Isn't commercial aggregate just a fancy name for sand and gravel?

When we say commercial aggregate we're not trying to be fancy, just accurate. There are people who produce just sand and gravel. But at Shiely we try to have everything you need. Products like Rip Rap and Keystone Chips and Macadam Stone and Mineral Filler and Crushed Granite and many more. So when we say commercial aggregate, we're not trying to dazzle you . . . just let you know that we have more to offer than just sand and gravel. We try to have a broader range of commercial aggregates than anybody else in the business.
Associate Editor
Fred Miller, Jr.

Northwest Architect is an official publication of the Minnesota Society of Architects.

Minnesota Society of Architects, AIA
Frederick J. Bentz, FAIA, President
George F. Klein, Jr., Commissioner of Public Affairs

Northwest Architect
Editorial and Management Committee

Published by
Craftsman Press Inc.
2117 W. River Road, No. Minneapolis, Minn. 55411

Advertising Director
Gregory C. Johnson 529-9105

West Coast Representative
Jay Eisenberg, J. E. Publishers Representative Co.,
8380 Melrose Ave.,
Los Angeles, Cal. 90069

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Northwest Architect is published bi-monthly. Controlled Circulation postage paid at Minneapolis, Minnesota. Subscription: one year, $5.00.

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CONCRETE BUILDING CONCEPTS

GAGE BROTHERS CONCRETE/ BOX 1526/ SIOUX FALLS, SOUTH DAKOTA 57101
At the beginning of each new year, the President of the Minnesota Society of Architects, together with the Board, must attempt to establish the goals for the coming year. In reviewing the programs of the past several years, it occurs that the thrust of 1973, "Toward Becoming a Stronger Voice," had substantial impact and success to the point that we should build on that success. For this reason, I believe it is appropriate to proclaim 1974 as the year that "Architecture Goes Public in Minnesota," with an ever increasing emphasis on our profession's impact in shaping public policy decisions as our goal. This is fairly obvious in the work of the Legislative Committee, the Public Communications Committee, and such activities as Architecture Week. In addition I visualize that every MSA Committee is in a position to make a contribution to this idea, even though their charge might not be so specifically oriented.

Paralleling this major thrust I see a second important area of concern. Archibald Rogers, the President of the AIA, has stated that the program and budget for the year at the national level will focus upon institutional renewal, with the Task Force on the Future of the Institute as the spearhead of this focus.

We all know that it is in the nature of institutions to resist change and thereby avoid the painful problems of self-renewal. I believe we should expand on the national program at our state level, and I am pleased to report that already I see in the efforts of some of the Committees and members of the Board a surge toward self-renewal and revitalization. These concerns range from increased student participation to improved chapter and state structure, to a higher level of professional performance through our Professional Development Program.

Our profession of architecture is entering a new period of uncertainty and we will be continuing in our attempts to cope with an unprecedented array of new challenges. We have the prospect of further inflation in an environment of political instability as it may effect the construction industry. We have tight money, a shortage of key construction materials, wage and price controls and erratic construction cost forecasting. When we add to all of this the pollution crisis and the energy crisis, we have the threat of even more economic dislocation.

Ian McHarg told us at the 1973 convention that there were two meanings for the word crisis in the Chinese language. One was danger — the other was opportunity. I suggest that we seize upon the latter and turn these crises into opportunities for the profession to demonstrate leadership in the public interest. I view this year with optimism and I ask your enthusiastic commitment to the 1974 programs of the MSA.

Frederick J. Bentz, FAIA
President, Minnesota Society of Architects
Pella Clad windows are for executives.

At Fingerhut's new executive headquarters in Minnetonka, a Pella Clad Window System combines the insulating qualities and natural beauty of wood windows with an acrylic color coated aluminum skin. Pella Clad Wood Windows. The natural choice in low maintenance window systems.

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*President
*Vice President
*Treasurer
*Secretary
*Immediate Past President
*President, Minneapolis Chapter
*President, Saint Paul Chapter
*President, Northeastern Chapter
*Student Representative
  Director, Northeastern Chapter
  Director, Saint Paul Chapter
  Director, Saint Paul Chapter
  Director, Minneapolis Chapter
  Director, Minneapolis Chapter
  Director, Minneapolis Chapter

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Robert Nelson, AIA
William Berget, AIA
Ed Sovik, FAIA
Saul Smiley, AIA
Dennis Grebner, AIA
Richard Faricy, AIA
Donald Melander, AIA
Chris Ueland
John Ivey Thomas, AIA
Lloyd Bergquist, AIA
James Voigt, AIA
George Klein, AIA
James Stageberg, AIA
Kenneth Mahal, AIA

* denotes members of Executive Committee

Pictured above from left to right: Robert Nelson, Fred Bentz

Ed Sovik, William Berget

NORTHWEST ARCHITECT
Saint Paul Chapter Officers

*President
Vice President
Secretary
Treasurer
MSA Director
MSA Director
Chapter Director
Chapter Director

Richard Faricy, AIA
Wayne Olson, AIA
David Hall, AIA
Wes Sorenson, AIA
Lloyd Bergquist, AIA
James Voigt, AIA
Robert Jackels, AIA
Eugene Freerks, AIA

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Vice President
Secretary
Treasurer
MSA Director
MSA Director
MSA Director
Chapter Director
Chapter Director

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James Rydeen, AIA
William Fay, AIA
David Runyan, AIA
James Stageberg, AIA
George Klein, AIA
William Berget, AIA
Jon Gravender, AIA
Glen Lindberg

Northeastern Chapter Officers

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Vice President
Secretary/Treasurer
MSA Director
Chapter Director
Chapter Director

Donald Melander, AIA
Leon Simich, AIA
Art Kaple, AIA
John Ivey Thomas, AIA
Gerry Johnson
Thomas Vecchi, AIA

*Pictured above is the President of each Chapter

DIRECTORY — APRIL, 1974
20-YEAR-OLD SWIMMERS...42-YEAR-OLD POOL!

This pool at the College of St. Catherine in St. Paul was built in 1929. The beautiful and functional design of Ceramic Tile is the reason this 42-year-old pool is still in use.

And it looks almost new—because color-fast Ceramic Tile won’t fade—even through four decades and 110,000 gallons of recirculating water.

Ceramic Tile features easy maintenance—cleans with a damp mop or cloth. Resists stains and scratches. Used in many areas from lavatories and shower rooms to school corridors and classrooms.

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OLD AS HISTORY—MODERN AS TOMORROW

New diving and Olympic pools at Fairview Junior High School in Roseville, Minnesota, features Ceramic Tile Construction for easy maintenance and long life.

