of Vitricon, Inc., Long Island City, N. Y.

Following the successful introduction of Vitricon site-applied wall surfacing by less than six months, Vitricon-faced concrete block is being produced to retail at 30 to 35 cents above the cost of the ordinary unfinished block.

"The new block finish produces a depth of color and three-dimensional effect not attainable with ceramic glaze," Mr. Lane said. "Its outstanding attributes are permanence, attractiveness, water- and stain-proofness and washability. Because Vitricon becomes an integral part of the surface it covers, the finish will stand up as long as the concrete block itself. An occasional washing keeps it clean."

POMONA NAMES CONK SUPERINTENDENT

Pomona Tile Manufacturing Company has appointed V. Joseph Conk as plant superintendent of the company's main plant, according to K. C. Sopp, vice-president. Mr. Conk, who has been with the company since 1946, formerly was production manager. In his new capacity he will be in charge of all production and quality control of ceramic tile.

BLUMCRAFT CATALOG FILLED WITH IDEAS

Room dividers and aluminum stair railings can now be constructed from matching elements, according to the new Blumcraft 48-page catalog. The room dividers are built from standard Blumcraft sections by the same local metal fabricator who builds the railings.

"The adjustable features of the
posts and fittings permit the architect unlimited freedom in creating the room divider designs and for combining with other materials such as cork, glass, plywood, plastic or wire grille panels," it was pointed out. Copies of the Blumcraft catalog M-57 are available from Blumcraft of Pittsburgh, 460 Melwood Street, Pittsburgh 13, Pa.

NEW DOUGLAS FIR GUIDE RELEASED, PANEL ANNOUNCED

The Douglas Fir Plywood Association has announced a new, 34-page, four-sectioned construction guide containing full-page structural drawings that provide authoritative basic information on types, grades and applications of fir plywood for builders, architects, engineers and building code officials.

The booklet covers information on floor, single and double wall and roof construction, while including recommendations and plywood excerpts from "minimum property requirements" of the FHA.

Booklet is designed for maximum simplicity of use and quick reference all contained in convenient notebook form, ideal for draftsmen.

Copies are available without charge from Douglas Fir Plywood Association, Tacoma 2, Washington. Quantity orders are $12.50 per hundred.

A new improved plywood sheathing panel with 100 per cent waterproof glue for use under difficult exposure conditions or in areas prohibiting interior-type plywood sheathing has also been announced by Douglas Fir Plywood Association.

The new panel is trademarked "PlyScord With Exterior Type Glue.”

Performance requirements call for hot pressed synthetic phenolic resin glue-lines but they permit “D” veneer for inner plies and backs. This differs from the requirements of standard grades of Exterior type for permanent outdoor exposure. These

DOX PRECAST SLABS
SPEED CONSTRUCTION

Buggied into position is a Dox 8’ floor providing an immediate working deck. No additional shoring required.

Dox precast slabs are lightweight concrete and are used to greater advantage in the construction of floors and roofs for commercial, residential, industrial and agricultural building.

DOX-BLOCK SYSTEM
ST. PAUL PARK, MINN.

VANDER HAYDEN INC.
Milwaukee, Wisc.
require a high quality “C” veneer or better throughout the panel.

The association declares the new sheathing panel is recommended primarily as an improved PlyScord to be used with discretion in any application where it might be permanently exposed to severe conditions of weather and moisture. It can, however, be used as a calculated risk in the less critical class of exterior exposures.

Go! MSA Convention!

LYNCH PANELS DESIGN EXPANDED

Lynch Asbestos Company reports its Lascolite fiber glass panels are now available in seven shapes and two standard thicknesses (.050-.060). The additional shapes permit practically unlimited adaptation of fiber glass panels in the residential and industrial field.

Included in the new shapes are flat panels and shiplap. The former is especially useful in the replacement of industrial glass windows. It resists acid fumes, solvents and alkalies and the impact strength of the .060 panel is 18.5 lbs. per inch notch.

Free folders showing uses of Lascolite is available from Lynch Asbestos Company, Department L36, 2939 South Sunol Drive, Los Angeles 23.

