

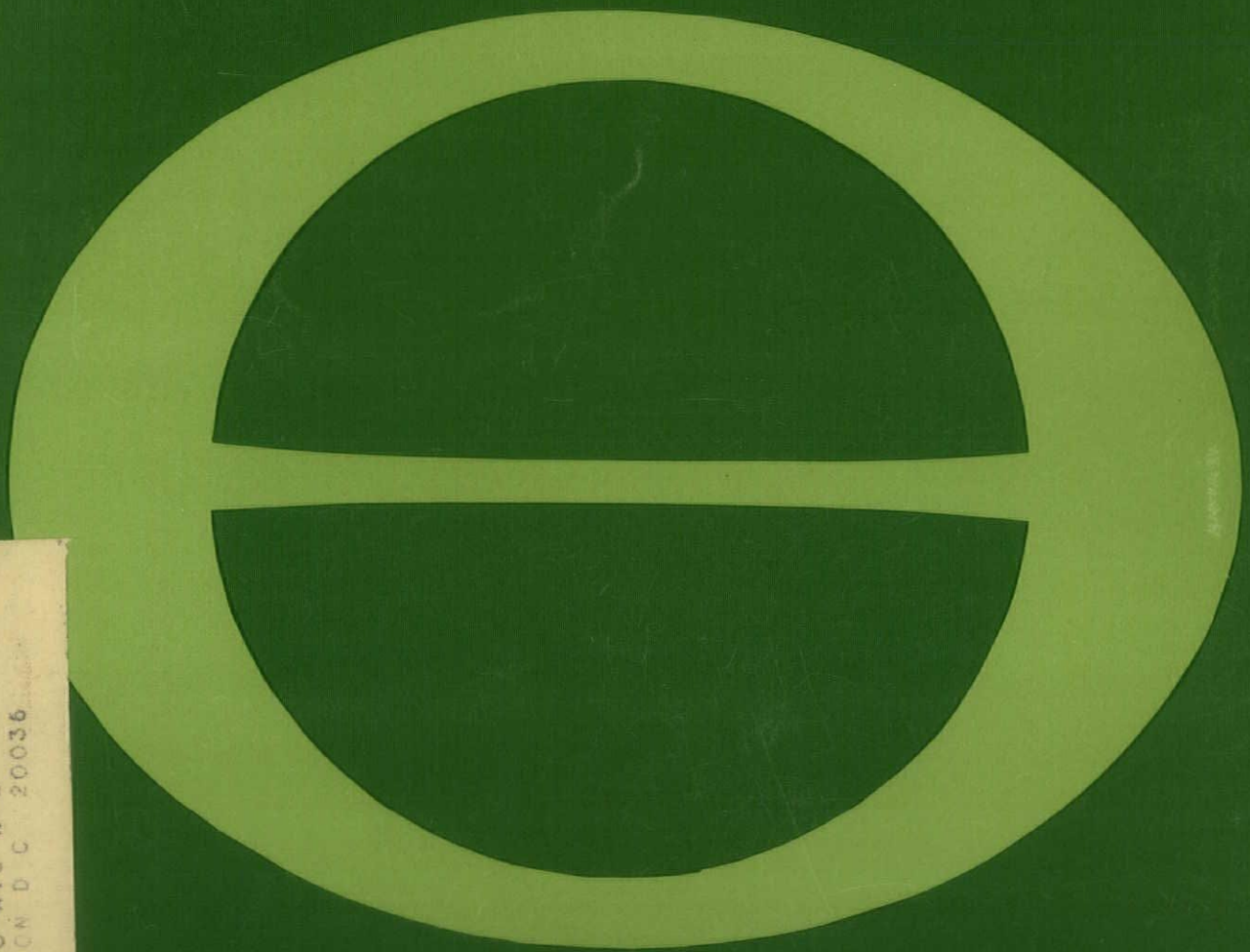
# Northwest Architect

May/June 1971

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to find.**



# Northwest Architect

Official Publication of the Minnesota Society of Architects VOLUME XXXV NUMBER 4 May-June 1971

Gene Peterson  
& David Hall  
E. A. Sovik

James Kellett

Steve Weeks

Area Notes .....	134
10 .....	145
The Smith Selection System .....	166
About Our Cover .....	168
CSI News .....	170
Emergence .....	175
Index to Advertising .....	184

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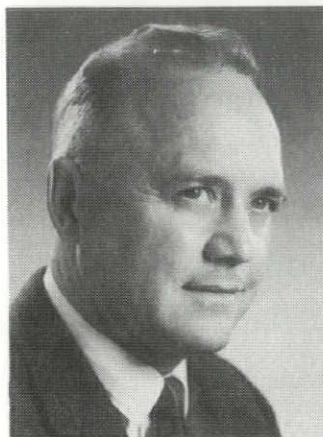
## HASSENSTAB RESIGNS AS MSA EXECUTIVE DIRECTOR

Donald W. Hassenstab, executive director of the Minnesota Society of Architects for the past several years, has resigned that post to return to a more completely legal career as an attorney for the Veterans Administration.

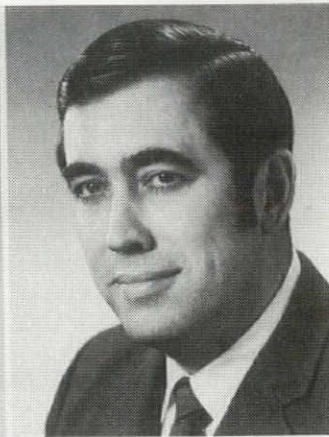
Work of the society will be carried on by an interim director pending board action later to name a new appointee. Meantime applications and recommendations for a successor are being sought from among qualified candidates and from among members of the MSA who know of qualified candidates. The society, of course, is an equal opportunity employer and there has been indication that there may be a woman recommended to take over the work. In the past the director has been trained in the law and this would be an important consideration because of the work with the legislature and the need for advice to members and others in legal matters.

Promoted by Setter, Leach and Lindstrom, Minneapolis architectural and engineering firm, were **Harry Sierk** and **Arne Cisewski**. Sierk became vice-president, mechanical engineering, and Cisewski manager of the mechanical engineering department . . . **Bernard Hillyer** of Bismarck recently was named to the North Dakota state board of architecture by Gov. W. L. Guy.

Architectural Systems, Inc., has been set up in Minneapolis by **Max E. Fowler**, **Cecil T. Griffith** and **Eugene C. Nelson** to provide a full range of architectural services. The three architects all were formerly with The Cerny Associates and



Mr. Fowler



Mr. Griffith



Mr. Nelson

# Area Notes

Architectural News from Five States

## PEOPLE . . .

**Reynold M. "Curly" Roberts**, a former chairman of the editorial committee of Northwest Architect and now head of the architectural department of the Cleveland based firm of Dalton-Dalton-Little, recently won the top award for design of a logo for the Architects Society of Ohio. The "mark" will be used on all graphic materials published or used by the Ohio



Ohio's "mark"

society, a one-state region of the AIA with eight member chapters. Roberts also received an award for design excellence in the International Alphabet Design Competition sponsored by Lettergraphics International. In a letter he commented about the magazine he once helped shape up, "I certainly enjoy receiving Northwest Architect and am pleased to note the constant improvement in the book. We receive several state organization publications and N. A. is the outstanding one by far."

Among several new offices opened recently was that of the partnership of **Willis Kingsbury** and **Richard Elken**, who will practice in Moorhead, Minn., as Elken and Kingsbury. . . . In Yankton, S.D., **James M. Duffy Associates** have hung out their shingle to practice architecture . . . Twenty-five years of service to the Hibbing architectural firm of Aguar, Jyring, Whiteman and Moser by **Anthony Hren** have been honored by the firm. Hren was the first employee of E. A. Jyring and is at present the firm's chief specification writer.

their backgrounds reflect a wide range of accomplishments in the construction field . . . Member emeritus is the new designation for **Harold E. Bechtel** of Fargo, N.D., following action by the board of the AIA. Bechtel practiced architecture in North Dakota and Minnesota for 30 years.

**Gerald C. Lafferty** has been appointed planning director for the city planning commission of Rapid City, S.C. With 14 years of experience in the field to his credit, he has served on planning staffs in Milwaukee, Austin, Minn., and Ventura, Cal. . . . New to the staff of Winsor-Faricy Architects in St. Paul is **Robert L. Stilwell**, who will be in charge of medical facilities planning. He was formerly with Ellerbe Architects. . . . **Walter E. Hestekin** has been added to the staff of Larson, Playter, Smith Architects in Chippewa Falls, Wis., and will be a partner in the firm. He is a professional engineer.

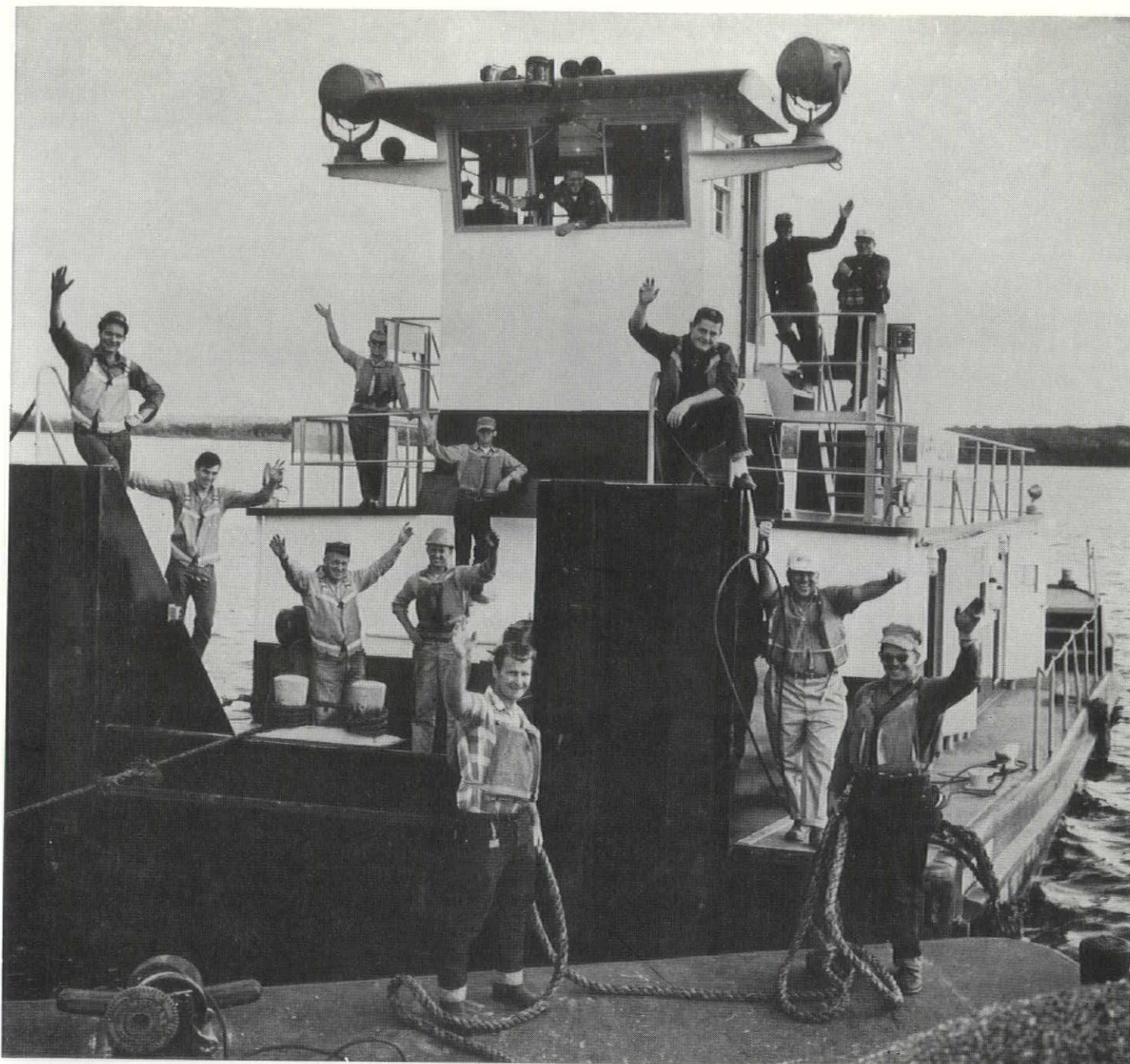
## . . . AND PROJECTS

### MINNESOTA

Accepting the facts of a site and making the most of their implications has given the firm of **Horty, Elving and Associates** of Minneapolis an unusual location for their office building. The structure, with an abundance of windows, is

(Continued on page 178)





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**ARCHITECT:** ARMSTRONG, SCHLICHTING, TORSETH & SKOLD, ARCHITECTS, AIA MINNEAPOLIS, MINNESOTA  
**STRUCTURAL ENGINEERS:** CLARK ENGINEERING COMPANY, CONSULTING ENGINEERS  
MINNEAPOLIS, MINNESOTA

**GENERAL CONTRACTOR:**  
**PRECAST SUPPLIER:**

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PROJECT:

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**NORTH CAMPUS - BROOKLYN PARK, MINNESOTA**

ARCHITECT:

ARMSTRONG, SCHLICHTING, TORSETH & SKOLD, ARCHITECTS, AIA MINNEAPOLIS, MINNESOTA

STRUCTURAL ENGINEERS:

CLARK ENGINEERING COMPANY, CONSULTING ENGINEERS

MINNEAPOLIS, MINNESOTA

GENERAL CONTRACTOR:

