

Northwest Architect November/December 1970

1970 NSP LIGHTING DESIGN AWARD WINNERS



Awards were made based upon the students' lighting solutions for the Lindbergh Interpretive Center, a studio problem. Judging considerations included the students approach to creativity, aesthetic and decorative qualities and functional design practice.

Congratulations to all five 1970 winners.

All are students in the School of Architecture, NORTHERN STATES

University of Minnesota. POWER COMPANY

Northwest Architect

Cover Photograph by Phillip James

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Area Notes

Architectural News from Five States

Minus Iowa

PEOPLE . . .

The corporate minute: Setter, Leach & Lindstrom, Minneapolis, has elected Stowell Leach chairman, John Lindstrom president, A. J. Wilwerding, vice-president and treasurer, William B. Berget, vice-president and secretary, Richard J. Vasatka and Harry G. Sierk, vice presidents. Thorsen & Thorshov Associates, Inc., Minneapolis, vice-presidents include Joseph R. Blair, Jack E. Lindeman, Keith A. von Busch and Roy N. Thorshov, who is also treasurer. Cerny Associates, St. Paul-Minneapolis, has named Max E. Fowler a vice-president. Robert R. Nelson has been named executive vice-president of Wold Associates, St. Paul.

Elevations and additions: Vernon L. Worrell has been named an associate of Durrant, Deininger, Dommer, Kramer, Gordon, etc., of Watertown, Wis., and Dubuque, Iowa. Gary D. Davis is an associate of Paul, Hallbeck Associates of Eau Claire. Ellerbe Architects, St. Paul, has named Dennis F. Walsh chief designer



Mr. Walsh

for its Minneapolis office and has added educator **Dr. Ellis G. Hanson** as programming consultant. **William Funk** has joined the staff of Larson, Playter, Smith Architects and Associates, Eau Claire.

Topnotch specification writer is Jack E. Lindeman, vice-president of Thorsen & Thorshov Associates, 1970 CSI awards to him included first place in the commercial buildings category (Plaza Shopping Center in Escanaba, Mich.), second place in schools and educational buildings and facilities (Franklin Junior High School, Minneapolis), honorable mention in public buildings (Minnetonka Municipal Building), honorable mention in apartment buildings, housing projects, convents, etc. (Ebenezer Tower, Minneapolis).

Albert Michejda, project director at Haarstick, Lundgren and Associates, is spending four months in his native Poland as a guide for the USIA's exhibit "Architecture—USA." He came from Poland in 1951 and joined the St. Paul firm two years ago.

New firms: Art Kaple, former vice-president of Ruble & Kaple, Inc., has opened his own office in Duluth under the name Art Kaple, Architects. The Milwaukee firms Losch-Haeuser, Inc., and William L. Guerin and Associates have merged to form Losch-Guerin-Mooney, Inc., President is William G. Losch, who is in Ethiopia establishing a branch office for supervising the construction of a series of resorts being built there by a Milwaukee investment group. William Guerin is executive vice-president and Terence R. Moony is vice president. In La Crosse Michael Myers, formerly with Carl W. Schubert & Associates, has opened his own office. And with the accession of Dennis F. D'Jock as partner, the Spring Valley firm of Gavic, Ozolins and Gavic has divided into two associated firms: Ozolins D'Jock Partnership, Architects, and Gavic & Gavic, Engineers.

Superior, Wis., architect David Dobberman has joined the Cannon Partnership of Niagara Falls, Buffalo and Toronto.

John C. Anderson, vice-president and secretary of Thorsen and

Thorshov Associates, Minneapolis, and long active in the Construction Specifications Institute, of which he was president in 1967-68, has been named secretary and member of the board of directors of The Construction Sciences Research Foundation, Inc., of Washington, D. C. He has also been appointed to the national panel of the American Arbitration Association.

Sixteen Madison, Wis., architects have criticized Mayor William D. Dyke's appointment of an engineer to fill a Landmarks Commission post for which the law required an architect. The commission is to deal with historic preservation.

Richard Blake, Milwaukee architect, has been named to the southeast regional committee of the Wisconsin Mission 70 program. The program was initiated by Gov. Knowles to study the present imbalance of people and opportunities in the state and to plan for a projected population increase of 1.4 million in the next 30 years.

Landscape archtect **Kent G. Worley** has protested the proposed route of the I-35 freeway through Duluth and urges that it be rerouted above the city in a partial beltline.

Hospital administrator Larry W. Pugh has joined Ellerbe's systems and development division as consultant for programming medical facility needs. And Ellerbe Architects has formed a wholly-owned subsidiary called Land Research, Inc., to provide initial data and analysis to land investors. Heading the Minneapolis office will be Robert E. Jensen, vice-president and manager.

. . . AND PROJECTS

MINNESOTA

Hammel, Green and Abrahamson's new I. A. O'Shaughnessy Auditorium at St. Catherine's College in St. Paul has opened to a packed schedule of recitals, concerts and theater. In an admiring preview of the building in the September 27 Minneapolis Sunday Tribune, critic Allan Holbert judged that it "could be one of the state's finest concert halls," but failed to name the architects. There was a similar omission in his review of the new concert hall in Ames, lowa, a year ago. Would he review a symphony without naming the composer, or a book without mentioning the author?

The proposed new twin-tower civic center, designed by John Carl Warneke for the Hennepin County board of commissioners, is trembling in the balance. The earlier estimate of \$55 million has been upped to \$81 million. And retired Minneapolis architect Albert Larson, in a Letter to the Editor, attacked both the extravagance of the proposal and the failure of the board to employ local architects. Commissioner E. F. Robb, Jr., said that the original budget was \$18.5 million and that the county has only \$39 million available. The city of Minneapolis has shown no eagerness to participate in the project.

Meanwhile, the Fairmont Sentinel has gently chided architects because two local projects, the hospital and the swimming pool, have exceeded their estimates by 18% and 37% respectively.

A non-profit corporation has been formed by the Minneapolis Chapter of the AIA to help supply low- and moderate-income housing within the urban-renewal areas of the city.

The winner of the recent competition for the design of a 1000-car parking ramp at the state capitol is **George McGuire** of Minneapolis. There were 30 entries. Besides his \$20,000 first prize, there were three other prizes of \$4000, \$2000 and \$1000, won by Rapson and Associates, Myers and Bennett, Inc., and Gingold-Pink Architecture, respectively.

Myers and Bennett, Minneapolis, are architects for the Lindbergh Interpretive Center being built in Little Falls next to the Charles A. Lindbergh Boyhood Home. It will house a multi-media presentation of three generations of the family in Minnesota.

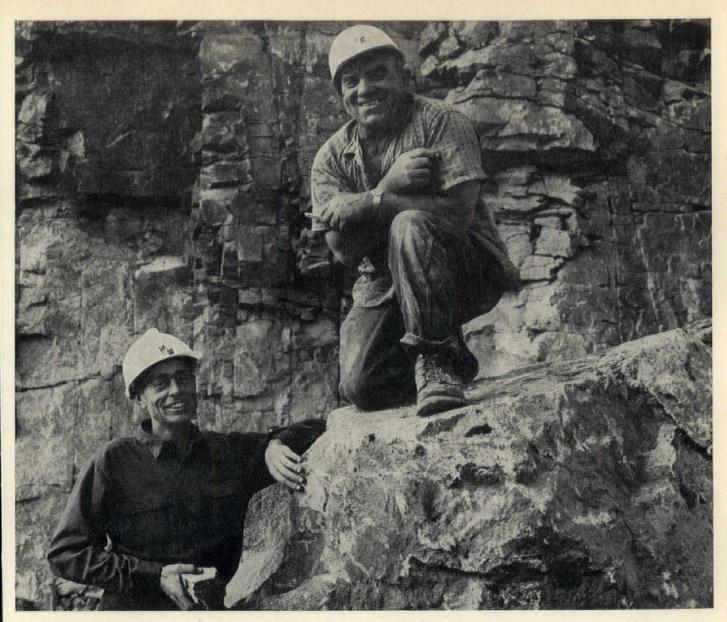
Pine Island's new hexagonal Church of St. Michael is by W. W. Smith of Winona.

Cloquet's \$1.26 million apartment for the elderly is under construction. Aguar, Jyring, Whiteman & Moser, Inc. of Duluth are the architects. The same firm has designed the pharmaceutical production laboratory being built in Baudette by Rowell Laboratories. Inc.

Freerks, Sperl & Flynn's high-rise concrete apartment for the elderly, near Como Park in St. Paul, has been given an honor award by the U. S. Department of Housing and Urban Develop-

A new warehouse and headquarters building for the Peoples Co-operative Power Association in Rochester has been designed by **Gjelten, Schellberg and Associates.** Bids for the office 13,000 square feet and the warehouse 41,000 square feet totalled \$818,298.

(Continued on page 409)



Blarney stone in your granite? Talk to Arnold Henz or Roman Kuklok.

Chances are, it wasn't Arnold Henz or Roman Kuklok who slipped it in ... but they both probably know the Irishman who did!

They're both old pros, and not much goes on around Shiely's granite quarry in St. Cloud that they don't know about. Shiely granite has been Arnold's business for the last 24 years. He was at the quarry the day it opened in 1945. Roman took his first look at the quarry 18 years ago and has been a granite man ever since.

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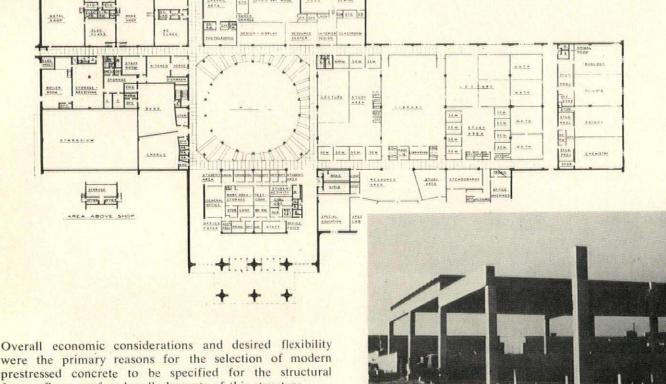
And if a Blarney stone or two shows up in your next load, don't blame Arnold or Roman . . . it was probably the same guy who threw the overalls in Mrs. Murphy's chowder.



SENIOR HIGH SCHOOL

BUFFALO, MINNESOTA

Birkeland.Meyer.Rohlin Associates — Buffalo, Minnesota ARCHITECT: Clark Engineering Company - Minneapolis, Minnesota ENGINEER: Henry O. Mikkelson Company - Minneapolis, Minnesota CONTRACTOR:



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"With A Planning Eye ..."

By Donald W. Hassenstab Executive Director, Minnesota Society of Architects

Every ending carries with it a beginning. Upon completion of something in which we are deeply involved we turn to the start of some thing new. These simple facts of life of man and of universes are brought sharply to mind for many of us at this time of year when the last month signals a closeout of opportunity. On the other hand, almost simultaneously with this comes the glow of the opportunities of the new year. So, as we look at the frustrations of the incompletions of 1970—and they were admittedly many—we should realize that the calendar of 1971 is filled with days in which we can build better on the experiences we carry forward from the year past.

In the work of the Minnesota Society of Architects those of us who are actively concerned with the directions in which it must move forward for the betterment of the profession now take a quick look back—but a longer and more active look forward.

