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The designer's element
Circle 4 on information card
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The book describes in detail a manual technique for calculating energy usage and shows in a sample problem how that technique can be applied. This allows the reader to evaluate any energy design solution, including solar assisted alternatives. It also provides a basis for understanding computer-aided energy estimating techniques.

In developing their work, the authors have recognized that non-energy related concerns such as user comfort, environmental impact and visual appearance are as important in an energy-related design as energy performance itself, and they urge designers to identify these at the outset of a project and to keep them in mind to the end.

An opening chapter offers a look at the basic concerns of energy planning, including such concepts as comfort; illumination and daylighting; the building envelope; heating, ventilating and air conditioning; and the very concept of energy itself.

Chapter 2 takes up the roles and responsibilities of the team needed to carry a project through to a successful end. Team members discussed include the owner, the architect/engineer, the building users and operators, energy suppliers, product manufacturers and building officials.

Chapter 3, a key part of the book, shows how to study a building's present performance (or, in the case of a new building, analyze a set of building plans) so the energy planner can examine the impact of any proposed changes suggested as a way to greater energy efficiency.

Chapter 4 pinpoints those opportunities, describing the best way of identifying them. The following Chapter 5 then shows how best to narrow the list of possibilities to those that make the most sense in terms of cost, time, payback and technical feasibility. Two levels of evaluation are given—"quick" and "detailed."

Chapter 6 shows what is needed to carry out the recommendations stemming from the evaluation, and offers much sound advice to the energy planner and owner for monitoring the results and maintaining the renewed building at a peak of performance.

This chapter is followed by a sample problem which illustrates the procedural steps presented in the various chapters.

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Circle 11 on information card
Thirteen men met in the New York City offices of architect Richard Upjohn on Feb. 23, 1857, to form a professional body of architects. A constitution and bylaws were soon drawn up and the newly established organization was called the New York Society of Architects. In the application for a state charter, the name was changed to The American Institute of Architects. Upjohn became the Institute's first president, serving from 1857 through 1875.

Since those early days, chronicled so well by Henry H. Saylor, FAIA, in The A.I.A.'s First Hundred Years (published in 1957), the Institute has grown steadily in membership and programs. Currently, there are approximately 33,520 members.

**Purposes** of AIA are “to organize and unite in fellowship the members of the architectural profession of the United States of America; to promote the aesthetic, scientific and practical efficiency of the profession; to advance the science and art of planning and building by advancing the standards of architectural education, training and practice; to coordinate the building industry and the profession of architecture to ensure the advancement of the living standards of people through their improved environment, and to make the profession of ever-increasing service to society.”

**Membership** is open to architects who have demonstrated “honorable standing in the profession and their community,” are legal residents of and have been granted a license or registration by any state, the District of Columbia or any U.S. territory and agree to abide by the Institute’s bylaws and are willing to accept the “duties, responsibilities, obligations and liabilities” of membership. Application is made to the appropriate local AIA chapter and five references are required from persons residing in that region, three of whom must be members of AIA.

Fellowship is conferred upon members of 10 years’ “good standing who have made notable contributions to the advancement of the profession. . . .” Honorary fellowship is given to architects of “esteemed character and distinguished achievements” who are not citizens or residents of the U.S. and who do not practice within the domain of AIA.

Honorary memberships are given to persons who are not eligible for membership in AIA but who have “rendered distinguished service to the architectural profession of allied arts and sciences.” A member who is 70 years of age or has retired at the age of 60 or is unable to practice architecture and has been in good standing for 15 successive years may apply to the Institute’s secretary for member emeritus status. The member emeritus enjoys all the rights, privileges and obligations of membership other than the payment of dues.

**Policy making:** AIA’s activities and programs are developed and guided by its board of directors, officers and commissions. Collectively, AIA’s members speak with a united voice on matters pertaining to the Institute’s purposes. The individual AIA member plays a key role in policy making through service on various committees. Simply stated, policy making starts with an AIA committee, which serves as an early alert system to matters that may have an impact upon the profession. For example, the committee on housing, with a broad representation nationwide of AIA membership, may want to further a particular policy. The committee makes a preliminary investigation of the matter, reviewing existing policies that may relate to the issue. It then develops recommendations which go to the commission responsible for oversight of the committee’s activities. The commission studies the proposed policy-making recommendation and, if it is approved, it is placed on the agenda for board debate and action.

Once the board acts, the appropriate headquarters staff is assigned the responsibility for carrying out the policy, with monitoring of activities by the sponsoring commission.

A convention resolution could also suggest that a bylaw change be proposed. In such an instance, a task force or committee could study the issue and make a recommendation for action by the board of directors. Such convention resolutions give the board guidance and direction in terms of policy formulation.

The bylaws may be amended by an affirmative vote of not less than two-thirds of all votes accredited to be cast at any meeting of the Institute. Notice of the proposed bylaw change will have been sent to all members prior to the vote.
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As part of the fulfillment of its responsibilities to society and the profession, AIA's board of directors approves formal policy positions on a broad range of public issues. Public policies are adopted by either resolution of the membership at an annual convention, followed by board ratification, or by independent action of the board itself. A proposal for a policy statement may originate with a member, a component, a committee, a commission, a task force or the board.

If, for example, it comes to the board's attention that a policy may be required in a specific area, the matter will be assigned to the appropriate committee or commission; in the event there appears to be no such existing committee or commission, the board may appoint a task force to prepare a policy statement.

Such statements presented to the board are accompanied by a brief summary report that sets forth AIA's goals and objectives in establishing the proposed policy position, as well as the criteria used in examining the issue and the rationale for the formulation of the proposed policy. Simultaneously, the government affairs commission reviews the proposed policy statement and places it in relationship with existing policies or expresses whether it may be in conflict with such policies.

