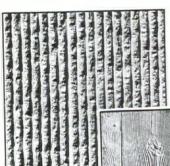
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## THE PUNCH LIST



#### The Punch List

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Although the present format of the Wisconsin Architect has been that of a newsletter, we thought we should include a picture of each of the 1975 Award winners for those who did not get a chance to see the displays at the Convention. As you recall, this was the first year that, in addition to design criteria, the Jury used energy conservation, and accessibility criteria in the judgement.

In addition, the entry slip solicited response on several ques-

tions for the 1976 Honor Awards Program. The responses indicated that although some members did not approve of categorization in the Honor Awards Program, the majority of respondents would favor adding a category for Historical Preservation and a category for Renovation Projects.

Chairman of this year's Honor Awards Program was Jerry Spencer, A.I.A., Madison. Honor Award
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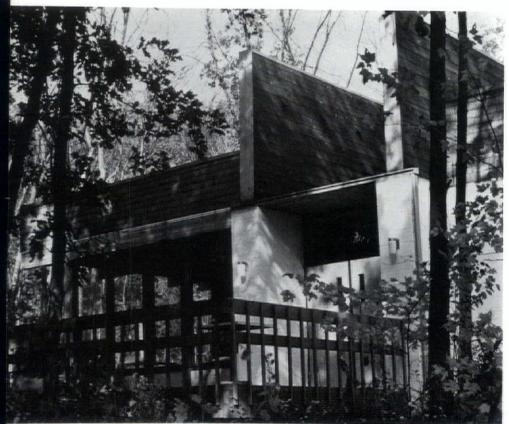
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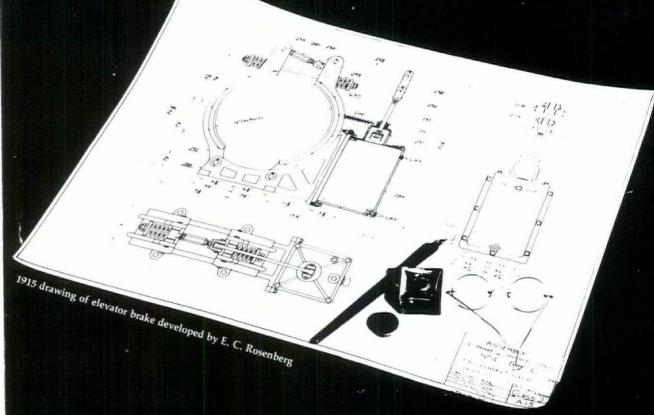
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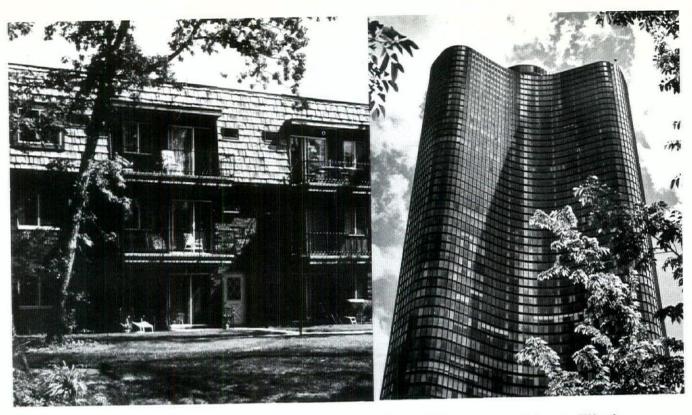




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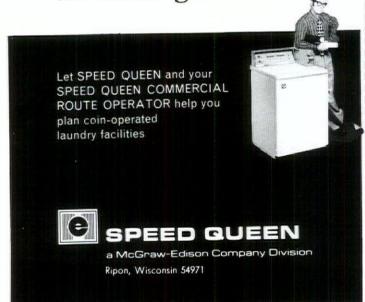
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## THE PUNCH LIST

The Legislative Committee, Chaired by Nathaniel W. Sample, F.A.I.A., is expanding its work because of the many legislative and governmental concerns. The Legislative Committee, in turn, is expanding and will be meeting regularly to review legislative Bills to recommend Chapter position to Executive Committee. The Legislative Scoreboard will be reproduced in the Wisconsin Architect regularly, so that all members are informed of Bills pending, and governmental agency actions. Comments on the bills below were written by Ray Tomlinson, W.A.I.A. Legal and Legislative Representative. Additional information on any of the concerns may be obtained by contacting the Chapter Office, or

Nat Sample. In addition, a Legislative Minute-Man program will be developed. We hope you will want to participate, since many of the legislative concerns could have very important and direct impact on the architectural profession in Wisconsin.



LEGISLATIVE SCOREBOARD

AB 127 - Wahner:

**BARRIER-FREE DESIGN IN A-E LICENSING EXAM** — Requires A-E Board to include questions about barrier-free design for the physically disabled in the licensing examination given architects and engineers. STATUS: Adopted as statute. W.A.I.A. POSITION: W.A.I.A. did not object.

AB 128 — Jackamonis:

**SAFETY GLASS IN HAZARDOUS LOCATIONS** — Requires safety glass in exits and entrances, storm doors, bathtub enclosures, and other "hazardous locations", in both public and private buildings. STATUS: Before Committee. W.A.I.A. POSITION: No position taken.

AB 133 - Wahner:

ADMINISTRATIVE CODE REVISION — Shifts disciplinary function of A-E Board (and all Boards) to a new Administrative Office. Creates an administrative review commission which centralizes and coordinates hearing examiner functions in state agencies, including the Board of Architects, et al. The effect of the bill would be to remove from the Board of Architects, et al, certain powers regarding administrative hearings that it currently possesses. May decrease the amount of input received from the Board of Architects in reviewing disciplinary matters coming before it regarding registered architects. STATUS: Before Committee. W.A.I.A. POSITION: No position taken.