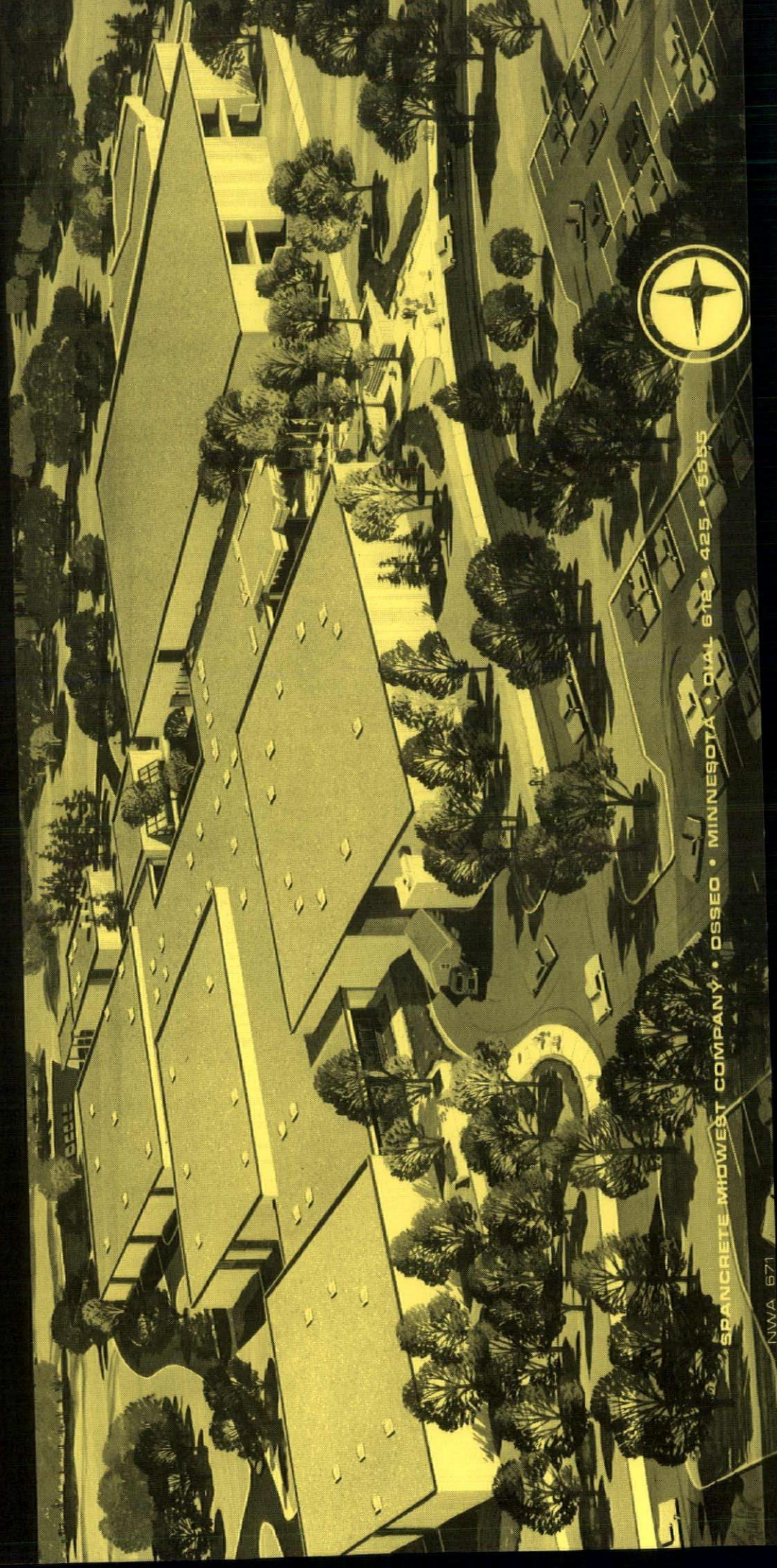
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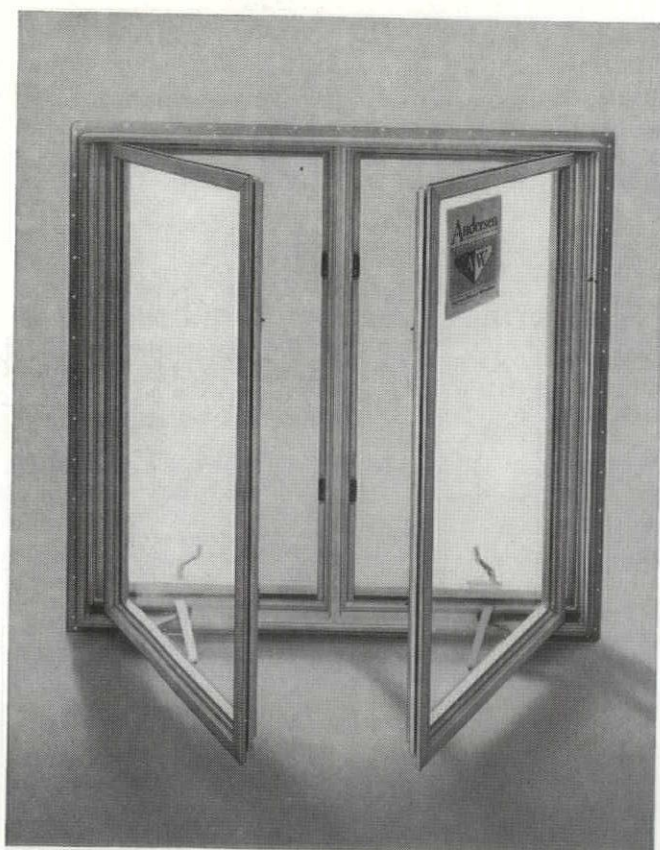
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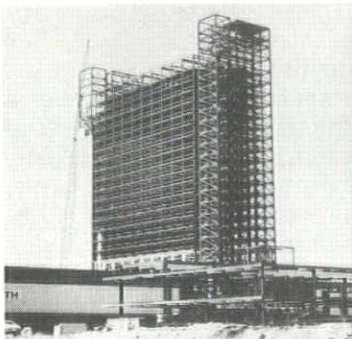
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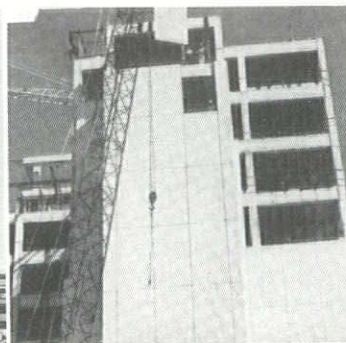
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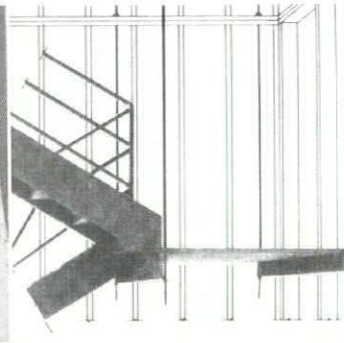
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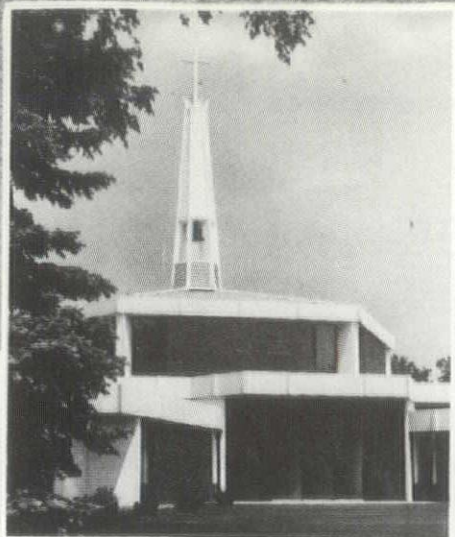
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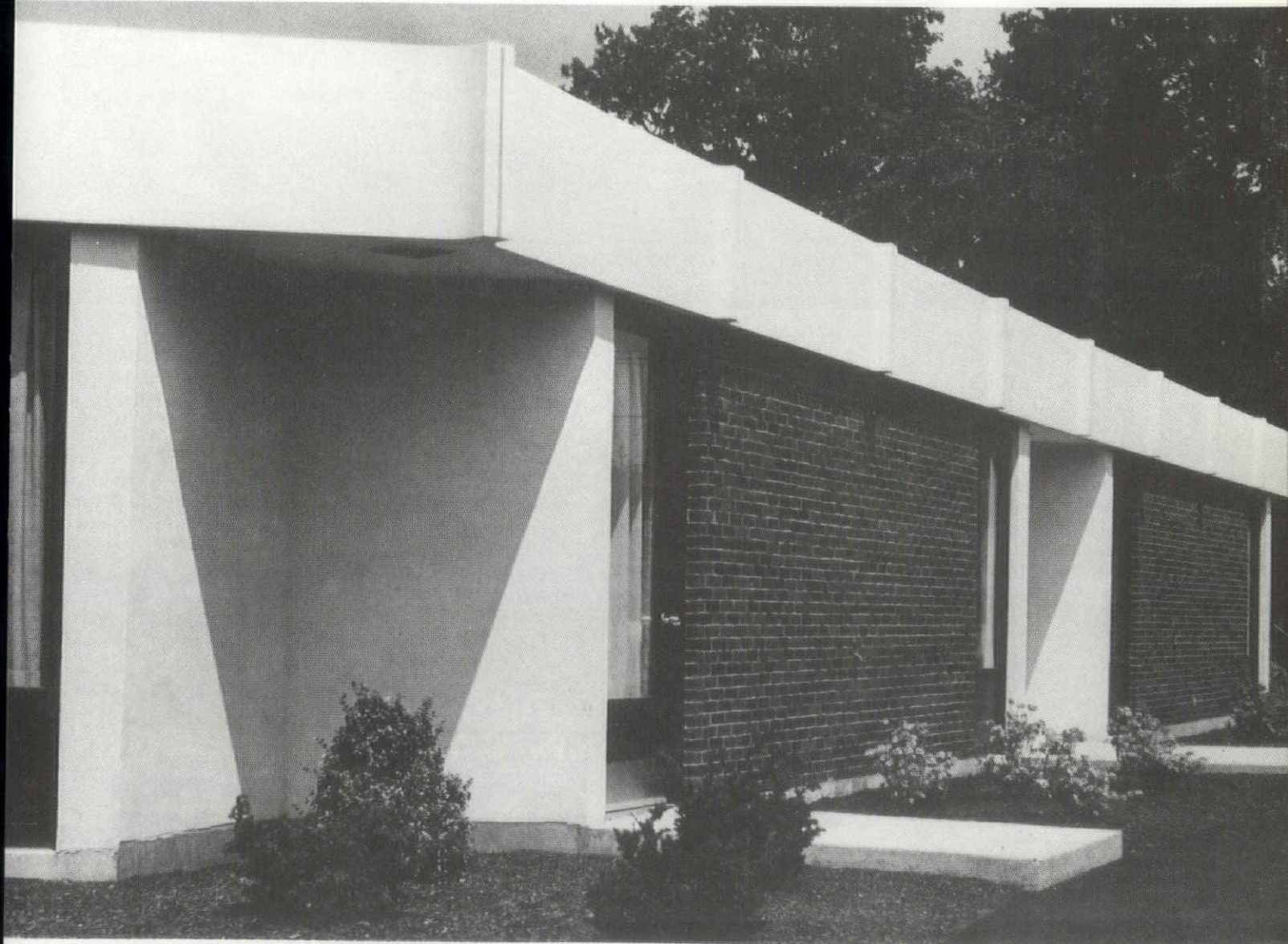
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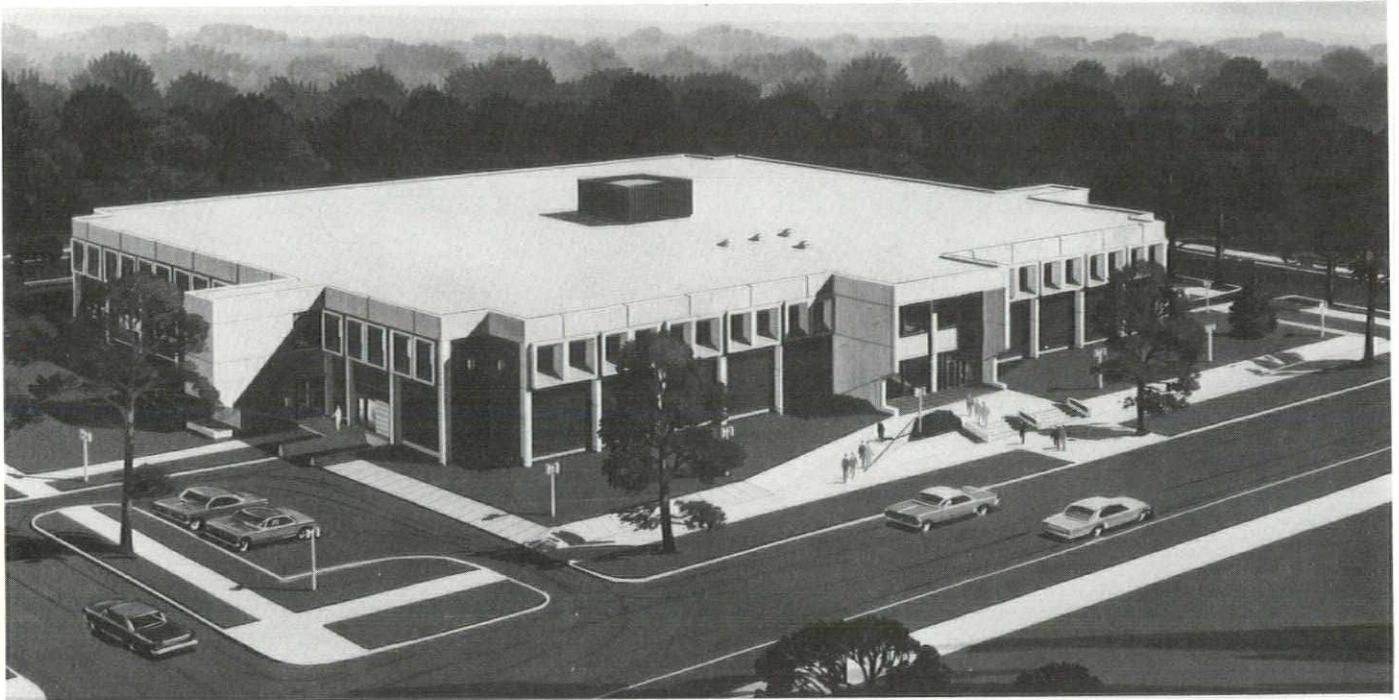
# EDUCATION BUILDING ST. CLOUD STATE COLLEGE

ST. CLOUD, MINNESOTA

**ARCHITECT:** Traynor, Hermanson & Hahn, Inc. — St. Cloud, Minnesota

**ENGINEER:** Johnston-Sahlman, Inc. — Minneapolis, Minnesota

**CONTRACTOR:** George Madsen Construction Company, Inc. — Minneapolis, Minnesota



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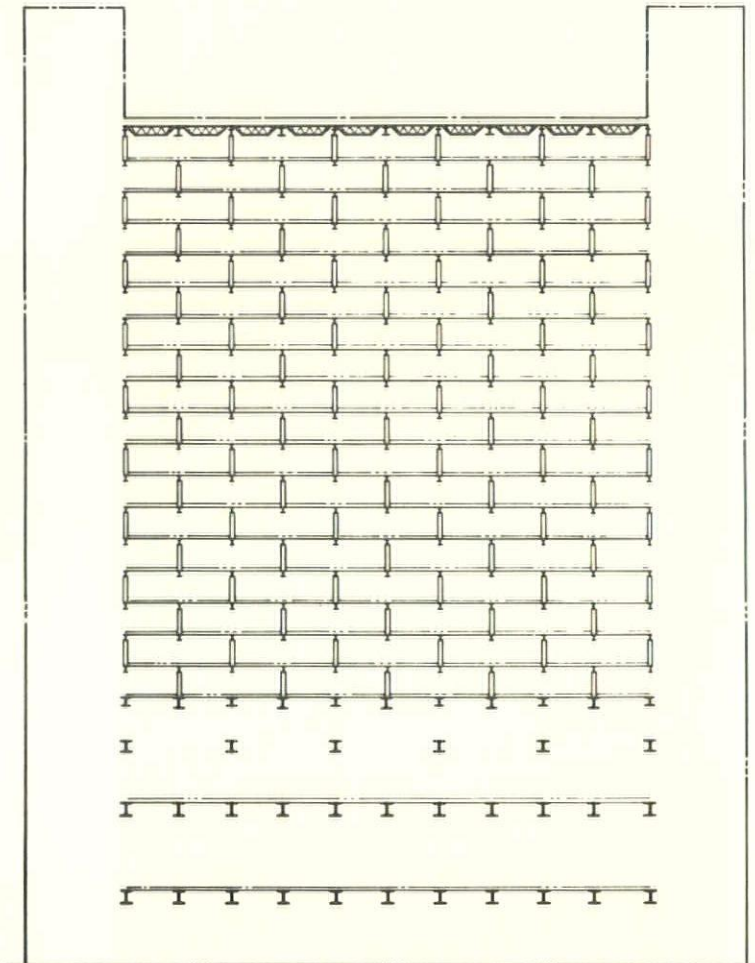


# Radisson South chose structural steel for the economic and other advantages of a story-high staggered truss system.

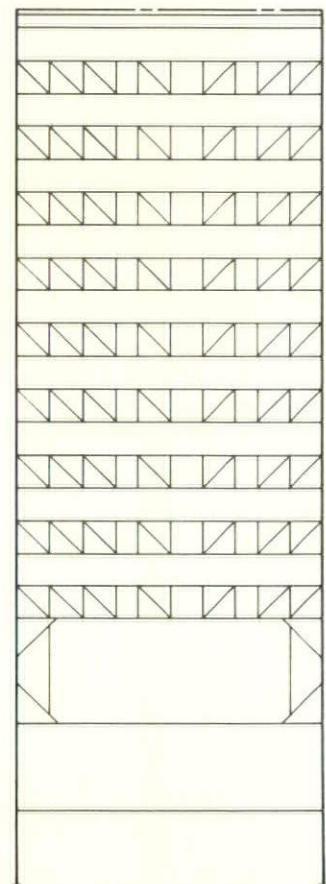


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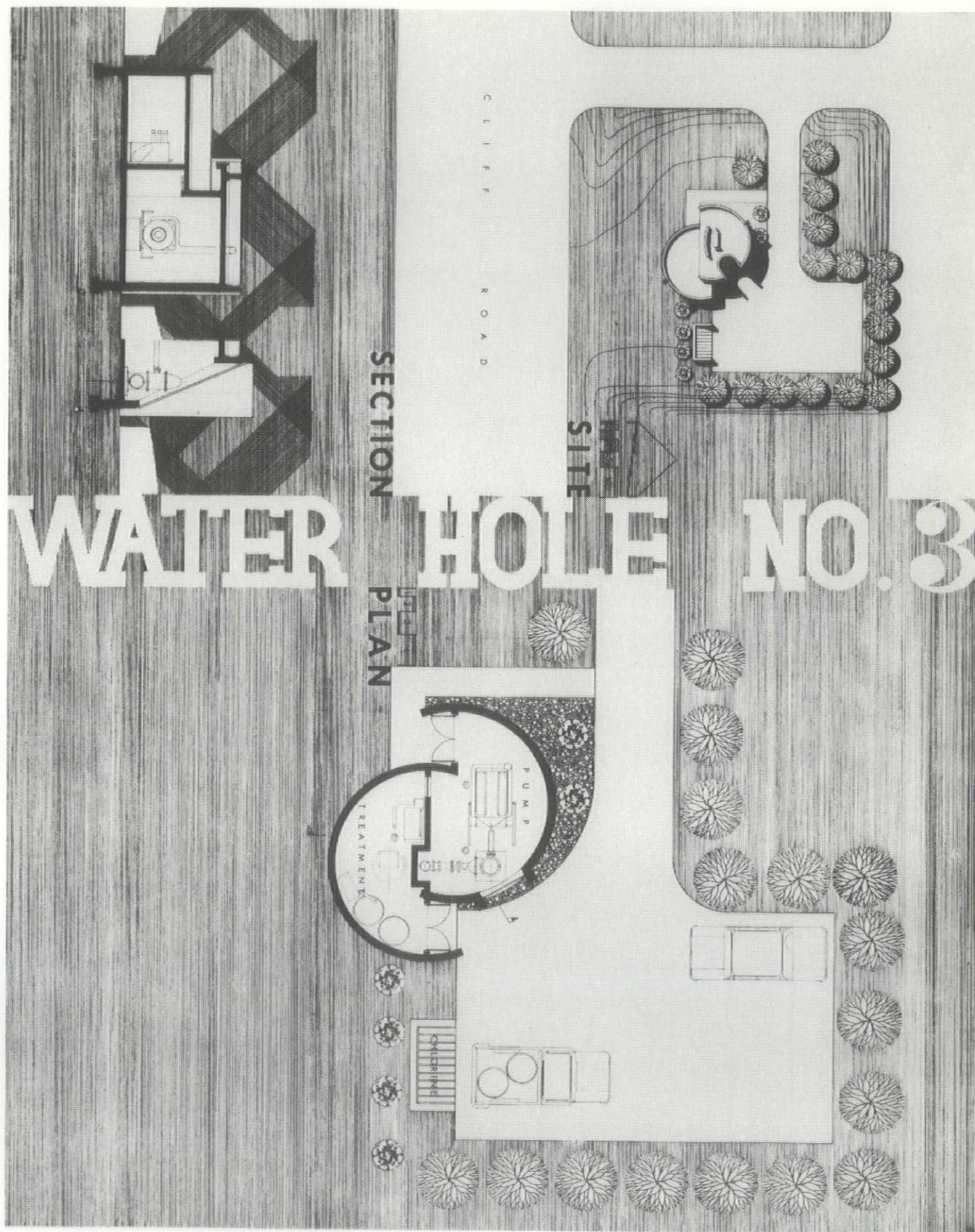