AIA public policies are not static. The board may review, modify or cancel a policy position or statement at any meeting. Also, each year the government affairs commission asks other Institute commissions to review and make recommendations on all public policies appropriate to their concerns. After review of the recommendations, the board, at its annual meeting, confirms, modifies or cancels such public policies. After notice to the board, any public policy that has not been reviewed by a commission or committee for three years, or otherwise acted upon by the board, is automatically canceled.

The public policies are implemented by monitoring legislation on an array of national concerns. Congressional approval is actively sought for approval of legislation that is in accord with AIA's public policies. Also, through its national congressional and federal agency liaison programs, AIA initiates action on issues of concern to the profession and to its members. At the local level, AIA components also express public concern through state legislative and governmental liaison programs.

Interpretations regarding the scope, direction or intent of an existing policy are made by the executive vice president after conferring with AIA's president and reviewing recommendations of the government affairs department. Such interpretations must be presented to the board at its next meeting for confirmation or modification.

The following are among current AIA policies on public issues:

**Practice**

Three policy statements on liability were approved in December 1979. The first "strongly endorses" favorable tax treatment for professional self-insurance trusts (PLITE) and federal legislation to amend the Federal Tax Code to allow the deduction of self-insurance trust accounts as a business expense, placing such contributions on the same basis as insurance premiums. The second policy statement expresses AIA's encouragement and support of a test program on mediation "to provide for a simplified claims resolution system prior to litigation or arbitration" as an alternative to litigation or arbitration. The third policy "endorses and encourages the passage of state statutes of limitations on professional liability claims against architects and engineers."

Other policy statements with reference to the practice of architecture are:

- **Metric conversion:** In December 1979, AIA's board approved a policy statement that supports the Metric Conversion Act of 1975 as related to the construction industry and further urges that the metric system be adopted as the national standard of weights and measures in the U.S. At its meeting in May, the board approved the conversion schedule developed by the American National Metric Council's construction industry coordinating council, setting Jan. 1, 1985, as the date when metric construction may begin in the U.S.

- **Architecture for recreation:** In recognition that "open space and recreation facilities play a critical role in improving the quality of life," amended policy was approved in May that AIA "supports and encourages private and public policies and programs which provide for comprehensive long-range planning of urban and rural open space and recreation facilities." Professionals and their associations should be used in the planning process, "with provision for citizen participation..." Special attention should be given to inner city neighborhoods, the policy says, and government interagency cooperation should be encouraged to meet open space and recreational needs. The necessity for making new or renovated facilities contingent upon a "demonstrated financial plan deemed adequate for project maintenance and operation" is emphasized.

- **Barrier-free environment:** AIA's policy, approved in December 1979, is to "continue to encourage and enlarge upon its efforts to create a totally barrier-free environment, not only in buildings but in the community generally."

**Art in architecture:** At its May meeting, the board approved a revision in its policy regarding the importance of public and private programs "in which an appropriate significant percent of a total architectural project [budget includes] art as [an] integral part of the project and its surroundings." The policy says that, further, AIA "supports mandatory application of percent for art programs by all government levels for construction and renovation of government facilities." Consideration for art "should be an early and integral part of the design process," with emphasis placed upon "the participation of local and regional artists." The kind of art and its placement should be determined by owner and architect, according to the policy, and no procedures should be developed that "add unreasonable or costly delays to the design and construction process."

- **Workers compensation:** A policy statement approved in December 1979 says that AIA "endorses the amendment of worker's compensation laws to protect architects, engineers and contractors from third party suits brought by insured construction workers."

**International practice:** A policy statement approved in September 1977 and scheduled for review at the December board meeting calls for repeal of the changes made in the Tax Reform Act of 1976 which have resulted in "loss of employment, income and a competitive position for American architectural firms and their employees working abroad."

**Tax revision:** A related policy, also approved in September 1977 and due for review in December, expresses AIA's intention to continue work "to prevent passage of tax code changes which would decrease the opportunities for American design and construction firms to successfully compete in foreign markets."
Earthquake research: In the belief that "government-sponsored research in seismic response is in the best interest of the public," a policy statement approved in March 1977 and to be reviewed in December calls for AIA to ensure that architectural concerns are included in such research and gives support to efforts that will keep "government bureaucracy to a minimum in this research activity."

National Growth

There are nine strategies involved in the national growth policy that states: "The AIA supports changes in tax policy, governmental organization and other factors which shape community development; building and rebuilding at the neighborhood scale; federal, state and local government coordination for special programs for areas impacted by rapid growth and deterioration." The strategies are based upon the "constitutional premises of open occupancy, equal opportunity and freedom to choose where and how one lives." These freedoms "may not" interfere with the freedom of individuals or damage the fabric of society (December 1979). A sampling in each category follows:

Population distribution: AIA says there should be a relatively equal distribution of low-, middle- and high-income persons in metropolitan areas; settlement from larger to smaller cities and economic and cultural opportunities for smaller cities, towns and rural areas should be encouraged.

Conservation: The policy seeks protection of fragile and/or unique natural areas, historic areas and buildings, air, water and food; conservation of irreplaceable raw material by use of alternative materials and new technologies; reduction of energy consumption; a more rational system of design and development of the land.

Fiscal: The strategy centers in public and private investment, tax reforms and identifying national productivity, consumption and employment targets.

Governance: The roles of various levels of government in implementing these strategies should be identified to find a workable mixture of federal/state/local rule, the policy states.

Institutional: AIA supports the development of federal institutions to study national growth issues.

Land use: The Institute seeks a strategy designed to establish the "use and intensity criteria for accommodation of new and renewed neighborhoods," to preserve productive agricultural lands, to encourage the establishment of open space within and around urban areas.

Transportation: A more balanced transportation system should be provided by encouraging alternatives to the automobile, the policy states.