MINNESOTA CERAMIC TILE INDUSTRY
1974 Organizational Structure

MSA Staff

MSA Executive Committee

Minnesota Society of Architects Board of Directors

Commission on Education
- Professional Development Programs
- Education-Student Affairs
- School and College Architecture
- School Board Liaison Committee
- Young Practitioners

Commission on Environment
- Urban Design and Regional Planning
- Housing
- Hospital and Health Facilities
- Preservation of Historic Resources
- Minnesota Task Force on National Growth Policy
- Joint Committee on Environmental Design

Commission on Professional Practice
- Office Procedures
- Insurance and Sureties Documents
- Building Industry Coordination
- Joint Professional Committee

Commission on Professional Society
- Ethics-Enforcement-Registration
- Long Range Planning Convention
- Honor Awards
- By-Laws and Rules
- Resolutions For Annual Meeting

Commission on Public Affairs
- Legislative-Government Affairs
- Public Communication
- Architecture Week
- Northwest Architect Exhibits and Displays
- Energy Conservation & Building Design
- Architect Designed Homes

Special Task Forces
- Social Responsibilities
- Compensation
- Building Codes
- Budget and Finance
- Expanded Services and Responsibilities
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Commissioner — James Stageberg, AIA
Professional Development Programs
Ernst lbs, AIA
Education and Student Affairs
Herb Ketcham, AIA
School and College Architecture
Eugene Flynn, AIA
School Board Liaison Committee
Fred Traynor, AIA — Ken Skold, AIA
Young Practitioners
Jim Bragonier, AIA

COMMISSION ON ENVIRONMENT
Commissioner — Kenneth Mahal, AIA
Urban Design and Regional Planning
Jim Mildes, AIA
Housing
James O'Brien, AIA
Hospital and Health Facilities
Tom Hory, AIA
Preservation of Historic Resources
William Scott, AIA

COMMISSION ON PROFESSIONAL PRACTICE
Commissioner — James Voigt, AIA
Office Procedures
Darrel LeBarron, AIA
Insurance and Sureties
Don Perrenoud, AIA
Documents
Jack Lindeman, AIA
Joint Professional Committee
Fred Bentz, FAIA

COMMISSION ON PROFESSIONAL SOCIETY
Commissioner — Lloyd Bergquist, AIA
Ethics-Enforcement-Registration
Ralph Laiderman, AIA

1974 Committees

COMMISSION ON EDUCATION
Commissioner — James Stageberg

Professional Development Programs
In 1973 this was one of the strongest committee efforts. Professional Development is one of the foremost priorities of the MSA. This committee proposes, develops and executes the professional development program. In 1974 we will put an emphasis on developing programs for younger practitioners and expanded forms of practice as well as strategies for management.

Ernst lbs, Chairman
Richard Depta
Frank Reese
Norman Glewwe
Robert Jackels
Robert Rietow
Dan Fourre
John Rova
Gene Green
James Hanson
Chester Yanik

Education and Student Affairs
One of the primary goals of the committee is to establish a communication network between the various educational institutions and membership of the MSA. It has undertaken as a special project to develop a program of architectural environmental education at the elementary and secondary level. It is presently cooperating with the Minneapolis Institute of Arts and the Community Design Center in this program.

James Lammers, Chairman
Chester Yanik
John Koester
Leigh Hewitt
Larry Seiberlich
Wes Sorenson
Leonard Parker
John Radway
Edward Frenette
continued 1974 Committees

School and College Architecture

This committee will in 1974 be working in cooperation with higher educational institutions and representatives of elementary and secondary education on issues related to educational facilities. It has also coordinated its activities with MSA school board liaison committee in negotiating committee which is responsible for the drafting of a Guide for the Design and Construction of Minnesota Schools and the development of a new contract for architectural services.

Gene Flynn, Chairman
John Torseth
Ken Walljarv
Tom Hendrix
William Snyder

Basil Filonowich
Burt Schacter
Jene Sigvarten
Carl Sorenson
Laszlo Fulop

Art Kaple
John Koester
David Sullivan
Donovan Wagner

Gene Flynn, Chairman
John Torseth
Ken Walljarv
Tom Hendrix
William Snyder

School Board Liaison

This committee and a negotiating subcommittee was responsible for the drafting of a Guide for the Design and Construction of Minnesota Schools and the development of a new contract for architectural services in cooperation with the Minnesota Board Association.

Fred Traynor, Co-Chairman
Ken Skold-Co-Chairman
Ken Walljarv
Al Weigleiter

David Sullivan
Tom Hendrix
Robert Morgan
Fred Kegel

YOUNG PRACTITIONERS

A new committee which will deal with the planning of a continuing education and professional development program for young professionals. Leadership and involvement are crucial.

James Bragonier, Chairman
Philip Blott
Frank Brust
Darrell Carlson
Norman Glewwe

Gerald Johnson
Robert Kuebelbeck
Thomas Peterson
Peter Rand
John Rova

Robert Seeger
Lawrence Seiberlich
Carl Sorenson
Wesley Sorenson
David Thistlethwaite

Gary Vigen
Joel Anderson
Edward Frenette
Richard Keillor

COMMISSION ON ENVIRONMENT
Commissioner — Kenneth Mahal

Urban Design

This committee is charged with providing architectural input and giving leadership in regard to such public planning and policy issues as Urban and Regional Planning, encouraging development of improved transportation systems, continued emphasis on the vitality of the downtowns, land use and growth and increased utilization of such resources as the Mississippi River and open space planning.

We are particularly looking for individuals with strong interest and a background in regard to Urban Planning Issues.

James Mildes, Chairman
Winston Close
Alfred French
Jon Gravender
Halph Rapson
John Raum

Milo Thompson
Robert Quanbeck
Wesley Hendrickson
Francis Kerr
Lloyd Jalvert

Steve Fiskum
Albert Michelda
William Bonner
Dave Bennett
Chuck Ewert

Doug Foster
Sheldon Anonsen
J. David Rasche
Russell Redman
David Licht

HOUSING

The 1973 Housing Committee has laid a strong foundation for an active committee effort. It will be very active on legislative measures related to housing. It has also under consideration several other interesting programs. The committee seeks individuals with a strong interest in the housing area and a willingness to accept responsibility.

James O'Brien, Chairman
James Cooperman
Terrance Schlink
Donovan Wagner
Philip Anderson

Art Haugsby
John Leadholm
Sidney Stoile
Daniel Swedberg

Murray Casserly
H. W. Fridlund
Lloyd Jalvert
Russell Redman

HOSPITAL AND HEALTH COMMITTEE

The 1973 Hospital and Health Committee has begun an aggressive liaison and communication program with non-architectural health groups, including state agencies and state health organizations.

In 1974 the committee will be assisting in publishing a special issue of the Northwest Architect on the humanization of health care facilities. In addition it will have a very active role in developing programs relating to architecture that will be presented at the Upper Midwest Hospital Conference May 8-10. Furthermore, it will be involved with a much improved special architectural exhibition at the
continued 1974 Committees

Conference. It will also seek to further develop existing relationships and to be "a strong spokesman for the architectural profession in the State of Minnesota on Hospital and Health Care Issues."

Tom Horty, Chairman
Peter Kramer
Victor Gilbertson
Joel Glotter
Howard Goltz
Emerson Scholer
Wayne Winsor
Elmars Prieditis
Don Benson
Jim Forberg
Val Satko
Richard Hammel

PRESERVATION OF HISTORIC RESOURCES

This committee continues to be a very active committee. It is presently involved in Historic Preservation with four major foci. In many areas it serves as advisory to public and private bodies. It also has a strong educational role and is very active in preservation activities. It has also taken the leadership in the establishment of the Northwest Architectural Archives.

William Scott, Chairman
Philip Anderson
Brooks Cavin
Charles Berg
Foster Dunwiddie
Basil Filonowich
Ernst Ibs
James Klapste
Tom Lutz
Alan Luthrop
Tom Martinson
Robert Seeger
Keith von Busch
Wayne Winsor
Darrel LeBarron
Duane Stoipe
Charles Nelson

Commission of Professional Practice
Commissioner — James Voigt

OFFICE PROCEDURES

The Office Procedures committee in many states is one of the most productive in making major contributions to enhancing the architectural practice. The committee has made some substantial proposals to undertake in 1974 and is seeking a strong and active committee membership.