- |   |   |  |   |
|---|---|--|---|
| 1. Pump House for Deep Well #3<br>Village of Burnsville, Minnesota          | Bergstedt/Wahlberg Bergquist Associates<br>St. Paul, Minnesota    | Orr-Schelen-Mayeron & Associates<br>Meyer Borgman & Johnson Engineers        | Peterson & Templin Construction, Inc.<br>Contractors  |
| 2. Betty Crocker Tree House Restaurant<br>Dallas, Texas                     | Cottle-Herman Architects<br>St. Paul, Minnesota                   | Frank Horner Company<br>Engineers  | Inwood Construction Co.<br>Contractors  |
| 3. Meyer Residence<br>Melrose, Minnesota                                    | Douglas A. Baird, Architects<br>Minneapolis, Minnesota            |  |   |
| 4. Residence for University Professor<br>Falcon Heights, Minnesota          | Ralph Rapson and Associates<br>Minneapolis, Minnesota             |  | Paul Larson Construction Co.<br>Contractors   |
| 5. Residence for D. W. Kostohryz<br>Arden Hills, Minnesota                  | George E. McGuire, Architect<br>Planner<br>Minneapolis, Minnesota | Donald F. Geng<br>Frances Feyereisen<br>James D. Wolverton<br>Engineers      | Contracts by owner  |
| 6. Dean Dow Residence<br>Edina, Minnesota                                   | Hammel, Green and Abrahamson<br>St. Paul, Minnesota               |  | Joe Peterson Construction Co.<br>Contractors  |
| 7. West Campus Housing Complex<br>University of Minnesota,<br>Minneapolis   | Griswold and Rauma, Architects<br>Minneapolis, Minnesota          | Johnston and Sahlman<br>Ofstedal, Locke, Broadsten & Associates<br>Engineers |   |
| 8. Administration Building<br>Moorhead State College<br>Moorhead, Minnesota | Thorsen & Thorshov<br>Minneapolis, Minnesota                      | Vernon L. Solien<br>W. J. Sutherland and Associates<br>Engineers             | J. E. Krief & Sons<br>Contractors   |
| 9. West St. Paul Municipal Center<br>West St. Paul, Minnesota               | Grover Dimond Associates<br>St. Paul, Minnesota                   |  | James Steele Construction Co.<br>Contractors  |
| 10. St. Matthew's Catholic Church<br>St. Paul, Minnesota                    | Freerks Sperl Flynn<br>St. Paul, Minnesota                        |  | Sheehy Construction Co.<br>Rascher Plumbing & Heating<br>Kostka Electric Co.<br>Contractors |





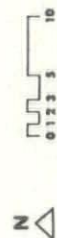
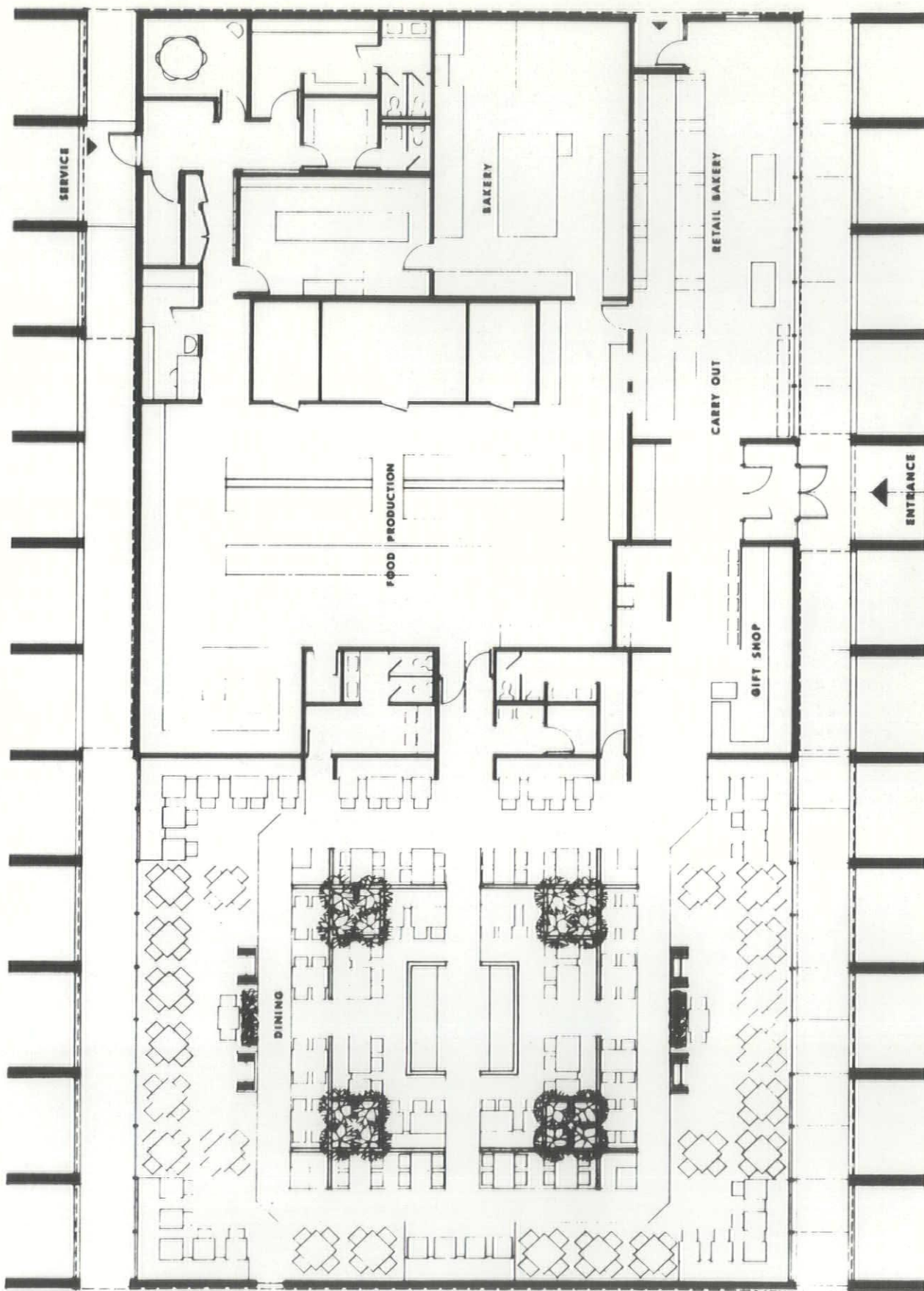