AB 155 - Wahner:

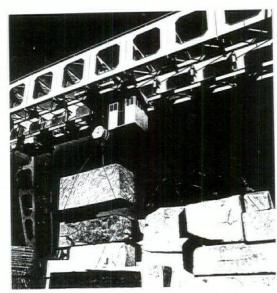
**EXPANDING ACCESSIBILITY TO BUILDINGS FOR PHYSICALLY DISABLED** — Eliminates current exemptions and includes **entire** building. Requires any place of employment or public building constructed on or after July 1, 1975, to be designed to insure reasonable access for physically disabled persons. Eliminates current exemptions and will result in increased regulation and construction costs. STATUS: Before Committee. W.A.I.A. POSITION: No position taken yet, as more detail is needed. Legislative Committee and Barrier Free Architecture Committee are reviewing.

AB 163 — Judiciary Committee:

**ADMINISTRATIVE CODE REVISION** — Substantially the same as AB 133. STATUS: Before Committee. W.A.I.A. POSITION: No position taken.

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AB 222 — Gov. Lucey:

EXECUTIVE BUDGET BILL - Shifts personnel powers from A-E Board to Department of Regulation and Licensing. Proposes to remove from the individual examining boards (including the A-E Board) the right to appoint staff personnel, and places that appointment power with the Secretary of Regulation and Licensing. Represents a shift in the structure of the Department of Regulation and Licensing. Currently the individual boards are fairly autonomous and look only to the Secretary of the Department of Regulation and Licensing for administrative assistance. If enacted, the proposed changes would decrease the autonomy of the individual boards and centralize and strengthen the power of the Secretary of the Department of Regulation and Licensing. STATUS: Before Senate. W.A.I.A. POSITION: No position taken.

**AB** 354 — Munts, Ferrall:

PUBLIC MEMBERS ON EXAMINING BOARDS — Provides for the appointment of public members to many of the examining boards, including the A-E Board. Also increases the membership of the A-E Board to 16 members and provides that members of the Board will be appointed without the assistance of lists submitted by the private societies as required by the current statutes. A continuing question remains regarding how many public members should be placed on each board and whether the public members should be allowed full participation in all areas of board activity. STATUS: Before Assembly. W.A.I.A. POSITION: Support.

AB 536 — Sanasarian:

ELIMINATE EXEMPTION FROM TESTING FOR A-E's WORKING FOR UTILITIES - Eliminates the present exemption allowed professional engineers, designers of engineering systems and land surveyors who are employees of public utilities from the registration requirements of the examining board of architects, et al. STATUS: Before Committee. W.A.I.A. POSITION: No position taken.

AB 565 — Ferrall, et al:

**EXAMINATION OF ARCHITECTS AND ENGINEERS** — Provides that the Examining Board of Architects, et al, may only use ONE uniform examination not exceeding 16 hours in length to test applicants for registration as architects or professional engineers. If enacted will destroy national testing standards and additionally sets Wisconsin apart from all other jurisdictions in terms of the qualifications of its registered professional architects. The Department of Regulation and Licensing is currently monitoring the hiring of a testing consultant to review the current examination process and make recommendations regarding any necessary change. STATUS: Before Committee. W.A.I.A. POSITION: Matter currently referred to Dept. of Regulation and Licensing for purposes of independent consultant study. Chapter is following developments in coordination with National A.I.A., and N.C.A.R.B.

AB 566 — Ferrall, et al:

RECREATE A-E BOARD — Same as AB 565, but also changes makeup of A-E Board. Creates in the Department of Regulation and Licensing a division of architects, professional engineers, designers and land surveyors, administered by a joint board, consisting of the Chairman of each of the examining boards and two consumer representatives appointed by the Governor. The bill also incorporates the terms of AB 565, discussed above. All members of the Board are appointed by the Governor, and the architects board is prohibited from administering oral examinations in reviewing applicants for registration. Questions raised also regarding the effectiveness, efficiency and representation on the Examining Board of Architects if created pursuant to AB 566. STATUS: Before Committee. W.A.I.A. POSITION: Other than 16 hour Exam requirement, the W.A.I.A. Supports.

AB 824 — Ferrall and Early: RESPONSIBILITY OF ARCHITECT FOR PROFESSIONAL SERVICES — Provides that architects may not relieve themselves of responsibility for services rendered by use of hold harmless agreements in their contracts with others. The Bill only speaks to architects, and is not directed to other professionals (contractors, engineers, etc.) who use similar clauses. The bill is a limitation on the rights of architects to contract and among other results, may increase insurance premiums due to increased liability. STATUS: Before Committee. W.A.I.A. POSITION: Oppose.



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SJR 28 — Thompson and Hollander:

LICENSE RENEWAL FOR PROFESSIONALS — Requires research and hearings investigating license renewal requirements for professionals. Input necessary with regard to the necessity of a mandatory system of testing for continued professional competence. Also input necessary regarding methods of evaluating professional eompetence and/or the ability of professional societies and/or the individual professionals to effect continued competence without the requirement of a mandatory system of evaluation in testing. STATUS: Passed Senate, now before Assembly. W.A.I.A. POSITION: Support study, but object to renewal of registrations.

SB 105 - Berger:

**FAMILY DWELLING CODE** — Creates a one and two-family building code to be administered by the Department of Industry, Labor and Human Relations. Would establish state-wide construction standards and inspection procedures for one and two-family dwellings. STATUS: Before Joint Committee on Finance. W.A.I.A. POSITION: No position taken. Legislative and Code Committees are studying.

SB 106 - Berger:

MANUFACTURED BUILDING CODE — Authorizes the adoption of a state-wide manufactured building code regulating the manufacturing installation of dwellings and components, other than mobile homes, by DILHR. STATUS: Before Joint Committee on Finance. W.A.I.A. POSITION: No position taken. Legislative and Code Committees are studying.

SB 287 — Senate Audit Committee: CHANGE ORDERS APPROVED BY GOVERNOR — Requires contract change orders in excess of \$2,500 to be approved by Secretary of Administration. All change orders involving expenditures of \$15,000 or more must also be approved by the Governor. STATUS: Before Committee. W.A.I.A. POSITION: No position taken to date. Under study by the Legislative Committee and the AIA/BFM Liaison Committee.