Darrel LeBarron, Chairman
Robert Armbruster
Frank Brusie
John Damberg
M. Lee Dahien
William Estebo
John Hohncke
Marlin Hutchison
Cletus Klein
Ronald Kranke
Robert Kuebelbeck
Masao Matsumoto
David Medin
Eugene Nelson
James O'Brien
LeRoy Palmquist
Thomas Peterson
Jerome Prince
Richard Rafferty
George Root
Fred Shank
Kenneth Skold
George Stertz
Ronald Tadsen
Albert Voza
David Wagner
William Rova

INSURANCE AND SURETIES

This committee has two major functions. It focuses on professional liability insurance and health accident disability income insurance. In 1974, it is proposed that the major emphasis will be on professional liability insurance. We will seek to increase loss prevention and to communicate to the profession any developments directly relating to professional liability insurance. We also seek to be a strong advocate with the insurance carrier to represent the concerns of the architectural profession in Minnesota.

Don Perrenoud, Chairman
Committee to be appointed.

DOCUMENTS

This is a standing committee which has undertaken three major responsibilities. They include: (1) cooperate with the AIA Institute Documents Board (2) receive and review comments and suggested comments to AIA documents from MSA members and other individuals on local organizations and in turn make recommendations to the institute (3) review any MSA documents and make suggestions and improvements, prior to their being published.

Jack Lindeman, Chairman
Committee to be appointed.

COMMISSION ON THE PROFESSIONAL SOCIETY
Commissioner — Lloyd Bergquist

ETHICS — ENFORCEMENT — REGISTRATION

Based on the primary policy of "corrective and friendly persuasion" this committee deals with questionable ethical activity of the members as well as non-member architects. Additionally, it reviews registration criteria.

Ralph Laiderman, Chairman
Samuel Mayo
Roy Thorshovan
George Townsend
Sanders Ackenberg
Richard Lundahl
Burt Shacter
Roger Johnson

DIRECTORY — APRIL, 1974

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## 1974 Committees

### CONVENTION
The demanding, yet enjoyable and rewarding task of planning and executing the largest state architectural convention in the profession is the charge of the convention committee. Strong input is always needed in the developing content and length of the program.

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<th>Eldon Burow, Chairman</th>
<th>Duane Stolpe</th>
<th>Dewey Thorbeck</th>
<th>Curley Roberts</th>
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<td>John Myklebust</td>
<td>Jerry Saterbak</td>
<td>Alex Dekker</td>
<td>Jim Thompson</td>
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<td>Jack Ovick</td>
<td>Arvid Elness</td>
<td>Culver Adams</td>
<td>Vern Svedberg</td>
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<td>Ken Oulman</td>
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<td>Keith Sjoquist</td>
<td>Robert Morgan</td>
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<td>Pat Sjoquist</td>
<td>Lanny Oxton</td>
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<td>Mary Gieske</td>
<td>Eleanor Smith</td>
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Additional Committee members to be appointed.

### HONOR AWARDS
This committee selects the jurors, determines and administers the Honor and Special Awards program of the MSA.

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<thead>
<tr>
<th>Duane Thorbeck, Chairman</th>
<th>Bernard Jacob</th>
<th>Jack Boarman</th>
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<td>Douglas Baird</td>
<td>Jack Boarman</td>
<td>Edward Frennette</td>
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<td>Bernard Herman</td>
<td>Robert Sandberg</td>
<td>Robert Hysell</td>
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### INTERNAL OPERATIONS (Nominations — By-laws — Rules — Resolutions)

<table>
<thead>
<tr>
<th>Saul C. Smiley, Chairman</th>
<th>Richard Whiteman</th>
<th>Willard Thorsen</th>
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<tr>
<td>Bruce Abrahamson</td>
<td>Louis Lundgren</td>
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</table>

### COMMISSION ON PUBLIC AFFAIRS
Commissioner of Public Affairs — George Klein

### LEGISLATIVE AND GOVERNMENT AFFAIRS
In 1973 this committee undertook the most aggressive legislative effort in the history of the architectural profession in Minnesota. The committee meets weekly during the legislative session and coordinates testimony on issues of importance to the architectural profession. Specifically, it will (1) formulate a legislative program (2) engage in legislative lobbying activities (3) plan the proposed Architects at the Legislature to again be held in 1974 (4) again publish the Minnesota Society of Architects legislative program (5) establish and operate a legislative minuteman program.

### PUBLIC COMMUNICATION
The Public Communication committee has proposed that the major emphasis of MSA in 1974 should be on Public Communication. It is seeking architects with a strong interest in this area to give leadership to the program. Included among the activities it intends to accomplish is Architecture in Minnesota, a brief Kiplinger-like newsletter for the media on architecture. Establishment and promotion of a major speakers bureau (62 architects are currently signed up), a Regional Press Seminar, and several other ambitious programs.

### ARCHITECTURE WEEK
After a year’s absence Architecture Week is back, and tentatively scheduled for May 12-18. It will again focus on architectural tours, media appearances by architects, displays, and speaking engagements. Bicycle and walking tours are tentatively planned for Sunday, Wednesday, and Saturday. Co-ordinators and guides are needed. Firms will be asked to provide models, drawings, and photos of works for display in buildings throughout the state. Speaking engagements will be handled through the speakers bureau. Participation from members who could not normally join a committee due to geographical limitations is highly desirable as this will be a statewide effort.

### NORTHWEST ARCHITECT
In 1973 this committee continued to revitalize the Northwest Architect. In 1974 it will continue to give editorial and management direction to the magazine, review its mailing list, and expand the scope of the subject matter. Contributions to the magazine are encouraged by members and non-members.

<table>
<thead>
<tr>
<th>Emerson Scholer, Chairman</th>
<th>Tom Martinson</th>
<th>Fred Richter</th>
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<tr>
<td>Edward A. Sovik</td>
<td>Gene S. Peterson</td>
<td>James Taplin</td>
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<tr>
<td>Bernard Jacob</td>
<td>Jim Lindberg</td>
<td>John Weidt</td>
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<td>James Lammers</td>
<td>Borg Nielsen</td>
<td>Eric Wheeler</td>
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</table>
EXHIBITS AND DISPLAYS

Responsible for the development of displays and exhibits for the Minnesota Society of Architects, this committee will be a key part of the 1974 Public Communications effort. New display boards will be ticketed for public showing at such events as Architecture Week, Architects at the Legislature, Urban Press Seminar, local conventions, etc. Members should be interested in the best manner of presentation of the aesthetic qualities of Minnesota Architecture.

Wil Johnson, Chairman
Randy Engel
Lonnie Anderson
Brian Kluts, Student Rep.
Duane Stolpe

SPECIAL TASK FORCE ON ENERGY AND ITS IMPLICATIONS TO BUILDING DESIGN

This issue of energy conservation will have a dramatic impact upon future design, and we are looking for leadership to provide architectural input in shaping future energy policy as it affects the design profession and the construction industry. It will include a review of legislative proposals and input of professional expertise into the proposals. We will also establish an Advisory Service to provide current information on design and energy conservation, both to the public and design professionals.

John Weaver, Co-chairman
John Weidt, Co-chairman
Clair Armstrong
Richard Erickson
Eugene Freerks
Howard Goltz
Carl Graffunder
John Miller
William Moser
Nicholas Palaia
Edward Scharf
Richard Schwarz
Ed Sovik
Marshall Levin
Daniel Swedberg
Christopher Ueland
P. S. Vedi
Fredric Wemlinger
Sandy Ritter
Dave Griswold
Charles Sullivan

Architect Designed Home Information Service

The architect Designed Homes Committee is a new committee this year. Composed of those members interested in designing homes as a portion of their practice it is researching ways to better market the architect's capability in the single family market. Projects for the year include lectures through the University of Minnesota Extension Department, a special issue of Northwest Architect, and an educational series with bankers and other mortgage institutions.

Alex Dekker, Chairman
Hans Dekker
Jim Thompson

SPECIAL TASK FORCES OR COMMITTEES
Commissioner — Robert Nelson

SOCIAL RESPONSIBILITIES

Concerned with community focused programs such as the Community Design Center, Ford Foundation/AIA Scholarship and other avenues of social commitment by architects.