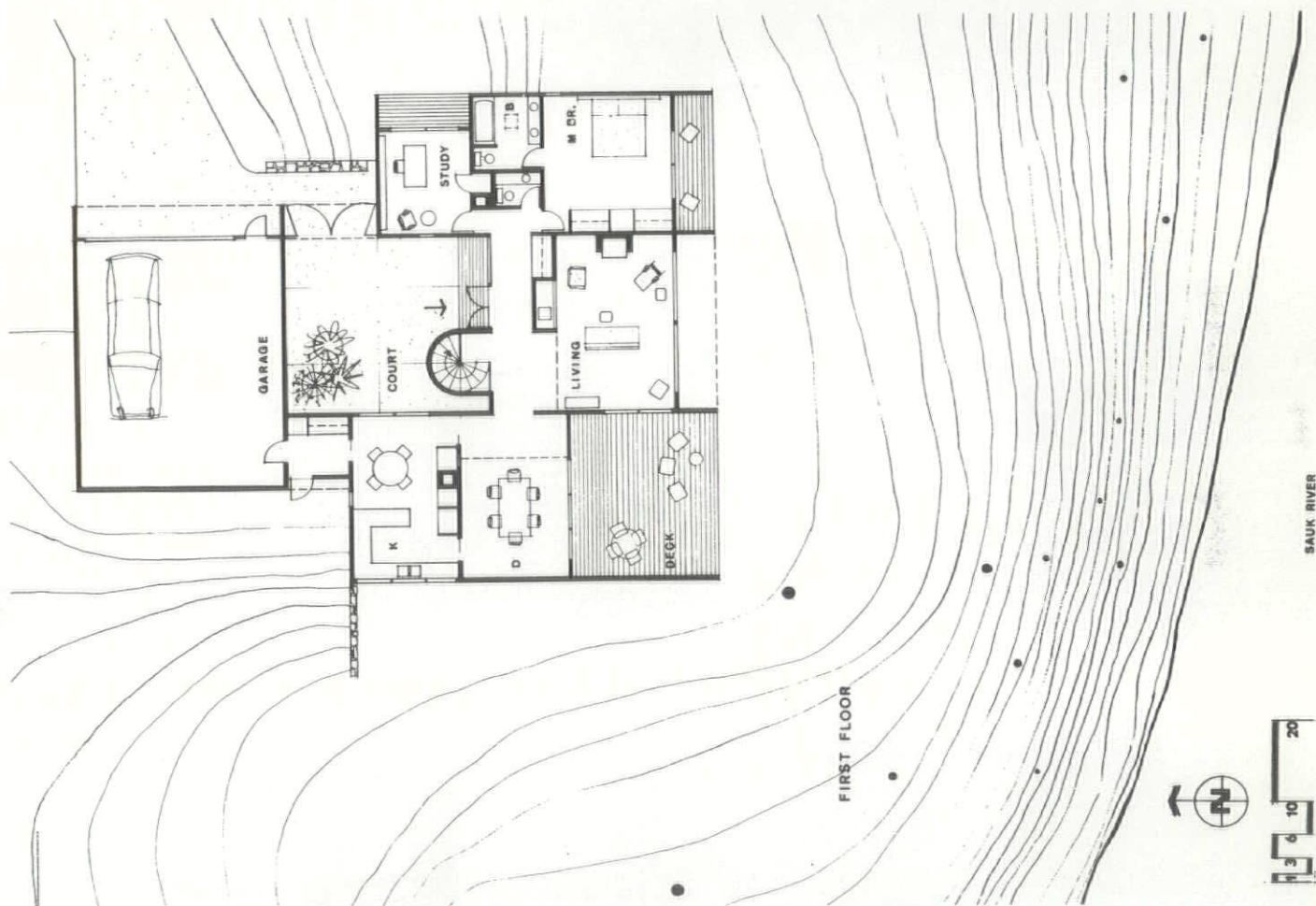


2 FLOOR PLAN





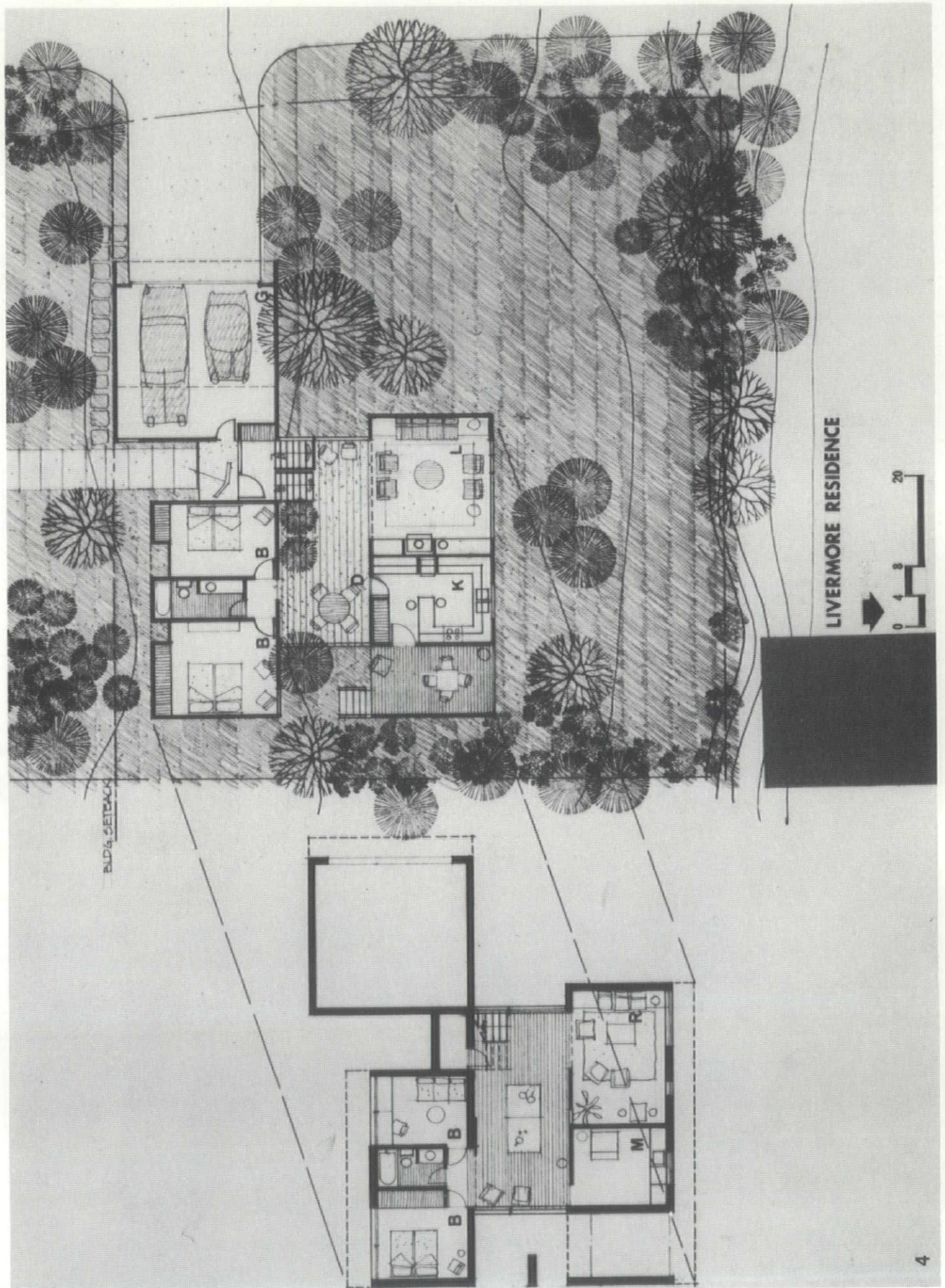




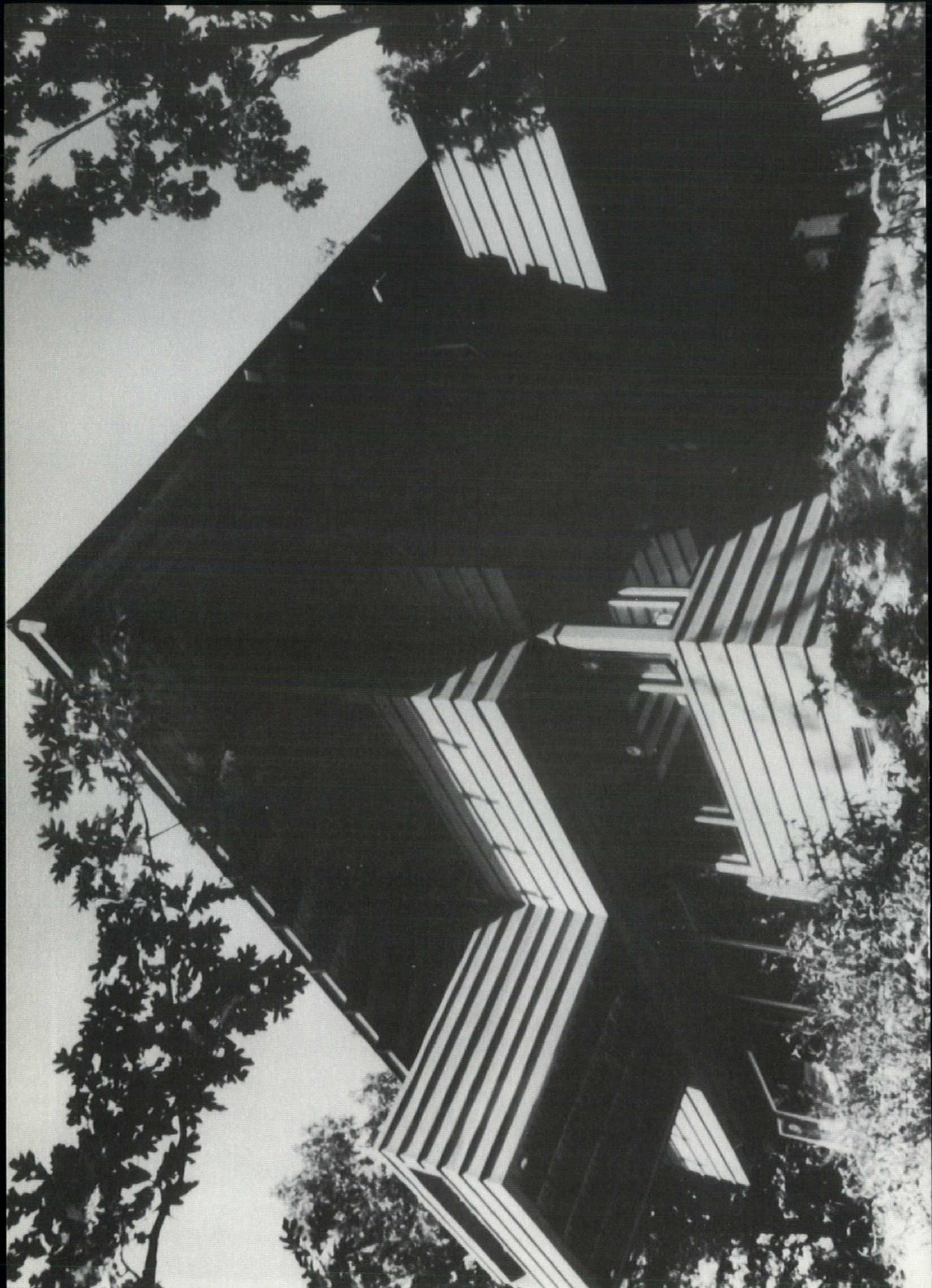




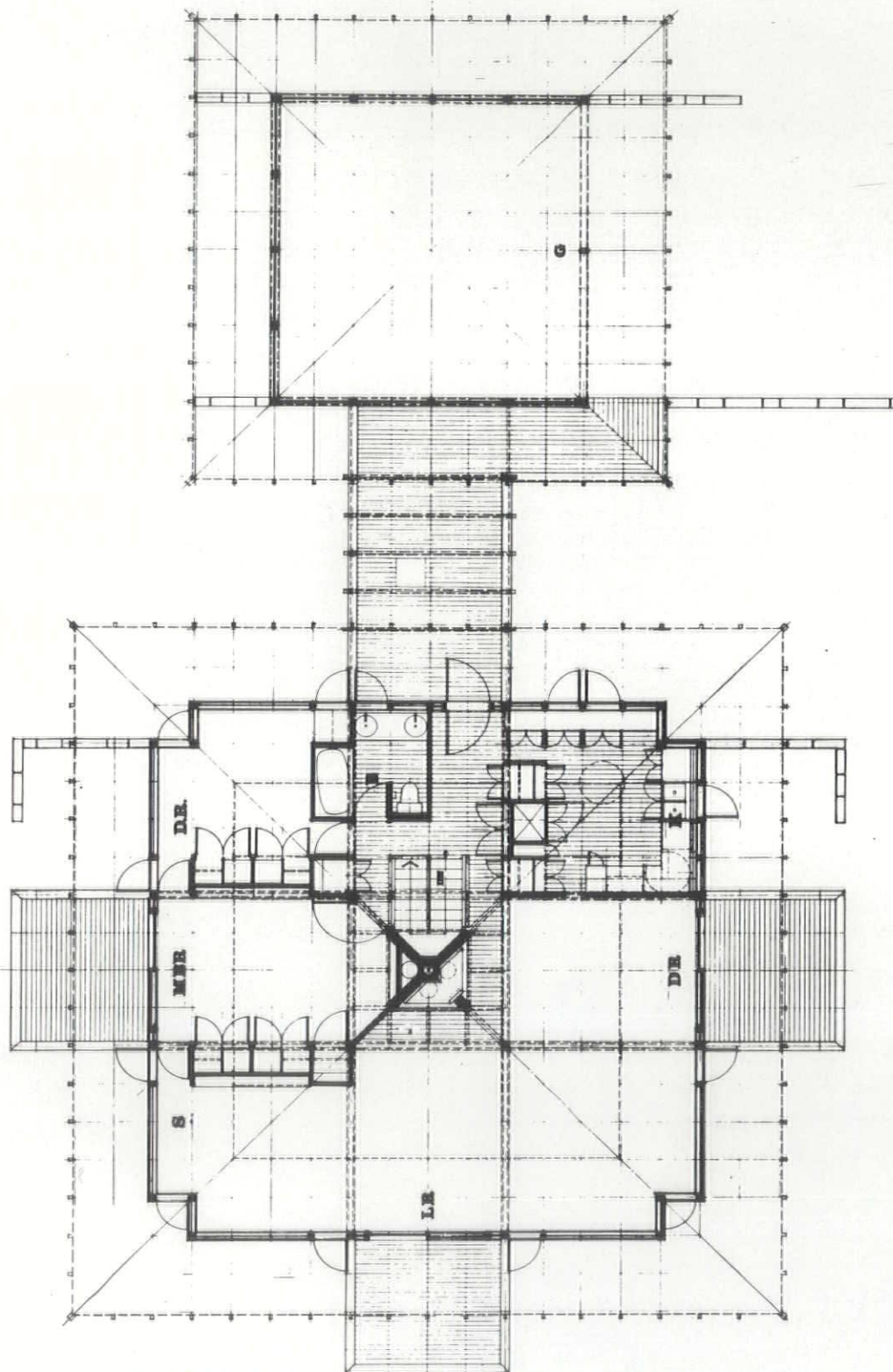








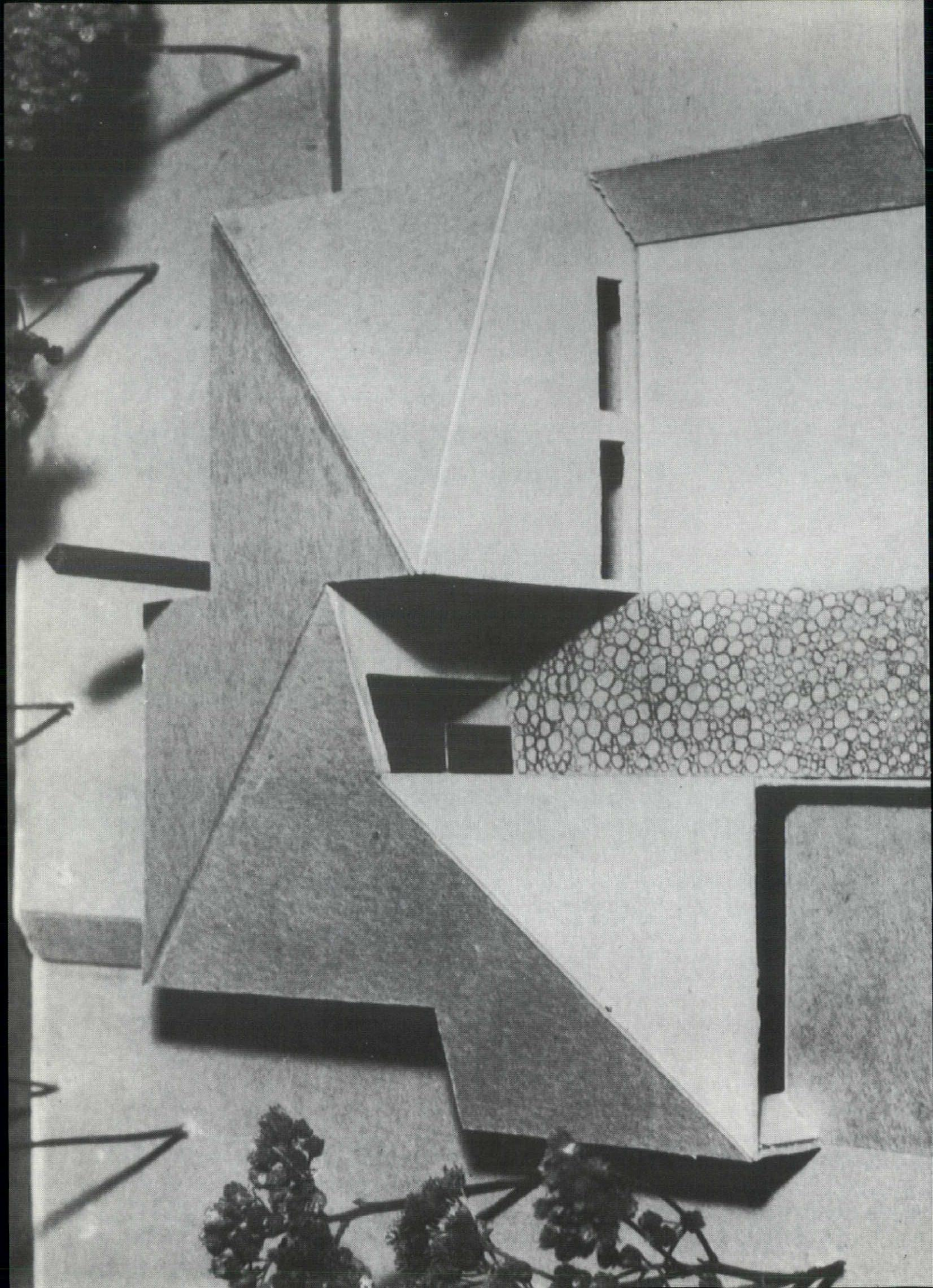




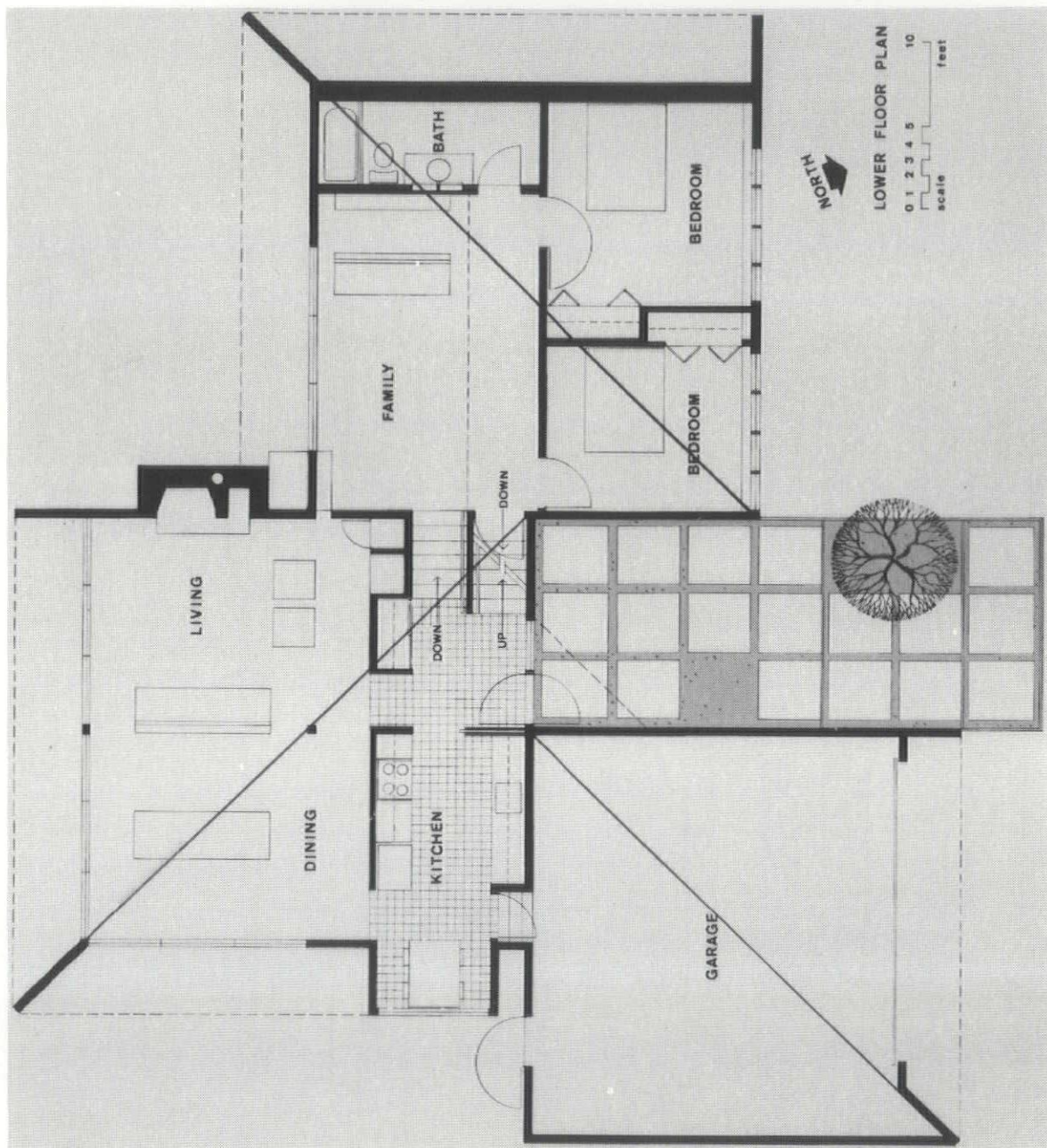
FIRST FLOOR PLAN

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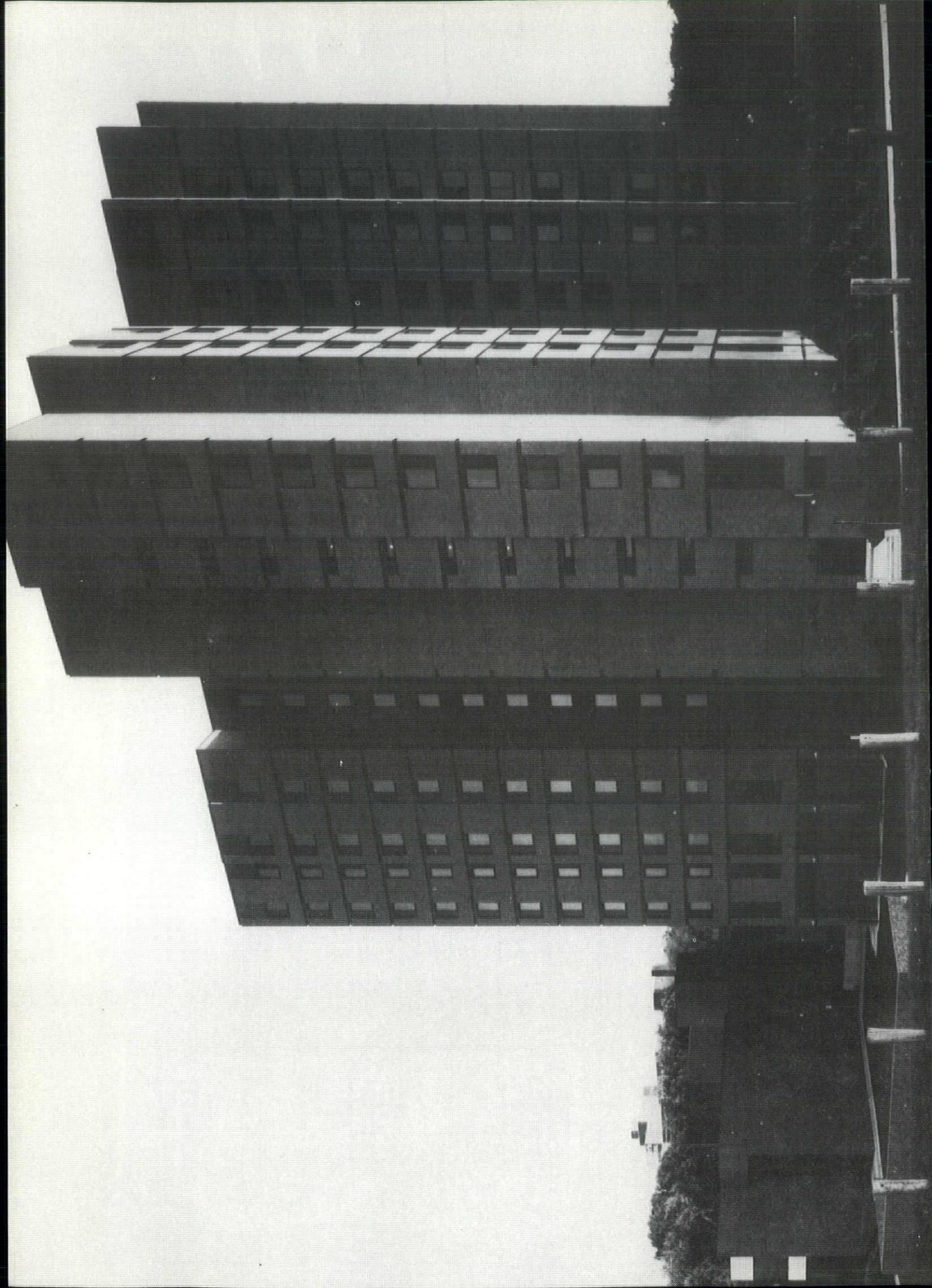