SB 312 — Senate Audit Committee:

SELECTION OF A-E's ON STATE JOBS — Would create a five-man committee (four must be A-E employees of Department of Administration, to select architects and/or engineers for state projects, with input from the contracting agency if the job was over \$250,000. Five-man committee would also prepare a written analysis of the AE's performance. Yet to be determined is whether a written analysis prepared by the committee will be public or private records. There is also a continuing debate as to whether the members of this committee can participate in approving or denying change orders on the projects in which they participate in selecting the architect or engineer. STATUS: Before Committee. W.A.I.A. POSITION: No position taken yet. Legislative Committee and AIA/BFM Liaison Committee are studying the matter.

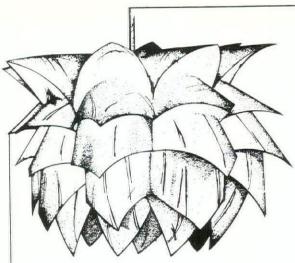
SB 338 — Thompson:

**HEALTH & SOCIAL SERVICES** — Function of Health & Social services in Licensing and Regulating Community based facilities. Bill would remove from the DILHR, certain licensing and regulatory functions which would increase the control of the Health and Social Services Department, with regard to submission and approval of plans by that Department. It would take away from DILHR, certain functions which DILHR has expertise in. STATUS: Before Assembly Committee: W.A.I.A. POSITION: Opposed.

#### SUBJECT:

MISCELLANEOUS MATTERS PENDING:

- 1. **Statute of Limitations:** Presently no protection for those who perform improvements to real property (architects, engineers, contractors, etc.) Legislative Committee is investigating cooperative effort with W.S.P.E., C.E.C. and others in initiating a redrafting of statute.
- 2. **High-Rise Fire Detection & Protection:** DILHR has adopted a continuation of emergency rules which emphasize sprinklers and allow alternative suppression systems only on petition. Apparently fire chiefs and sprinkler installers are content with status quo.
- 3. Examination of Applicants for Registration as Registered Architects: Department of Regulation & Licensing in the process of hiring a testing consultant. Initial review by consultant to commence 8/1/75 and to be completed 11/1/75. Further legislative action on AB 565 and 566 tentatively tabled subject to completion of review by testing consultant.



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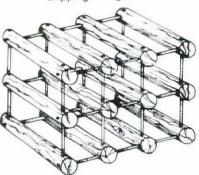
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Effective Wednesday, June 18, 1975, the Department of Industry, Labor and Human Relations agreed to suspend IND 51.02 (16) as directed by the Joint Committee for Review of Administrative Rules. The directive was composed of two parts:

Directive 1: Directs the Department to hold public hearings on energy conservation in buildings. This directive includes the selection of a new committee to be composed of "members who equally represent labor, industry and the environment". Knowledgeable volunteers as Chapter representatives are requested.

Directive 2: Directs the Department to insert in Section IND. 51.02 (16) (b) a list of illustrative examples of innovative systems that would be acceptable.

#### EXECUTIVE COMMITTEE ACTIONS

Carl H. Gausewitz, A.I.A., has accepted the Architecture Week Chairmanship for 1975. He will be assisted by Gordon D. Orr, Jr., A.I.A. Architecture Week is scheduled for mid October. The Executive Committee approved a request by the Western Section for \$250.00 to assist in the State-wide Student Luncheon to be conducted during the Christmas Holidays. The Northern Section has already donated \$100.00 to the Western Section for the University Student Program. The annual program was to be dropped because of Western Section budgetary support, but it was felt by the Executive Committee that this program should continue.

Thomas H. Flad, A.I.A., was confirmed by the W.A.I.A. Executive Committee as the 1976 Convention Chairman. In addition, The Abbey on Lake Geneva was approved as the 1976 Convention site.

#### BY-LAWS APPROVED

A communication received from Hilliard T. Smith, F.A.I.A., Secretary of the Institute, indicated the approval of the Bylaws for the new Wisconsin Society of Architects. The next step is to get approval of the changes from Section to Chapter. The latter must be accomplished before actual chartering takes place.

#### RECENT MEMBERSHIP ACTIONS

The following membership actions were recently approved by the W.A.I.A. Executive Committee:

#### MEMBERSHIP ADVANCEMENTS

GARY J. KUCKO, A.I.A. — Corporate member of the Northern Section.

JOSEPH J. WEILER, A.I.A. — Corporate Membership Emeritus of the Western Section.

PAUL C. BRUST, A.I.A. — Corporate Membership Emeritus of the Southeast Section.

#### NEW MEMBERS

ROBERT L. PFEIFER — Professional Associate member of the Southeast Section.

PETER S. RENNER — Associate member of the Southeast Section.

DAVID E. HALEY, A.I.A. — Corporate member of the Western Section.

DALE T. VOLKENING — Associate member of the Western Section.

PHILIP S. ALONGI — Student Associate member of the Southeast Section.

DENNIS M. SPINDLER — Student Associate member of the Southeast Section.

#### READMISSION TO MEMBERSHIP

DONALD W. POLKINGHORNE — Associate member of the Northeast Section.

EDWARD A. SOLNER, A.I.A. — Corporate member of the Western Section. JAMES W. SCHAEFER — Associate member of the Southeast Section. We Are Proud To Have Been Selected General Contractors For The Award-Winning

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W.A.I.A. OFFICE LOCATION TASK FORCE

UWM DEAN SELECTION EXPLAINED

In March, President Dick Shutter appointed a Task Force to look into the location of the Chapter Office as it serves the membership. Members of the Executive Committee had expressed a need for additional services of the staff with regard to the strong legislative effort needed in Madison. At the June meeting of the Executive Committee, Brian Larson, Chairman of the Task Force reported on two recommendations which came about after lengthy discussion and study by the Task Force. It was recommended that the Chapter add one staff person reporting to the Executive Director and the Executive Committee, who would work primarily with Governmental Affair. This person would represent the profession, monitor legislative Bills, and keep the Executive Committee and membership informed of legislative and Governmental Affairs. The second recommendation was that the staff person mentioned, would operate out of a second W.A.I.A. office located in Madison. The Executive Committee agreed in principle with the recommendations of the Task Force, and referred the recommendations to the Chapter Financial Task Force and the Legislative Committee. The Financial Task Force will look into the feasibility of the program, and the Legislative Committee and staff will work on the outline of the duties of the new staff person, which would include some duties in addition to Governmental Affairs. Those serving on the Task Force, in addition to Chairman, Brian F. Larson, A.I.A., are Kenneth C. Kurtz, A.I.A., President Richard C. Shutter, A.I.A., Nathaniel W. Sample, F.A.I.A., David E. Lawson, A.I.A., and Alan J. Carlson, Executive Director.