Design, development: Land should not be subdivided for housing alone, but have opportunities for shopping, employment and recreation, according to the policy, and encouragement should be given to mixed-income housing types in one community.

Urban rebuilding: Encouragement is given to regeneration of the physical fabric, the nonphysical systems and the public services within older inner cities and revitalization of central business districts.

Housing: The policy calls for incentives for development of relatively low-cost housing and for provision of direct subsidies for users.

Urban Affairs

The underlying thread of the Institute's urban policies is the need for the "nation to focus renewed attention on our cities." The resources of our cities—buildings, communities, local traditions—"must be conserved with care and continuously renewed to promote more workable and comfortable human environments."

Design: Encouragement is given to federal, state and local governments to "support urban design as an essential element in all policies and programs affecting our cities and communities." In addition, the Institute urges "that citizen interests be integrated into policies and decisions that impact them, and assure that the architect continues to play an integral role in urban design." The design policy is to be the basis for future policies on transportation, energy, regionalism, education, research, the small city and town. The board approved the policy in December 1979.

Growth: AIA encourages public acquisition of urban land for private development with designated use tied to long-range community growth plans, neigh-
Energy

The energy policies emphasize conservation through building modifications, use of renewable energy sources, use of passive solar energy design and active solar technologies. All were adopted in December 1979.

Conservation, solar: "All AIA members should promote conservation through passive energy designs that are not only cost effective but also that hold promise of long-term energy and economic benefit, whether or not governmental financial assistance is available." Encouragement is given to the use of all methods of energy conservation, including passive, active and hybrid solar systems. Realistic energy cost figures should be based on life cycle cost, the policy says.

Audits: "AIA recognizes that the nation's inventory of existing buildings offers opportunity for substantial energy conservation and this conservation can best be achieved by a total study of the functions housed and the interaction of all total building systems." The Institute therefore urges the Department of Energy to recognize the role of architects and that architects should be authorized to perform energy audits.

Renewable sources: Calling other sources of energy that can fill the nation's interim needs, depletable, capital wasteful and environmentally troublesome, AIA urges "intensified actions to eliminate energy waste in buildings, through favorable tax programs and other means, and to dramatically shift [governmental] funding to accelerate the development of renewable sources of energy." This policy was prompted by the energy crisis, "which continues to accelerate in severity and impact beyond previous predictions."

BEPS: AIA strongly supports the building energy performance standards. Because of the "fundamental differences between performance and prescriptive standards," the Institute maintains that the two approaches "should not be considered equivalent."

BEPS implementation: "BEPS shall be rapidly promulgated and shall be mandatory in all jurisdictions throughout the U.S." AIA suggests a two-year phased-in implementation period for BEPS, during which time needed improvements can be made, workable standards produced and technical and administrative capacity established. During the two years, both building performance and component standards could be used with the latter eventually eased out. Designers would be required to provide an annual design energy use analysis prior to receiving a building permit.

Information: "The Institute should expand significantly the flow of information to the public and the profession concerning the opportunities for significant energy savings not only in new construction but also in existing buildings through conservation and related passive solar techniques."

Housing

The "importance of a good home as a necessity of life, as a sanctuary of the human spirit and a critical national resource" is the principle behind the Institute's housing policies. The policies were adopted in December 1979 and call for a "firm and unwavering national commitment" to provide quality housing. AIA believes that "good housing and good neighborhoods" make a vital contribution "to the general welfare of our civilization."

Goals: Among them are the conservation of our present stock of good housing, upgrading or replacement of substandard housing units and rejuvenation of slums and blighted neighborhoods.

Costs: Building requirements or standards that add to the cost of housing should be eliminated or streamlined, the policy says, and the cost of public facility infrastructure should be spread over a period of time so that the first occupants of new housing will not be penalized. Efforts should be made to increase the stock of affordable rental units, according to the policy.

Design, livability: "Increased emphasis should be placed on the important relationship of the physical environment to human well-being."

Mortgage credit: AIA recommends that federal policies and programs be designed to induce a steadier flow of residential mortgage credit and to maintain a level below which housing starts would not be permitted to fall.

Research, technology: AIA calls for the expanded research efforts in the area of residential environments. The Institute endorses federal expenditures for basic research devoted to advancing the state of the art of building construction, housing and the urban fabric; application of postoccupancy evaluation to improve long-range policy decisions; use of life cycle cost analysis and energy conservation, and use of renewable energy resources as important design criteria.

Subsidies: Support is given to the availability of housing subsidies for low- and moderate-income families for new, rehabilitated and existing housing.

Needed development: The Institute "urges that federal grants be provided to state and metropolitan planning agencies and to metropolitan-wide councils of governments to encourage them to undertake comprehensive land use planning, including housing components, and improve their institutional capacity to make and implement such plans."
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**Urban revitalization:** The policy calls for a coordinated public and private conservation and renewal efforts. AIA supports channeling federal revenue sharing funds to the most distressed areas. In addition, "neighboringhoods should be preserved through the maintenance, rehabilitation and adaptive reuse of deteriorating housing and other facilities. . . . Abandoned urban properties, because of their severely blighted influence on surrounding neighborhoods, should be improved and reoccupied or demolished."

**Government**

AIA's policies pertaining to government include generalized statements concerning the role of architects, A/E procurement procedures, federal design excellence, regulatory reforms. Other policy statements concentrate on specific issues, such as campaign finance reform and the Equal Rights Amendment.

**Architects' role:** AIA calls for the appointment of registered architects to executive and administrative government positions and the recognition of registered architects compared to nonregistered employees (December 1978).