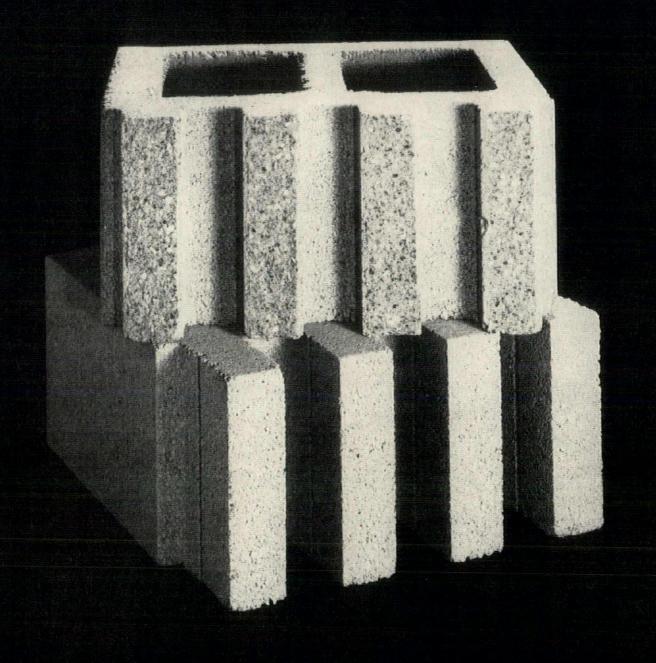
The transition from the old methods of administering the affairs of the society to our new commission form has been made and we feel strongly it was successfully made. The reports presented during the recent state convention indicated the progress made by the active and co-operative efforts of scores of our members who served on the various committees and task forces. Their efforts were guided and coordinated by the five commissioners who exercised overview of the principal areas of the professional society, of education and research, of the professional practice, of environment and of public affairs. For those who have not already done so a scanning at least and preferably a reading of the reports of these committees and task forces will give a picture of what is being done. I personally hope that this will lead to more of our members becoming inspired to lend their abilities to solution of our problems and growth of the society's

stature and service within our communities, state and as a part of the American Institute of Architects!

Long range planning is a vital part of our new commission system and there is a very active committee concerned with this. Our hopes for the future have been spelled out at least to a considerable extent. Success of these long range plans, of course, is made up of the many successes of immediate, planned operations designed and carried to fruition within the scope of the larger plan, the future goals. Each of these smaller successful steps requires the aid of many persons of many trained skills and varied backgrounds, varied experiences. These are our concerned and active members who are willing to take of their time and give of their abilities-they are always much needed and will always be most welcome!

With what has already been accomplished in developing an MSA which serves its profession and the people and institutions of its communities some of us may find fault and all of us recognize that the successes, permanently effective or of transient quality, need to be developed constantly. That is what is so important as we reach this time of the fading year. Those who find fault should speak up at the right time and to the right persons so real faults can be corrected in the coming months. Those who can build on the successes of the immediate past should be willing to do soand they should try to encourage others to join them in their active work for out of the meeting of many minds we are bound to evolve the proper answers.

In this connection this quote, from a source which escapes recollection at the moment, seems fit—"with a discerning eye on the past and a planning eye on the future, let us build today . . ." Come join us!



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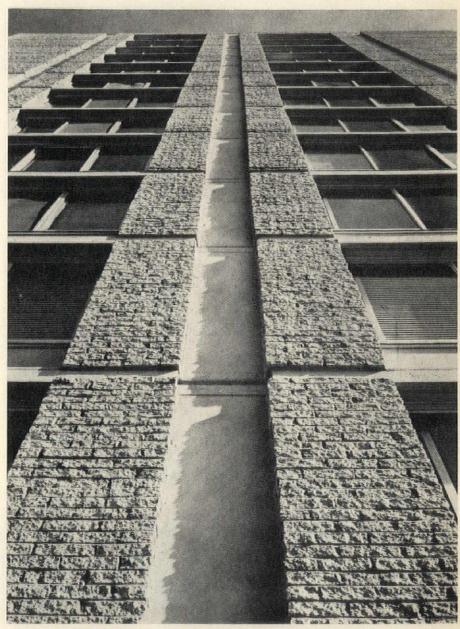
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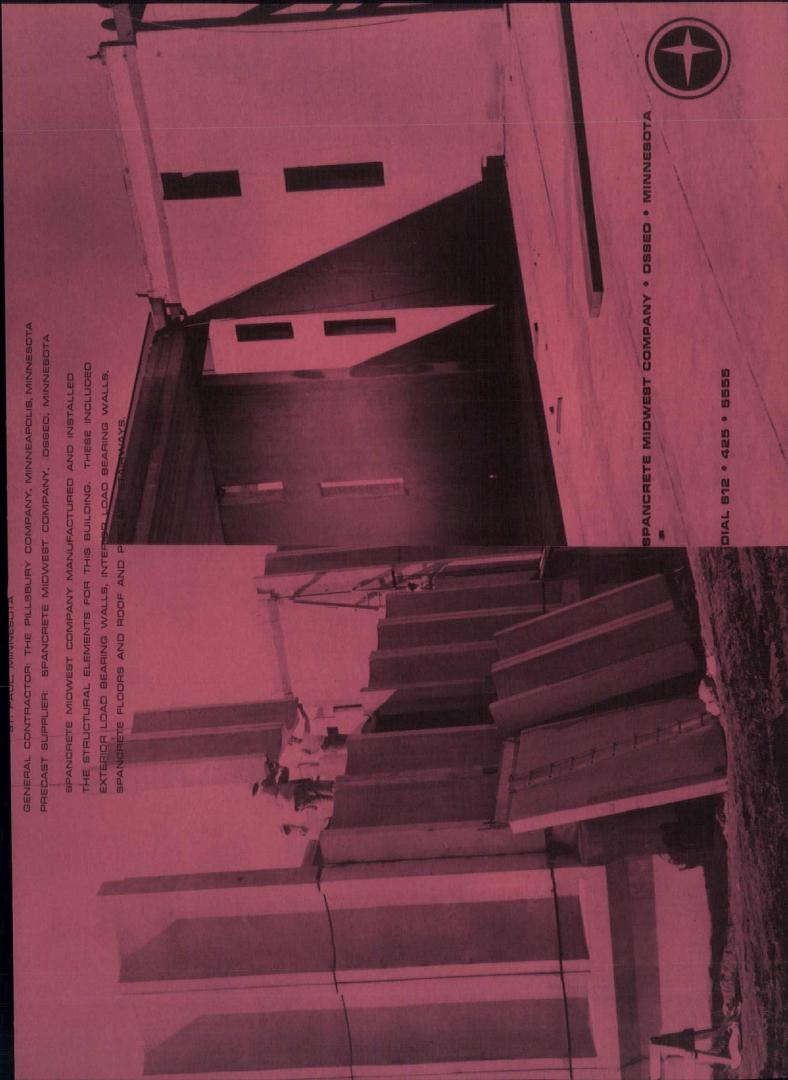






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OF MINNEAPOLIS AND ST. PAUL



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1970 HONOR AWARDS

14TH ANNUAL HONOR AWARDS PROGRAM













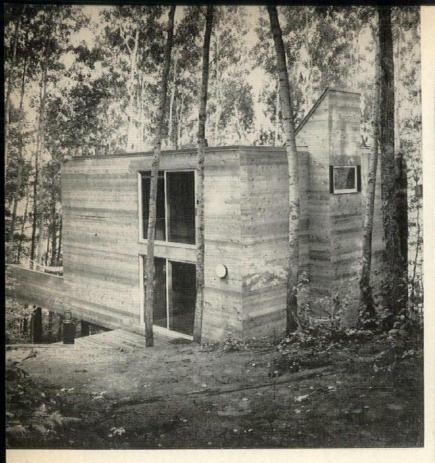
JURY REPORT—In reviewing the 91 submittals to the 1970 Honor Awards Program we were struck by the persistent use of dominating idioms of exterior form. In their cohesion even the best of these buildings lacked the qualities that seemed, now especially, fundamental to being humane—to opening the experience of architecture to the disorders in which we live. At their worst these forms served to pointlessly suppress important information about the buildings and their uses. In most the attention to external forms was more noticeable than the provisions for joyful inhabitation.

The two Honor Awards and the six Awards of Merit that we have selected do not for the most part, fit within that more general mode. They are mostly characterized by exploration and occasional mistake by an excellence of intent that is not fettered by established patterns of execution. They are, insofar as we can tell, good buildings that fit their places and purposes, executed with competence and with respect for their users. The designers explored in each a somewhat different human and environmental condition and their purposeful diversity more accurately accommodates the human condition than does the cohesive idiom of the majority of the entries or the random diversity of the Strip.

Stanford Anderson
William Le Messurier
Charles W. Moore
William Southworth
Donlyn Lyndon, chairman

The Jury

The cover of this issue represents the convention of the Minnesota Society of Architects and was used as a poster for that meeting. This issue contains the honor awards given at the convention and our next issue will further explore its results through presentations by distinguished speakers' comments, etc.





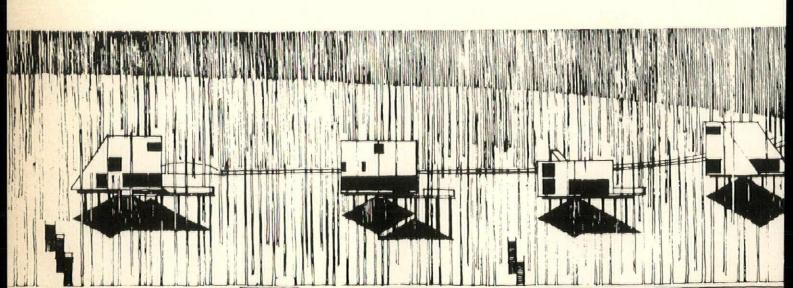
HONOR AWARD

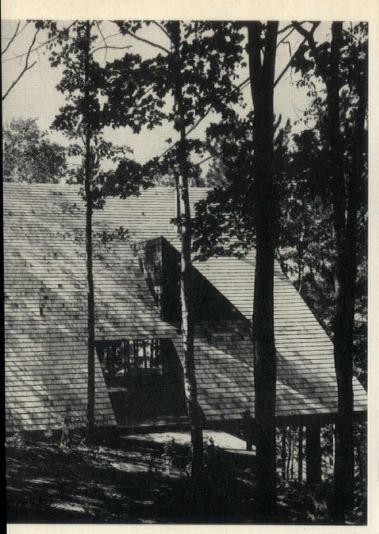
Four Cabins

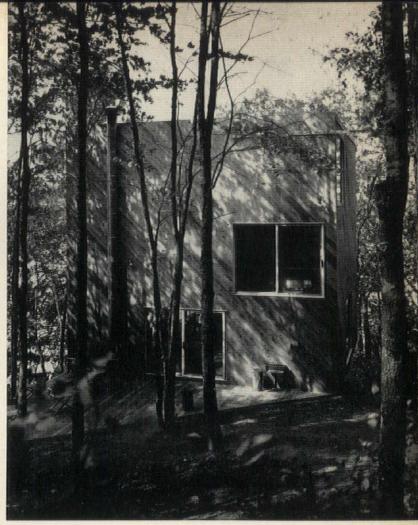
Upper Eau Claire Lake Solon Springs, Wisconsin

Client Architects

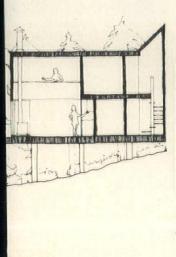
Unit R
Unit A
Bruce Abrahamson, AIA St. Paul
Unit P
Unit P
Unit S
James Stageberg, AIA Minneapolis

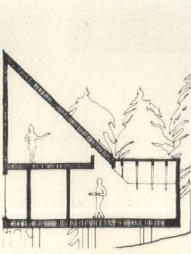


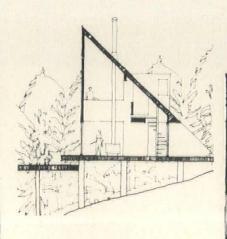


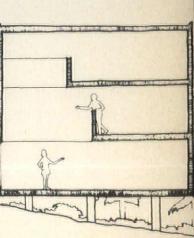


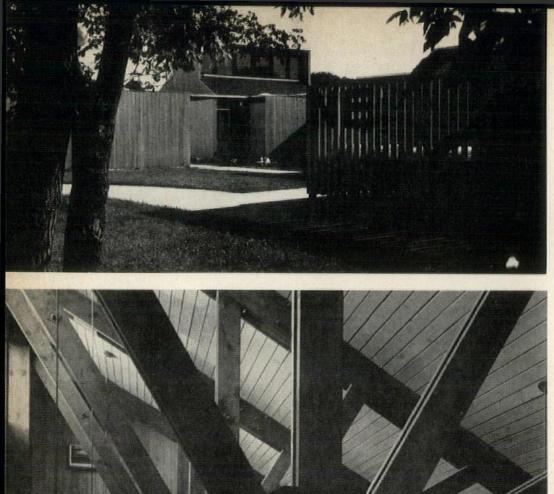
These cabins together fulfill most completely the stated criteria in the Honor Awards booklet. The four architects-owners have established a direct and suitable vernacular that fully respects the environment in which they sit, while retaining the capacity for variation and invention. Within that vernacular the architects have worked out cabins that are spatially interesting and are executed with uncommon finesse.