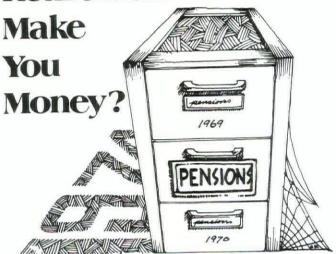
As announced in the May 1975 **Wisconsin Architect**, Dr. Anthony Cantanese, has been selected as Dean for the UWM School of Architecture and Urban Planning (SARUP). In order to understand the search and selection process used by UWM, Professor Robert M. Beckley, A.I.A., Chairman of the Architecture Department, has provided the following review of the process.

Catanese succeeds Dean John W. Wade, the first dean of the UWM School of Architecture (and now the School of Architecture and Urban Planning-SARUP), who has resigned to return to teaching and research. Under Wade's direction, the School, established in 1967, has grown to a faculty of 30 in the Department of Architecture and 10 in Urban Planning, with a student body of 416:257, undergraduates and 159 graduates. Three degree programs are offered in SARUP: the Bachelor of Science in Architectural Studies, a Masters of Architecture and a Masters of Urban Planning.

A Dean Search Committee was formed by the Chancellor, in the early Fall of 1974, to make recommendations to him for a new Dean. The Search Committee was formed following University guidelines for filling such vacancies. A nine person Committee consisted of four faculty from within the School of Architecture and Urban Planning; Prof. Robert M. Beckley, Prof. Donald Glickman, Prof. David Sawicki and Prof. Sammis White, two students from the School; Mark Humphrey an undergraduate student in Architecture and Randy Eckes a graduate student in Architecture and three faculty from outside the School; Prof. Damie Stillman, Department of Art History and Chairman of the Committee, Prof. Martine Meyer, Department of French and Italian representing the University Committee and Dean Robert Corrigan of the School of Fine Arts.

The Committee carefully established criteria for a new Dean and initiated a nation wide search with announcements of the position going to schools, professional offices and publications across the country. Over 70 candidates submitted their resumes for consideration by the Committee. The candidates represented a broad cross section of professional and academic experiences including 49 who had a background in architecture or disciplines connected with it, 15 candidates with a background in planning or disciplines connected with it and 6 candidates with a background in neither. The Committee selected a cross section of eleven people with diverse backgrounds for a personal interview and recommended three candidates to the Chancellor for the position. The Committee searched for a Dean who had demonstrated administrative ability, and understanding of the needs of both the architectural and planning professions and a distinguished record of both educational and professional experience.

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616 S. Military Rd. Fond du Lac, Wisconsin The selection of Dr. Catanese as Dean gives the School a young experienced administrator. Catanese administrative experience at the University of Maimi and Georgia Institute of Technology has given him a background in both architectural and planning programs in education. In addition, he has distinguished himself in professional activities both as a consultant and in professional organizations.

Dr. Catanese is a past vice president of the American Institute of Planners and is currently a candidate for national president of that organization. He has been active professionally as a writer publishing numerous articles and books and he has maintained an active consulting role in the planning profession.

Dr. Catanese will assume his responsibilities as Dean in July.

SECTION DEVELOPS ENVIRONMENTAL POLICY

DEFINING THE SCOPE OF ENVIRONMENTAL POLICY Robert D. Cooper, Associate Member of the Southeast Section, representing the W.A.I.A. at a Milwaukee Environmental Policy Committee meeting, offered assistance from W.A.I.A. As a result, an Environmental Policy Statement was developed and forwarded by President, Thomas M. Slater, A.I.A., as a statement of concern from the profession to the City Government. The Environmental Policy Statement is reproduced for your information as follows:

Environmental policy of any kind must begin with understanding the vast scope of the word "environment" itself. Loosely defined environment is simply one's surroundings, i.e. the physical and aesthetic impact of all elements of existence, natural and manmade, which give a human his place in time. Such a definition is so broad in scope that it must be effectively limited to those areas of existence which are humanly controllable. Since our natural surroundings are both self-perpetuating and self-limiting, man functions within nature's limits, rarely adding to and frequently detracting from the natural balance. However, since man is not nearly as comfortable in his natural surroundings, he has built his own special environments designed to make his existence less precarious. The conflict between this built environment and that which is occurring naturally is the crux of all environmental issues; i.e. when does man's designed environment produce highly negative effects in his natural environment? The rivers of all American cities, the very real presence of the natural environment in a man-built one, is an excellent example of an edge between these two "surroundings". Noise pollution is an equally strong example of the conflict which results from the juxtaposition of a highly complex natural environment of highly integrated and functional parts with the piecemeal "built environment" with its many inconsistancies and uncontrollable parts. Although many of these conflicts are inevitable, frequently they are controllable if recognized. These are conflicts of the large scale "macro-environment" which may also be found, to a lesser extent at the "micro-environmental" level. The "microenvironment" is that specific group of elements which immediately surround us in our daily lives. Rarely are we aware of the entire extent of the river, but daily we are aware of that part of the river which we cross on our way to work or, even more locally, that part of the river which is our daily water supply for cooking and bathing. Thus the waste piling up in our neighborhoods, the chemical taste of the drinking water, the litter in our streets, the smog in our air, and the noise of street traffic affect us all in our micro-environments. Some of these items are controllable at the neighborhood level, but often the solutions to these problems must be sought at the macro-environmental level where the causes of the problems we sense locally are shaped. Dealing with environmental policy therefore implies dealing with the large scale and generalized physical "surroundings" which produce the specific and particular unbalanced local "surroundings" in which every individual travels.