**Design excellence:** "AIA realizes that it must constantly strive for design excellence and improvements in federal and federally-subsidized buildings." The key to improved design quality, says the policy, is a clear process of decision making. Encouragement is given to the use of public advisory panels in A/E selections; to the establishment by the President of an office or board with overall responsibility for design quality in federal architecture; to employment by the federal government of more design-oriented registered architects, and the establishment of a design awards program, among others (approved in September 1977; to be reviewed this December).

**Regulatory reform:** AIA will work with federal agencies to "reduce unnecessary or improper regulations." It will also testify before Congress against any policies, programs or regulations that are determined to be detrimental to the architectural profession and the public (December 1979).

**Procurement:** At its May 1980 meeting, the board approved a revision in government procurement policy. The policy, which gives support to the selection of architects and engineers for government work on the basis of professional qualifications rather than fee, also says that "unless the state has a better plan," AIA "further supports the adoption by state and local governments of the American Bar Association model procurement code. . . ." Although recognition is given to the importance of having registered architects on government agency staffs, AIA "believes that architectural services should be performed by private architectural firms." If it is necessary "to meet a government agency's special mission or requirement, architectural services may be performed by registered architects and their professional staffs of the respective government agency."

**Value analysis:** Maximum quality in federal construction and maximum value for every tax dollar spent can be achieved by "congressional encouragement of the use of value analysis in the early stages of the design process for federal construction." The basic goal of value analysis, according to the policy, is "to pinpoint the most effective, efficient design approach that will satisfy the facility's functional requirements based on established quality criteria and life-span considerations" (December 1978).

**Service contract:** This policy, adopted in December 1978, is a reaction to bills introduced in Congress that would extend coverage of the Service Contract Act to any professional employees of federal contractors. The act ties wage rates for service employees working under federal contracts to prevailing or preceding contractor's rates. AIA believes that "legislation to have professional salaries under federal contracts set at prevailing rates or at some other level unrelated to individual performance would be detrimental."

**Justice system:** "AIA supports advancesments in design, operations, performance systems and planning components relative to providing justice system facilities." Encouragement is given to including the architect in the earliest planning and evaluation stages (December 1979).

**Picketing:** AIA opposes legislation allowing common situs picketing at construction sites. Such picketing, says AIA, could shut down the work of all contractors on the site, even those not involved in the dispute (December 1978).

**Campaign finance reform:** "AIA continues to endorse and support laws and legislation to reform and regulate political campaign financing." The Institute believes that public funding of congressional campaigns will "further insulate professional, public works decisions from improper influence and promote the ethical practice of the profession" (December 1978).

**Equal rights:** Support of the Equal Rights Amendment was reaffirmed in June 1979, and encouragement was given to all AIA components in unratiﬁed states to lend support to pro-ERA activities in their states.

**National Endowment:** Support is given to the National Endowment for the Arts in its efforts to preserve and encourage our cultural heritage. AIA supports reauthorization of Endowment programs at substantial levels (December 1978).

**National museum:** Support is given for the establishment of the National Museum for the Building Arts to promote and exhibit the building arts and sciences (December 1978).

**Health Care**

AIA has two policies in the health area: one on health care cost containment (December 1978) and the other on national health programs (December 1979).

**Cost containment:** "AIA supports life cycle cost effective capital expenditures." These include value analysis in building component selection; life cycle cost analysis in major building system selection; cost effective building materials, systems, construction techniques and project delivery methods; cost effective analysis of existing and proposed building codes and regulations and consideration of operational effectiveness as a primary design evaluation criterion.

**National programs:** "If a national health care system is established, AIA recommends a balanced method for the delivery of such care." The method would include short- and long-range comprehensive planning and reimbursement for costs related to health care, such as costs of long-range planning, saving or accumulation for the next project and the cost of manpower conserving equipment. Continued on page 32
Water

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Goals and objectives of the Water Pollution Control Act amendments of 1972, AIA reaffirmed in December 1978 its support of the implementations of the act and instructed the board to “continue to take such steps as will assist the President, Congress and the Environmental Protection Agency to reclaim the hygienic and environmental quality of our waterways.”

Water resources: Also in December 1978 a policy was approved that calls upon AIA members “to exert leadership by alerting their clients to federal flood hazard boundary maps and data as to the human and material hazards and the potential environmental impacts of building in flood plains, and by assisting clients in seeking alternative locations for building projects.” In the event construction in flood plains is undertaken, the architect is urged to “incorporate mitigating measures into both site development and building designs.”

Land use: Those who hold land and those who are involved in determining the form and extent of this fundamental resource “share the obligation of responsible stewardship.” AIA’s policy, therefore, is to “encourage use patterns which are efficient in terms of resource utilization,” improving the land’s condition and capability for future use; to encourage “implementation of such land use patterns by means of rational, democratically formulated public policy”; to advocate a public policy framework at all levels of government; to support public policies that “further such concepts as diversity, citizen involvement, private economic incentives and public economic benefits,” and to participate in the achievement of an “increased public understanding in the area of intelligent land use.” The policy, approved in December 1979, also calls for the construction of a “system of land use ethics as we increase our knowledge of the soil and its biotic community.”

Surface mining: AIA supports the general intent of the Surface Mining Reclamation Act, legislation that establishes procedures for the administration of surface mining regulations to be implemented in general through state laws. “Federal statutes should also provide minimum criteria to be met by the states and localities for preplanning new areas to be surface mined, for monitoring and inspecting all surface mining operations and enforcing regulations regarding land rehabilitation.” Among the other provisions of the AIA policy, approved in December 1979, is a call for states “which extract resources materially affecting one or more states” to form regional advisory committees to “consider appropriate criteria for state laws and regional compacts.” AIA members are urged to “become involved in the planning and analysis of surface mining as it relates to land use and the environment.”