HONOR AWARD

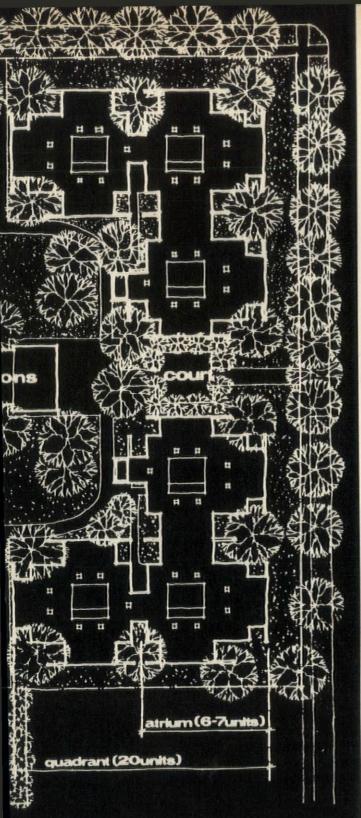
80 Units of Senior Citizen Housing Thief River Falls, Minnesota

Client

The Housing and Redevelopment Authority Thief River Falls, Minnesota

Architect

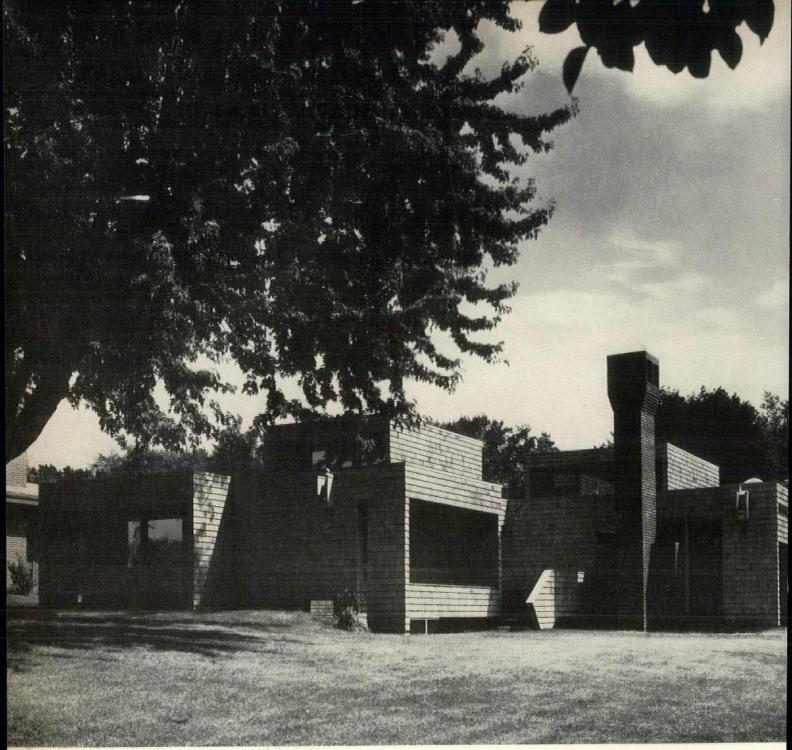
The Hodne/Stageberg Partners, Inc. Minneapolis, Minnesota







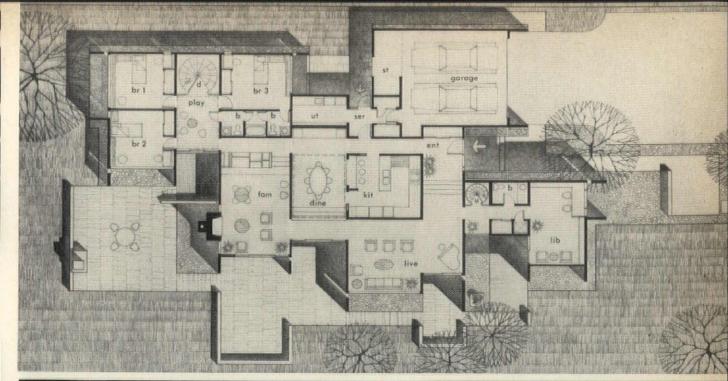
This project was particularly admired for the skill with which an efficient scheme for housing had been elaborated with private courts and shared atria into a complex that could be personalized and that conveyed little of the persistent, arrogant institutionalism that so often characterizes housing of the type. Casual, workmanlike detailing and conventional materials take the edge off forms that might otherwise have been forbiddingly geometric and remote from the experience of the people.



AWARD OF MERIT

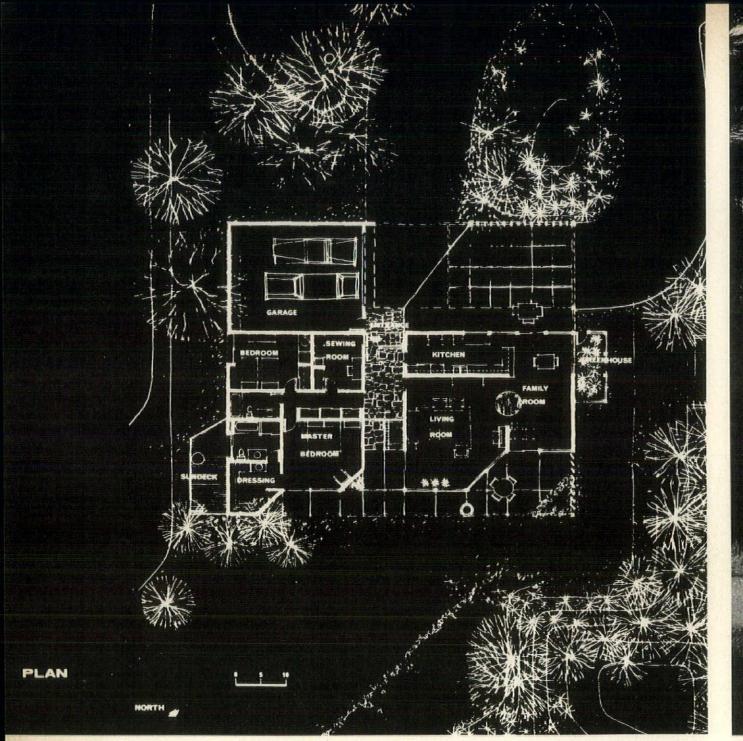
Drs. Goodman Residence St. Paul, Minnesota lient Drs. Malka and Ernest Goodman

Architect Parker Klein Associates Minneapolis, Minnesota





The exterior of this house is immediately engaging. The interior is less immediately so, yet, examination reveals a careful disposition of rooms and levels, and variations of volume, light and view that have made much of an unexceptional site.



AWARD OF MERIT

Folsom Residence

Colorado Springs, Colorado

Client

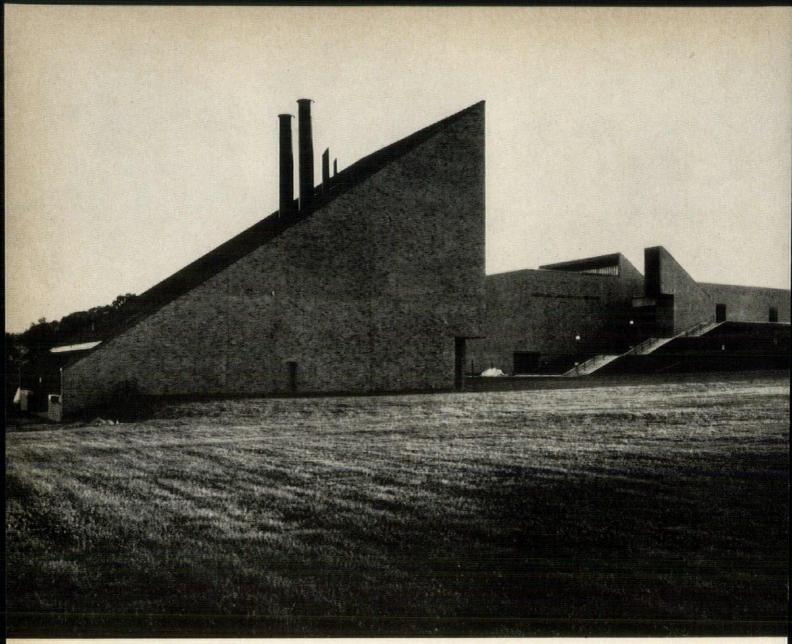
Mr. and Mrs. Elwood Folsom

Architect

The Hodne/Stageberg Partners, Inc. Minneapolis, Minnesota



This house settles easily into its desert setting, with cavernous porches and sunbleached wood. Its simple plan is handsomely modified to offer a range of enclosures and vistas.