Conflicts in the physical environment also cause conflicts in the social environment. Deterioration of neighborhoods — the urban blight menace — generates both a sense of frustration and depression in those caught in places which they did not and would not choose — frustrations which can lead to criminal or anti-social behavior. The reverse also can occur in the expensively built suburban environments whose monotony produces a

#### The following statement was issued in Washington, D.C., by 32 of the nation's most respected scientists, including 11 Nobel Prize winners. We feel the statement is highly significant, especially in light of current discussions about nuclear power in Wisconsin, and deserves to be brought to your attention.

We, as scientists and citizens of the United States, believe that the Republic is in the most serious situation since World War II. Today's energy crisis is not a matter of just a few years but of decades. It is the new and

predominant fact of life in industrialized societies.

The high price of oil which we must now import in order to keep Americans at their jobs threatens our economic structure-indeed, that of the Western World. Energy is the lifeblood of all modern societies and they are currently held hostage by a price structure that they are powerless to influence.

In the next three to five years conservation is essentially the only energy option. We can and we must use energy and existing energy sources more intelligently. But there must also be long range realistic plans and we deplore the fact that they are developing so slowly. We also deplore the fact that the public is given unrealistic assurances that there are easy solutions. There are many interesting proposals for alternative energy sources which deserve vigorous research effort, but none of them is likely to contribute significantly to our energy supply in this century.

Conservation, while urgently necessary and highly desirable, also has its price. One man's conservation may be another man's loss of job. Conservation, the first time around, can trim off fat, but the second time

will cut deeply.

When we search for domestic energy sources to substitute for imported oil, we must look at the whole picture. If we look at each possible energy source separately, we can easily find fault with each of them, and rule out each one. Clearly, this would mean the end of our civilization as we know it.

Our domestic oil reserves are running down and the deficit can only partially be replaced by the new sources in Alaska; we must, in addition, permit off-shore exploration. Natural gas is in a similar critical condition; in the last seven years new discoveries have run far below our level of gas consumption. Only with strong measures could we hope to reverse this trend.

We shall have to make much greater use of solid fuels. Here coal and uranium are the most important options. This represents a profound change in the character of the American fuel economy. The Nation has truly great reserves of these solid fuels in the earth. Our economically recoverable coal reserves are estimated to be 250 billion tons and exceed the energy of the world's total oil reserves. Our known uranium ores potentially equal the energy of 6,000 billion tons of coal; lower grade ore promises even more abundance.

The U.S. choice is not coal or uranium; we need both. Coal is irreplaceable as the basis of new synthetic fuels to replace oil and natural gas.

However, we see the primary use of solid fuels, especially of uranium, as a source of electricity. Uranium power, the culmination of basic discoveries in physics, is an engineered reality generating electricity today. Nuclear power has its critics, but we believe they lack perspective as to the feasibility of non-nuclear power sources and the gravity of the fuel crisis.

All energy release involves risks and nuclear power is certainly no exception. The safety of civilian nuclear power has been under public surveillance without parallel in the history of technology. As in any new technology there is a learning period. Contrary to the scare publicity given to some mistakes that have occurred, no appreciable amount of radioactive material has escaped from any commercial U.S. power reactor. We have confidence that technical ingenuity and care in operation can continue to improve the safety in all phases of the nuclear power program, including the difficult areas of transportation and nuclear waste disposal. The separation of the Atomic Energy Commission into the Energy Research

and Development Administration and the Nuclear Regulatory Commission provides added reassurance for realistic management of potential risks and benefits. On any scale the benefits of a clean, inexpensive, and inexhaustible domestic fuel far outweigh the possible risks.

We can see no reasonable alternative to an increased use of nuclear

power to satisfy our energy needs.

Many of us have worked for a long time on energy problems and therefore we feel the responsibility to speak out. The energy famine that threatens will require many sacrifices on the part of the American people, but these will be reduced if we marshal the huge scientific and technical resources of our country to improve the use of known energy sources.

#### ENERGY POLICY STATEMENT Issued in Washington, D.C., January 16, 1975 by:

\*Luis W. Alvarez—Lawrence Radiation Laboratory, University of California Peter L. Auer-Director, Laboratory of Plasma Studies, Cornell University Robert F. Bacher - Department of Physics and Department of Electrical Engineering, University of Illinois

William Baker-President, Bell Laboratories

\*John Bardeen – Department of Physics and Department of Electrical Engineering, University of Illinois

\*Hans A. Bethe-Organizing Chairman, Laboratory of Nuclear Studies, Cornell University

\*F. Bloch-Department of Physics, Stanford University Norris E. Bradbury-Former Director, Los Alamos Scientific Laboratory Harold Brown-President, California Institute of Technology

Richard Chamberlain-Chairman, Department of Radiology, University of Pennsylvania

Cyril S. Comar - Professor of Physical Biology, Cornell University Arthur Kantrowitz—Avco-Everett Research Laboratory, Everett, Massachusetts

Ralph E. Lapp-Energy Consultant, Alexandria, Virginia \*\*\*Joshua Lederberg - Department of Genetics, Stanford University

\*\*Willard F. Libby—Department of Chemistry, University of California at L.A. Franklin Long—Professor of Chemistry, Center for Science, Technology and Society, Cornell University

\*\*Edwin M. McMillan—Lawrence Radiation Laboratory, University of California Kenneth S. Pitzur - Professor of Chemistry, University of California at Berkeley

\*Edward M. Purcell – Department of Physics, Harvard University \*I. I. Rabi – Professor of Physics, Emeritus, Columbia University

Norman Rasmussen-Department of Nuclear Energy, Massachusetts Institute of Technology

Roger Revelle-Director, Harvard Center for Population Studies #Glenn T. Seaborg—Department of Chemistry, University of California Frederick Seitz-President, Rockefeller University

Edward Teller - Lawrence Radiation Laboratory, University of California

James Van Allen – Department of Physics, University of Iowa Warren Weaver - Mathematician, New Milford, Connecticut

Alvin M. Weinberg-Formerly Director, Oak Ridge National Laboratory

Victor Weisskopf – Department of Physics, Massachusetts Institute of Technology

Edward Wenk, Jr. - Director, Program on Social Management of Technology, University of Washington
\*Eugene P. Wigner—Professor of Theoretical Physics, Princeton University

Richard Wilson-Department of Physics, Harvard University

(Professional affiliation is listed for identification purposes only.)