Coastal zone management: Recognizing that this country’s coastal zone “is one of our greatest resources, capable of providing food, energy and many economic and environmental benefits,” a policy approved in December 1979 urges AIA components in coastal areas to take an active role in the implementation of the Coastal Zone Management Act, which “clearly places the planning and management responsibilities squarely at the state level.” The components should assist local entities “wherever possible, so that the maximum benefits can be achieved for their area. . . .”

Public domain lands: A policy approved in December 1979 states that the Bureau of Land Management (BLM) administers more land than any other private or public body in the U.S.—more than 700,000 square miles. These “left-over” public lands, in various parts, are rich in timber and mineral resources, support the sheep and cattle industry, are vital to the watershed system that supplies Western cities and contain vast areas of wildlife. “Above all, the BLM lands are the largest remaining uncommitted reservoir of public space available for the uses of generations of Americans yet unborn.” But there exist “no legally recognizable policies or mechanisms for their use,” which are critical in view of the increasing demands for recreational lands, the growing concern for environmental quality and the need to develop energy-producing resources.

AIA’s policy sets forth recommendations for the acquisition and disposal of such lands, calling for an inventory and classification of priority uses. It points out that transfer to private ownership “is likely to be irreversible except at prohibitive costs. Where there is any doubt as to use priority or land suitability, therefore, land should remain in public ownership and any desirable private uses should be accommodated through leasing rather than through disposal.”

The policy statement also calls for the development of “sound plans” that establish the priority of public use over private use. The long term should be considered rather than “short run uses responding to quickened cycles of market changes,” and, in general, multiple use should take priority over single or dominant use concepts. Regarding legal authority and responsibilities, the policy...
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Highway beautification: AIA, in the past, gave support to the Highway Beautification Act of 1965. Since its passage, "the law has been so amended and changed as to reverse its effect, making billboards a form of federally protected land use and preventing state and local governments from enforcing their own control ordinances." In March 1978, policy was approved that gives support to the provisions of the act as passed originally. The policy also recognizes "beautification as an integral part of the design process" and supports the financing of the highway beautification program from the Highway Trust Fund.

National park access: Scheduled for review at the December meeting of the board, a policy approved in 1977 supports, in principle, the provisions of transportation services to entities of the national park system in order to make the parks available to all people.

Timber resources: Also to be reviewed in December is a policy, passed in 1977, that calls attention to the "inefficiencies and wasteful practices in the processing and use of timber resources." AIA supports improvement in the management of national forests, increased production of private forests and protection of wilderness areas.

Alaska lands: In policy approved in September 1979, AIA stated its support of the Alaskan Lands Conservation Act of 1979 which provides for the planning, classification and control of lands in order to preserve for the future those lands of primary wilderness value. AIA recently expressed its support of amendments to legislation currently being debated in Congress (HR 39), to protect the lands subject to possible energy development.

Codes and Standards

In the past, building construction regulations have often resulted from response to a catastrophe. Such response is not always carefully thought out, and "often there was a mismatch between the enacted code and the intended result." Or even worse, misapprehension of the problem resulted in "needless regulations." AIA's policy on the purpose of codes and standards, approved in December 1978, is directed toward preventing the situation in which codes and standards become "unduly restrictive in their requirements because some special interest has been able to influence the drafting and the adoption of them in its exclusive favor." AIA supports the concept that codes and standards must be "based upon proven public need, satisfied by rationally conceived criteria, without favoritism or bias to any special interest and cost effective in relation to public benefit."

Adoption process: AIA "encourages the mutual participation of public and private sectors in the adoption of statutes, regulations, codes and standards that govern the construction of buildings through the procedures of due process." Due process includes "timely and adequate notice to all interested parties and an appeals procedure for all who may be injured." AIA recognizes "that due process has always been appropriate when laws are enacted and, in most cases, has been followed." Due process "deserves special treatment since currently consumer groups and the federal government are attacking the procedures by which codes and standards are conceived and enacted into law."

Appeals: AIA "encourages the use of codes and standards which provide for an appeals procedure for all who might be injured."

Central authority: AIA supports "the concept of a central nongovernmental entity, bringing together the private sector with the various levels of government, as an authoritative national source of information on building science and technology for the purpose of (1) bringing about needed change and harmony in codes and standards development; (2) developing a rational relationship between building technology and codes; (3) bringing about needed research, and (4) acting as a clearinghouse for technical data on building construction."

Consensus process: AIA encourages the use of the consensus process in the development of codes and standards. "This process has at least five elements: groups
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Policies from page 37
representing broad experience and balanced viewpoints, periodic reviews, appeals procedures, opportunities for all affected parties to participate and careful attention to opinions, including minority opinions.

Consistency: Design professionals and others concerned with codes and standards are encouraged "to exercise consistency in the development, adoption, interpretation, enforcement and application of the various codes and their referenced standards." A policy regarding consistency is needed because an architect's practice is not confined to one political jurisdiction. "To be entangled by the inconsistent codes and their provisions causes the loss of valuable effort and money and, in the end, is a hindrance to the free exchange of commerce.

Harmony among codes is essential to protect the public's right to expect an equal level of treatment wherever it transacts business.

Education: "To ensure that codes and their referenced standards exhibit the highest degree of quality in their development, adoption, interpretation, enforcement and coordination, AIA encourages the education of students of architecture and the continued education of architects in the fundamentals of codes and standards, and the continued education of building, zoning, health, fire and other governmental officials who are concerned with the administration of codes and standards..."

Enforcement: AIA "encourages the enforcement of codes and their referenced standards at that level of local government that can support competent personnel and their training."

Governmental development: All levels of government are encouraged to participate with the private sector in the development of codes and standards through the use of the consensus process.

Participation: AIA "seeks to strengthen the collective voices of all design professionals in the development and use of codes and standards pertaining to the construction industry by encouraging their participation in this process and by coordinating their activities through the establishment of public policies."