AWARD OF MERIT

Power Plant

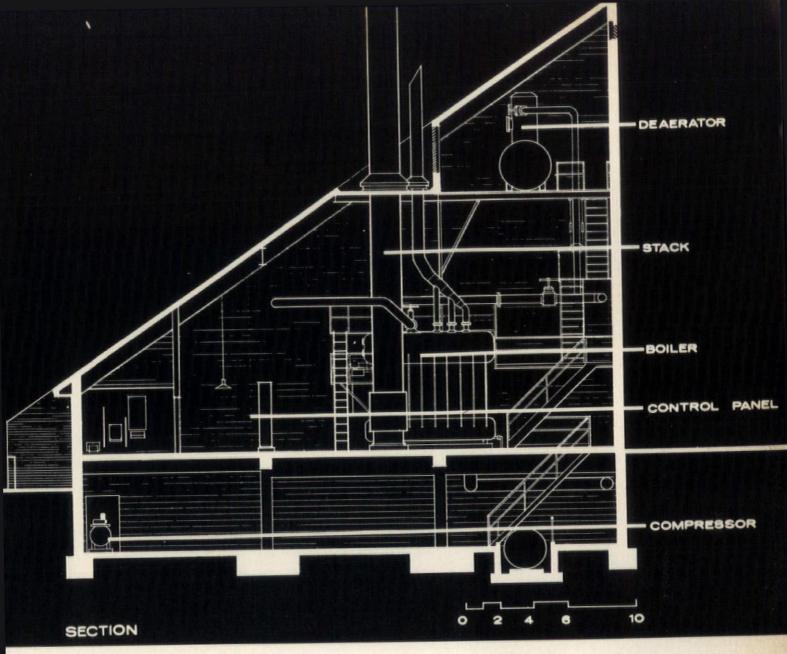
University of Minnesota Morris, Minnesota

Client

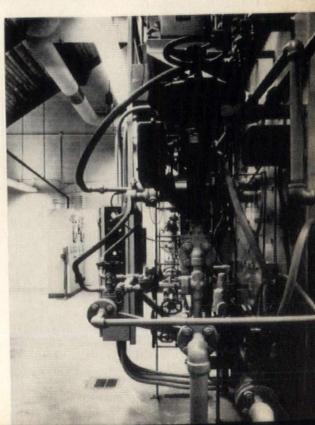
The University of Minnesota

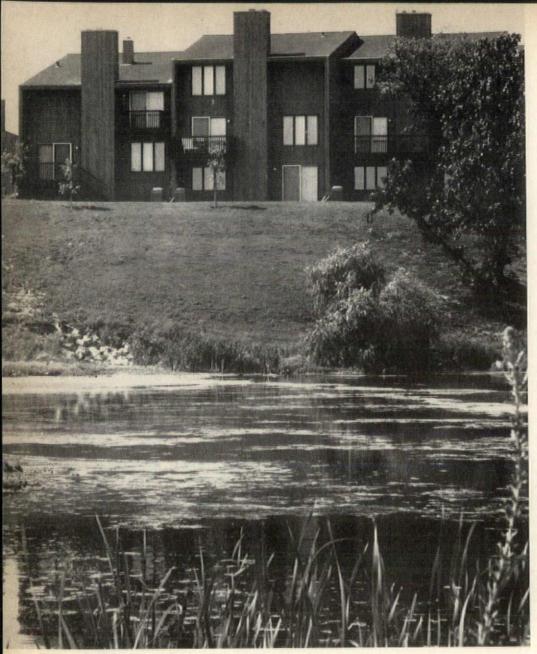
Architect

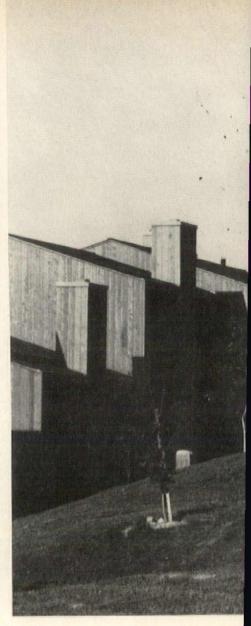
The Cerny Associates, Inc. Minneapolis, Minnesota



A strong geometrical shape is used here to suppress the elegant inner complexity of a power plant that frames the entry to an athletic complex. The prismatic form has three types of facade and each is used to advantage in the larger scheme to which the roof gestures, while proudly flaunting its stacks.







AWARD OF MERIT

Townhouses

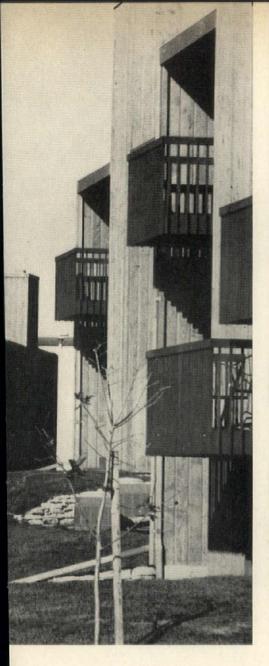
Client

Ban Con, Inc. Roseville, Minnesota

Architect

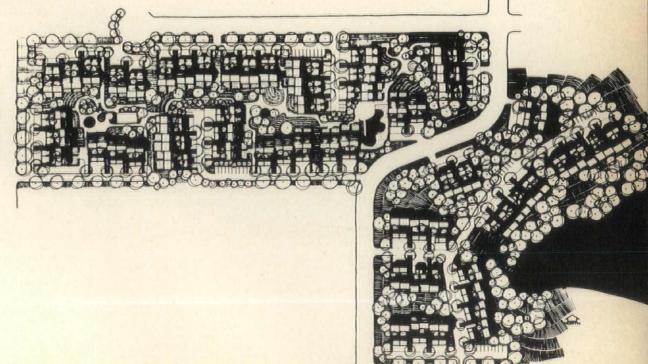
The Hodne/Stageberg Partners, Inc. Minneapolis, Minnesota JURY COMMENT:

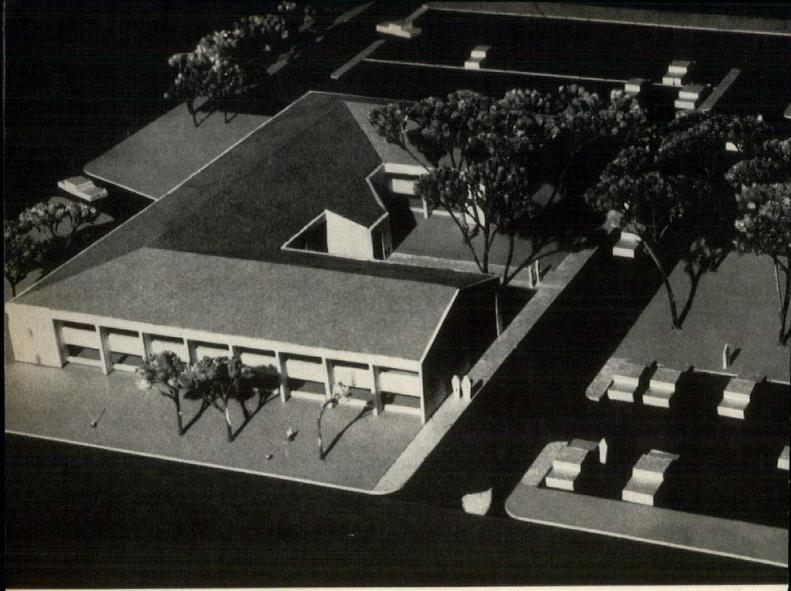
This project is recogn a long stride into the I home market. The site lows retention of reacommon open space, why viding for each home a





arage. Several house types hin a standard module, and variation enlivens an other-unified prospect. Each of hit types has some intrinatial interest, and the genrospect is a pleasant one.





AWARD OF MERIT

Hillsborough Office Building

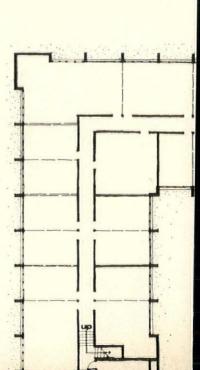
Roseville, Minnesota

Client

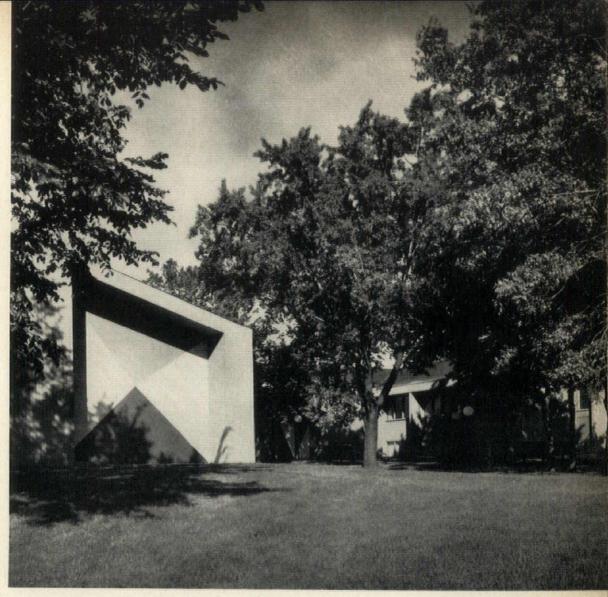
Ban Con, Inc. Roseville, Minnesota

Architect

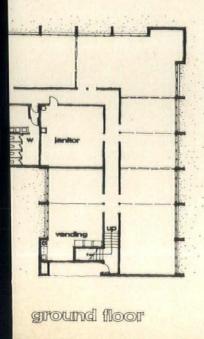
The Hodne/Stageberg Partners, Inc. Minneapolis, Minnesota

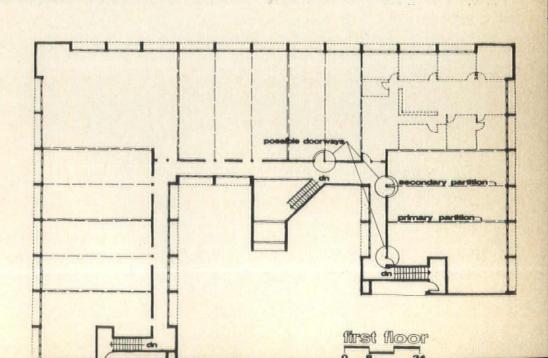


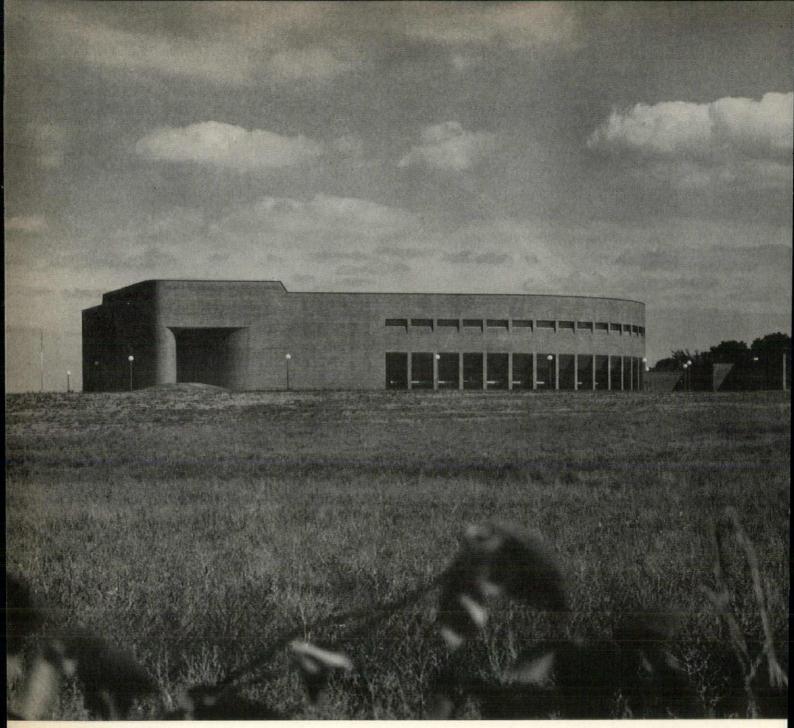




This rental office building is constructed with humble techniques that are consistent with its humble budget. It draws upon the previous existing landscape with the single gesture of an encompassing courtyard to make a place that is welcoming and inhabitable.