OVERLY WINS AIA-PC PRIZE

Overly Manufacturing Company of Greensburg, Pa., and Los Angeles, won first prize in the 1957 Building Products Literature Competition sponsored by the American Institute of Architects and the Producers Council of Columbus, Ohio.

The Overly award was in the category of “Space Advertising Directed to the Architect.” It marked the fifth consecutive year that Overly

ROMANY TILE
SPACE ADVANTAGES

Now with direct adhesive ROMANY tile setting, tile of any color offers real space savings applicable to high cubic foot costs. Consider the difference of a total of one-half inch thickness from rough block to finished tile as opposed to approximately 1 1/4". When a long corridor is figured, this saving in cubic area amounts to an interesting item. It makes useful much space previously allotted to vertical wall areas, or it materially reduces overall cubage with less room and floor. It also offers lower cost dry wall construction where desired.

Every Architect should have our Sample Tile Chart No. 15. It’s free.

Rollin B. Child
Northwest Sales Representative
13006 Excelsior Blvd. • Phone WE. 8-8379 • Hopkins, Minnesota

WEATHERSTRIP CAULKING INSECT SCREENS CANOPIES PSYCO-SECURITY SCREENS

CHAMCO CHAMBRELL COMPANY OF AMERICA
4424 EXCELSIOR BLVD.
Minneapolis WA. 6-1841

NORTHWEST ARCHITECT
has won this award. W. S. Walker Advertising, Inc., of Pittsburgh is the agency for Overly.

“COLOR ACCENT” SASH INTRODUCED BY KAWNEER

A crisp accent line of color provides a dramatic framing for store fronts and show windows in a new aluminum window sash announced by the Kawneer Company, Niles, Michigan.

Known as “Color Accent,” the new sash features a one-inch color strip that is easily inserted into a specially-designed groove running along the sash facing. The ribbon of color accents the eye-appeal of the satin-finish aluminum sash. Interchangeable strips are available in three modern decorator colors: jonquil yellow, olive green and tile red.

The strips are made of textured vinyl plastic laminated to an aluminum backing. They are weather-proof and impervious to ammonia and other harsh window cleaning agents.

The shadow-line design of the strip groove is, in itself, an innovation that lends unusual attractiveness to the sash. Consequently, the sash may also be used without a color insert.

More information on this product can be had from Robert M. Baker, Kawneer Company.

Now is the Time to Plan to Attend the Convention of the Society in Duluth, June 27 and 28.

INTERIOR DECORATION HOME STUDY

POMONA TILE INTRODUCES BLUE SERIES

One of the keys to successful selling of the use of a product is color. In recent years manufacturers have come more and more to realize the importance of this factor and so they are hiring experts not only to develop colors that are eye-pleasing but also to anticipate public tastes in color a year, and five years, from now.

An example of such a manufacturer is Pomona Tile Manufacturing Company, which currently is involved in the greatest color hunt in its history.

Recently President Drew Schroeder decided the company should map out a long-range program to develop new colors that would not only meet public approval today but would rise in popularity in coming years. This has resulted in Pomona’s “Birth Of The Blues,” the first two of an entire series of striking new colors which are being added to Pomona’s production lines.

In charge of Pomona’s color development is Margaret Lowe, nationally-known color consultant who spent a year doing research on the Pomona project, designing and selecting new colors and transforming her painted colors-on-paper to ceramic tile glazes with the co-operation of Pomona personnel.

Pomona’s two colors being introduced this month are “Blue Nocturne,” a dark, rich hue being manufactured on satin wall tile, and “Patrician Blue,” a light shade produced in two tiles, Pomona’s trade-marked Perma-Glaze floor tile and the satin wall tile.

School Architects:
...for up-to-date schools specify the NEW up-to-date...

"MAP-TAK"
MAP and DISPLAY RAIL

SPECIFICATIONS: Over all chalkboards and tackboards in classrooms, install Map-Tak map and display rail, in dull-gold (or dull-aluminum) finish, as manufactured by W. E. Neal Slate Company, Minneapolis, Minn. Erect securely, according to manufacturer’s directions. Cork insert shall match balance of tackboard in classrooms. Provide one hook per three feet of rail.