Richard Cottle, Chairman
Robert Morgan

BUILDING CODES

The importance of building codes and regulations such as OSHA are obvious. This Task Force will review proposed amendments to the state building code and related codes and legislation, including the architectural barriers law. This is an area vitally in need of strong leadership from the design professions. Much is at stake, subsequently a strong membership is imperative.

Robert Ackermann, Chairman
Edgar Curley
Marshall Levin
Mark Winsor

BUDGET AND FINANCE

Budget and Finance is entrusted with the responsibility of developing an annual budget, proposing programs to develop income and properly manage the MSA's financial affairs. It includes chapter treasurers and MSA treasurer.

Robert Nelson, Chairman
William Berget
Fred Bentz
Ed Sovik

EXPANDED SERVICES AND RESPONSIBILITIES

The MSA Board of Directors has charged the Task Force with recommending new approaches in professional services. Many architects feel present trends represent an undesirable condition for design professionals. It has been evident for several years that with increasing frequency, non-public construction programs have proceeded without adequate services from a design professional under turnkey or package programs. In most instances project control and design services are by a contractor or developer, who in turn engages the design professionals and also controls them. In many projects both the visual environments and the architect's economic position have suffered. This Task Force is seeking members willing to research and examine alternative methods, whereby
continued 1974 Committees

the architectural profession can meet the needs of clients and, in specific, public clients seeking to concentrate responsibility in the
design/construct process.

O. Reuben Johnson, Chairman
Len Anderson
Adrian Born
Gerald Simons
Chuck Ewert
John Lackens
David Griswold
William Fay
Fritz Rohkohl
Bud Peterson
Robert Pope
Orlen Fjelsted

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2. To disseminate information concerning safe and economical masonry construction.
3. To develop advertising and public relations programs and other promotional activities for the good of the public and the masonry industry.
4. To promote the health, comfort, safety and economic interests of the public by educational activities within the masonry industry relating to masonry construction practices.
5. To develop programs and activities directed at assisting technically or otherwise, architects, engineers, specification writers, contractors, government authorities and agencies.
6. To promote the formulation or improvement of state and municipal codes and uniform masonry specifications or high quality standards of masonry construction.
7. To promote research and experimentation concerned with improving existing construction methods and developing, testing and promoting new construction materials and/or modes of construction.

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MSA Endorsed Insurance Programs

The following are group insurance programs made available to the members of the Minnesota Society of Architects. These programs have been developed through the insurance committee and approved by the Board of Directors of the MSA and undergo periodic evaluation. Please contact directly: Gary Minder
Thomas V. Lynch and Associates
Washington National Insurance Company
2950 Metro Drive, Suite 306
Minneapolis, Minnesota 55420, 854-8744

Insurance Benefits for Members, spouses, and employees of Members. Through the Minnesota Society of Architects

Life Insurance Plan underwritten by the Washington National Insurance Company:
All Members and full-time employees of Members can apply, through age 69.
Term Insurance Coverage at low rates may be continued for life.
Conversion to a permanent plan at any time after your term insurance is in force for 5 years without evidence of insurability.
Waiver of future premiums if you become totally and permanently disabled for 180 consecutive days prior to age 60.
Can apply for $10,000 Basic Life Insurance or for up to double the basic amount.
Full range of settlement options available.

Scheduled benefits available in $121 increments ranging from $242 to $1,210 per month.
A monthly income accrues commencing with the first day after accident disability and the eighth day after sickness disability (or first day in hospital, whichever is first).
Benefits payable as result of accident for life; as result of sickness for 5 years. House confinement not required.
Premiums are waived after 180 days of disability.

Partial disability benefit and non-disabling injury benefit provided in the plan. Pays $5,000 in event of accidental death or dismemberment.

Major Medical Insurance underwritten by Washington National Insurance Company:
Pays 80% of eligible expenses in excess of the deductible.
Maximum benefit per illness or injury of $25,000 prior to age 70, $12,500 age 70 or over.
Choice of deductibles: $100, $250, $500, $1,000.
Provides benefits for expenses incurred in or out of the hospital.
Benefit for any single claim extends for 3 years.
New members under 35 may enroll in $500 Deductible plan without evidence of insurability within 60 days from membership date.
Unmarried children can remain in plan to age 23 if enrolled as full-time students.
After 1 child is insured under plan, all newborn children covered without additional premium and without evidence of insurability.

Designed to supplement other hospital medical expense plans by paying Member cash for each day of hospital confinement of Member or covered dependent.
Helps fill the "Protection Gap" — The very best disability income and hospital — medical plans cannot fully compensate for the financial loss of an extended hospital stay.
Pays $750 of monthly hospital income for insured members and employees, $600 for covered spouses and $450 for each covered child.
Pays monthly benefits for 15 months of hospital confinement per illness or injury.
Monthly income benefits are tax-free. Coverage provided for pre-existing conditions for hospital confinement commencing at least 12 months after the effective date of the coverage.
Members, dependent spouses, and employees, under age 64, may enroll.
Cost efficiency is one of the most important reasons for letting separate contracts.

It's been proved over and over again. Both in privately financed construction and in public construction where funds come from taxes. In fact, many states and cities require separate bids. The mechanical portions must be separated from the general construction bids. The result is that competitive bidding for mechanical work reduces costs, increases efficiency. That's reason enough to let all mechanical contracts separately.
The following is a listing of many agencies and individuals which the architectural and engineering profession often communicate and work with.

Federal Offices

Architectural Section
Robert Berdahl
Chief Architect. 725-4783
Lowell Ogcdahl
Construction Analyst. 725-4783
Norman Lucas
Construction Analyst. 725-4783
Ward Bouth
Construction Analyst. 725-4783
Robert Coss
Construction Analyst. 725-4783
George Francis
Construction Analyst. 725-4783
Old Hansen
Construction Analyst. 725-4783
Leon Heimaker
Construction Analyst. 725-4783
John Tuffs
Construction Analyst. 725-4783

Technical Services Branch
Lee Arvid
Assistant Director. 725-4761
Ed Wood
Deputy Assistant Director. 725-4761

Architecture and Engineering Section
Gerald Spandl
Chief. 725-4765
Robert Hoegpner
Architect. 725-4765
Richard Sexton
Architect. 725-4765
Kent H. Riedesel
Construction Analyst (Suply). 725-4765
Gilbert Pelinka
Construction Analyst. 725-4765
Arthur Paarmann
Construction Analyst. 725-4765
Charles Cabe
Construction Analyst. 725-4765
Raymond Meyer
Construction Analyst. 725-4765
Harry Springer
Chief Construction Inspector. 725-4771

Prince Bokovoy
Construction Inspector. 725-4771
Douglas Frank
Construction Inspector. Duluth. 218-725-4771
Arthur Hudgren
Rehabilitation Advisor. 725-4771
Veronica Daugherty
Wage Requirements Assistant. 725-4769
John Telfer
Engineering Technician. 725-4771

Planning and Relocation Branch
Tom Foley
Urban Planner. 725-4721
Robert Herbert
Codes Specialist. 725-4721

Housing Management Division
Curits Ewing
Director. 725-4821
Dan Larson
Housing Programs Coordinator. 725-4821

OSHA
Edward E. Eskowski
U.S. Dept. of Labor, Region 5 Officer. 300 S. Wacker Dr., Chicago, Ill. 60606, 353-4716
Vern Fern
Minneapolis Office of U.S. Dept. of Labor. 725-2571