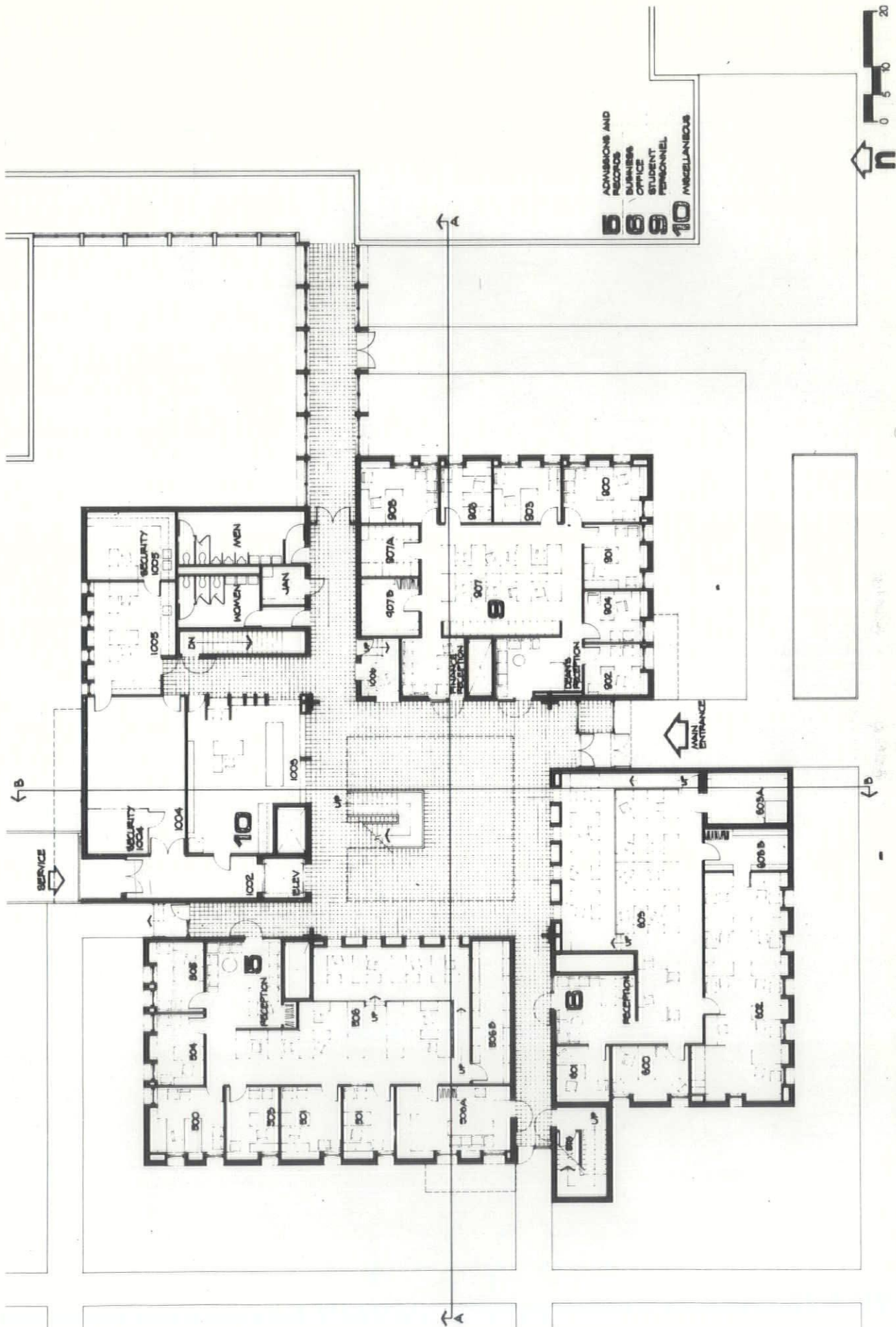






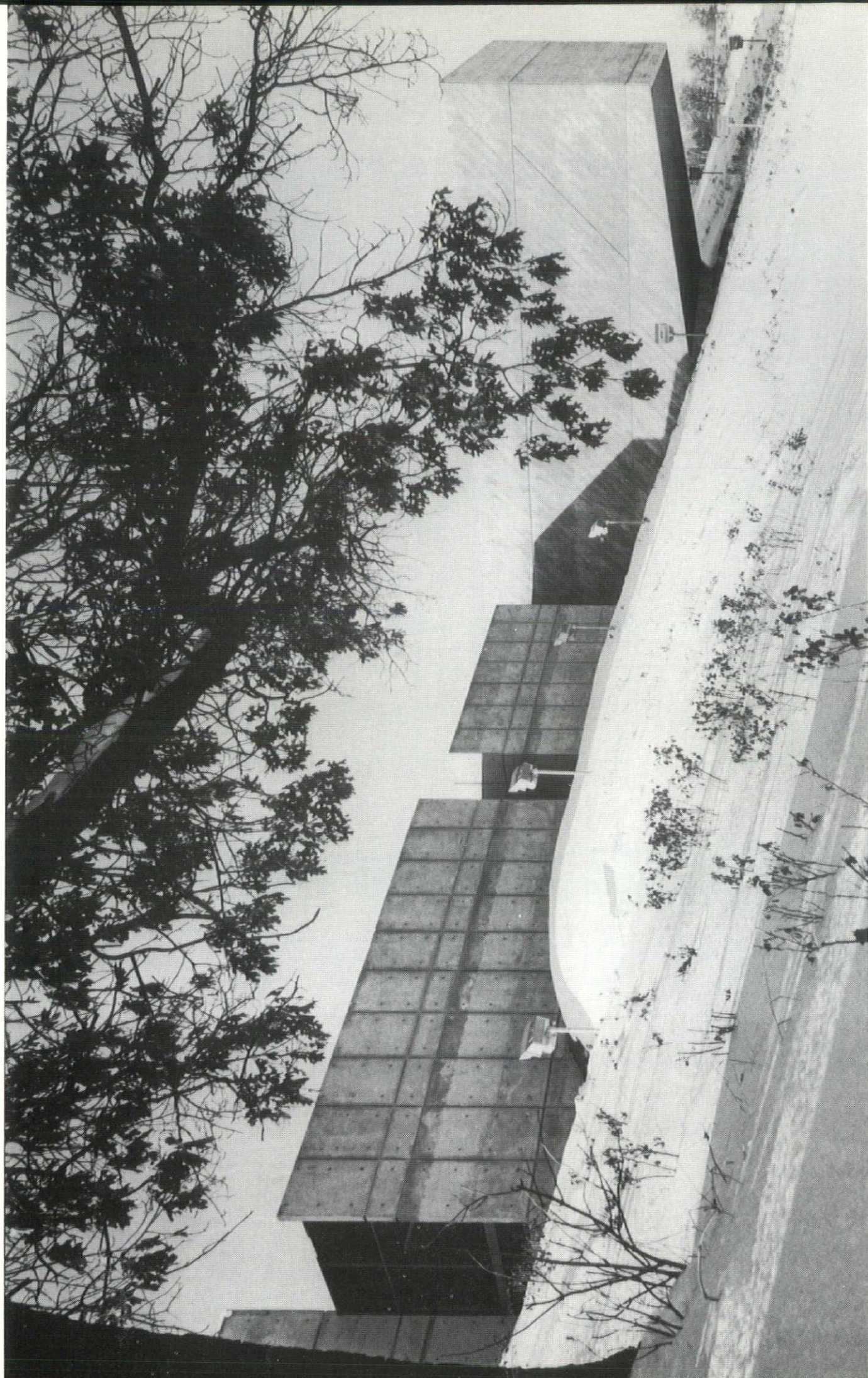




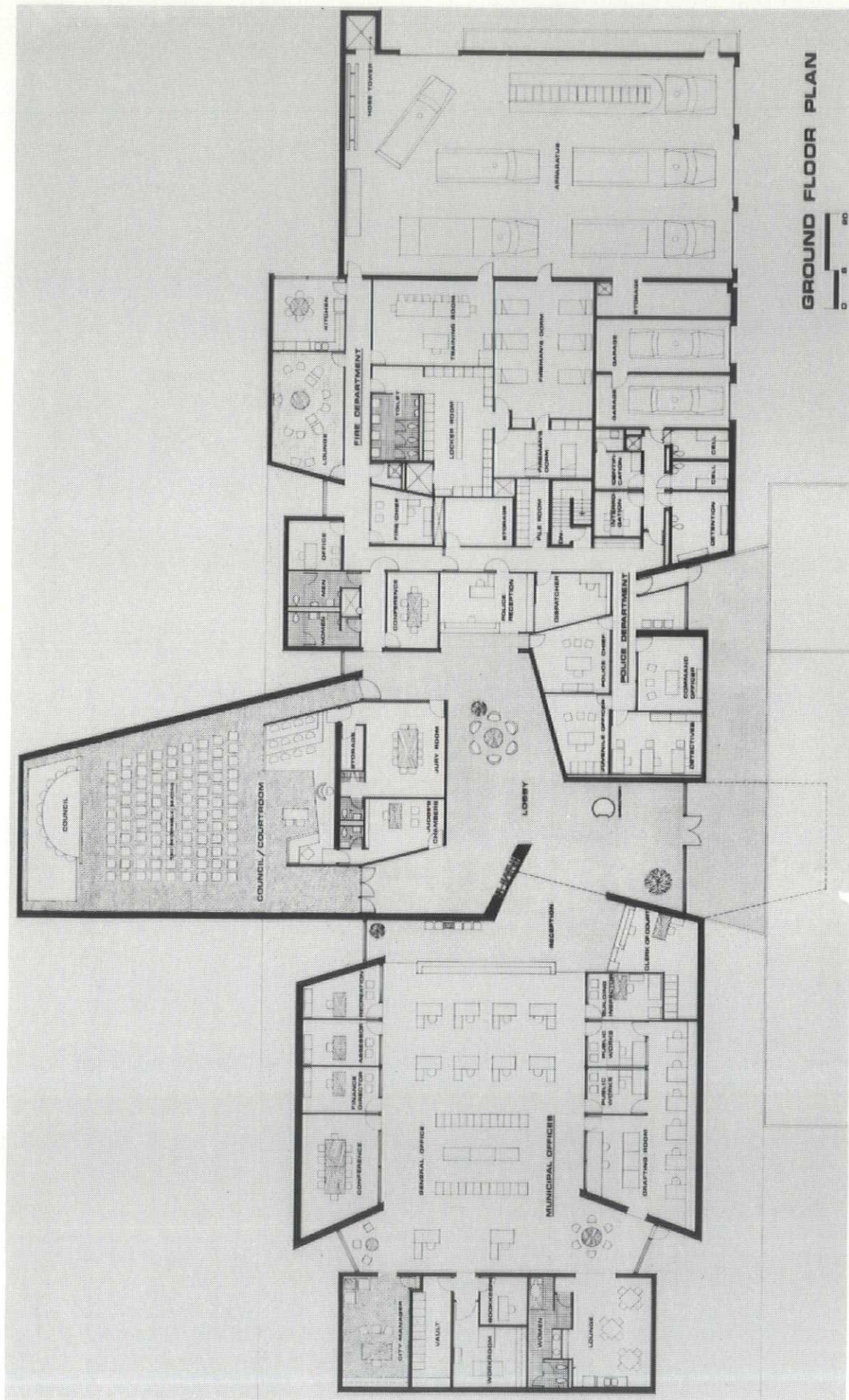


ground floor plan





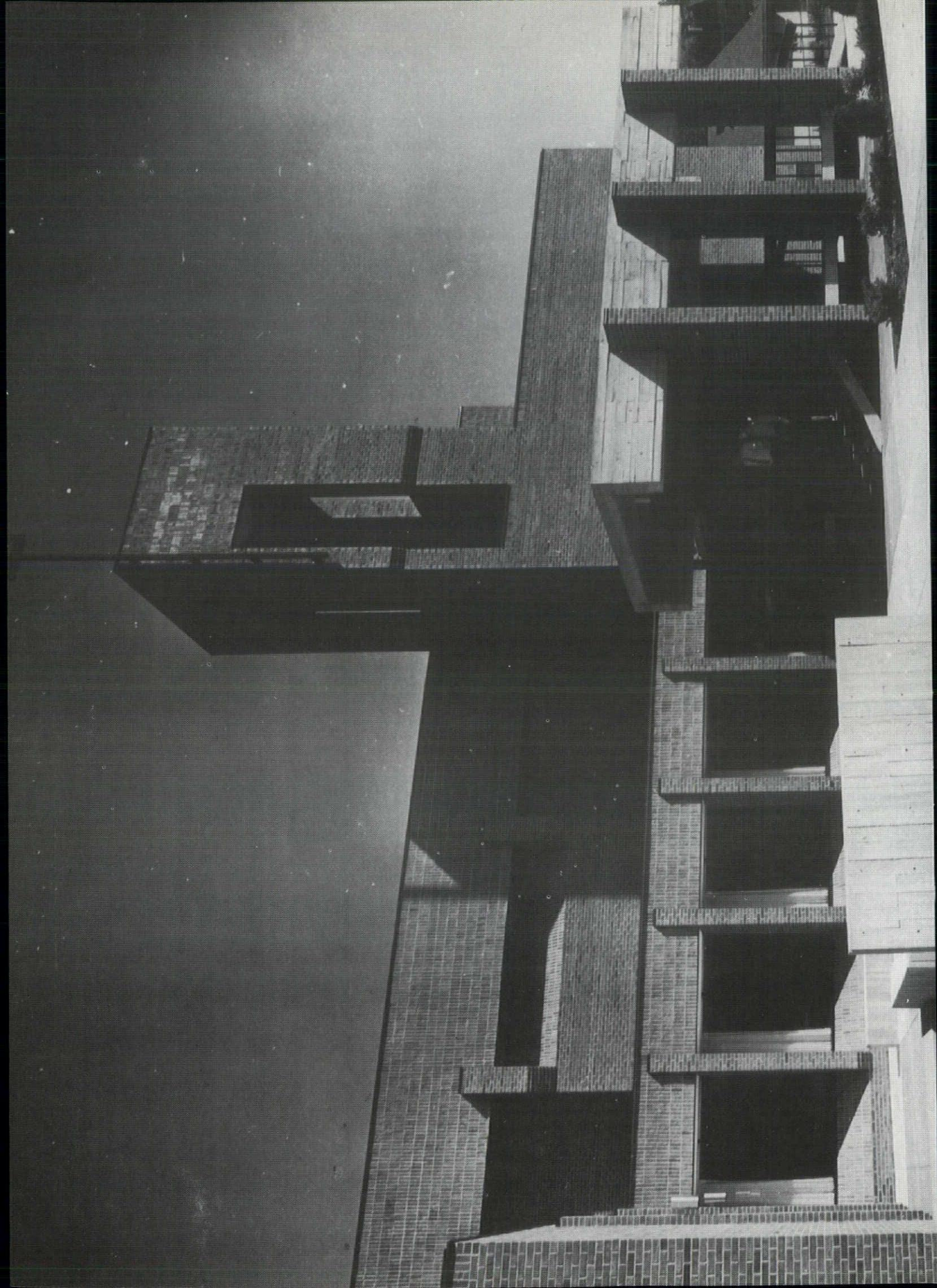




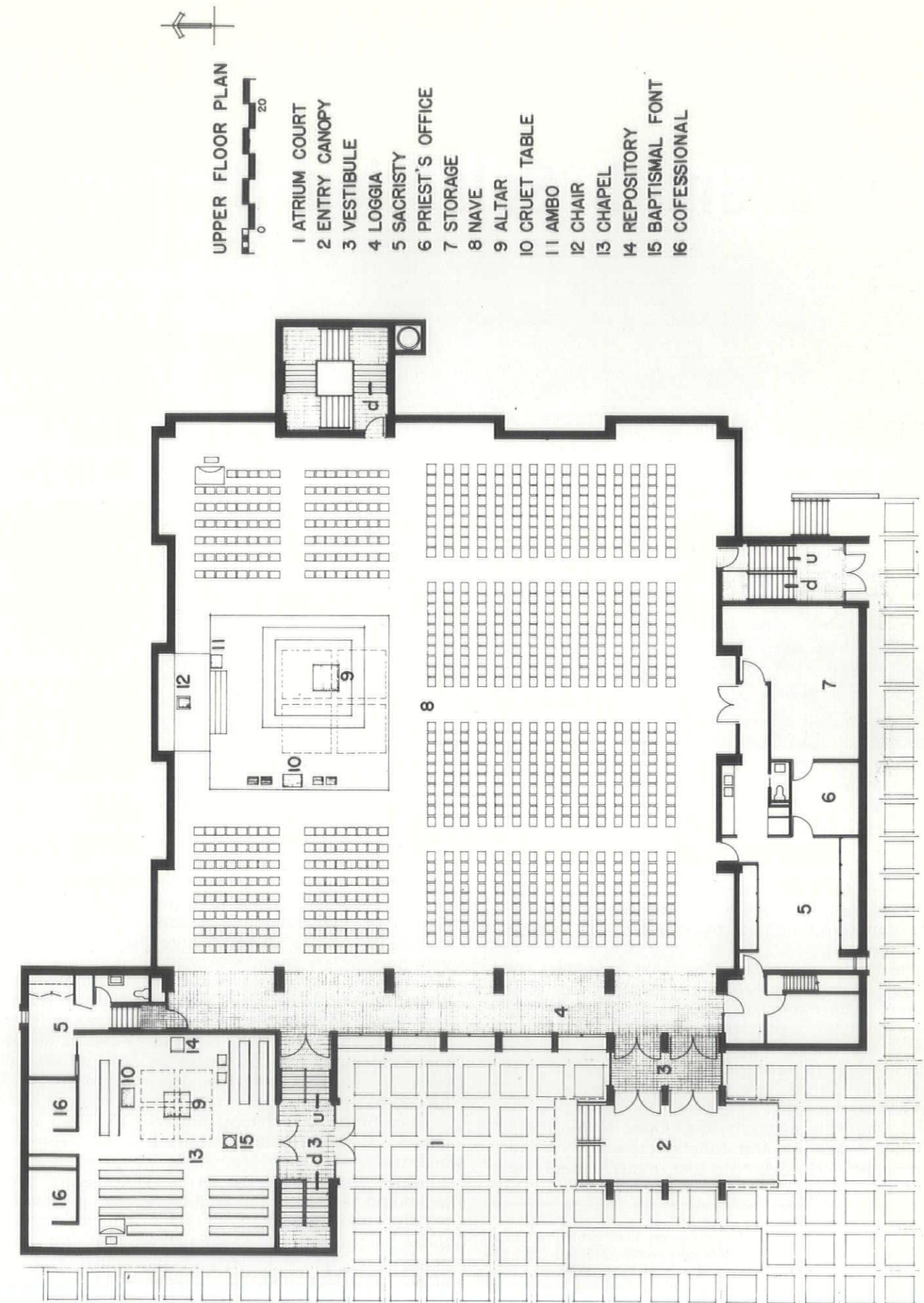
GROUND FLOOR PLAN

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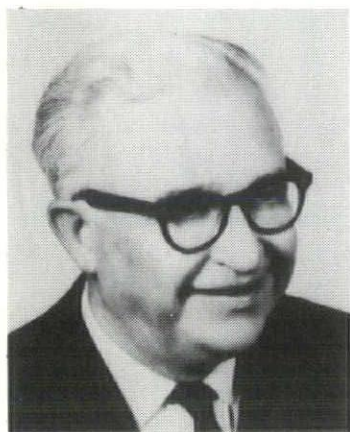








# The Smith Selection System



Mr. Smith

**LINUS BURR SMITH** is a big, genial man with the easy manner of a westerner and a kind of shrewd sophistication which he acquired presumably from functioning in the milieu of a university. Until he retired recently he was the dean of the school of architecture at the University of Nebraska in Lincoln.

The State of Nebraska is building a new state office building in Lincoln, a close neighbor of the famous state capitol which was designed by Bertram Goodhue in the late '20's. This tall tower is surely the most widely known of any work of architecture in Nebraska and is the pride of the state and particularly of those who live in its shadow in Lincoln.

So when the necessity developed to provide additional space for the functionaries of the state government, Burr Smith and many others were

understandably eager that the design of the new edifice should qualify on two particular counts. First, it should relate well to the capitol without presuming a competing role. Second, it should be such good architecture as to be a worthy companion to the noble tower. The question then became that of how to select an architect who would give as secure an assurance as possible that the job would be accomplished.

A committee from the state's unicameral legislature ultimately had the responsibility of choice. They agreed that the work should be done by an architect from the state of Nebraska and this decision raised no objections among the architects or the other citizens of the state.

Burr Smith went to see the committee and the governor. He wanted to be sure that the architect would be first of all the best architect available, not the best politician. He also wanted the legislative committee to tap the resources of wisdom among people who know the difference between good and not-so-good architecture.

What he proposed was this: that three respected architects from outside the state of Nebraska be invited to come to Lincoln where they would interview the architects who wished to undertake the commission and would make the selection. The elders in the state house agreed up to a point. The three architects could be invited and they would do the interviews but they were to report three names to the committee in order of preference. The expenses and a modest honorarium were funded.