Performance criteria: AIA "encourages the development of codes and standards based on performance criteria. Performance criteria, however, should not be used in place of prescriptive requirements, where limitations of technology make it impractical and the cost of such efforts exceeds the benefits."

Research: AIA supports and encourages research required "to establish scientific data to augment the development of codes and standards."

Review: AIA "encourages periodic review and revision of all codes and their standards in order to incorporate improved technology, to eliminate obsolete provisions and to eliminate cumbersome and confusing wording."

Historic Preservation
Historic preservation is defined as "the process of conserving for future generations the significant elements of the built environment." The process extends beyond traditional restoration to include documentation, stabilization, reconstruction, rehabilitation, adaptive use, maintenance, interpretation and compatible design.

The preservation of historic resources "deserves high priority among the nation's programs and goals." In order to achieve this national goal, AIA's policy embraces the following elements:

Landmarks: AIA supports landmark legislation "to preserve and/or guide the development of structures or sites with historic, cultural, architectural, archeological or esthetic significance." Each landmark "should be evaluated by a public body that finds a consensus as to its merit and methods by which it can be self-supporting or properly endowed."

Neighborhoods and districts: Support is given to the preservation of neighborhoods of social and cultural value and to programs that maintain the community's fabric by such means as the improvement of deteriorating structures, with "minimum or no displacement..." New buildings in older neighborhoods should be designed in a manner that is "both sensitive and original," but also compatible with the existing neighborhood.

Incentives: AIA supports "continued development and expansion of federal, state and local programs, grants and tax incentives supportive of preservation."

Codes and zoning: Encouragement is given to the "adoption and creative application of codes and zoning regulations supportive of preservation." Further, there should be "sensitive and considerate applications" to make historic properties barrier-free in a manner that "maintains important design features."

Architectural records: AIA supports "the creation of a national clearinghouse for architectural archival material" and further supports "the development of regional depositories to collect, conserve and catalog original architectural documents."

The continuance of the agreement among AIA, the Library of Congress and the Heritage Conservation and Recreation Service of the Interior Department is also supported in order to ensure the expansion of the Historic American Buildings Survey.

Education: AIA "supports the introduction to the public of architectural preservation through formal and informal programs," encourages schools of architecture "to include education in architectural preservation as an objective" and "urges all architects working in the area of architectural preservation to increase their knowledge in this field through continuing education."

The nation: From time to time, the board will desire "to make a statement on a particular building or preservation issue which is deemed by the architectural profession to be of crucial national importance. This policy is intended as a repository for these statements, which should remain in effect until modified or withdrawn by the board."

1. AIA endorses the establishment of the Frederick Law Olmsted home and office in Brookline, Mass., "including original drawings and other records of this master landscape architect, as a national historic site." (1974.)

2. AIA supports the "maintenance and integrity of the original design of the Lincoln Memorial" in Washington, D.C., and recommends "that changes in the composition of the Republic be recognized by means other than additional inscriptions on the Memorial walls." (1974.)

3. AIA supports the preservation of Grand Central Station in New York City and the "continued validity of landmark preservation laws as upheld by the Supreme Court in 1978 (Penn Central vs. New York City) on the basis of police power rather than the power of eminent domain." (1978.)

The amended policy on historic preservation was approved by the board at its meeting in May, 1980.
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AIA members can pursue their special interests and at the same time affect Institute policy and programs through the AIA committee system. The committees study a broad range of specific topics related to the practice of architecture, develop practice tools, define issues and make policy recommendations.

Until recently, the committee system consisted of groups with limited membership. Under this “closed” system, committee members were appointed by the board upon recommendation of regional directors or committee members. But beginning in 1978 the committee structure has undergone extensive reorganization. First, membership of the nine professional interest committees (architects in industry, historic resources, housing, interior architecture and architecture for commerce and industry, education, health, justice and the arts and recreation) was opened to all AIA members. By opening these committees, the board hoped to broaden membership involvement and draw more broadly upon AIA members’ talent, which the board maintained was not being successfully tapped by the “closed” committee system.

The next reorganizational step was for the nine professional interest committees to welcome corresponding memberships. For a fee ($9 per year/per committee for AIA members, associate members, AIA chapter professional affiliates and ASC/AIA members; $15 per year/per committee for all others) corresponding members receive all notices, meeting minutes and reports of the committee and can participate in any committee activities. Each of these committees has a chairman and a five-member steering group. One can become an open committee member simply by attending two meetings during a two-year period. By the end of 1979, there were 810 corresponding memberships. As of April ‘80, the number had risen 19 percent to almost 1,000.
These open committees proved so successful that last year AIA expanded the concept to 13 other committees, although without the corresponding memberships. (The 13 open committees are: architects in education, architects in government, codes and standards, community assistance, continuing education, design, energy, environmental education, federal agencies, minority resources, practice management, regional development and natural resources, and urban planning and design.)

Opinions vary as to whether opening these committees has been successful. Some maintain that it has made access to committees easier because an interested member doesn’t have to go through a formal process to become involved in committee work. Supporters of the system also say that it has allowed for greater flexibility within each committee. But others maintain that the open system yields unwieldy groups, making it difficult to accomplish specific tasks. Often the steering committee takes over the task accomplishment while the open meeting becomes a seminar. And, some say, the new system doesn’t seem to be attracting more attendance because members are reluctant to pay their own expenses to attend out-of-town meetings. And, unless meetings receive a lot of advance publicity, some say, the new system is not even attracting increased local attendance.

The remaining “closed” committees meet formally one to four times a year. They cover a broad range of professional issues such as the Institute juries, international relations, finance, documents, liability and practice management. As with any committee system, productivity depends upon the chairman and the members and their clear understanding of the tasks. Each committee’s function varies from overseeing the work of the AIA staff in a particular field to taking more of an advocacy position. A small sampling of committee work follows.