State Offices

Governor Wendell R. Anderson
130 State Capitol, St. Paul 55155, 296-3391
Rudy Perpich
Lieutenant Governor. 105 State Capitol, St. Paul 55155. 296-2374
Warren Spannaus
Attorney General. 102 State Capitol, St. Paul 55155. 296-3291
Arlen Erdahl
Secretary of State. 180 State Office Bldg., St. Paul 55155. 296-3266
Richard L. Broechter
Administration, Commissioner. 208 State Administration Bldg., St. Paul 55155. 296-3862
Raymond B. Vecello
Assistant Commissioner. 114 Administration Bldg., St. Paul 296-6856
James R. Heltzer
Economic Development, Commissioner. 51 E. 8th St., St. Paul 55101. 296-2755
Gerald W. Christenson
Planning Agency, Director. 802 Capitol Square Bldg., St. Paul 55101. 296-4662
Wes Werner
State Fire Marshal. St. Paul Office 55155. 296-3584

Architectural and Engineering Division

Mpls./St. Paul Area Office, Room G-10, Administration Building, St. Paul

Paul F. Cummings
Director. 296-4640
Margaret Gilbertson
Secretary. 296-4640
Ellsworth F. Kohlman
Assistant Director. 296-4640
Bruce E. Taber
Architect. 296-4645
Gerald S. Robinson
Architect. 296-4648
Marlo W. Hansou
Architect. 296-4647
Greg A. Molitor
Architect. 296-4643
Lyle D. Nelson
Administrative Engineer. 296-4644
Harold S. Nelson
Administrative Engineer. 296-4646
Forrest P. Schultz
Civil Engineer. 296-4650
Thomas H. Fuller
Draftsman. 296-4651
Richard McLean
Draftsman. 296-4652
Lloyd Picha
Draftsman. 296-4654
Larry Severson
Contracts Officer. 296-4691

Building Code Division

Mpls./St. Paul Area Office, Suite 408, Metro Square Bldg., 7th and Robert St., St. Paul 55101

General Information
296-4639
Herbert W. Meyer
Director. 296-4626
Robert F. Rogers
Assistant Director. 296-4627
Richard L. Hauck
Section Chief. 296-4628
Elroy Berdahl
Inspector. 296-4634
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Metropolitan Agencies

Metropolitan Council, 227-9421
Fifteen members, all appointed by the governor, with confirmation by the Senate. Chairman, appointed at large, serves at governor's pleasure. Other members, appointed from combinations of legislative districts, serve 6-year terms.

John Boland, Chairman
Metro Sq. Bldg., Suite 300, St. Paul, Mn. 55101
Paul Thuet (1979)
District 1, 533 Southview Blvd., St. Paul, Mn. 55105, 4541-6411
Stanley B. Kegler (1977)
District 2, 650 Belmont Lane, Maplewood 55117, 573-4334
John S. Kozlak (1977)
District 3, 2928 Crestview Dr., St. Anthony 55418, 781-8300
Kingsley H. Murphy Jr., Dir.
Northland Station, Inc., (1979), 1821 1 2 Logan St., Mpls., Mn. 55403, 377-6680

Mrs. Alice Kreber (1979)
District 5, 4719 Yates Ave N., Mpls., Mn. 55429, 537-8785
Dennis W. Dione (1975)
District 6, V.P. Public Environmental Affairs, NW Bank, 1200 N.W. Bank Bldg., Mpls., Mn. 55400, 372-8656
Robert L. Hoffman (1977)
District 7, Suite 203 N.W. Financial Center, 7900 Xerxes S.
David L. Graven (1977)
District 8, 417 Tarrymore Ave., Mpls. 55419, 373-2129
E. Peter Gillette Jr. (1975)
District 9, 7120 laver Ave., Mpls. 55405, 372-8147
James L. Door (1975)

District 10, 1025 Washburn Ave., So., Mpls. 55411, 375-2991

Ms. Joan Campbell (1979)
Rev. Norbert E. Johnson (1975)
District 12, 1044 E. Hyacinth Ave., St. Paul 55106, 774-0344
Samuel A. Reed (1977)
District 13, 826 Hennepin Ave. S., Mpls. 55104, 725-4043
John J. Costello (1979)
District 14, 1 Elmer Fox Co., W., 37th 1st National Bank Bldg., St. Paul, Mn. 55101, 224-3379
Robert T. Jorvig
Executive Director
Carla Lechthaler
Acting Finance and Purchase Officer
Robert Nethercutt
Director Community Services and Public Information
Edward Maranda
Director Comprehensive Planning
Reynold Boeri
Director Human Resource Planning
Frank Lamm
Director Environmental Planning

Criminal Justice Advisory Committee
William Mavity
Program Manager
300 Metro Square Bldg., St. Paul 55101, 227-9421

Local Government Information System (LGIS)
Ted Willard
Acting Executive Secretary
300 Metro Square Bldg., St. Paul 55101, 227-9421

Metropolitan Health Board
Bruce Bredeson
Executive Director
300 Metro Square Bldg., St. Paul 55101, 227-9421

Regional Justice Information System (REJIS)
John Asmus
Executive Director
300 Metro Square Bldg., St. Paul 55101, 227-9421

Lawrence Dallam
Dir. Transportation Planning
300 Metro Sq. Bldg., St. Paul, Mn. 55101, 227-9421

Metropolitan Transit Commission
Nine members, all appointed to 4-year staggered terms. Governor appoints chairman. Others appointed in various ways by municipal and county officials in 7-country area.

Doug Kelm (1975)
2107 Iglehart Ave., St. Paul, Mn. 55104, 227-7343
Dean Fenner (1975)
3725 White Bear Ave., White Bear Lake 55110, 733-4664
Edward Hjermstad (1974)
Chanhassen, 55317, 474-8338
Leonard Levine (1975)
118 City Hall, St. Paul, Mn. 298-4473
Leonard Thiels (1975)
2910 Flag St., St. Louis Park, Mn. 55426, 333-1161
Bruce Nawrocki (1975)
1225 Polk Place NE, Columbia Hts., Mpls. 55421, 644-5400
Glen G. Olson (1974)
6021 10th Ave. So., Mpls., Mn. 55417, 330-5975
Walter Saxum (1976)
4901 18th Ave. So., Mpls., Mn. 55417, 331-2200
Four 80 unit apartment buildings, each with basement parking, four floors of units and a recreation center in each building, have been constructed on this site. These buildings utilized 8" solid bearing wall panels, 12" hollow core floor plank and Fabcon patented stairways of precast concrete. Carpet has been applied directly to floor plank. A total of 730,608 square feet of Fabcon floor plank and wall panels went into these buildings.