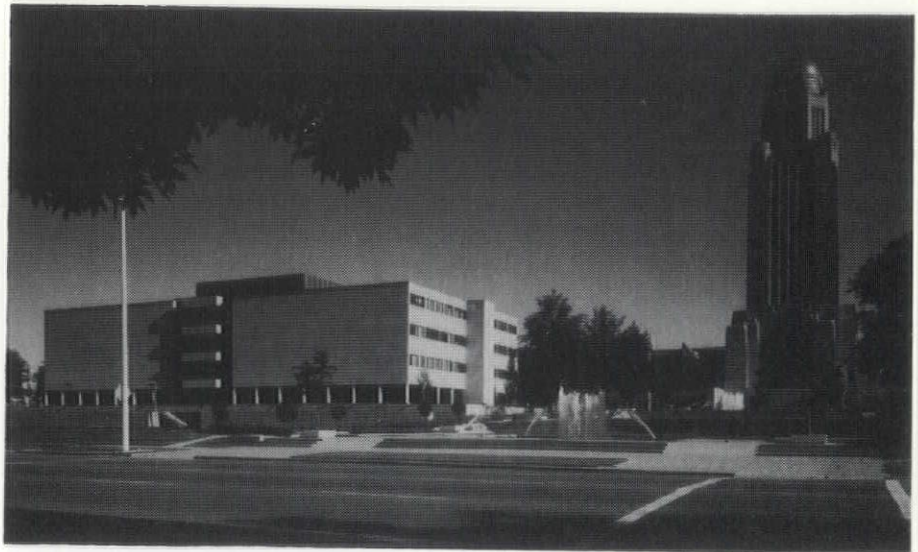
Burr Smith was happy enough. He then considered the other people involved — the Nebraska architects. The idea seemed to them to be good so he assembled a list of possible jurors and submitted the list to the architects, asking them to register their objections if they thought any of those he named would be other than fair and competent. The list focused on three men, Fellows of the American Institute of Architects. All three were from midwest states.

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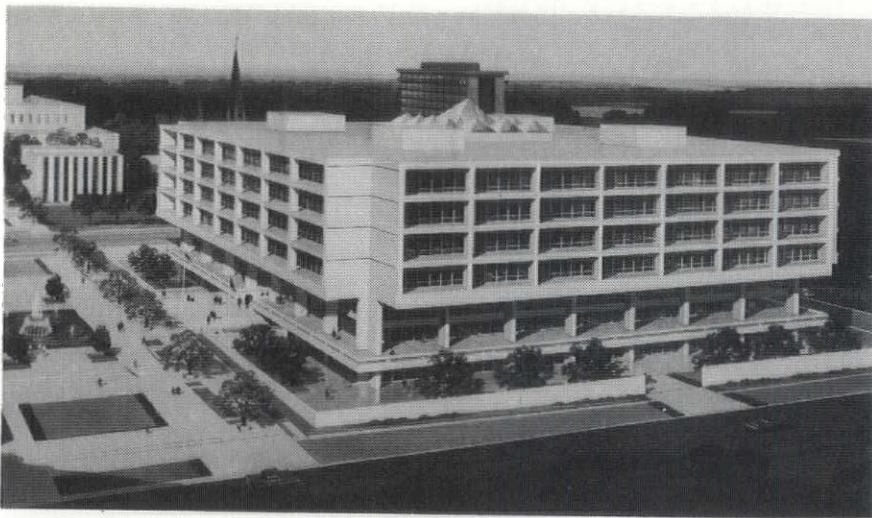
We here tell the story of how the architects for the State Office Building in Lincoln, Nebraska, were selected through a process that ought to bring the best possible work. The process is adaptable to architect selection for many public or quasi-public institutions.



**The Nebraska capitol**



**The office building shown  
in a rendering.**



In time the jury gathered, spent three days together in conversation, in looking at the site and Goodhue's monument and in interviewing sixteen candidates for the work. Their deliberations led to the list of three names requested. The legislative committee awarded the project to the candidate first named and at last report the work was moving properly.

One can hardly help coming to the conclusion that this pattern of selection, which is here named the Smith Selection System, was extraordinarily good. The architects who were candidates like it, they could talk the language of the profession and know they were being understood and they had the sense that they were being judged on architectural, not political, grounds. The legislators and

governor like it, they had the best possible assurance that a good building would result and they were able to delegate some of their work to people whose competence was not disputed. It was efficient, clean and quick.

It is a system which, with modifications according to the circumstances, could be used effectively by public bodies of all sorts — counties, cities, school boards, churches and other quasi-public institutions — and, if it were used, there is considerable likelihood that the architecture of our institutional and government buildings would be better than it is now.

**E. A. Sövik**



# About Our Cover

The Ecology Flag shown on our cover was developed to contain a great deal of symbolism, as it combines a square, a circle, an ellipse, an "e" and an "o." Each of these parts of the design has its special meaning when used in the complete ecology symbol.

The square field used represents the expansion of the contained units into the field of ideas, growing out of actual experiences. The circle is widely used for a number of interpretations of wholeness or completion. Balanced, it represents a harmonious unity, as in the elements of Yang and Yin in Chinese legend, also to represent the known and the unknown as they blend. The circle and the letter "o" have many things in common and words starting with this letter can be picked out to satisfy any

interpretation one desires, in the case of ecology they would all be the "good" things.


The ellipse as the completely closed curve on which the distances of any point from two points within its called the foci always have the same sum has led to many philosophical interpretations, many of which fit well into the needs of our ecology. It is fitted into the symbol with the letter "e" in lower case, which has been used because it is the feminine aspect of nature. As the first letter in the word "ecology" it carries special significance and here again the dictionary will supply the searcher with many words to support the ecology theme.

The colors of the flag-symbol are obviously those of life and healthy growth.

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## THREE NORTHWEST ARCHITECTS EARN FAIA

Three architects from the Northwest are among the 62 AIA members who will be advanced to Fellow during the convention in Detroit, the investiture taking place June 21. Named fellows were Frederick J. Bentz and John G. Rauma, both of Minneapolis, and William P. Wenzler of Milwaukee.

The new appointments bring to 990 the membership of the College of Fellows, election to which is second only to the AIA Gold Medal in degree of honor. Selection is based on several categories, including outstanding design accomplishments, service to the institute, etc.

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# CSI NEWS

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INSTITUTE

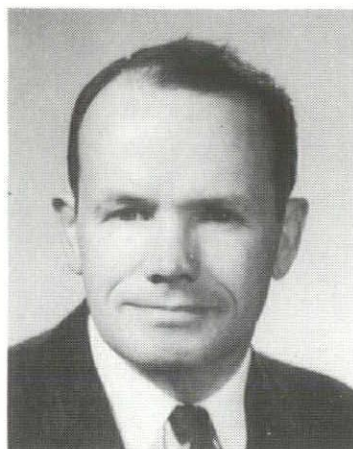
MINNEAPOLIS-SAINT PAUL CHAPTER

dustry at large. The selections are made annually by the Institute's Jury of Fellows.

Brock received his fellowship for "Achievement in Service to the Institute." He is well known in the Minnesota construction industry and is vice-president-treasurer of the Brock-White Company, construction materials distributor, was a member of the Minneapolis Builders' Exchange board of directors from 1963 to 1968 and its 1968 president. His CSI activities in the past have included Minneapolis-St. Paul Chapter secretary 1960-1962 and institute long range planning committee 1969-1971. He is presently completing a three-year term as North Central Section Director.

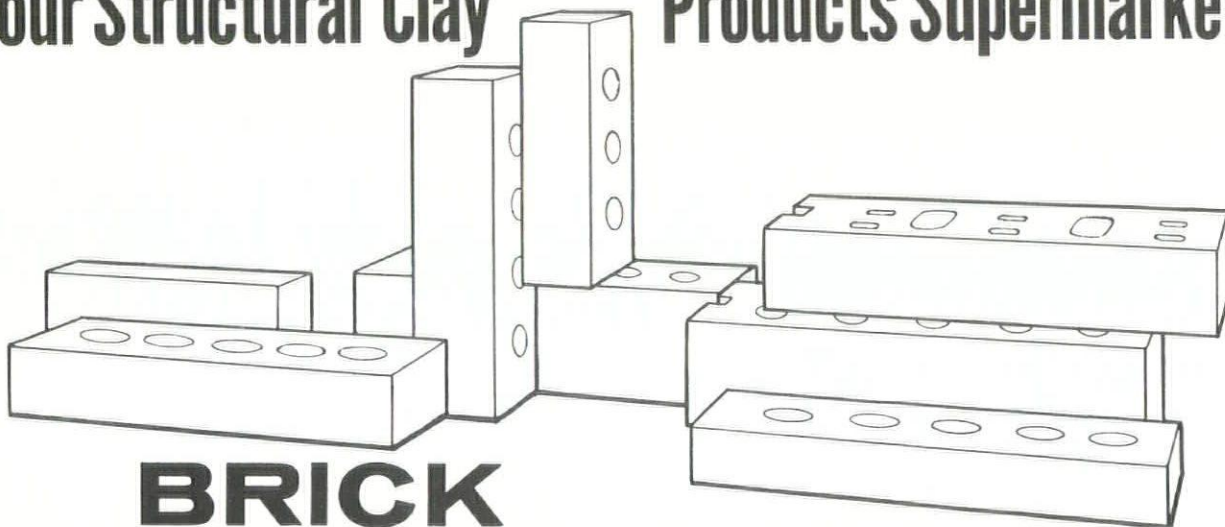
## BROCK ADVANCED TO FELLOW

Wayne C. Brock, newly elected national vice-president of the Construction Specifications Institute, is among 11 outstanding individuals from the construction industry who were advanced to the rank of Fellow in The Construction Specifications Institute at CSI's annual convention in Anaheim, Cal., June 7-9. The Fellowship Award, first presented in 1959, is awarded each year to an undetermined number of individuals who make outstanding contributions to the institute and to the construction in-



Mr. Brock

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## TWIN CITIANS ELECTED TO NATIONAL OFFICES

Wayne C. Brock, vice-president of Brock-White Co., has been elected a vice-president of CSI and M. Lee Dablen, FCSI, secretary of Hammel, Green and



Mr. Dahlin

Abrahamson, has been elected secretary of the Construction Specifications Institute.

Neither man is new to the institute board. Brock industry member for Minneapolis-St. Paul, will complete a three-year term as North Central Section Director on June 30. Secretary Dablen served as Director, Region 7, 1964-69. In 1970 he served as chairman, Region and Section Boundaries, ad hoc Committee. He was made a CSI Fellow in 1967 and as secretary will serve a two-year term.

Arthur J. Miller, FCSI, Cincinnati, was President. His term will begin on July 1, 1971. Miller will succeed Ben F. Greenwood, FCSI, Houston. Two other vice-presidents were elected, John C. Fleck, FCSI, Indianapolis, and Philip J. Todisco of Boston. Robert E. Simpson, Bethlehem, Pa., is currently serving as Treasurer and will continue in office.

Newly elected directors of the North Central Section (to succeed Brock) is Milton C. Potee, industry member, Chicago.

## SOCIAL PROGRAM FOR 1972 CSI CONVENTION IS SET

Preliminary planning for social events for the 1972 CSI national convention is now complete, according to Clint Tladland and Jim Kellett, Co-chairmen of the host chapter convention committee.

The convention dates, June 19-21, 1972, will be filled with sleeves-up, working type sessions in the Minneapolis Convention Center but conventioners will be treated to "relaxation Minnesota style" during their free time. Opening social event will be the host chapter reception on Sunday evening in the Convention Center. Concurrent with that event will be a teen mixer, also in the Center.

Because 1972's convention will be the first one scheduled after schools are out for the summer, it will be the first to offer a Teen program. Larry Klick, aided by more than a dozen CSI wives, has planned a terrific program for the youngsters, including a canoe outing on Minnehaha Creek and a beach party



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and regatta on Lake Minnetonka.

Marilyn Brock and Bill Hall, co-chairmen for the ladies' program, have completed preliminary arrangements for a Monday luncheon featuring Dear Abby and a Tuesday brunch in the Minikahda Club or lunch at the Edina Country Club in conjunction with a tour of General Mills' famous Betty Crocker Kitchens. They were ably supported by a planning

group of several dozen members and wives.

Other social activities include the previously announced "Evening in the Country" party at the beautiful Lafayette Country Club on June 19 and the President's Reception and Banquet on June 21, the convention's final day.

More than 2,500 CSI members, wives, families and exhibitors are expected to make the trip to the Twin Cities for this 16th annual convention, fast becoming one of the construction industry's most comprehensive shows. Organization of the many service committees, which will be necessary for an event of this size, will begin among Minneapolis-St. Paul Chapter members this summer with briefing and training sessions to be accomplished with "sociables", 90-minute working luncheons or dinner meetings during the fall and winter months.

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the environment was a strong influence in the jury's decisions," the report pointed out. "Two of the entries were subterranean structures. However, neither took full advantage of this challenging, non-assertive form . . . As one juror commented:

"To serve our ever increasing population, we are ruthlessly covering the surface of our earth with a thin layer of asphalt and structures, displacing the natural surface with man-made skin. Not every man-made container deserves the right to assert itself as an object on the landscape. As much as non-assertive building structures would calm the prevailing, but seldom appropriate, architectural exuberance and heroism, they will not shrink the man-made skin of the earth. The need for underground structures to contain certain functions can be established with great validity."

" . . . the jury was struck with the lack of both quantity and quality of entries in the field of education, housing and urban design . . . The informal comment of the jury was, in summary, that the elimination of non-physical constraints such as antiquated bureaucratic procedures, codes and other paraphernalia of the development procedure would enable architects to produce vastly better work in housing design.

"The entries for private homes revealed a high level of form innovation, yet addiction to fashionable design cliches persisted."

The AIA 25-year Award, presented only once previously and then to Rockefeller Center in 1969, created a great deal of interest this year when it was awarded to Crow Island School in Winnetka, Ill. Crow Island was a radical departure in school planning when it was commissioned in 1940 and the years which have followed have made it more and more interesting to architects, school people and others concerned with this kind of structure.

Seen as a "warm, personal and intimate school," the Winnetka school people selected the then-young firm of Perkins, Wheeler & Will and the father-son combination of Eliel and Eero Saarinen to design a new elementary school "which permits the joy in small things in life and in democratic living." Success of this combination of talent has been evidenced through the years by a number of recognitions and publications of the school's design, climaxed now by the AIA 25-year Award.

#### SWISS FACTORY WINS REYNOLDS AWARD

Can a practical factory building be an aesthetic asset to its neighborhood and a wholesome environment for its workers? Yes, said a jury from The American Institute of Architects in its announcement that the 1971 R. S. Reynolds Memorial Award will be conferred on three partners in a Zurich, Switzerland, architectural firm. The award goes to Prof. Walter W. Custer of Zurich and his partners, Fred Hochstrasser and Hans Bleiker of Ulm, West Germany, for design of a machine factory in the Swiss village of Wattwil near Zurich. The building is part of a planned complex of plants, office build-

ings and service facilities being constructed for Heberlein & Co. AG.

The factory is a curtain wall building, with aluminum and glass panels forming the exterior. Aluminum sandwich panels are used at the corners of the building and for the lowest segment of the curtain wall. The sandwich panels have anodized aluminum on the exterior side, a layer of insulation, and untreated metal on the inside. Insulating-type glass panels, framed by anodized aluminum extrusions, form most of the curtain wall. Most of the panels have fiberglass insulating threads between the panes of glass, softening the light which comes into the plant and making the panels appear opaque from a distance.

A unique feature of the building is a sunscreen made of shaded glass and anodized aluminum. The cantilevered screen reduces glare and heat from the sun, and the structural system for the screen also serves as a maintenance platform and fire exit.

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**ARCHITECT OF THE CAPITOL  
IS NOW AN ARCHITECT**

George M. White, Cleveland architect and a vice-president of the AIA, has been appointed to be Architect of the Capitol by President Nixon and the fact that now an architect is in that position of national concern has been welcomed by architects and other thoughtful persons alike. White succeeded the late J. George Stewart, whose 20 years in the post were shot through and through with controversy as his lack of professional consideration led to dangerous situations.

To succeed White in the national AIA post the AIA board of directors has elected William Marshall, Jr., Norfolk, Va., architect, to be vice-president. Marshall has been deeply involved in policy making for the AIA and has currently been chairman of the government affairs steering committee.

Chapter publications all over the country greeted the White appointment with favorable comment, typically like this from the North Dakota Quarterly Punch List:

"This selection is one that should meet with great favor by all concerned citizens. Mr. White is an eminently qualified architect, attorney and engineer. As a several times guest of the North Dakota Chapter at meetings, he has stimulated the mind of North Dakota architects with his knowledgeable presentation on such subjects as insurance, contract documents and construction law . . . . Congratulations, Mr. White, and thank you, Mr. Nixon."

"Mr. White will bring to his position at the capitol," Pres. R. F. Hastings of the AIA commented, "not only his unique experience in several professions but also his extensive knowledge of and respect for the best in architectural design and tradition."

Outside the profession there was also considerable notice taken of the change for the better. The following was on the editorial page of the Stevens Point, Wis., Journal:

"The nation's capitol has a new architect. That would not be particularly startling news, except that the late J. George Stewart, who held the job for nearly 20 years, was not an architect."

"That was a fact which caused Stewart some uncomfortable moments, especially when the Rayburn Office Building was under way. That extravagant monument to self-indulgence will remain a Washington eyesore for many years."

"One of Stewart's last campaigns was a proposal to tear down the West Wall of the Capitol — the only original wall still standing — and add a new marble-encased wing, to include several restaurants, auditoriums, offices and committee rooms."

"The original estimate for all this was \$45 million!"

"Then an architectural firm studied the wall and decided it was not in danger of collapse and could be restored to original condition for a comparative pittance. George White, the new architect, who is also a vice-president of the American Institute of Architects, would do well to follow the advice of his fellow professionals."



# EMERGENCE

Emergence is a vertical thing, seeking to bring together several disciplines in the construction industry for better answers to the pressing problems of today. It was born, is fostered and has been put into publishable form by students in the School of Architecture & Landscape Architecture at the University of Minnesota.

The strikingly made up series of brochures, according to Steve Weeks, one of its writers, is:

"A student communication vehicle serving as a forum for viewpoints, philosophies, criticism and change. It originated from frustration with the increased mess of the school and the resulting problems associated with expansion and change of the academic program.

"The best issue came out of questioning the school, the profession, art, the faculty and human beings. It offered mild solutions, alternative paths, freedom—like chewing gum and faculty reform. Landscape student Damon Farber has been responsible for art, editing, publishing, distribution and recycling."

In the introduction to the "best issue" Damon Farber asked and suggested:

"What is important? Who is it important to? What is it? Who is who?

"Who is the people. People are 'you' and 'me' and 'them.' Priorities are the it, and that 'it' is for 'you' and 'me' and 'them.' Conse-

quently, priorities are for the people and the people create the priorities.