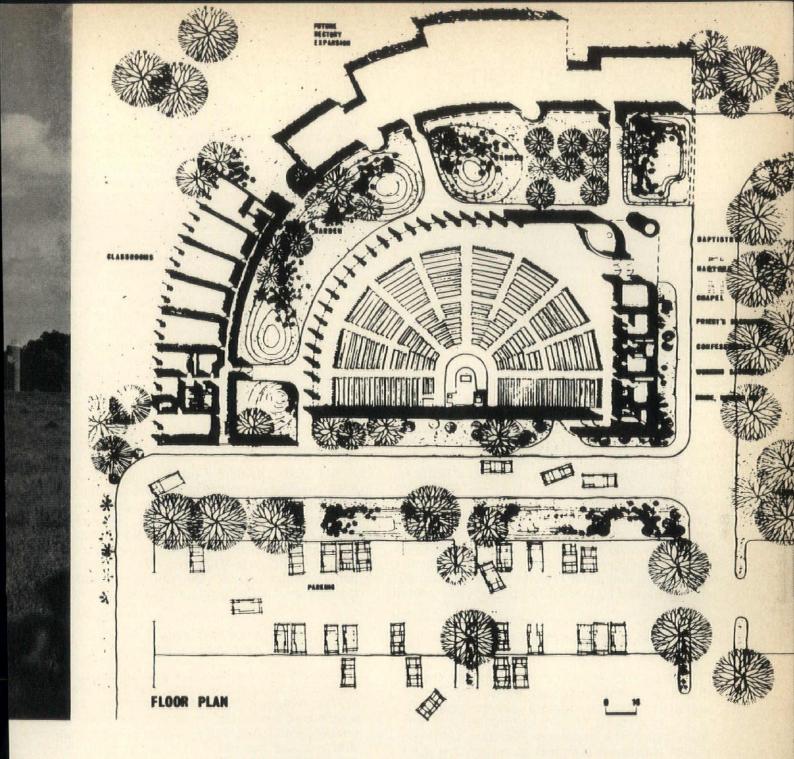
AWARD OF MERIT

Mary, Mother of the Church Burnsville, Minnesota Client

Mary, Mother of the Church

Architect

The Hodne/Stageberg Partners, Inc. Minneapolis, Minnesota



This building gives evidence that places are made with bricks, people and light, not bricks alone. The plan gives an easy encompassing order to liturgical gatherings and the building is enlivened by the combination of people and their activities.

MSA Convention—

NEW OFFICERS

The Minnesota Society of Architects elected its 1971 officers during its 36th Annual Convention.

They will take office in January.

Elected were Richard F. Whiteman of the Hibbing architectural firm of Aguar, Jyring, Whiteman & Moser, president for next year, Bruce A. Abrahamson of Hammel, Green & Abrahamson, St. Paul, vicepresident, O. Reuben Johnson of Buetow and Associates, St. Paul, treasurer, and John Anderson of Medical Facilities Associates and Thorsen & Thorshov, Minneapolis, secretary.

SPECIAL MSA AWARDS GO TO EIGHT FIRMS AND PERSONS

Three Minnesota architectural firms were named recipients of the G. H. Tennant Awards for the Elimination of Architectural Barriers to the Physically Handicapped and Aged. The awards, sponsored by the Minnesota Society for Crippled Children and Adults, were presented during the convention of the Minnesota Society of Architects to Alden C. Smith, Smith Architects, Minneapolis, Bergstedt, Wahlberg & Bergquist Associates, St. Paul, and Arthur C. Lucas, Duluth.

The projects involved were the Sheltered Workshop and School for the Minneapolis Cerebral Palsy, designed by Smith, the Medtronics Rice Creek Plant designed by Bergstedt, Wahlberg & Bergquist, and the KDAL Radio and Television Communications Center, designed by Lucas. The projects are located

PUBLISHER'S RETRACTION FOR ELLERBE ARCHITECTS, INC.

Certain erroneous and inappropriate statements apparently directed at Ellerbe Architects, Inc. and Mr. Millard Sheets appeared in the discussion of "Art in Architecture" on page 328 of the September/October, 1970 issue of Northwest Architect as a part of a discussion of the design of the mural on the Notre Dame Memorial Library. These statements were incorrectly reported and, in fact, were not intended to refer specifically either to Ellerbe or to Mr. Sheets. The statements are retracted and withdrawn. Insofar as the publication of these statements reflected adversely in any way upon Ellerbe's professional skill and competency, any such reflection was incorrect and improper.

While we recognize the importance of the right to criticize fairly and freely, we wish to apologize for the publication of these statements. We have taken precautions to insure that this type of comment will not be published in the future.

in Minneapolis, Fridley and Duluth respectively. The award is a commendation "for incorporating into the project features which make the entire facility accessible to and usable by the physically handicapped."

Five special awards were presented to individuals and organization representatives. A Grand Old Man award was presented to Frederick Klawiter of St. Paul for his 60 years in the architectural profession. A Special Citation for Public Service went to Elmer Slagle of the Minnesota State Health Department for "meritorious service to the public and to the architectural profession in the design of health care facilities." A Special Citation for Public Affairs Leadership was presented to the Downtown Council of Minneapolis, O. D. Gay, executive director, and to the Nicollet Avenue Committee, Jack McHugh, chairman, for "nine years of leadership and direction leading to the accomplishment of the Nicollet Mall in 1967." The final award was for major contributions to the construction industry and went to George Saffert of the American Art Stone Company, New Ulm, Minn., for "his devotion to the development of precast concrete as an architectural material."

MSA CONVENTION EXHIBITOR AWARDS

The 1970 awards for outstanding booths at the MSA convention were given out at the Friday luncheon by Leonard W. Anderson, president of the Minnesota Society of Architects. They went to NECA, Armco Steel Corporation, Rollin B. Child, Inc., St. Charles Kitchens, Mahin-Walz, Inc., Cronco-Lite, Div. of Cronstroms Mfg., Inc., Weyerhaeuser Company, Manitoba Trade Exhibitions, Inland-Ryerson Const. Products Co. and Lurie Patek.

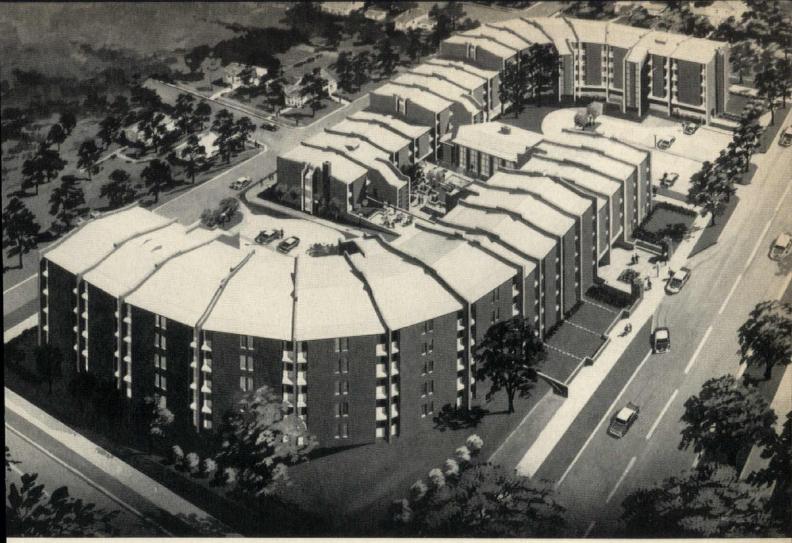
AIA WINS IDSA AWARD FOR BETTERMENT OF ENVIRONMENT

The first Damon Woods Award of the Industrial Designers' Society of America has been presented to The American Institute of Architects for "conspicuous contribution to the betterment of the environment." Rex Allen, FAIA, president of the AIA, received the award at a dinner that climaxed the design society's 32nd annual meeting.

"The projects and programs initiated by the AIA over the past several years represent today's professional architect's sense of priorities concerning our environmental needs," stated T. P. Madawick, president of the IDSA and vice-president of design,

RCA.

In accepting the award, Mr. Allen said "The American Institute of Architects accepts this award from the IDSA as a symbol of increasing collaboration between architects and designers concerned with advancing techniques of industrialization, particularly with regard to increasing our supply of well-designed housing. We are confident that factory-built components can be of quality design and are a necessary prerequisite toward meeting the nation's serious housing shortage."



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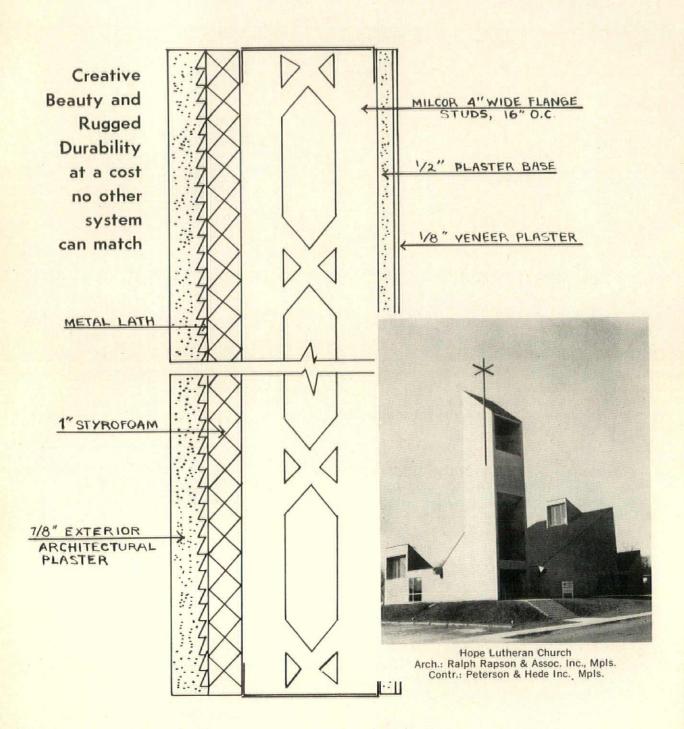
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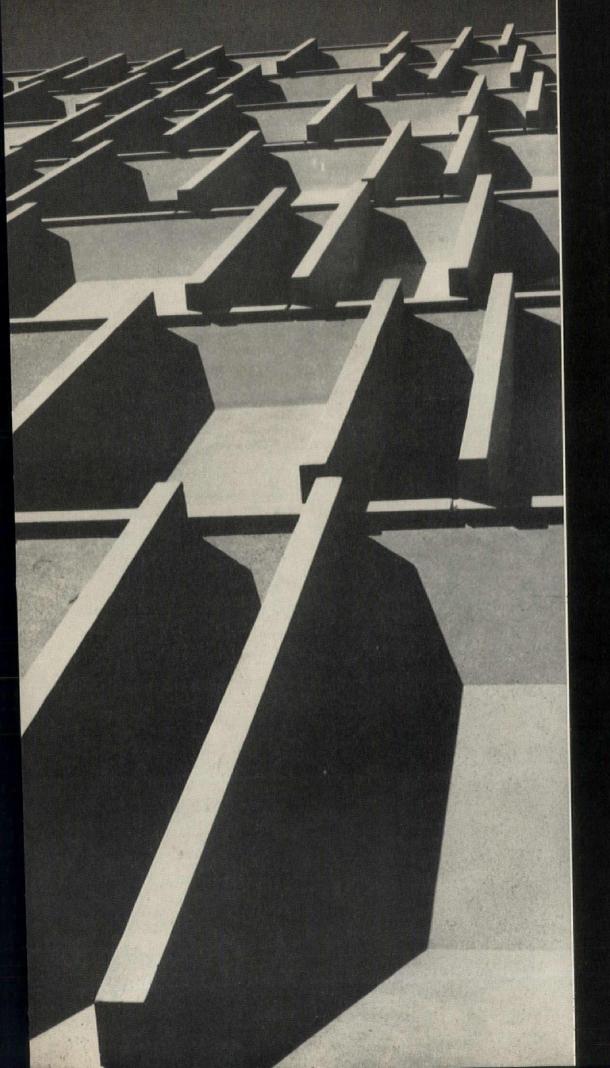
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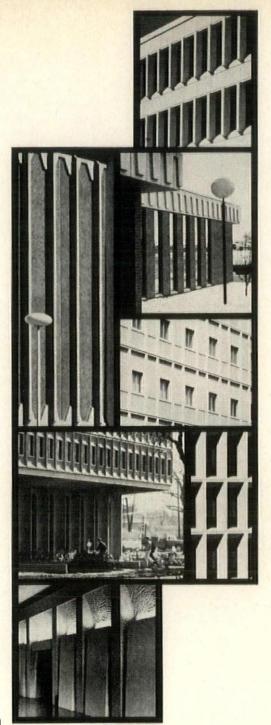


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THE TWILIGHT PAGEANT OF ITALIAN ART By Linda Hoeschler

For years art historians have viewed Italy as the cradle of art but at the same time as being in the cradle when it comes to 18th Century art. A bias persists in favor of Settecento Venetian painting, with its exultant triumph of Tiepolo, Canaletto and Guardi, to the neglect of many good works from the rest of the Italian peninsula.