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Minneapolis Offices

General Information, 348-3000
Mayor Albert Hofstede
127 City Hall, Mpls., 55415, 348-2100

City Council
Meets 2nd and last Fridays, 9:30 A.M., 317 City Hall

Alderman
Sam Sivanich
Ward 1, 2358 Ulysses St., NE, 55418, 348-2201
Tom Johnson
Ward 2, 1712 Brook Ave, SE, 55414, 331-2271
Richard R. Miller
Ward 3, 2662 Marshall NE, 55418, 348-2203
John Deus
Ward 4, 3542 Xerxes Ave. No., 55412, 348-2204
Louis G. DeMars
Ward 5, 1910 Washburn, 321-1588
Earl Newal
Ward 6, 1800 6th Ave S., 55404, 331-7794
Lee McNinch Jr.
Ward 7, 702 Cedar Lake Rd. S., 55405, 374-1854
Ed Fellen
Ward 8, 3240 10th Ave S., 55407, 827-3381
Zolfe Green
Ward 9, 2400 Builer Pl, 55406, 348-2209
Keith Ford
Ward 10, 4053 Lyndale Ave S, 55409, 822-0213
Walker Rockenstein
Ward 11, 543 E. 57th St., 55417, 822-5983
Russell Green
Ward 12, 3957 25th Ave. So, 55406, 348-2212
Wm. (Bill) Neiman
Ward 13, 2915 W. 50th St., 55410, 927-9267

Assessor
Gordon Meier
235 City Hall 55415, 348-2391

Attorney
Keith Stidd
325M City Hall 55415, 348-2010

Capital Long-Range Improvements Committee
Charles R. Hanna
City Executive Secretary, 317M City Hall 55415, 348-2491

City Clerk and Commissioner of Registration
Lyall A. Schwarzkopf
311 City Hall 55415, 348-2215

Committee on Urban Environment
Edward Howe
Administrator Assistant, 305M City Hall 55415, 348-2032

Coordinator
Thomas A. Thompson
301M City Hall 55415, 348-2032

Administrative Services
Robert Bruce
Assistant City Coordinator, 301M, City Hall 55415, 348-2027
Board of Estimate and Taxation
Thomas P. Vasa
Secretary, 303 City Hall 55415, 348-2029

Environmental Control
Robert Molfitt
Director, 301M City Hall 55415, 348-3668

Fire
Clarence Nimmerfroh
Chief, 200 Grain Exch. Bldg. 55415, 348-2536

Health
Dr. L. A. Smith
Commissioner of Health, 230 So. 4th St, 55415, 348-2301

Housing and Redevelopment Authority
James Harrington
Executive Director, 217 So. 3rd St, 55401, 348-2511

Industrial Development Commission
Donald P. Risk
Executive Secretary, 305M City Hall 55415, 348-3050

Inspections
Donald A. Erickson
Director, 220 Grain Exch. Bldg., Mpls, 55415, 348-2631
Sol Jacobs
Deputy Director of Inspection

Planning and Development
Lawrence M. Irvin
Director, 301M City Hall 55415, 348-2580

Public Works
Clayton Sorenson
Engineer, 203 City Hall 55415, 348-2443

Saint Paul Offices

General Information, 298-4012
Mayor Lawrence D. Cohen (1974)

City Council
Meets daily, Tuesday through Friday, 10:00 a.m., 350 City Hall

Mrs. Ruby Hunt
Room 713, City Hall 55102, 298-5378; 1148 Edgcombe Road 55103

William Koskotzki
Director, 216 City Hall 55102, 298-5679; 1210 Randolph Ave. 55105

Leonard Levine
Room 701 City Hall 55102, 298-4473; 1987 Worcester Ave. 55116

Dean Meredith
Room 704 City Hall 55102, 298-4475; 1482 Taylor Ave. 55104

Patrick Roedel
Room 722 City Hall 55102, 298-5829

Victor Todesco
Room 701 City Hall 55102, 298-5506; 2160 Larry Ho Drive 55119

Administrator
Frank D. Maranetti
615 City Hall 55102, 298-4929

Roger Mattson
Assistant Administrative Aide, 615 City Hall 55102

Peter Hames
Assistant Administrative Aide, 615 City Hall 55102

Attorney
Scott Davies
647 City Hall 55102, 298-5121

Building Official
Glenn Erickson
445 City Hall 55102, 298-4212

Civic Center Authority
John E. Friedmann
Management Director, 143 W. 4th St, 55102, 224-7361

Clerk
Harry E. Marshall
316 City Hall 55102, 298-4231

Engineer
Richard Wheeler
City Hall 55102, 298-5221

Finance and Management Services
Robert Trudeau
Director, 113 City Hall 55102, 298-5125

Fire
Stephen F. Corson
Chief, 101 E. 10th St 55101, 224-7375

Health
Chief Health Officer, 555 Cedar St. 55101, 227-7741

Housing and Redevelopment Authority
Edward N. Helfeld
Executive Director, 55 E. 5th St. 55101, 298-5218

Parks
Thomas Kelley
Community Svc. Dtr.
Bob Piram
Superintendent of Parks 545 City Hall 55102, 298-4126

Planning and Zoning
Roger Ryan
Coordinatr, 3rd Floor, 421 Wabasha 55102, 298-4151

Port Authority
Robert Sprafka
Executive Vice President, 330 Minnesota Bldg., 55101, 224-5868

Rochester Offices

Mayor Alex Smekta
James F. Andre
City Administrator
Steven Kvenvold
Administrative Assistant

Department of Public Service

Carl Land
Director
Clifford C. Johnson
Building Inspector
Russell Olson
Building Maintenance-Street Lighting

Department of Research and Planning

Richard Loraus
Director
Gerald Kimball
Assistant Director
Richard Cihoski
Metropolitan Planning Director
John F. Sweaney
Duluth Transit Authority Resident Manager, 2630 W. Superior St.
C. Thomas Burke
Seaway Port Authority Executive Director, 1200 Garfield Ave.,
Mark Flaherty
City Administration Director, 311 No. 2nd Ave. W.
O. Richard Humes
Housing and Redevelopment Authority Director, 301 E. 2nd St.

Saint Cloud Offices

General Information
City Hall 251-5541

Alcuin Loehr
Mayor
Robert Freson
City Administrator
Sy Knopp
Engineering
Jack Warnes
Inspection
Chris Hagelie
Planning
The following may be of particular interest for prospective members as well as our present members. We welcome your interest, and urge you to read this information carefully. If you desire any further information please write or call:

Mrs. Mindy Leventhal
Executive Secretary
Minnesota Society of Architects
Suite 100 Northwestern National Bank Building
Saint Paul, Minnesota 55101
612-227-0761

The Minnesota Society of Architects, the professional organization for the Architects, is one of 164 representing all 50 states which are components of The American Institute of Architects. The Minnesota Society consists of approximately 600 members and has three Chapters, the Minneapolis Chapter, St. Paul Chapter and the Northeastern Minnesota Chapter. Southern Minnesota Architects are presently in the process of developing a Southern Minnesota Chapter. Through the Society’s committee activities and programs, architects seek to enhance the competency of the profession, to advance the standards of architectural education and practice, and to make the profession of ever increasing service to society.

There is a strong working relationship within the Society as can be evidenced by the success of our members’ participation in committee activities. At the present time, the Minnesota Society of Architects has approximately 30 working committees, most of which are involved with relevant issues of concern to architects and the society. Membership in the Minnesota Society of Architects at the Corporate, Professional Associate and Associate levels encourages your participation in these activities.

**Corporate Membership**

A Corporate member of the American Institute of Architects is the highest level of membership outside of the Fellowship. To be eligible for Corporate membership the following are required: must be a United States legal resident, must declare willingness to abide by AIA’s Standards of Ethical Practice, must have an honorable standing in community and must be able to give the names of five persons as references, three of whom shall be AIA members, must be licensed to practice architecture in one of the states.

Rights and privileges granted a Corporate member: may use the initials “AIA” or phrase, “Member of the American Institute of Architects,” as a suffix to name, shall be sent the AIA Journal, Memo and other regular mailing, shall be included on the AIA’s and chapter’s rolls, may serve on national and/or chapter committees, may hold national or chapter office, may speak, make motions and vote on matters at chapter meetings involving the affairs of the AIA and chapter, may serve as a delegate to the AIA’s annual meeting, receives discount on AIA documents.

Application blanks for Corporate membership can be obtained from the MSA office. When your application is completed an admission fee of $10.00 should accompany your application and be sent to the Secretary of the chapter for which you are making application.

As members of the AIA, Corporate members are subject to dues payment to the National AIA as well as the chapter and the MSA. Regular AIA dues for the first year are $32, $64 the second year and $96 the third year and subsequent years. During the second year of membership Corporate members are also subject to AIA Supplemental Dues, which are 4% of FICA tax paid the previous year multiplied by member’s percentage of participation in his firm.