"Mind boggling? Not really—re-read it and think about it logically. Now, go back to your drawing boards and taking into consideration 'you' and 'me' and 'them' and 'what' and 'it' do something that reflects upon people and priorities."

Other comments on the world today were as follows, with the authors' names.

"Thesis actually becomes more a method of establishing the student's ability to practice architecture than the promised glory of exploring some imaginative design concept. Thesis has restrictions; it must be a physical structure (hopefully a precious gem); it must be a solo program (after working in teams for three years or so); it must be done in one quarter (research, program, concept, development in ten weeks—why not two quarters for a more thorough investigation?); it must be architecture, planning, landscape architecture (planning con-

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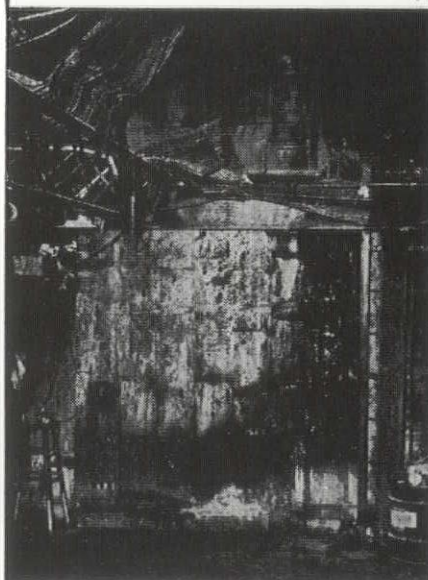
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ceptualizations of the vertical team are ignored); it must be presented to a final jury (four years of education evaluated in thirty-five minutes). Thesis exists in this form today because very seldom are alternative methods of evaluating a student's development proposed or experimented with.

"Thesis is in need of continuous review. With the advent of the master's degree the thesis will assume greater meaning for all parties—the profession, the faculty and especially the student.

"Any new thesis program should incorporate a new time schedule to allow for more intense research and analysis, a more thorough and realistic conceptual development and a greater stress on physical design. A system of reviews and interim evaluations should either replace or support the jury to better determine the educational development of the student. In keeping with the massive environmental and social problems of the society, the large scale planning thesis should be equally as valid as

the building type and greater attention should be given to the student's philosophical approach as well as the end product.

"The thesis has a place but it desperately needs a new direction and definition of its role in the future master's program. New evaluation methods can be tested now. After all, education and the profession cannot stand still for long and you will soon have to go through a thesis yourself.

"Think about it."

"The Gray Eagle"

By Steve Weeks

"It is understood then, that if we are to act we must have an insight, a deep sense of awareness of what is relevant and what is not in a design oriented process. Simply the conception of what a scheme should be will not suffice. Too often we design for ourselves and not for the client. . . .

"The importance of individuals, of sub orders, of groups has made a lasting impression on the minds of designers today. So we say to ourselves, what is the psyche of the client? What does he need

and what does he want? We ask our selves, where does he live? What are his mores and what are society's mores? How do they compare? Are they one?"

"People Are Us" by Farber

"We are not automatons but unique individuals, each made up from our unduplicable patterns of experienced events and biological processes. What becomes a meaningful learning experience for each of us can only be determined by our active participation in selecting what can be relevant to that evolving pattern of experienced events at a particular time. Knowledge itself entropies and fades out like a tenth-generation Xerox copy if it is received and transmitted passively. Only when we actively search for knowledge as a catalyst to our own thought processes and personal growth can it have any lasting meaning."

"All Knowledge Entropies and Fades Out Like" by Bender

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towards their work but the level of involvement by many of the faculty has remained the same. Because of the practical necessity of having them work as well as teach the part time design faculty is often unable to shed the concerns of their practice and become completely involved in the students' work. What if crits could take a one quarter sabbatical from work? A student-faculty project could be a beautiful thing. Maybe it wouldn't even have to be called that."

"Attitude Altitude Aptitude Attitude" by Hargens

Whether the reader agrees with all that is written or not, this is indeed an interesting and thought provoking adventure into contact by an "emerging" group and it is recommended by those who have seen the publication that others obtain copies and delve into the minds of the writers and those they represent—aiming at co-operation from their standpoint. Be sure to "recycle" Emergence, which in our book means pass it around and back!

## Earth—This Week and Every Week

What is epitomized in Earth Week must not be allowed to come up for attention and some action during only one of 52 weeks in the year and then be allowed to simmer down or fall flat on its face for, as has been pointed out, Earth is our closed environment "space ship" hurtling through space on an unknown mission. What came out during the 1971 Earth Week produced some comments worth passing along.

"One of the great mistakes that people (especially elected officials who are groping for non-committal statements) make these days is saying that certain activities are beneficial because they make the public 'ecologically aware.' By now people are as much aware as they ever care to be and, in the final analysis, awareness will not save one of us. We must get to work. That is what Earth Week is for," pointed out Mark L. Jenkins, a student in the

Williams High School in Alexandria, Va.

"On the local level Earth Week should not be a time for taking on the mammoth corporate polluters. It should rather be a time to spread the battle cry of 'recycle.' We should undertake to help people in our own communities to come as close to establishing closed systems as possible. People now throw their papers in garbage cans and buy non-returnable containers under the influence of the Great American Demigod, Convenience. . . .

"Thus Earth Week could be a time for closing the system. A time for taking the plethora of waste products and transforming them into usable products. A time for changing the 'throwaway society' into the 'recycled society.'"

"In a way that too would be an educational activity for we would be teaching the public something more important than the fact that

(Continued on page 183)

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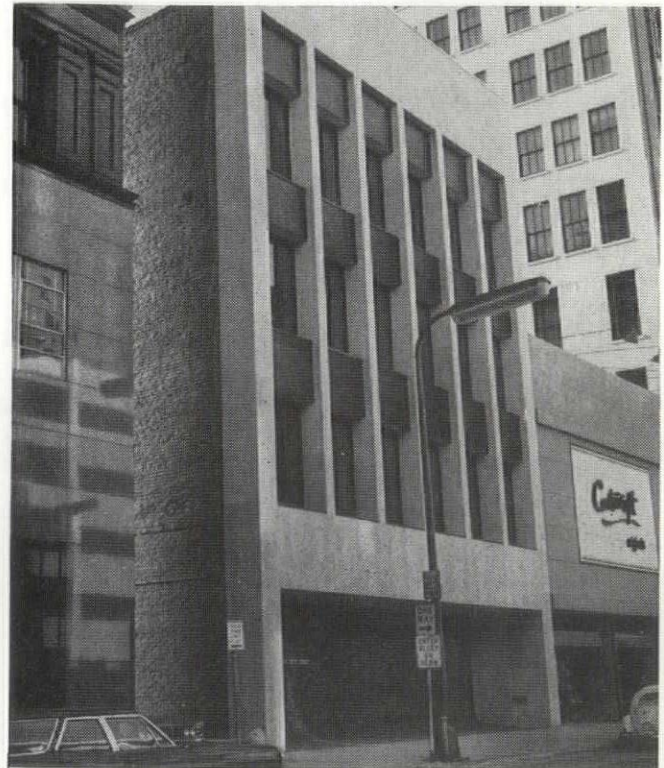


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### Area Notes

(Continued from page 134)

situated to the southeast of the inter-  
section of freeway ramps taking heavy  
traffic into and out of the city's loop.  
While at present the ramps stress the  
sight of concrete, plans for beautifying  
the area will in time add the flat green  
of grass and the interesting greens of  
taller plantings.

Setter, Leach and Lindstrom, Minne-  
apolis architects and engineers, are  
part of the group which plans develop-  
ment of a square block in Winona  
which will become an 18-hour-day cen-  
ter for a working-residential-recreation  
community. Around a central land-  
scaped plaza will be grouped two-story  
structures for shops, offices and ser-  
vice businesses and a 14-story apart-  
ment building. . . . New facilities to  
house the Harry Diamond Laboratories,  
research center for the Army Material  
Command, will be planned by **Ellerbe  
Company** of St. Paul. The \$7,000,000  
second phase work was assigned by the  
Baltimore Corps of Engineers. The site  
is about 10 miles from Washington,  
D.C. . . the Scott County Board of Com-  
missioners has hired **Patch, Erikson,  
Madson and Hanson** of Minneapolis to  
design a new county office building in  
Shakopee. . . In St. Paul construction  
has been started on the medical office  
building and parking ramp which will  
serve St. Luke's Hospital. The **Ellerbe  
Company** design calls for connecting  
the new structures to the hospital by an  
underground passageway for pedes-  
trians.

### THE DAKOTAS

Preliminary work is nearing com-  
pletion for start of the EROS Data Col-  
lection Center near Garretson, S.D.  
Joint participants in the project's plan-  
ning are **Spitznagel Associates** and  
**Fritzel, Kroeger, Griffin and Berg**, both  
of Sioux Falls. Ground is expected to be  
broken this summer on the first phase  
of the huge project. . . . **Rutter and  
Kosir Architects** have been chosen to  
plan a \$1,000,000 science building for  
Valley City State College in Valley City,  
N.D. The Bismarck and Moorhead,  
Minn., firm is presently doing the pre-  
liminary drawings.

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Foshay Tower; Minneapolis, Minnesota 55402.

NORTHWEST ARCHITECT



The Rapid City board of education has retained **Robert B. Gay**, Rapid City architect, and **Gary Alkire**, University of Minnesota Bureau of Field Studies, to work out plans for development of future construction for the city's schools. Meantime **James Ewing** another Rapid City architect, was hired to plan school annexes which will be used to alleviate current classroom shortages. . . . **Herges & Kirchgasser & Associates** recently worked with the Bowdle, S.D., school board on plans for expansion of facilities in that district's system.

#### WISCONSIN

**Owen Ayres and Associates** recently presented to the Arcadia city council comprehensive plans for the future development of and changes in the community. In addition to buildings, streets and other related items the plans dealt with routing of utilities, etc. . . . The possibility of roofing over the Chippewa Falls downtown area to create a pleasant shopping atmosphere is being explored by a newly created Downtown Re-development Council and city officials. At one of the first meetings **Douglas Smith**, architect and member of the city planning commission, backgrounded those present on the possibilities and problems, with suggested solutions.

Design of a proposed lodge and supper club on Lake Thompson at Rhienlander has been put in the hands of **Potter, Lawson, Findlay and Pawlowsky** of Madison. The firm has done a number of other similar structures in the state. . . . In La Crosse a modularly designed office building tentatively named the Civic Center Office Building has been planned by **Hackner, Roslansky and Associates**. The architects also may be among the first tenants of the structure, which faces La Crosse's city hall.

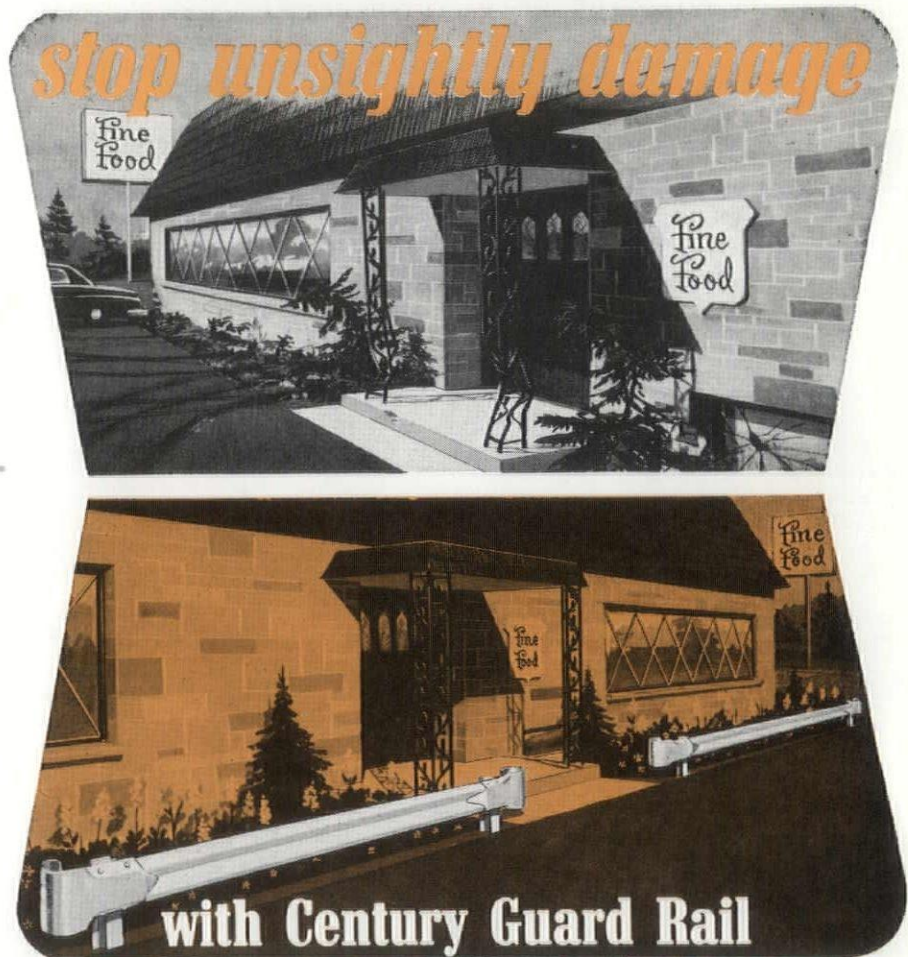
A site within walking distance of the Seymour shopping center has been suggested for a proposed low-rent and elderly housing development by **Jeff Nichols** of the architectural firm of Nichols and Barone, Green Bay. In the early planning stages, the project tentatively would include 50 units for low-rental and 100 for housing for the elderly. . . . City officers of La Crosse are planning to occupy remodeled quarters in the city hall as the result of plans to meet expanded space requirements developed by **Hackner, Schroeder, Roslansky and Associates**, architects. Project is due for completion about October 1.

Two designs which serve the special interests of caring for mentally disturbed young people have been developed by Wisconsin architects. The Winnebago Children's Home serves children from ages 7 through 18 and its helix design allows each child freedom and privacy while supervision can also be exercised as necessary. The architect for the Winnebago project is **Walter Netsch**. . . . Badger Camp's facilities take advantage of a site over-

looking the confluence of the Wisconsin and Mississippi rivers. Designer **Jerome Landfield**, Mount Horeb architect, designed the facility for mentally retarded and handicapped persons. Constructed of natural wood and stone, the building's indoor pool and dining area look out across the rivers through high windows to increase the contact of the persons inside with the natural setting.

Working drawings have been authorized for the Everett Snyder Memorial Home for the elderly in Reedsburg. Architects handling the planning are **Weiler and Strang** of Madison. The structure would be a 50-bed facility

and would be near Memorial Hospital. . . . Planning cost estimates by three architectural firms—**Harold Molzahn—Michael Myers—Kratt-Lachecki**—for a proposed addition to the La Crosse airport administration building have been submitted to the Wisconsin Aeronautics Division. . . . Replacing a traditional church of 1901 vintage is a hexagonal structure designed for the Holy Rosary Catholic Church by **Nelson Associates Architects** of Wausau. Of brick and exposed metal, the structure will be on a slab, with heating provided from a nearby Catholic school. . . . Construction has been started on the Salem Primary School designed for Kenosha by **Schutte-Mochon** of Kenosha.



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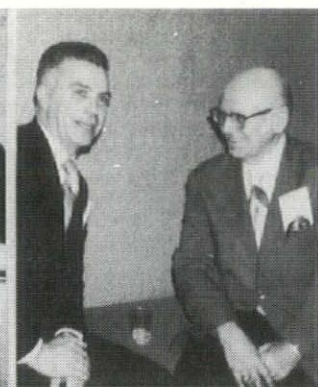
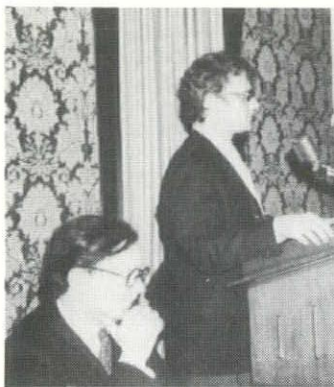
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## AIA AND PC CHAPTERS HOLD ANNUAL JOINT MEETING

Social and political developments and a long look at domestic trends relating to these and their effects on the construction in-

dustry were discussed recently by Paul B. Farrell, Jr., senior research associate and assistant professor at Cornell University. He spoke before the annual joint meeting of the Minneapolis, St. Paul and Northeast chapters of the AIA's Minnesota Society of Architects and the Minnesota-Dakota chapter of the Producers' Council in Minneapolis.

In the afternoon preceding the dinner and talk PC members conducted a table-top display of the latest materials and methods they represent.

Among those who attended were those shown in the pictures here. Mr. Farrell is shown in the left picture as he addressed the groups, with Bernard Jacob, president of the St. Paul AIA Chapter, listening. The second picture is of Tom Doherty of Armstrong Cork Co., Glen Lindberg of Roger Johnson Associates Architects, Dwight Churchill, architect, and Bud Oberg, PC president and a staff member of Northern States Power Co. The next picture shows Tom Doherty addressing the meeting and the right picture is of Robert Deegan of H. H. Robertson Co., and Sidney Stolte, FAIA, Bettenburg, Townsend, Stolte and Combe Architects.