A new exhibit at the Minneapolis Institute of Arts, "Painting in Italy in the Eighteenth Century: Rococo to Romanticism," organized by its own Anthony Clark, John Maxon of the Chicago Art Institute and Otto Wittmann of the Toledo Museum, takes a more catholic approach by including 105 settecento paintings from the major city states of Italy which trace the final bloom of the Renaissance at the edge of

the modern age.

The viewer slips into the position of the Grand Tourist of the 18th Century as he starts through the exhibition halls which are arranged to display the art from the top of Italy—Piedmont, Liguria and Lombardy—down to the bottom of the boot—Naples. The walls have been repainted for this show, in bright vibrant blues, greens, greys and browns which highlight the rich blazing colors used by the painters.

It is interesting to trace this route which spans the Rococo period to the Romantic during this century of the Enlightenment. This century of new rationalism started in Italy with the publication of Giambattista Vico's "Scienza Nova," yet this country with its fragmented politics and culture, never led the tumultuous transition of Western civilization when the European mentality passed from dependence on the church and nobility to the brink of democracy and industrialization. England and France, the new cultures, were in the vanguard of this movement, accompanied by new art forms, whereas Italy was steeped in the tradition (and habit) of past artistic accomplishment.

Therefore, what we experience in this exhibit at the Art Institute is not the exuberant revolution of society, the coming of the brave new world, but rather the eloquent, poignant, twilight pageant of the Renaissance, with the end of Italian cultural supremacy over Europe.

One senses in viewing the works of many of these unfamiliar or little appreciated artists that the problem of many Italian painters of the 1700's was that they were overwhelmed by the grand tradition of the previous centuries which they inherited, without having the benefit of a style and subject liberator like the French Watteau. For some Italians the transition from the Baroque style was difficult, if not impossible, for they were cognizant of continuing a tradition. Their persistent taste for religious and historical subjects, far less important in France or England, places them as the signers of the swan song of this type of painting.

Yet for most of the artists represented in this show the transition was fairly smooth. Solimena and Giaquinto of Naples evolved a "high rococo," replacing Baroque monumentality with Rococo decorative grace, and the Roman, Marco Benefial, is a seminal proto neoclassic painter (neo-classism was the direction of many Italian 18th century painters) whose work "Pyramus and Thisbe" recalls the 17th

century Guido Reni.

The more outstanding sign of an evolution from earlier styles and subject matter are the three types of painting which received particular emphasis in all centers of Italy during this century: genre, portraiture and real and fanciful painting of views (veduta).

Genre painting, which had flourished in 17th century Genoa, depicts lower and middle class scenes with greater realism and occasional caricature, the master of genre being the Bolognese, Crespi. Portraiture, only recently appreciated in Italian art history research, became more concerned with the man behind the mask, developing into a more realistic and psychological characterization. Landscape painting was truly a product of the 18th century for the patrons of this art were the Grand Tourists who bought the souvenir landscape—either a topographical view or the landscape of pure fantasy.

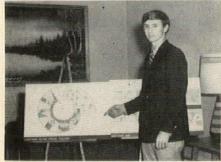
(Continued on page 416)

Giovanni Antonio Canal (called Canaletto)-View of the Riva degli Schiavoni.



STUDENTS RECOGNIZED FOR LIGHTING DESIGNS





The top picture here shows O. C. Oberg of Northern States Power Company presenting the IES certificate to Matthew Thompson. The bottom picture is of Greg Peterson.



Five students in the School of Architecture, University of Minnesota, shared in the annual NSP Lighting Design Award for 1970. There were two first place winners—Greg Peterson and Matthew Thompson, both from Minneapolis—and three second place winners—Randy Engel and Galen Grant from Minneapolis and David Smith from Edina—all Grade III students.

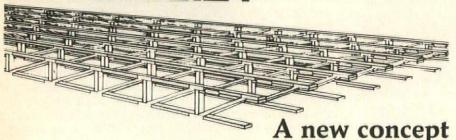
A group of the winners, with their displays in the background, is made up of (I-r) Greg Peterson, Randy Engel, David Smith and Galen Grant.

The Lindbergh Interpretive Center was a studio problem in architectural design with the purpose of describing the history of the Lindbergh family through three generations and to place it in the context of state and national history.

Messrs. Parker, Bennett and Michelson, members of the School of Architecture staff, used this project as a two-stage problem in spring quarter 1970. The first phase was the design of the building and exhibition area. Phase two was the lighting design necessary for utilization of the building for its intended purpose of communicating objective information and historical background.

The student winners were also recognized at the November meeting of the Illuminating Engineering Society, Twin City Section. Certificates and prizes were presented to them by L. J. Reigert of BMD&R Inc., co-chairman of the Allied Arts Committee

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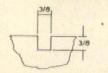
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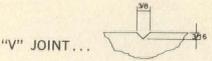
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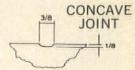


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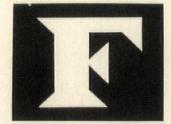
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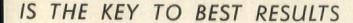
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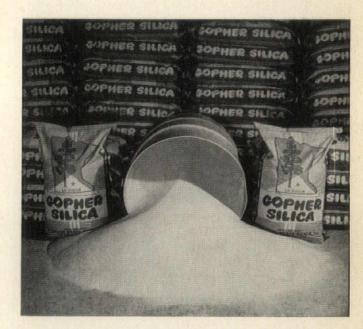
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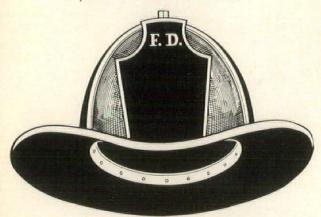
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DIMOND AND DRAKE CO-OPERATE ON BANK ISLANDS

Botticino marble's clean impression recently marked the cooperation of Grover Dimond & Associates, St. Paul architects, and Drake Marble Company of St. Paul in completing the main office of Northwestern National Bank.

The marble was used for unusual tellers' islands in the main office when the architects designed a building which would be a symbol of today's business attitudes. The structure is at the axis of a pedestrian oriented mall

in the city's loop area.

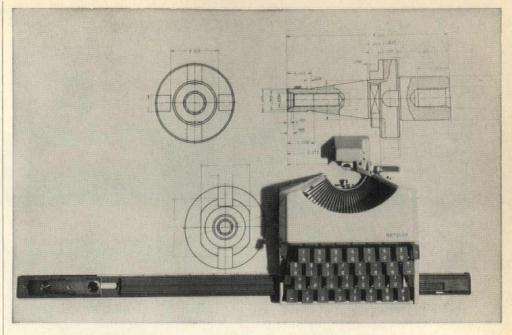
"It meant that the bank had to do business in a new way," David Nordale of Dimond Associates said. "We wished to make tellers, loan officers and other personnel more accessible to the public than in the traditional bank." The service islands were the answer. They provide access of customers from every direction and can handle a maximum number of transactions with a minimum of moving about, thus speeding banking business.

The island frames were of plywood, faced with marble veneer. The fabrication and installation of the marble was handled by Drake Marble Co. Drake's vice-president, F. Denton White, Jr., who is president of the Marble Institute of America, commented in an article on the building in

Stone Magazine, that:

"We had to spend a lot of time working out a plan for installing the marble that would follow the architects' design. The big job was to prevent the joints from showing, in order to maintain the monolithic appearance of the pods."





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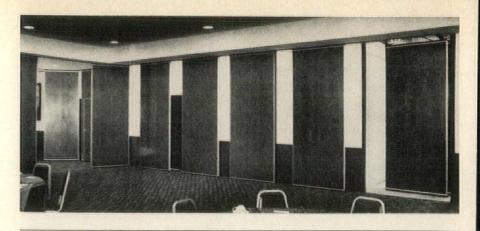
Acousti-Seal 301 panels are lightweight, with a revolutionary suspension system offering ease of operation without costly or cumbers ome mechanical switches. Floor-to-ceiling work surfaces, projection screens, chalkboards, tackboards, are all available on the 301. New Vyneer, woodgrain reproductions with a mar-resistant vinyl finish, is another feature available with this new 301 system, the company said.

Details can be had from Modernfold Division, New Castle Products, Box 310, New Castle, Ind. 47362.

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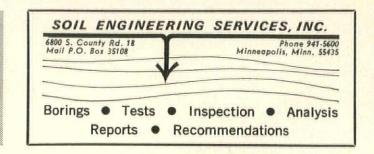




CONSULTING ENGINEERS' OFFICERS

The officers who were installed to guide the 1970-71 destinies of the Consulting Engineers' Council of Minnesota are shown in the picture here, following election at

the group's annual meeting earlier this fall. They are (I-r) Pres.-elect Leif W. Ericksen, V-P Douglas G. Wolfangle, Sec. Sherman J. Cooley, Treas. Frank B. Likens and Pres. David R. Conkey. Executive director of the council is Earl G. Oxley.





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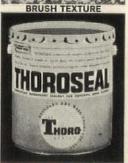
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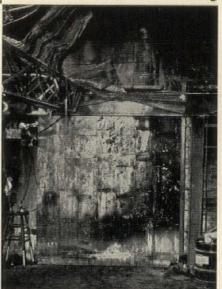
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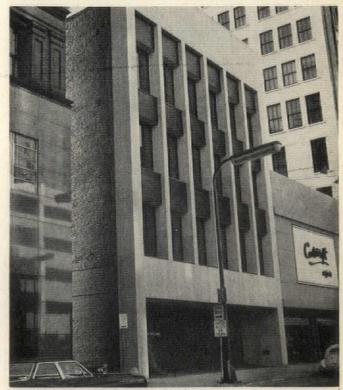
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"This is the first time in the United States that such an advanced, in-depth structural design seminar specializing in prestressed concrete buildings and bridges has been made available to the engineering profession," the institutes' announcement said.

The Seminar will consist of a series of lectures, detailed design examples and actual laboratory tests on full-size prestressed concrete elements. The nature of the seminar will require that those in attendance be practicing structural or bridge engineers with at least several years' design experience.

A number of concurrent sessions will be held to meet the special interests of those primarily concerned with design of buildings and those concerned with bridge design.