- Called the Institute’s “lobby for urban design” by chairman Gary A. Plosser Jr., AIA, the urban planning and design committee’s task is to increase architects’ participation in solving urban design problems of towns, cities and metropolitan regions. “The committee,” said Plosser, “is made up of a number of very dedicated people who think their work is important . . . who feel that architects need to be concerned with the built-in context of the city.”

Last year, the committee presented to the AIA board of directors an urban design policy, which is now being circulated to other committees for further input. Currently, it is developing a transportation policy, which Plosser hopes will be ready by the end of the year. The policy will be concerned with the relationship between transportation systems and the physical environment. The committee is also developing an Institute urban design awards program, working on continuing education programs and planning to present a major program at next year's convention in Minneapolis.

The “testing ground for the committee’s current thinking about urban design techniques and issues,” in the words of Plosser, is the Regional/Urban Design Assistance Teams (R/UDATs). R/UDAT programs are directed by a task force, but the ultimate responsibility lies with the committee. This year R/UDATs have been or will be held in the south end of Boston; Salisbury, Md.; Duncan Plaza, New Orleans; Louisville; Lincoln, Neb.; Hillsboro, Ore.; Wilmington, Del., and Topeka, Kan. A study of R/UDATs and their effects on a number of cities is being prepared by the committee funded by a grant by the National Endowment for the Arts.

- The A/E committee on federal construction is actually a liaison group that provides a forum for representatives from AIA, the American Consulting Engineers Council (ACEC) and the National Society of Professional Engineers (NSPE) with federal officials whose work involves construction. The architects and engineers meet three times a year with representatives from such agencies as GSA, the Environmental Protection Agency, HUD, the U.S. Postal Service, the Veterans Administration, the Department of Defense, the Department of Energy and the Department of Health and Human Resources. The meetings allow the chance to air problems and to find out what is happening in the various agencies.

- Also dealing with government affairs is the Committee on Federal Procurement of A/E Services (COFPAES). This is also a joint group representing AIA, NSPE, ACEC, ASCE (American Society of Civil Engineers) and ARTBA (the American Road and Transportation Builders Association). The committee’s purpose is to develop and advocate legislation and administration action enabling architects and engineers to provide the federal government with the highest quality of services consistent with sound professional standards. COFPAES, represented by R. Randall Vosbeck, FAIA, testified at Senate hearings on the new legislative charter for GSA’s public buildings program (see Mar., p. 12, and May, p. 31).

- The professional development committee advises on the identification, development, delivery and evaluation of continuing education programs. It oversees the work of five subcommittees: convention programs, programs (professional development, associate and internship development programs), futures, educational policy and programs controls.

The committee developed and reviewed 23 professional development seminars that were presented at the AIA convention in Cincinnati. It plans to issue two new architectural training labs in the fall (financial management and time management) and is working on three correspondence programs (two on energy and one on financial management). One of its major projects is to develop a computerized registry service for continuing education units.

- Taking a leadership role in the preservation, conservation and integration of America’s architectural heritage and its historic resources is the task of the historic resources committee. The committee monitors and makes recommendations on codes, such as the HUD rehabilitation standards, works with the committee for preservation of architectural records, suggests programs for preservation education and develops publications. The committee is currently developing a publication with technical preservation information, similar to Architectural Graphic Standards. It is watching the work of the Historic American Buildings Survey. The survey is of “practical interest to architects,” says committee chairman Harvie P. Jones, AIA. “They can use the documents for restoration and historical research.”

Members of the committee testified in two separate hearings before congressional committees, in the spring, calling for the strengthening of historic resources through the development of new strategies and for increased funding for preservation programs, consistent with today’s federal........
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Jernold Lomax, AIA, of Lomax-Mills Architects, shares credit for his creative use of ALUCOBOND material with Project Architect John Rock.

Circle 25 on information card
Committees from page 43

- The construction management, design/build and contracting committee is preparing a primer on project delivery techniques to help architects who are beginning to expand the nature of their services to include construction management. In conjunction with the primer, it hopes to develop a construction management program for the '81 convention. "This is an important area where AIA should have publications," says chairman Jonathan King, Hon. AIA. One of the committee's problems is acquiring funding adequate to develop publications, which King attributes to "the economic problems of the Institute."

The committee also represents AIA on the Joint Conference on Construction Management, whose other members are ACEC and the Associated General Contractors of America, Inc. (AGC). The joint conference "hasn't been meeting as regularly as it should," says King. This is due to disagreement among AIA, ACEC and AGC about the role of construction managers. AIA maintains that a conflict doesn't arise if an architectural firm expands its work on a project to include construction management. AGC maintains that architects should not practice construction management.

- The practice management committee is a "work-oriented group," says Robert Allan Class, AIA, the committee's staff executive. Its task is to develop programs and activities in office and project management, with emphasis on the needs of small and medium-sized firms. The committee is working on the Project Managers Workbook, written by David S. Haviland. The book will be published in four sections: "Project Management" in final form and "Project Management in the Architect's Office" will be available in October; "The Effective Architectural Project Management" and "Tools and Techniques for Architectural Project Management" are scheduled for publication in 1981.

In Savannah, Ga., on Nov. 13-14, the committee will hold an open meeting seminar on managing a practice in a recession. Next year it will hold two meetings in Washington, D.C., to develop practice aids and a conference in Chicago on architectural management.

Task forces are generally formed to address specific issues for a year or two; then they are either disbanded or transformed into committees. Current task forces are concerned with women in architecture, long span technologies, legal decision impact, IDP evaluation, uniform construction index, among others.