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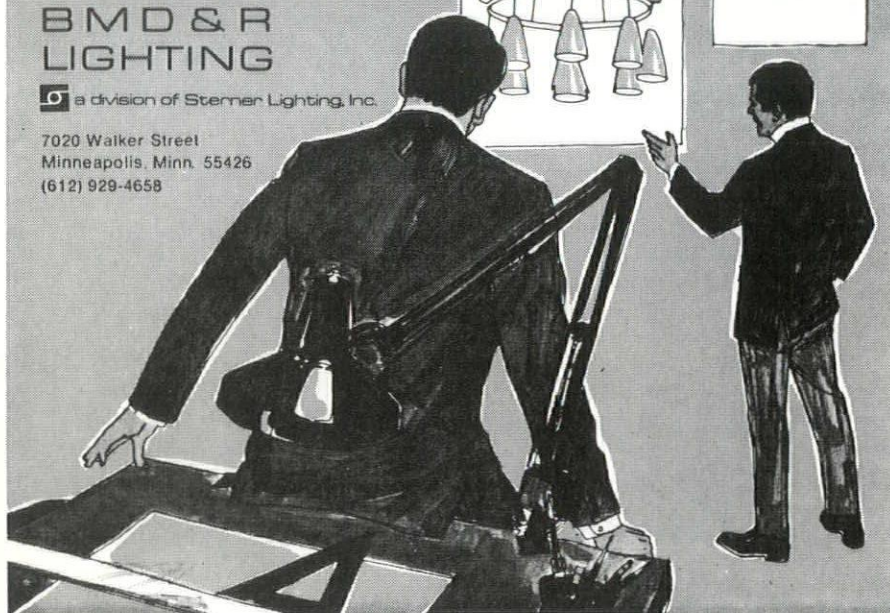
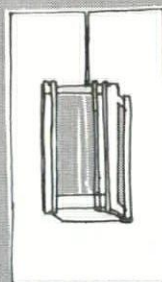
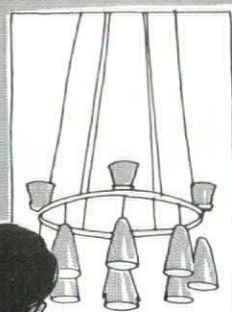
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## SPANCRETE MIDWEST SETS UP FIVE DIVISIONS

Edwin J. Taylor, vice-president and general manager of the Spancrete Midwest Company, Osseo, Minn., has reported inauguration of a new corporate organization developed after more than six months of intensive preparation and study. The company's operations have been streamlined into five major operating divisions—marketing, manufacturing, engi-

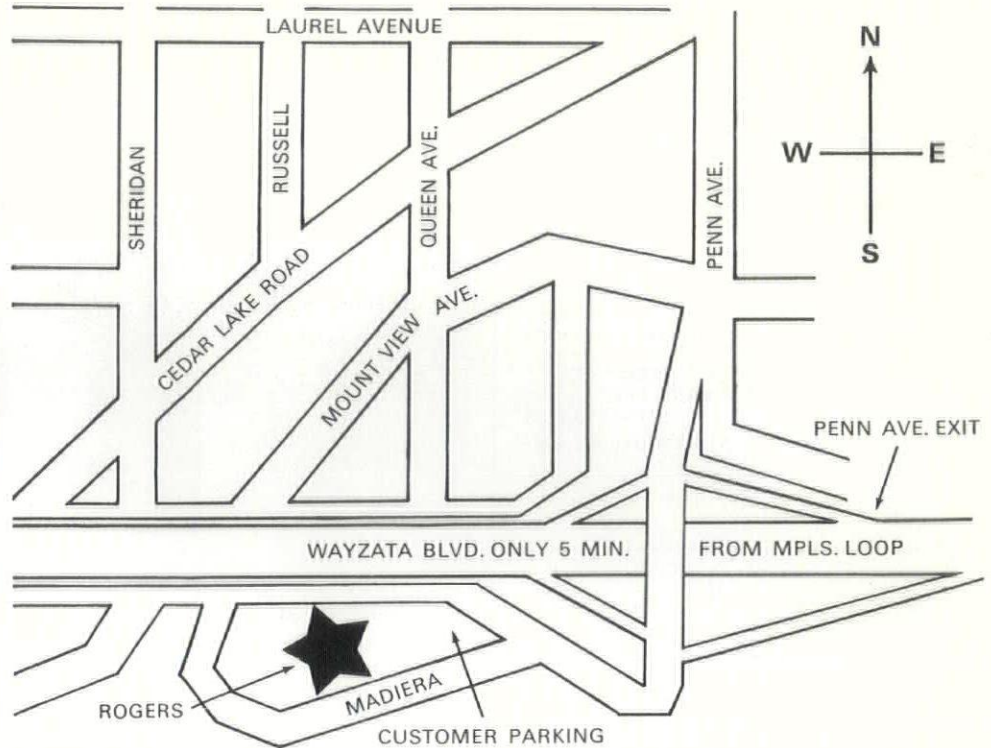


neering, erection and finance.

Taylor said the new organization will allow Spancrete Midwest to better serve its present and future customers and at the same time facilitate the company's entry into the systems building field. Currently the company is erecting five major Spancrete systems structures—a five-story research and development building for The Pillsbury Company in Minneapolis, a seven-story office building and an adjacent 860-car parking ramp for Metro Office Park, in Bloomington, a four-story office building for Hoben Realty in St. Louis Park, the River Terminal Warehouse building for the City of Minneapolis and a four-story office building for Minneapolis Industrial Park in Plymouth village.

The following individual promotions and appointments were announced in conjunction with the reorganization: Gene E. Eggersgluess, promotion to corporate controller, James M. Mitzel, promotion to manager, general accounting, Paul R. Stanaitis, formerly with the G. T. Schjeldahl Company, director of manufacturing, Thomas G. Wetsch, formerly with Electric Machinery and Manufacturing, manager, manufacturing engineering, George E. Falck, promotion to superintendent, Spancrete plant operations, Lee A. Hanson, promotion to director of engineering, Bruce A. Nelson, promotion to chief engineer, Terrence R. Behlmer, formerly with Honeywell Inc., engineer, Stephen D. Disch, promotion to chief draftsman, James R. Holmes, promotion to manager, erection operations, Richard M. Leonard, promotion to manager, field operations, David D. Krause, promotion to manager, field support, Richard L. Marshall, promotion to manager, marketing services, Pierre R. Demeules, promotion to marketing representative, and James C. Bublitz and David C. Punt, promotion to senior marketing representatives.

"Spancrete Midwest Company is a certified plant of the Prestressed Concrete Institute and is the largest manufacturer and erector of precast concrete buildings in the upper Midwest," Mr. Taylor said in his announcement.



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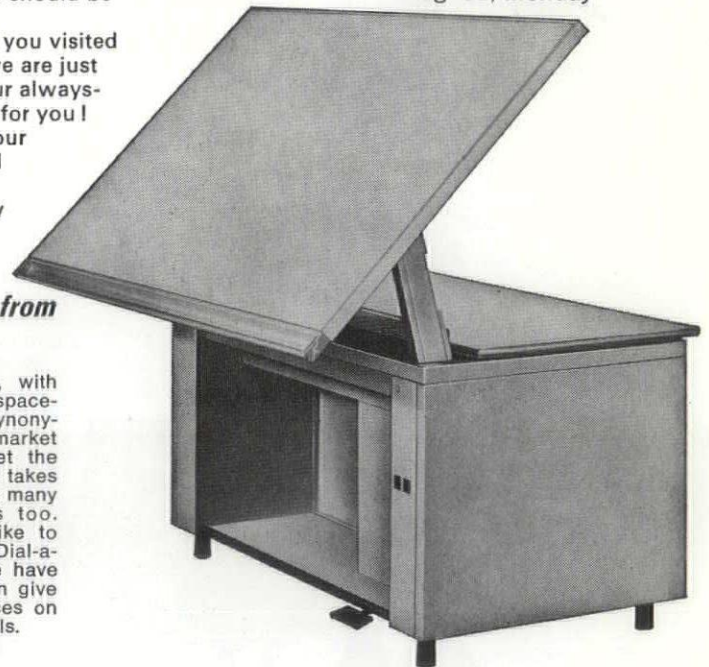
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## AISC AWARDS MADE IN MINNEAPOLIS



Mr. Cerny, at right, as he received the AISC award from Mr. Egger during the special meeting.



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Three hundred architects and engineers attended a breakfast meeting of the American Institute of Steel Construction on April 20 in Minneapolis, to hear Lewis Brunner, regional manager of construction industries marketing, United States Steel, discuss "Steel in Architecture" and to witness the presentation of awards.

Three Twin cities area structures won national recognition from the AISC for architectural

excellence and plaques and certificates were awarded to the owners, designers, general contractors and fabricators. The Nine Mile Creek Bridge in Bloomington won top honors in the nation for short-span structures. Certificates of merit went to two Minneapolis pedestrian skyways connecting Dain Tower, Farmers & Mechanics Bank, Minnesota Federal Savings & Loan and the First National Bank. Albert E. Egger, Sioux Falls, S.D., a director of the AISC and president of Egger Steel Company, presented the awards.

"We are fortunate if we have one national winner in our region," Mr. Egger said. "This year we have three structures which have gained national recognition; this is a tribute to the talents of this region's architects and engineers."

The award for the Pedestrian Skyway's, The Cerny Associates, was presented by Mr. Egger to Robert Cerny.

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## NC LIGHTWEIGHT REVISES EXECUTIVES

The middle of April several changes in the executive posts of North Central Lightweight Aggregate Company were announced, with Darrell N. Barnett becoming president, Lloyd West vice-president and former Pres. Paul J. Schmitt becoming chairman of the board of directors.

## INTERNATIONAL SYMPOSIUM ISSUES CALL FOR PAPERS

Papers to be presented at the Second International Symposium on Lower Cost Housing Problems to be held at the University of Missouri-Rolla on April 24-25, 1972, have been requested by those sponsoring the meetings.

The topics of interest are low cost housing projects around the world and in the United States, construction methods for low cost housing, analytical and experimental research related to low cost housing, financing of low cost housing, sociological and psychological problems related to low cost housing and management of low cost housing systems, systems approach to housing, mobile homes and Industrialized Housing.

Persons interested in participating in the program should submit an abstract of 300 words of their papers to Dr. Oktay Ural, Civil Engineering Dept., University of Missouri-Rolla, Rolla, Mo. 65401, by October 1, 1971.

Some papers will be selected for oral presentation and all will be considered for publication as the proceedings of the symposium.

The symposium is sponsored by the Civil Engineering Department of the University of Missouri-Rolla and American Society of Civil Engineers.

## Earth—Every Week

(Continued from page 177)

we have problems. We would be teaching them what they can do about it."

(This week and every week—Editor.)

Sen. Edmund S. Muskie, one of the founders of Earth Week, is concerned with the too traditional

apathetic tendencies of the great American public and commented:

"Has the sense of urgency which blossomed on April 22, 1970, disappeared? Already the costs of environmental protection and pollution control are being calculated by those who would see us fail. There are very real and substantial costs and they must be honestly assessed and unflinchingly paid. They must also be measured against the costs of not improving the environment, the cost of wasted resources and the cost in damaged lives. I believe public officials—in state legislatures, in the U.S. Congress, in governmental agencies—have a mandate from the public to protect their lives, their welfare and their posterity. The battle was ir-

revocably joined in 1970 and our efforts to make our world a place of health and promise must continue." (Again—this week and every week!)

Going into details, Sen. Muskie cast up some dollars and cents:

"Laboratory studies on the subject (in earlier years—editor), to the extent they existed at all, were underfunded and underpublicized. For example, in fiscal year 1970 (July 1, 1969, to June 30, 1971) the federal government spent approximately \$310,000,000 on research, development and demonstration to improve pollution control. During the same period the government committed more than \$2,000,000,000, or six times as much money, to NASA's manned space program. Such a

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budget reflected our preoccupation with alien environments—while our own world, as a consequence, was becoming increasingly alien. . . .”

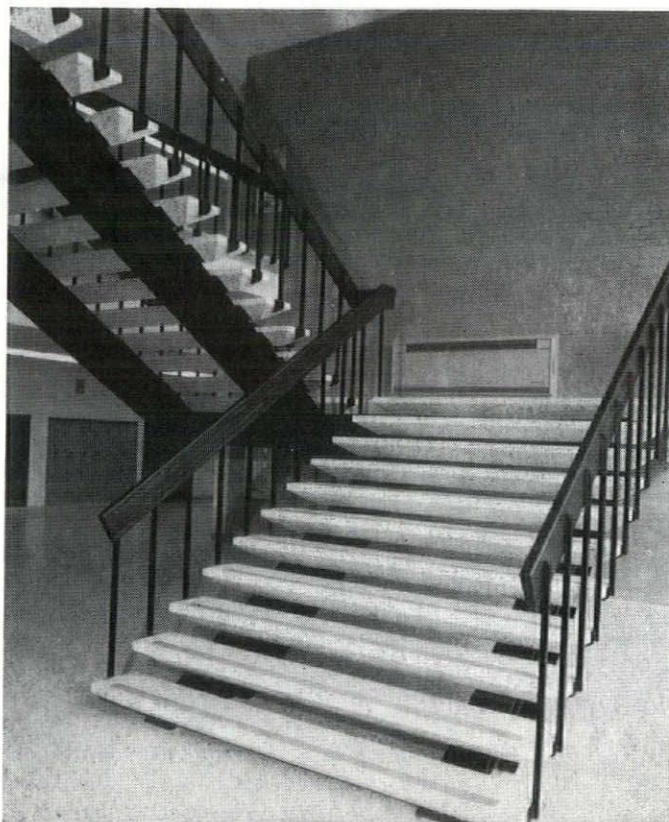
“Today the quality of our environment is as timely and important a national issue as health care, hunger and crime for we know that failure to recognize the scope of the environmental crisis would be as harmful to the well being of our families and friends as failure to deal with other social problems.

“The environmental tasks confronting this nation are legion. To make a meaningful effort to clean up our plant we must change some of the fundamental aspects of our lives, as well as some of our less important habits. . . .

“We have not made many of these changes in the past year. We have not agreed to make the sacrifices necessary to change and we have not reduced the amount of pollution dumped on our land and into our air and water.”

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## INDEX TO ADVERTISERS

American Artstone Co. .... 176  
American Institute of Steel  
Construction .....143, 144  
Anderson Corporation ..... 139  
Architectural Metal Association.... 140  
Arrigoni Bros. Co. .... 172

BMD & R Lighting Co. .... 180  
Bituminous Surfacing Co. .... 183

Can-Tex Industries ..... 170  
Carney Co. .... 182  
Century Fence Co. .... 179  
Child, Rollin B. .... 171  
Conpro, Inc. .... 141

Dale Tile Co. .... 176  
Drake Marble Co. .... 177

Fogelberg, Carl ..... 172

Gabberts ..... 182  
Gohlke, George ..... 172  
Grazzini Bros Co. .... 184

Hall Co., W. L. .... 177  
Hebron Brick Co. .... 182

Kindem & Sons, A. A. .... 168

Mankato Stone Co. .... 176  
Milwaukee Inn ..... 174  
Minneapolis Blue Printing ..... 177  
Minnesota Ceramic Tile Industry 136  
Minnesota Tile Supply Co. .... 173

Northern States Power Co. ....Cover II  
Northwestern Tile Co. .... 174

Piping Industry Development  
Council .....Back Cover  
Prestressed Concrete, Inc. ....Cover III

R & O Elevator Co. .... 174  
Rogers ..... 181

Shiely Co., J. L. .... 135  
Soil Engineering Services ..... 168  
Spancrete Midwest .....137, 138  
Stremel Bros. .... 175

Technical Reproduction ..... 173  
Twin City Brick Co. .... 175  
Twin City Testing & Engineering 172

United Sprinkler Co. .... 169

Vincent Brass Co. .... 178

Waikiki Motor Inn ..... 182  
Wells Concrete Co. .... 142

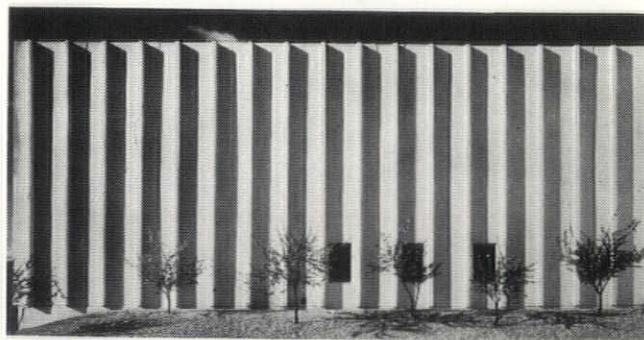
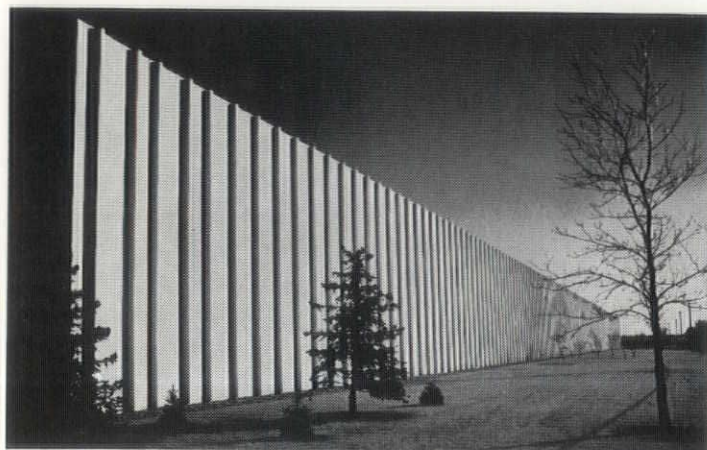


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**PROJECT:** Edina Distribution Center, Edina, Minnesota  
**ARCHITECT:** Ralph B. Shimer, AIA, Minneapolis, Minnesota  
**STRUCTURAL ENGINEER:** Bakke & Koppe, Inc., Minneapolis, Minnesota  
**CONTRACTOR:** Lyell C. Halverson Co., Minneapolis, Minnesota.

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# FRACTIONS

## are all you save

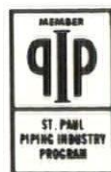
... when you separate mechanical/electrical contracts from general construction. But when total building costs amount to hundreds of thousands of dollars, or more, fractions become very significant.

Of all the reasons to accept *separate* bids, cost reduction is the most important. Construction cost data from across the nation prove conclusively that *separate* bids, separate contracts result in sizable savings. The fractions may be small, but the dollar amounts aren't.

Seeking *separate* contracts saves dollars simply because competitive bidding is opened to all qualified contractors. The middleman is eliminated, and specific costs of the three prime components of construction are clearly defined for owner and architect.

Specialists are employed to do highly specialized work at bid prices. The quality of construction and installation rises and the cost decreases — if only by a fraction.

That may not seem to be much, but owners and architects who pay attention to fractions have found that whole numbers take care of themselves.



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