Among the subjects covered will be conceptual design, flexural design and partial prestressing, sheer and torsion, building design examples, bridge design examples, materials and losses, connection design, continuity, post-tensioning etc.

Information on details is available from the Prestressed Concrete Institute, 205 W. Wacker Drive, Chicago, III. 60606.



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MSA Convention exhibitors are shown here and on opposite page.

One of the curiosities about the use of stained glass is the fact that the two places where we expect to see it are in churches and in bars. On reflection this may not be so strange; it would be an old pun to say they are both spiritual enterprises. But the pun is not all joke for both of these institutions support a kind of life different from that which to many people is humdrum, banal, materialistic, rational and therefore unreal. The coloring and splintering of light does something to suggest the reality of a different kind of existence. It's a mild sort of psychedelia; stained glass seems to open the door a little bit to the awareness that we live in a luminous world.

The journal of The Stained Glass Association, which is appropriately called Stained Glass, arrives in some of our offices quarterly and the last issue just came. One may learn from it that the association is trying to break out of the church-and-publichouse syndrome. The glass designers seem to be



saying, "The whole world ought to be a temple," which is very true indeed. The virtues of stained glass are available for any kind of building and we would all be better off if by using it generally we could rid it of its ecclesiastical and alcoholic associations.

Anyone who wants to subscribe to Stained Glass can write 3600 University Drive, Fairfax, Va. 22030. It has frequently some interesting material.

Ed Sovik, FAIA

Area Notes (Continued from page 366)

New bids on a scheme of alternates were taken in an effort to bring the St. Paul Civic Center within the authorized budget of \$11.8 million. Earlier bids had exceeded this by \$3 million. Haarstick Lundgren and Associates, Inc. of St. Paul are the architects for the arena and convention facilities complex.

WISCONSIN

Praise for a building and its architect appears in the Madison press. In an editorial, the Capital Times calls Harry Weese's Elvehjem Art Center on the University of Wisconsin campus "a rare jewel" amid the "clutter of undistinguished buildings" and says that its interior elicits "an exhilarated gasp." The State Journal refers to the "grand effect of the Paige Court," a sky-lighted atrium of unpolished travertine. Architect Weese, in turn, has high praise for Prof. James Watrous of the Art History Department, who wrote the program and worked with the architect "without ever interfering with the design by presenting us with preconceived notions" until the sixth and final scheme was reached. The success of the \$3.5 million building, built with privately raised funds, indicates that the best architecture requires both a talented architect and an enlightened client.

Black River Memorial Hospital in Black River Falls, by Durrant, Deininger, Dommer, Kramer and Gordon of Watertown, was awarded the Defense Department's certificate of commendation for the fallout and disaster protection designed into the structure.

The initial phase of a \$1 million "nature awareness and cultural center" on the Wolf River in Keshena, near Oshkosh, has been completed. To provide both a cultural center and an employment oppor-

tunity for the Menominee Indians, it includes nature and Indian culture pavilions, an information center and a trailer camp site. Future buildings will include a shopping center, student dormitory and recreational and maintenance facilities. Richard Dole Peeples and Associates Inc. of Appleton are the architects.

Construction of additions and alterations to Riverside Community Memorial Hospital in Waupaca, designed by Thern Associates, Inc., of Oshkosh, is under way. The same architects have been engaged to assist in site selection and design of a new high school for Juneau.

The Chippewa Falls Herald-Telegram has high praise for fellow citizen Douglas Herbert Smith, member of the Eau Claire firm of Larson Playter Smith Architects and Associates, for his design of the new public library. Columnist Holly Meier comments on the quiet harmony of its design, materials, and colors: "Walking inside the building is almost like entering a deep forest—with a country kind of quietness settling over you."

Two schools and a library by Madison architects Weiler, Strang, McMullin and Associates were among the exhibits at the 47th annual conference of the Council of Educational Facility Planners in Oklahoma City in October.

The Hudson firm of Hirsch, Stevens & Samuelson has been engaged to design the new \$2.5 million middle school for New Richmond. The firm's addition to the Hudson House Inn is under construction.

The \$150,000, 8200-square-foot educational building for the United Methodist Church of Sparta, designed by Hackner, Schroeder, Roslansky and Associates of La Crosse, has been completed. Bids on their 40-unit housing for the elderly in Prairie du Chien exceeded estimates by only 5%.

Preliminary studies for new schools and

additions to existing schools in the Tomah district are being prepared by Krueger, Shutter Associates.

The recently completed 20-bed addition to St. Michael's Evangelical Lutheran home for the Aged in Fountain City, by The Klinger Associates, Inc., Eau Claire, totaled \$154,000.

A \$10 million addition to St. Michael Hospital in Milwaukee is being designed by Pfaller-Flad & Associates. Preliminary sketches for a 55-unit apartment project for the elderly in Watertown have been released by the architects, Durrant, Deininger, Dommer, Kramer and Gordon. A new six-sided church for Holy Rosary parish in Medford is being designed by Nelson Associates, Architects of Wausau.

Bids for **Owen Ayres & Associates'** addition to the county courthouse in Menomonie came in slightly under the estimate of \$175,000.

IOWA

As they say in Turkey: "Yok!" ("There isn't any.")

THE DAKOTAS

Crosby, N. D., interviewed four architectural firms in August with regard to the proposed municipal building. No decision was made at that meeting.

Huron College in Brookings, S. D., has a new Campus Center building designed by The Spitznagel Partners, Inc. of Sioux Falls.

And now your scribe retires after two years of unremitting toil (it seems like). As they say in Sweden:

"SLUT."

To which the editorial staff adds, "Thanks for a job well writ, Ed!"



PRODUCTS & SERVICES

CROSS-SECTION OF WHAT'S NEW

PRESTRESSED CONCRETE MAKES "TALLEST"



A 19-story Housing for the Elderly structure whose shell is constructed entirely of prestressed concrete units was recently "topped out" in Minneapolis. It is reportedly the tallest post-tentioned prestressed wall panel structure in the United States.

All units in the structure were made by Prestressed Concrete, Inc., in its Roseville, Minn., plant. By using prestressed concrete wall and floor panels the building was completed in the "record time of six months and moved up occupancy seven months ahead of schedule," the report from the company said.

Designed by Williams/O'Brien Associates of Minneapolis, the

building contains 196 units (182 dwelling units and 12 service units). A total of 96,000 square feet of precast wall panels consisting of 768 units, 84 precast stairs and 110,000 square feet of precast floor and roof plank were used to complete the 170-foot structure.

HOME-A-RAMA SCHEDULED FOR FEBRUARY

The Builders Exchange of St. Paul will again sponsor Home-A-Rama, the city's annual home show, early in 1971, Pres. Fred R. Aichinger has announced. Dates for the show will be February 20 through 28, and the site will again be the St. Paul Armory in the capitol approach area.

Mr. Aichinger announced that Ray A. Thibodeau, executive secretary of the Builders Exchange, will again be show manager. Assisting him will be Roger E. Miller, assistant secretary.

"This will be the 14th annual home show sponsored by the Builders Exchange," Mr. Aichinger said, "and will feature 150 displays of new products, equipment and materials for the home. As in previous years the 1971 show will be a free admission event. Because of heavy advance interest in the show, coupled with predictions that 1971 will be better than any recent year for home remodeling and new home building, the show committee anticipates the bulk of the available exhibit space will be reserved promptly, Mr. Aichinger said.

WINDOW AND MOSAIC CREATORS LEAVE

The Peter Dohmens, well known in this area for their creative work on stained glass windows and mosaics, have decided to return to residence in Europe, expressing



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disappointment in the ways in which they have been treated in the United States. The Dohmens were the subject of a special article in Northwest Architect when they first arrived in Minnesota and had established their studio in the Stillwater area. They have not decided where their new residence will be.

MILLER NEW PRESIDENT OF GUARANTEED GRAVEL & SAND

Wilbur Miller is the new president-treasurer of Guaranteed Gravel & Sand Company, according to an announcement by Mrs. Frank Balcerzak. Mr. Miller has been affiliated with the firm for the past 22 years and prior to his joining Guaranteed he spent 18 years in the banking business. Business has and will continue on as normal under the past existing policies of the firm, Mrs. Balcerzak reported.

LIGHT ON CHURCHES

"Lighting the house of worship is truly a challenge to the imagination, technical ingenuity and, above all, the good taste of the illuminating engineer. More than any other building type, the church is built to express the solemnity and grandeur of man's belief in the eternal and light, so often associated with deep-rooted religious experiences, can be used to enhance this spiritual expression. Proper illumination also can play an important part in the many more functional uses of today's house of worship," comments the introduction of "Lighting the House of Worship - A Challenging Art," a non-technical brochure on church illumination available from Stonco Lighting, a division of Keene Corporation, Kenilworth, N. J.

The brochure enumerates some of the functions of outdoor illumination, describes the most frequently used techniques and lists several of the newly available lighting sources.

A variety of outstanding church lighting effects achieved in specific applications is illustrated. Write manufacturer for brochure 339.

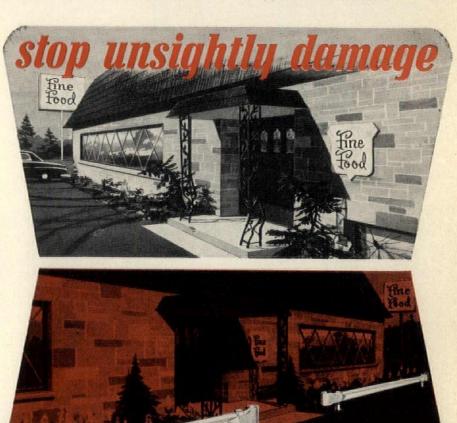
NEW QUALITY CONTROL MANUAL AVAILABLE FROM PCI

An up-dated version of the Manual for Quality Control for Plants and Production of Precast Prestressed Concrete Products is now available from the Prestressed Concrete Institute, according to J. F. Hassell, Jr., chairman of PCI's plant certification committee.

The manual is a 90-page, hard cover, 6 by 9-in. edition of the

document issued by PCI in 1966 that was marked "tentative." Since that time the manual has been thoroughly modified through corrections, changes and additions which were reviewed by a special re-write subcommittee of the plant certification committee, which produced the book.

The manual (MNL 116-70), is available from PCI, 205 W. Wacker Dr., Chicago, III. 60606 at \$5 per copy to PCI members and \$15 a copy to non-members.



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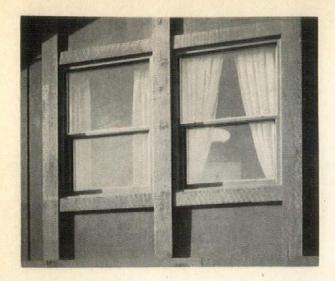
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BITUMINOUS SURFACE TREATING CO.

A new single hung window called the "Singl-Lift" has been developed by Marvin Windows, Warroad, Minn. It is similar to a double hung window but only the bottom sash is operative. The top sash is glazed directly to the frame, providing a slightly larger glass area.

Because of their simple construction single hung windows are somewhat lower in price than double hung windows of comparable size, Marvin's announcement pointed out. The Singl-Lift is available with either brick mould casing or vinyl nailing fin. The nailing fin unit has a modern shadow casing exterior.

The Singl-Lift window also is available with several types of glazing. In one, both fixed and operating sash have button-on storm panels. Insulated glass both top and bottom is also offered. The third type has a button-on storm panel for the top half, and an interchangeable storm window and screen outside of the lower sash. The storm and screen are removable from the inside.