Chapter dues are $40 annually, with the exception of outstate members who pay between $15 and $20 annually, according to chapter for which membership is made. Outstate members will also pay $5 for meetings they attend when a meal is served.

Dues to the Minnesota Society of Architects are $125 annually. This includes subscription to the Northwest Architect, mailings, publications, etc.

**Professional Associate Membership**

Professional Associate is the second category of membership in the Minnesota Society of Architects. This membership is primarily designed for licensed architects who cannot undertake the costs of National Membership. These members belong to the Minnesota Society of Architects only and are not members of the American Institute of Architects. To qualify for Professional Associate membership one must be a United States legal resident, must declare willingness to abide by AIA’s Standards of Professional Practice, must have an honorable standing in community and must be able to give the names of two AIA members as sponsors, must reside or work in the jurisdiction of the chapter in which application is made, and must be licensed to practice architecture in one of the states.

Rights and privileges granted a Professional Associate member are the following: may serve as a member of any chapter committee as well as participate fully in state and chapter affairs.

Applications for Professional Associate membership are also available from the MSA office and must be filed, with a $5 admission fee, with the Secretary of the chapter for which application is being made. Chapter dues vary according to the chapter in which membership is made, Minneapolis Chapter $30 annually, $40 annually for the St. Paul Chapter, the fee is $15 annually for outstate members of both chapters, plus payment at the door for each dinner.

Dues for the Minnesota Society of Architects are $35 annually for both chapters, this cost includes subscrip-
tion to the Northwest Architect, all mailings, publications, etc.

**Associate Membership**

Associate membership is designed for members of the profession who are not licensed to practice architecture. Associate members, like Professional Associate members, are not members of the AIA. Eligibility and qualifications for Associate membership are: must be a United States legal resident, must declare willingness to abide by the Bylaws and rules of the chapter, must have an honorable standing in community and must be able to give the names of two chapter members as sponsors, must reside or work in the jurisdiction of the chapter in which application is made, must be a draftsman or technical employee in an architect's office or, if engaged in other aspects of the profession, must be a graduate of a recognized school of architecture, and cannot be a licensed architect.

Rights and privileges granted an Associate member are the same as those of the Professional Associate member.

Annual dues for the Minneapolis Chapter are $27.50, $35 for the St. Paul Chapter and $10 annually for outstate members of both chapters, plus payment at the door for each dinner. Minnesota Society of Architects dues are $20 annually, which also includes subscription to the Northwest Architect, all mailings, publications, etc.

Applications for Associate membership are obtainable from the Minnesota Society of Architects' office and should be filed with the Secretary of the chapter for which application is being made. A $5 admission fee is also required.

The above are the most common types of membership. Other classifications are as follows:

1. Student Associate
2. Fellowship
3. Membership Emeritus
4. AIA Associate Membership
5. Honorary Membership
6. Professional Affiliateship.

Please contact the MSA Office for further details about these memberships.

**Dues Structure**

<table>
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<th>Chapter</th>
<th>Corporate</th>
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<th>Associate</th>
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<td>Minneapolis Chapter</td>
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<td>St. Paul Chapter</td>
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<td>Northeastern Minn. Chapter</td>
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* does not include AIA dues

**QUESTION MOST FREQUENTLY ASKED**

In which Membership Category should I apply?

If you are a registered architect and are practicing for yourself, or as a partner in a firm, you should apply for Corporate membership in the Institute.

If you are a registered architect who is employed by an architectural firm, or are engaged in architectural research, education, journalism or administration, you should apply as a Professional Associate or a Corporate.

If you are not legally registered as an architect, but are a graduate of a recognized architectural school, or a draftsman or technical employee of a firm, you should apply for Associate Membership.

**Must I Be a Professional Associate Before Becoming a Corporate Member?**

No, You May Join Immediately as a Corporate if You Qualify for That Category.

**What happens if I Am a Professional Associate and Open My Own Office?**

If you open your own office or become a partner in a firm, you may remain a Professional Associate for a maximum of three years before applying for Corporate Membership.

**How Much Will it Cost Me to Join the Minnesota Society of Architects?**

The answer to this depends on the membership category; however, compared to the benefits received, it is always a nominal fee. For a complete schedule of dues refer to the dues structure printed previously.

**May I Use the Initials “A.I.A.?”**

Only if you are a Corporate Member of the Institute. As a Professional Associate you may use the term “Professional Associate of the Minnesota Society of Architects, AIA”. As an Associate member, you may use the term, “Associate of the Minnesota Society of Architects, AIA.” Neither one of these terms may be abbreviated in any way, nor may the first part appear in smaller letters than the rest of the term.

**Does my Chapter Membership Include a Subscription to the “AIA” Journal?**

All Corporate members automatically receive a subscription as part of their annual dues to The Institute. Professional Associate and Associate members may subscribe to the Journal by sending the $5 subscription fee direct to the magazine. All members do, however, receive regular copies of the Northwest Architect, published by the Minnesota Society of Architects.

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Prof. Assoc.

ENGELSTAD, Robert D., AIA
Principal, Foss, Engelstad, Foss, 28 No.
3, Moorhead, 56560, 218/233-1202; Res.
1506 So. 12, Moorhead, 56560.

ENGELSTAD, Robert D., AIA
Project Architect, Miller, Hanson,
Westebank, Inc., 3033 Excelsior Blvd.,
Mpls., 55416, 920-8690; Res. 4916 Penn
Prof. Assoc.

ERICKSON, Bruce J.
Architect, 8933 Lyndale Ave. So.,
Bloomington, 55420, 888-2219; Res. 8538
Elliott Ave., Bloomington, 55420.

ERICKSON, Carl J.
Project Architect, Ellerbe, One Appletree
Square, Bloomington, 55420, 833-2305;
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Director of Design/Shareholder
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Project Manager, Setter, Leach &
Lindstrom, 1011 Nicollet, Mpls.,
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ERICKSON, Robert
Chief Draftsman Architectural
Resources, 704 E. Howard St., Hibbing,
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Chisholm, 55719, 254-3670. N.E. Assoc.

ERICKSON, Rodney E.
Job Captain/Specification Writer,
Armstrong, Torsek, Skold & Rydeen,
4901 Olson Memorial Highway, Mpls.,
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Corporate Architect, General Mills Inc.,
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ESTENSON, Hilman A., AIA
Iron River, Wis., 54847; Res. same. N.E.
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EWERT, Carl (Chuck) Jr.
Vice President for Development, Wold
Paul, 55102, 227-7773; Res. 2800 London
Ct., Burnsville, 55435-4305. St. Paul
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FLICK, Burton E., AIA
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Townsend, Stolte & Comb Inc.,
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Dept. Head, Townwood Institute, 818
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President, Horan Associates, Inc., 1200
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Res. 2879 Casco Point Rd., Wayzata,

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MORGAN, Robert L., AIA
Associate Architect/Planner, Landmark Development Corp., One Appletree Square, Bloomington, 55420, 853-2419; Res. 906 E. Minnehaha Pkwy., Mpls., 55417. 825-6771. Mpls. Corp.

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Senior Vice President, Ellerbe, One Appletree Square, Bloomington, 55420, 853-2226; Res. 888 W. Edgewater Ave., St. Paul, 55112, 484-3576. St. Paul Corp.

NELSON, Eugene C.

NELSON, Robert Ray, AIA
Executive Vice President/Treasurer, Wold Architects, 600 Osborn Blvd. St. Paul, 55102, 227-7773; Res. 704 Oak Grove Blvd., Richfield, 55423, 866-4815. St. Paul Corp.