\*Nobel Prize in Physics \*\*\*Nobel Prize in Chemistry \*\*\*\*Nobel Prize in Physiology and Medicine

We agree with these distinguished scientists that the nation is in grave peril from the energy crisis. We agree that conservation is urgently necessary and highly desirable. And we agree that we must make greater use of solid fuels-coal and uranium. We, too, can see no reasonable alternative to an increased use of nuclear power to satisfy our energy needs.

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boredom which also leads to anti-social behavior as a form of release and an expression of individualism. This does not imply that the correction of all environmental inadequacies would eliminate crime and the other forms of anti-social behavior, but states only that social concerns and environmental concerns are inseparable and interwoven.

Since the urban form is the largest man-made environment, the city is the point where the conflicts between the natural environment and the built environment are the most acute and where the social impact of environmental policy would be felt the most at both macro- and micro-environmental levels.

#### MACRO-ENVIRONMENTAL CONCERNS

What, then, are the areas of macro-environmental concern which can be better controlled in our city? Waste control is a crucial concern for any city. In history, the advent of sewerage systems was the advent of the city. Man could not live in a highly dense environment, if he were unable to rid himself of both bodily wastes and the wastes created through the process of living. In the past cities chose to wash wastes away with water to a distant spot where they could be buried or were, at least, outside the environs of the city. Milwaukee's recycling of sewerage, as milorganite, is a significant step towards reversing this trend. This type of useful waste recycling should be expanded. The volume of sewerage wastes in our city is at a level where we cannot afford to slough it off and deny its existence. Positive recycling of urban sewerage would place Milwaukee in the forefront of American cities in dealing with a major environmental problem basic to the existence of all cities. In concert with this, the concept of washing wastes away with water has been expanded at the urban level to include a variety of manmade industrial wastes. The result is the pollution of our streams and rivers with foreign and potentially hazardous substances. Since the city must continue to advance technologically to maintain its viability, these wastes are produced at a tremendous rate with minimal safeguards. Safeguards are expensive, cutting profit and reducing the speed of technological advance. Thus the city is caught in the problem of how to eliminate water pollution and, at the same time, retain economically viable industrial production. At this point, environmental policy should be used as a method for determining the balance of interests to be served to maximize both ends although not completely satisfying either.

Industry is also a major contributor to air pollution. Airborn chemical wastes invisibly invade the air all city-dwellers breathe and are carried by the wind far beyond city limits. These wastes could be controlled through a rigorous environmental policy on air pollution, using the same restraints required in water pollution control. In conjunction with this, another source of air pollution should also be considered - the internal combustion engine propelling our means of transportation. The automobile and truck are constant emitters of toxic gases whose impact is severely felt when the number of vehicles in a given area is greatly increased as in our cities. The concept of rapid point-to-point transportation has led on one hand to greatly accelerated economic and technological advances and on the other hand to a dispersal of urban man farther and farther from the city center. This has three main effects. First, it requires a majority of urban inhabitants to travel to places of employment and entertainment by motorized vehicle, producing vast traffic and parking problems as these vehicles converge on the city with an attendant increase in air pollution. Second, it carries the man-built environment further from the urban center to further intrude into the natural environment. Third, it makes living outside the city while working in the city feasible — depleting the tax funds which the city desperately needs to attack its environmental problems. Since motorized transportation has such a strong impact on our region, its control, coupled with alternate and cleaner modes of mass transportation should be of prime concern in the formulation of any environmental policy statement.

#### CONFLICT OF BUILT-ENVIRONMENT AND NATURAL ENVIRONMENT

To effect urban changes, environmental policy must also be in tune with the points of conflict between the natural environment and the man-made or built-environment. As architects, we are aware that the placement of any



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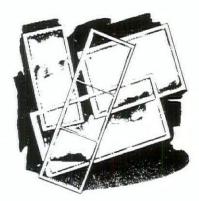
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building or group of buildings necessitates a compromise of the natural environment into which it is placed. Conversely, as landscape architects will attest, natural elements in a totally man-made setting will be a compromise to the man-made structure adjacent to which they are placed. The art of both professions is in reaching a balance in which the building and its surroundings are in harmony with each other. The city must, as the architect must in designing a building with the city, define the edges where the natural and built environments meet and accentuate these areas to provide a context for future urban growth.

In many ways the city is a composite of solutions to small scale environmental problems. City development works within the framework of zoning codes and ordinances which specify uses for the units which compose the urban fabric. Zoning thus becomes the primary way of defining urban edges. Since the system of zoning and the economic systems of private investment in urban physical development are strongly intertwined, there is a positive relationship between the way the city's edges are defined by zoning and the way the city grows physically. The urban environment is, thereby, an extrapolation of the city zoning plan, indicating the need for an environmental policy directed towards the evaluation of existing Milwaukee zoning to determine its viability in terms of the urban environment which the city wishes to establish for itself. Such an analysis should determine the major points of conflict within the urban fabric and define better methods for resolving these conflicts. This could lead to solutions for the local environmental problems which have a large scale impact, e.g. the spread of urban blight, the juxtaposition of industrial and housing areas, the blocking of river access by improper zoning of land at the river edge, and the conflicts of scale and function resulting from the impingement of expressway systems on park and residential areas.

#### MICRO-ENVIRONMENTAL CONCERNS

Conflict occurs on the micro-environmental level as well. Most of these concern interpersonal conflicts or conflicts between the services desired by the city dweller vis-a-vis those that are currently available. The former area would include such concerns as providing accessibility to public facilities by the handicapped, controlling smoking in public areas, and control of noise in urban areas. The latter would include concerns such as the control of litter, garbage collection, better rat control programs, and the reduction of vandalism in redevelopment areas. The environmental policy committee or related agencies could hold public hearings to determine which microenvironmental issues are of most concern and could also encourage existing city agencies and interested civic groups to effect solutions to these problems.