Designed and manufactured by:

W. E. Neal Slate Company

1121 Dartmouth Avenue S.E.
Minneapolis 14, Minnesota
Federal 4-7783

A Complete Line of Blanket Insulations and Insulation Board Products

WOOD CONVERSION COMPANY

St. Paul, Minnesota

It's new!

NU-WOOD TILE
Random Pattern

Specify BALSAM-WOOL® SEALED INSULATION With Reflective Liners

for year-round comfort let us give you the facts!

A Complete Line of Blanket Insulations and Insulation Board Products

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St. Paul, Minnesota

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NORTHWEST ARCHITECT
New idea in school ceiling-roof construction

5-INCH SYSTEM. A suspended ceiling system usually requires 16" to 20" in depth. Only 5" deep, the Structur-Acoustic system saves 11" to 15" in wall height, saves thousands of dollars in materials and labor.

GOOD ACOUSTICS. Tests conducted by Riverbank Acoustical Laboratories indicate that Structur-Acoustic system with 2½" slab provides Noise Reduction Coefficient of .80. Clean, corrugated underside of Structur-Acoustic reflects light, can be painted to matching color scheme. Hard surface won't dent, stays attractive. Heat loss is kept to minimum with U factor in excess of 0.14. Firesafe system protects both building and contents, helps reduce owner insurance costs.

A new combination of building materials, the Structur-Acoustic roof system eliminates suspended ceilings, offers one-third more roof for your dollar than conventional school roofs with similar features. Heart of the system is Structur-Acoustic—a galvanized, corrugated, perforated steel sheet that weighs only 2 psf. Strong but lightweight, these high-tensile, tough-temper steel units are easy to handle and place, form a firm structural deck for the ceiling-roof assembly. Entire system can be assembled by local labor—no bulky prefabricated assemblies to ship long distances at high freight rates. For schools, one-story offices, factories, stores—wherever sound control is desirable. For more information, contact Granco home or district office, ATTN: Dept. F-74.

NEW STRUCTUR-ACOUSTIC DECK MAKES 5-INCH ROOF SYSTEM POSSIBLE
EASY TO ASSEMBLE, USES LOCAL LABOR

KEELOR STEEL, INC., Distributors
909 Ninth St. S. E., Minneapolis, Minn.

GRANCO® STEEL PRODUCTS COMPANY
A subsidiary of GRANITE CITY STEEL COMPANY

Granco Products for any type of framing you specify
CALIFORNIA REDWOOD

FOR FENCES AND OUTDOOR LIVING

Include a Redwood fence and patio in your new home plans incorporating them in the original financing. They will add much to the appearance, softening that bare "new house" look and provide immediate privacy. It is more economical for your client to do this outside work while the house is being built and the carpenter crews are on the job.

Redwood fences and patios can be designed in limitless patterns, blending retaining walls, garden shelters and carports. Redwood retaining walls, planters and garden boxes require no costly concrete footings.

REDWOOD
1. Does not rot, economical, easy to work.
2. Beautiful color, good lengths, versatile.
3. Need not be painted, dimensionally stable.

Outdoor Living

is becoming a real factor in the living habits of this area. This year over three million board feet of Redwood will be consumed for fences, patios, gardens, etc.

Write for free copies of the new Garden Idea Book, Fence Book, Retaining Wall Specifications, or other information.

For home construction always specify clear heart vertical grain. For garden work specify construction heart grade.

Redwood is available in over 100 sizes, patterns and grades. Retail lumber yards in this area carry an inventory of over 8 million feet of Redwood. To supplement these stocks, we have over one million feet of Redwood in our Minneapolis wholesale distribution yard.

CANTON REDWOOD SALES CO.

Wholesale Distributors of Palco Redwood Since 1930
221 West 78th St. Minneapolis, Minnesota
BUILD WITH REDWOOD — THE WOOD ETERNAL