NELSEN, Othmar L.
Supervisor Architect Department, 3M Co., 900 Bush St. Paul, 55106, 733-2145; Res. 3007 Cedarwood Court, Woodbury, 55119, 739-5878. St. Paul Assoc.

NIEMEYER, Calvin Michael

NIPPER, Thomas K.
Manager/Ellerbe Services, Ellerbe Architects, One Appletree Square, Bloomington, 55420, 853-2387; Res. 6257 Josephine Ave., Edina, 55434, 941-2764. Mpls. Prof. Corp.

NORDALE, David E.

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NORDGREEN, Wayne R., AIA
Vice President, Liebenberg, Smiley, Glotter, 1021 LaSalle Ave., Mpls., 55403, 332-1401; Res. 5011 Queen Ave. So., Mpls., 55410, 922-4998. Mpls. Corp.

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NOVAK, Charles D., AIA
P

PALAIA, Nicholas

PALLATT, Jay W.
1615 Louisiana Ave. So., St. Louis Park, MN 55416.

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PAULY, Robert F.

PEABODY, Arthur W., AIA

PECK, John D., AIA
Damburg and Peck Architects, Inc., 312 W. Superior St., Duluth 55802, 218/722-7467; Res. 4302 Robinson St. Duluth, 55804, 325-2030. N.E. Corp.

PEEPS, J. Calder, AIA

PERCICH, Angelo

PERRENOUD, Donald J., AIA
President, Perrenoud Architects, Inc., 183 So. Plaza Bldg., Mpls., 55416, 544-2773; Res. 6904 Mark Terrace Dr., Edina, 55435, 941-6387. Mpls. Corp.

PETERS, Lyle C.
President, Everett Thorsen, Architect, 500 Sellwood Bldg., Duluth 55802, 218/727-5056; Res. Rte. 6, Box 15, Duluth, 55804, 218/525-2634. NE Assoc.

PETERSON, C. Warren, AIA

PETERSON, Gene Stuart, AIA

PETERSON, Gerhard C., AIA

PETERSON, Kenneth H., AIA
Associate, Sovik, Mathre, Sathrum & Quanbeck, 205 So. Water St., P.O. Box 900, Northfield, 55057, 612/336-8679; Res. 219 Nevada, Northfield, 55057, 507/645-4577. Mpls. Corp.

PETERSON, Robert L.
Associate, Lindberg Pierce Inc., 512 Nicollet Mall, Suite 512, Mpls., 55402, 332-3339; Res. 16963 Weaver Lake Drive, Maple Grove, 55369, 425-4944. Mpls. Assoc.

PINAULT, Louis C., AIA
Highbanks Apartment, St. Cloud, 56301. Corp. Emeritus

PIPER, John W.
Draftsman, C. Everett Thorsen, Architect, 500 Sellwood Bldg., Duluth 55802, 218/727-5056; Res. 1323 E. 10th St., Duluth, 55805. NE Assoc.

POPE, Robert L., AIA

PORTER, Sanford
Fugelso, Porter, Simich and Whitman, Inc., President, 1100 Alworth Bldg., Duluth, 55803, 727-8841; Res. 5144 London Rd., Duluth, 55805, 525-4389. N.E. Assoc.

PRIEDITIS, Elmars A., AIA

PRINCE, Jerome
Chief Draftsman, R. Y. Sandberg & Associates, 505 E. 26th St., Hibbing, 55746, 263-7554; Res. 511 E. 45th St., Hibbing, 55746, 263-3092. N.E. Assoc.

QUANBECK, Robert M., AIA

RACCHINI, Peter L., AIA

RADWAY, John E.

RAFFERTY, George E., AIA
STADSVOLD, Byron, AIA
Vice President, Architectural Design Group, Inc., 1220 4th Ave. S.W.,
Rochester, 55901, 507/288-8100; Res. 377 Valley Ridge Court N.E.,

STAGEBERG, James E., AIA
Vice President, The Hodne/Stageberg Partners, Inc., 116 E. 22nd St., Mpls.,
55404, 871-1700; Res. 2507 W. 52nd St., Mpls., 55410, 922-7455. Mpls. Corp.

STAHL, Thomas H., AIA
President, Thomas H. Stahl, Inc., Architects, Suite 108, Northwest Center
Financial Center, 7900 Xerxes Ave. So., Bloomington, 55431, 835-7060; Res. 4808
W. 11th St., Bloomington, 55437, 888-3500. Mpls. Corp.

STARIIN, Donald E., AIA
Treasurer, Architectural Resources, Inc., 126 E. Superior St., Duluth, 55802,
727-8481; Res. 168 W. Austin St., Duluth, 55803, 724-0137. N.E. Corp.

STARR, Harold St. Clair
Retired; Res. 1717 Lakeview Drive, Duluth, 55803. NE Honorary.

STEED, Kenneth R.
Consultant to U. of M. Office of Physical Planning, University of Minnesota, 503
Morrill Hall, U. of M., Mpls., 55455, 373-5765; Res. 7638 Landau Drive,

STEGNER, Le Edward, AIA
Associate, Stegner, Hendrickson, McNutt & Sullivan, 105 No. 3d St., Marshall,

SULIVAN, Charles E., AIA
Associate, Liebenberg, Smiley, Glotter Associates, Inc., 3732 Valley Ridge Court N.E.,

SULIVAN, David R., AIA
Partner, Stegner, Hendrickson, McNutt & Sullivan, 105 No. 3d St., Marshall,

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Notes
Northrup Auditorium on the University of Minnesota Campus stands today as a monument to the arts, particularly fine music. For decades, it has been home of the Minnesota Orchestral Association where famous artists have performed the great musical works of our time.

The new Minnesota Orchestral Concert Hall, shown being erected of Prestressed Concrete, will carry on the traditions of fine music in the Midwest. Designed to provide the ultimate in atmosphere, comfort and enjoyment, the 2,670 seat hall will be surrounded by an open, airy three-level lobby where patrons can promenade and enjoy refreshments.

Pictured being hoisted into place is a 98 foot long giant single "T" roof beam. The component is a 98 feet long by 4 feet deep by 8 feet wide with special end diaphragm. There are 21 such beams, each weighing 40 tons covering a total of 16,630 square feet. These Prestressed Concrete beams provided many construction advantages: Fabricated off the job site and independent of high-priced, on-site construction cost factors; pieces shipped as needed to the job-site; erection was fast and trouble-free.

The completed concert hall is in itself a work of art — fully functional, comfortable and enjoyable — a source of true pride to the Upper Midwest.

PROJECT: Minnesota Orchestral Association Concert Hall
ARCHITECT: Hamel, Green, Abrahamson, Inc.
ENGINEER: Meyer, Bergman and Johnson, Inc.
PHOTOGRAPHY: Courtesy of the Minneapolis Star and Tribune

Taking Thought with Prestressed Concrete

The Thoughtful Designer will specify:

PRESTRESSED CONCRETE, INC.
The 1968 Declaration of Independence for architects.

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TOTC people have installed thousands of business phones. We know phones. We know communications. And we're with The Other Telephone Company because here we have freedom to choose equipment that's right for the job... the best equipment made by ITT, Northern Telecom, Stromberg-Carlson, Voycall and many more famous names in communications.

We start where Bell leaves off. And take care of every system we install... no red tape... no waiting for maintenance. You just ask any one of the hundreds of businesses who own a TOTC system. They'll tell you.

One more thing: When THE OTHER TELEPHONE COMPANY man calls on you he'll put everything in writing... the equipment cost... maintenance cost... depreciation cost... and just how much your client will save.

Make us prove it.

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