A DIRECTION FOR ENVIRONMENTAL POLICY Since the scope of environmental policy is so enormous, it is important at the outset to determine a direction for establishing such a policy. First, a hierarchy of concerns should be determined to establish which are the most crucial and at what level of government these concerns are to be handled. Second, there is a strong need to coordinate this policy with existing city-related programs, and, if necessary, county programs, and to create innovative planning procedures to enhance the city's efforts. Third, to develop a positive environmental policy to provide guidelines for solving the conflicts between the natural and man-made environments in our city and to coordinate the efforts of the Department of City Development, the Common Council, the County Board, and local interested groups.

WHAT CAN THE AMERICAN INSTITUTE OF ARCHITECTS DO TO HELP?

The A.I.A., Southeast Section is an organization of design professionals who have dedicated themselves to improving the quality of the built-environment in Milwaukee and who have contributed significantly to it. Members are involved in such concerns as the Architect's River Committee, the Architect's Urban Design Assistance Team, and other activities which show professional concern for the meaningful development of the city to provide Milwaukee with a highly liveable and enjoyable urban environment. The A.I.A. national organization has been, for some time, seriously analysing the urban situation and has considerable informational material available. As architects in Milwaukee, we are most interested in using our expertise

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#### FOUNDATION MEMBERS ELECTED

in any way possible to assist the Milwaukee Environmental Policy Committee in forming a comprehensive environmental direction for our city.

The W.A.I.A. Executive Committee confirmed the selection of the following to the Wisconsin Architects Foundation: Robert L. Yarbro, A.I.A., and Frank C. Shattuck, A.I.A., were elected for second terms, and William K. Davis, III, A.I.A., was elected for his first term. Foundation members serve for one three-year-term, and may be elected for one additional three year term.

The Foundation is a non-profit Corporation related to the Wisconsin Chapter, dedicated to the scholarship support of architectural students, as well as other educational and research activities. Contributions to the Foundation are tax exempt, and may be directed to the Wisconsin Architects Foundation, 788 North Jefferson Street, Milwaukee, Wisconsin 53202.

#### WESTERN W.A.L.

The Western Division of the Women's Architectural League of Wisconsin has informed the Chapter Office of their newly elected officers. The following women will take their office as of June 1, 1975: Mrs. David Cote, President, Mrs. James Kennedy, Vice-President, Mrs. Warren Bauer, Recording Secretary, Mrs. Nathaniel Sample, Corresponding Secretary, Mrs. Ronald Gillen, Treasurer.

Congratulations to those elected!

#### COMMUNITY

Recently reproduced in the A.I.A. Component Presidents letter were ten tips for developing "community clout" which in turn, comes to us from the Florida Association of Architects. They are as follows:

- Establish credibility in your community outside your discipline. Your community must first accept you as a person able to make overall sound judgments before they can accept your input from a planning point of view.
- Become a part of the opinion leadership in the community, not on "arts and architecture", but taxation, community fund drives, image direction, etc.
- 3. Demonstrate ability as a coordinator; knit people together. Recognize the vast number of splinter groups at work and act as a catalytic agent to bring them together and **make things happen**.
- Set aside one hour a day to work for the community as a whole (365 hours a year).
- 5. Seek and accept responsibility.
- Abandon ego as unworkable; architects spend more time posturing and backbiting than they do in public service; stupid waste of time, each can contribute.
- 7. There is no utility in pessimism.
- 8. Develop the art of negotiation and effective compromise.
- 9. Bring enthusiasm and purpose to all you do.
- Never forget that the fate of our nation rests on less than 100,000 leaders whom one half should come from our ranks.

Those are tips to architects (and, by extension, chapters) from C. Randolph Wedding, AIA, mayor of St. Petersburg, Fla., and are taken from an article, "Government Needs Architects", in the November/December issue of the Florida Architect magazine.

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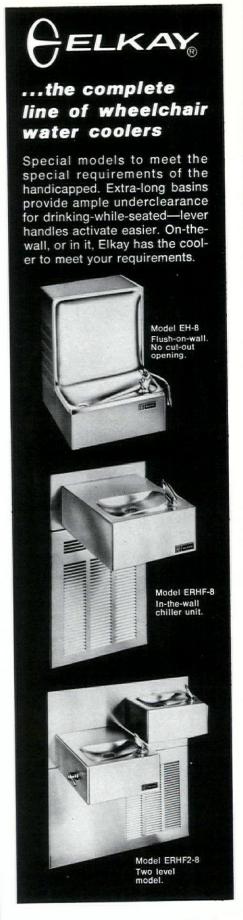
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Stickler Mechanical Sales 333B N. 121 St. Milwaukee, 53226 Ph: 1-414/771-0400 Other highlights: Wedding doesn't deny that working with your community government is frustrating, but he points out that, as trained professionals, architects have particular skills for bringing about planning changes.

**Don't expect to be paid for your service** to the community, he warns. Consider that you are paying back a portion of what your country has already provided you.

Don't hesitate to be labeled controversial. Controversy can lead to great moments of change and growth.

Finally, be prepared to accept criticism — false criticism — that you are doing this for personal gain. Those who make this criticism are the blockades of improvement. They're probably part of the problem, not the solution.

More than 20 architects and scholars will present papers at the symposium, Human Response to Tall Buildings, July 17-19 at the Sears Roebuck Building, Chicago.

Their presentations will be made in three sessions: The Tall Building and Its Neighborhood and Housing and Livability of Tall Buildings, on Friday (July 18); and The Response to Emergency, Saturday (July 19). A session on new directions for research on human response to tall buildings will close the conference Saturday afternoon.

A tour of five tall buildings in the Chicago Loop will be a feature of the opening day, Thursday (July 17).

The purpose of the conference is to bring together architects and other design professionals and architectural researchers to explore the social and psychological impacts of tall buildings on people and on neighborhoods and to describe the unique aspects of high rise buildings and their relation to people's functioning.

It is being sponsored by the American Institute of Architects and the Joint Committee on Tall Buildings.