The Singl-Lift has extruded aluminum jamb liners. These are spring-loaded, making it easy to remove the operating sash from inside the room for cleaning. When the lower sash is double glazed, balanced hardware is furnished. The unit is made of clear Ponderosa pine which has been pentatreated for protection.

For complete information write Marvin Windows, Warroad, Minn. 56763.

AISC ANNOUNCES SUPPLMENTISING 1969 SPECIFICATION

The American Institute of Steel Construction has announced Supplement No. 1, effective November 1, to the Specification for the Design, Fabrication, and Erection of Structural Steel for Buildings (adopted in 1969).

Several of the more important revisions incorporated in the Al-SC Specification by Supplement No. 1 are the following:

Hot-formed welded and seamless high-strength low-alloy structural tubing, ASTM A618, has been added as an approved material.

Steel stud shear connectors are required to conform to the requirements of the AWS Code D1,0-69.

The provisions regarding depththickness ratio of webs of members in bending have been modified.

The provisions governing design assumptions for composite construction without temporary shoring have been clarified.

The section covering straightening material has been retitled to cambering, curving and straightening and the section has been reworded for clarification.

Copies of Supplement No. 1 are available without cost on request to the American Institute of Steel Construction, 101 Park Ave., New York, N. Y. 10017.

VINCENT PRESENTS TECHNICAL DISCUSSIONS

Vincent Brass & Aluminum Co., Minneapolis, recently conducted a field trip and held a dinnerseminar for members of the Construction Specifications Institute, who included a number of Twin Cities' area architects and members of their staffs.

A tour of Vincent's "CUE" award-winning facilities, including their modern warehouse was part of the program. The Minneapolis Committee on Urban Environment (CUE) cited Vincent for its new building which "contributes substantially to the beautification and enhancement of the city of Minneapolis." The new Vincent national headquarters building contains in its 30,000 square feet, offices and cafeteria. It is done in a brick, glass and aluminum fascia and, with a large expanse of landscaped lawn and shrubbery, contrasts sharply with the surrounding area dotted with milling elevators, heavy manufacturing, trucking and rail yards.

"While we are proud that Vincent was selected for this honor, of beautifying the area, I feel certain our new offices will vastly improve our overall efficiency and service to our customers. We are most grateful to those who selec-

ted us for the award, and we are happy to have contributed something concrete to the beautification of our city," said Paul Vincent in accepting the award.

TWIN CITIES GET PRIVATE, DIAL CAR PHONE SERVICE

Minneapolis and St. Paul recently became the second area in the country to receive an entirely new type of private, direct-dialing car telephone service provided by Minnesota Mobile Telephone Co.

The new service enables subscribers to make and receive tele-

phone calls to and from anywhere in the world while in their cars. the company reported. It is one of more than 50 subsidiaries of Mobile Telephone Company, Philadelphia, Pa. Through other wholly-owned subsidiaries, the parent company is currently establishing telephone service in major metropolitan areas throughout the country to supplement service provided by conventional phone companies because people who have previously desired car phone service have had to wait a considerable length of time in most areas. This is because con-



ventional phone companies are oversubscribed on their present channels, Minnesota Mobile said.

Details can be obtained from Minnesota Mobile Telephone Co., 5128 Hanson Court, Crystal, Minn. 55428.

"Have you any four-volt, twowatt bulbs?"

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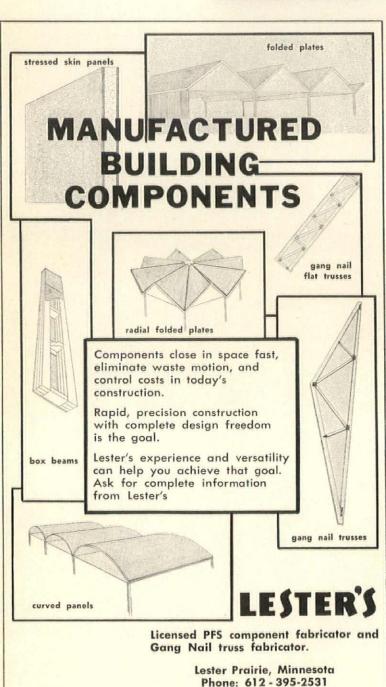
"No, two."

"Two what?"

"Yeah."



Mr. Hanson (I) shows mechanics of system to Loren Kinghorn, Jr., vicepresident.



NEW SYSTEM ERECTS IN ONE DAY

A new building system which will erect the floors, walls and ceilings of a complete apartment structure in one day has been announced by David W. Hanson, president of Fabcon, Inc., Minneapolis.

The company will produce Span-Deck, franchised, eight-footwide prestressed, concrete 'hollow-cored slabs' to be used for 'instant walls, floors and ceilings' in apartment buildings, schools and commercial-industrial structures.

Gerald Rauenhorst, president of Rauenhorst Corporation and board chairman of Fabcon, Inc., described the process as giving construction in this area "a tremendous boost at a time when new starts have been lagging."

Mr. Hanson, former general manager of Spancrete Midwest Company, said the product is a new concept in making hollowcored slabs that "set high standards of uniformity, strength, fire safety, flexibility in finishing and sound control." He said Span-Deck walls, floors and ceilings would be sold in Minnesota, North Dakota, South Dakota, Iowa and Wisconsin.

"Of course the most satisfying result," said Hanson, "Will be the ability to provide less expensive apartment units, resulting in lower rents while the buildings are still new. As costs have risen, the trend in schools and apartment buildings has been to prefabrication of major components, to modular design and on-the-site assembly."

Fabcon plans to break ground before year's end, subject to approval by Burnsville officials, for a million-dollar, 1200-foot-long plant to extrude the panels. Special machinery for the new operation is on order. The slabs are produced on a highly automated rolling bed assembly line, machine-finished, cured and precision-cut to desired lengths up to 55 feet. Standard widths are eight feet in depths of 8, 12 and 16 inches.

Other advantages to Span-Deck, according to Hanson, are dramatically improved fire insurance rates, floor and ceiling slabs that are smooth, with only small joints between the eight-foot units and surfaces that can be painted, papered or left in their natural color state. The same Span-Deck section can be erected vertically as an eight-foot-wide industrial wall panel, competitive with concrete block in costs, he said. It is manufactured with insulation in its core holes which can be left in the slab, producing an insulated concrete wall panel. The panels will be available later with special exterior wall finishes in patterns and exposed aggregate. No topping is necessary on the floors. The panels are smooth on top, requiring simply a pad and carpet.

VETS OFFERED TRAINING AS MASONS, PLASTERERS

A federal contract of about \$400,000 for training returning servicemen as cement masons and plasterers has been awarded to the Portland Cement Association and the Operative Plasterers' and Cement Masons' International Association.

The 16-month program will be funded through the Manpower Development and Training Act and administered by the Department of Health, Education and Welfare and the Department of Defense. It is part of DOD's Transitional Manpower Programs designed to equip military veterans with job skills before leaving the armed services.

The PCA-OP&CMIA program will be conducted by the Portland Cement Association and the International union at 10 military bases, including Fort Leonard Wood in Missouri.

"Our principal goal is to help the Department of Defense return more men to civilian life with marketable skills and to help meet the shortage of trained workers in the construction industry," said James D. Piper, PCA senior vice-president for education. "To trained men the concrete industry offers an excellent opportunity for good earnings, advancement and wholesome working conditions."

The training will be conducted during the last six months of the serviceman's active duty. Graduates will be eligible for entry as apprentices in one of the two trades.

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Italian Art

(Continued from page 399)

The present day Grand Tourist at the Institute of Arts who begins his journey in northern Italy will be surprised by the neutral, unsentimental genre portraiture of Giacomo Ceruti as depicted in his "Portrait of a Young Man" and "Country Girl with a Wine Flask," as well as the anticlassical realistic rendering of Sipper, "The Artist in His Studio." A good example of intense psychological knowledge of his sitter is Ghislandi's "Portrait of a Pupil as a Gentleman" and dramatic tensions are expertly conveyed by a pair of works by Magnasco. The viewer should also compare Lorenzo Percheux's neoclassical "Death of Epaminondas" which follows the classical composition of Poussin's "Death of Germanicus," hanging elsewhere in the institute, both of which were painted in the same studio.

The three rooms of Venetian painting, numbering 31, is an impressive testimony to the marvelous production of this school during the 1700's. From those who heralded the sudden renewal of artistic activity at the beginning of the century, Amigoni, Pellegrini, and the Riccis, through those who culminated and ended a great tradition, Tiepolo and Guardi (who foreshadows the Impressionists) it is a dazzling display. (Unfortunately for Tiepolo

and other fresco painters their works cannot be truly appreciated because of the impossibility of showing them.) Of course, the veduta paintings of Can-

Of course, the veduta paintings of Canaletto, Bellotto and Guardi dominate this area but startling are the sober colors of the works of Piazzetta which distinguish him from his contemporaries who favored light, clear colors. He rivals Tiepolo as the most interesting painter of settecento Venice and his figures have a naturalistic conception and imply a psychological narrative.

The Bologna and Emilia area centers around the realistic genre of Giuseppe Crespi and one of the loveliest works of the show is his, "The Lute Player." Also notable is the "Noli Me Tanger" of Franceschini who interpreted the ideals of the 17th century classical style, as well as the variety of works of the Gandolfi family.

One of the most charming examples of realism appears in the Roman arena, Amorosi's "Vagabond." Midway between the Baroque and neoclassical styles are the works of Pompeo Batoni, the great painter of Rome, whose portraits of delicate power (especially his depictions of women) gave him the greatest fame. Also intensely beautiful are the two pictures of Marco Benefial, and worthy of note are the works of the most famous Roman landscapist, Panini.

An outstanding type of character depiction hangs in the final, Neapolitan gallery, a portrait of Ferdinand IV by Giuseppe

Bonito which is reminiscent of Goya (supposedly he influenced Goya). Near the fine examples of Italian rococo by Giaquinto hangs the most romantic picture of the exhibit, "Landscape with Herdsman" by de Marchis. As with Tiepolo, the works of the undisputed leader of the Neapolitan school during the first half of the 18th century, Solimena, are incompletely represented because his major vehicle was the fresco. One of the most intriguing works is the genre painting of Traversi, "The Arts-Music," a realistic social statement.

After viewing the exhibit in its geographical divisions, it is difficult to discern any certain declamation of trends of settecento Italian art. Rather, when one compares the diversity of types of art being produced in any one decade, it seems that the breadth of Italian art in this century was more a matter of the individual developments and regional trends. The show is a valuable learning aid and the absence of parochial attitudes toward 18th century art is a landmark among American museum exhibits.

The show, which closes January 10, is accompanied by an excellent catalogue and its four-page discussion of the technical aspects of settecento Italian painting is a rare, worthwhile inclusion.

Linda Hoeschler is a freelance arts critic and reviews the performing arts for the Minneapolis Star.

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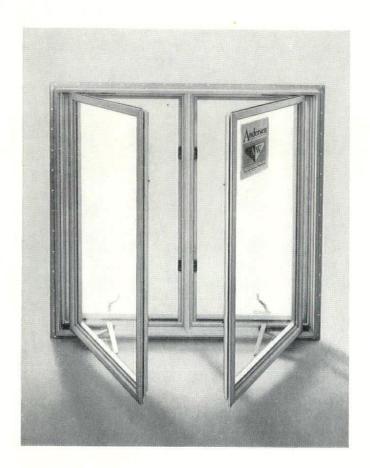
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