Opening the sessions will be Bruce Graham, an architect from Skidmore, Owings and Merrill, Chicago; David Levin, of McCue-Levin Developers, Chicago; Joseph Fitzgerald, Commissioner of Buildings, City of Chicago; and Robertson Short Jr., President of the Chicago Chapter of the Buildings Owners and Managers Association.

The Chicago Loop tour will include the First National Bank, the Chicago Civic Center, the IBM Buildings, Lake Point Towers, and the John Hancock Building.

For further information or for abstracts of the papers to be presented contact Evagene H. Bond, PR Projects Director (202 - 785-7267); or Don Conway, Director of Research (202 - 785-7351) at AIA headquarters.

The 41st International Eucharistic Congress and the Philadelphia chapter of the American Institute of Architects (AIA) are co-sponsoring an architectural competition for design of altar stages for the city's two major sports stadiums.

The structures will make Veterans and John F. Kennedy stadiums suitable for liturgical worship. They will incorporate platforms, altars, audio-visual and lighting systems and movement patterns for celebration of Masses.

More than one million people will gather in the city August 1-8, 1976 to participate in the Eucharistic Congress, a major spiritual assembly of world Catholics and other Christians.

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Competitors must be registered architects in the United States. Architects not practicing within the jurisdiction of the Philadelphia chapter of the AIA must associate with a Philadelphia firm to enter the competition.

The winning design will receive an award of \$5000. Secona and third place designs will be given \$2000 and \$1000, respectively. There also will be honorable mentions.

The competition is now open for pre-registration. Registration fee is \$25 per entry. Make all checks payable to the 41st International Eucharistic Congress. The program for the competition will be available August 1, 1975.

The deadline for the competition is October 1, 1975. For further information write to or call:

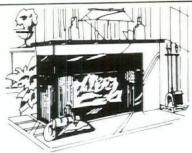
Mr. Mario Romanach, A.I.A. Competition Advisor Philadelphia Chapter American Institute of Architects 117 S. 17th Street Philadelphia, PA 19103 (215) 569-3186

#### **BIBLIOGRAPHIES**

One of the National AIA library's services to members is the compilation of bibliographies on specific subjects. These bibliographies are either a list of the library's holdings, a list of recent periodical articles, or, often, a combination of both. The following are subjects on which the library staff has compiled bibliographies in the last year; they are available to AIA members on request. Write to: Ms. Susan Cosgrove, The American Institute of Architects, 1735 New York Avenue, N. W., Washington, D. C. 20006.

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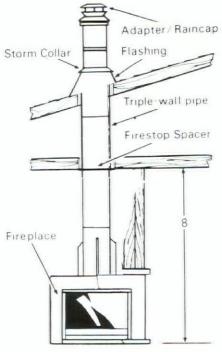
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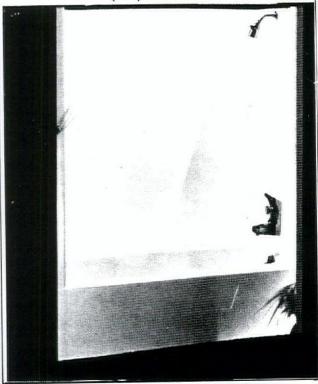
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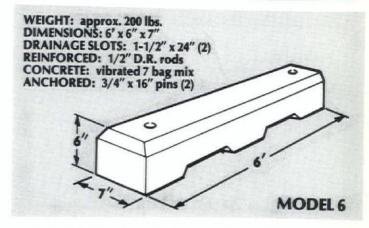
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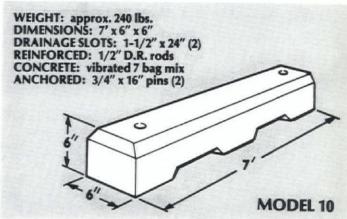
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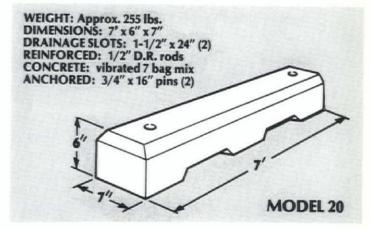
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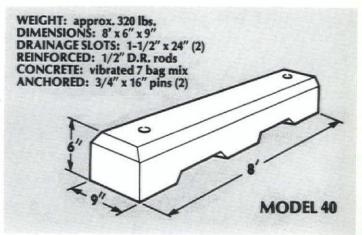
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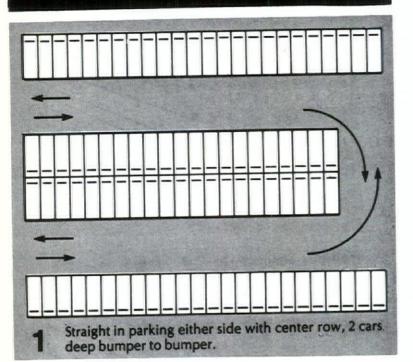


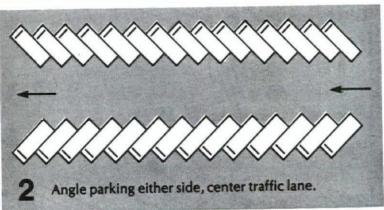


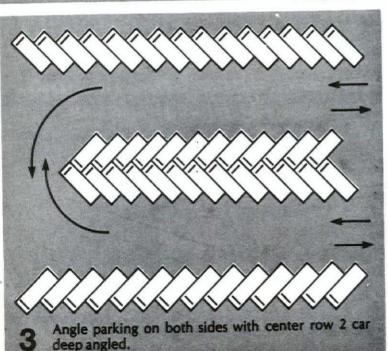




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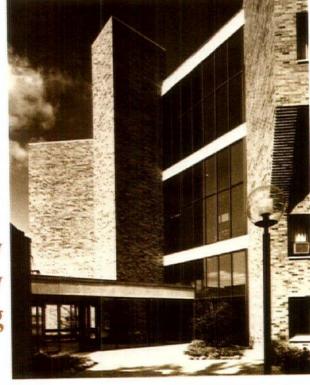
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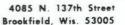
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