The registration law advisory task force was formed in response to the increasing number of state sunset laws that require review of architectural registration boards. The group is studying the gamut of matters involved in architectural registration: its history, license renewal, legislative guidelines, the definitions of architects and architecture, educational requirements, regulatory boards and reciprocity.

It will publish an analysis of registration laws, a preliminary report on architectural registration, "Issues and Options," and guidelines and strategies for obtaining legislative policies. In an effort to bring the registration debate to a national level, it conducted discussion sessions highlighting registration issues at the '80 grassroots meetings.

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Or just check Sweets.
The AIA Building At Age 7

Text and photographs by Allen Freeman
The AJA national headquarters staff first occupied its new office structure seven years ago. Its designer was The Architects Collaborative, chosen after Mitchell/Giurgola—which first won a competition for a smaller version of the building in 1964—reached an impasse with the Commission of Fine Arts over the new structure’s relationship with the Octagon house.

The history of the building as constructed began with the selection of TAC in May 1969 by a committee of prominent architects. The Commission of Fine Arts approved TAC’s design a year later, groundbreaking took place in March 1971 and the staff moved in two years after that. Construction cost was $7.486 million; approximately 195,000 square feet of floor space were provided.

The headquarters building wraps around the Octagon on its corner lot at 18th Street and New York Avenue, preserves the rear garden of the historic structure and contributes a brick courtyard that becomes the new building’s entrance platform. The curving exterior of gray precast concrete and glass rises seven floors above the courtyard; below the ground level is an additional floor for staff use and one level of parking space.

The Institute staff and the staffs of three related organizations occupy the basement level and floors one, two and three. The related organizations, situated in the west wing of the first floor, are the Association of Collegiate Schools of Architecture, Production Systems for Architects and Engineers and the National Architectural Accrediting Board. The AJA Research Corporation has offices on half of the fourth floor and the top three are for tenant offices, which include the National Council of Architectural Registration Boards. The AIA Foundation owns and occupies the Octagon, which contains period rooms and exhibit space.

The photographs on these and the following pages are intended to show some of the uses of the building today. In 1970, during the design stage, Norman Fletcher, FAIA, TAC’s principal in charge for the headquarters, wrote of his concept: “...the building should have serenity and dignity and not seek a self-conscious monumentality. It should be inviting and not designed to overawe its visitors and the profession. In essence, the building should create an active ‘environment’ rather than an aggressive architectural form.”
Courtyard and garden, isolated from traffic noise, form a pleasant area between the 180-year-old Octagon and its more recent companion building. The ledge at courtyard edge provides a place to sit and observe those entering or leaving the headquarters or those who choose to cut through rather than walking to the corner.

Cantilevered from the second floor of the newer building is the board room (photo at right), which shelters the main entrance (above). The courtyard’s brick paving continues uninterrupted into the first floor’s reception area, library and exhibit space.
When the class of 2130 departs we expect this Revere copper roof will still be on campus.

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The second floor is where members participate in many of the ceremonial, social and meeting functions of the Institute. The board room (above), with two tiers of circular tables and a full-width window overlooking the courtyard, is the building's largest uninterrupted meeting space. The executive dining room (left) and two conference rooms (one in use, below left) accommodate smaller groups.

On the floor's wing opposite the board room (the building plan is a boomerang in shape) are executive offices and offices of some other staff. Between the two is the social gallery.
Most of the staff members work in the open landscaped third floor, where they share daylight and views to the Octagon. Workers in both wings of this floor are arrayed along double loaded corridors, their offices separated by green and orange fabric partitions and white laminated work units.

Beyond the display of publications in the photo at the top of this page are two recent additions to the floor: enclosed conference rooms which adjoin executive office spaces.

Data processing functions (above left) now take place in an enclosed space formerly occupied by two small conference rooms.
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The following is a key word index, a quick reference for finding the AIA or affiliated organization staff member who can answer your questions. Telephone numbers begin with 626 unless noted. The area code is 202. AIA's hotline is (202) 626-5954.

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Circle 34 on information card
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The HPS Cutoff Luminaire.

Only ITT built a cutoff luminaire around an HPS lamp. To give you a new HPS Cutoff Luminaire that is photometrically and mechanically superior to ordinary cutoff luminaires. Ours was designed specifically to precisely control and convey HPS light—the energy-efficient light source. Ours is the good looking way to put light where you want it. The flat cutoff unit was meticulously engineered to dramatically reduce hot spots and dark areas. And give you improved surface visibility.

Its one-piece reflector and one-piece die-cast housing make easy work of installation, maintenance, and cleaning. It opens with a simple one-hand latch, and there are no seams to collect dirt. It's available in 70 through 400 watt units. The ITT HPS Cutoff Luminaire uses HPS energy so masterfully, it has a 70% luminaire efficiency. In a typical area lighting application, the HPS Cutoff Luminaire yields 10% higher average illumination with a 10% higher minimum illumination point.

So if you're looking for an area luminaire that is quality constructed, uses HPS energy efficiently, and is aesthetically appealing, you've found it. Write for our free complete catalog: ITT Outdoor Lighting, Box 100, Dept. F8, Southaven, MS 38671. Or call 601-342-1545.
AACJC
American Association of Community and Junior Colleges
AAES
American Association of Engineering Societies
AAHP
American Association for Hospital Planners
AAL
Association of Architectural Librarians
AASA
American Association of School Administrators
ABA
American Bar Association
ACA
American Correctional Association
ACEC
American Consulting Engineers Council
ACHP
Advisory Council on Historic Preservation
ACSA
Association of Collegiate Schools of Architecture
AEE
Association of Energy Engineers
AEI
Alternative Energy Institute
AERO
Alternative Energy Resource Organization
AGC
Associated General Contractors of America
AGS
Architectural Graphics Standards
AHA
American Hospital Association
AHCA
American Health Care Association
AIA
American Institute of Architects
AIA/RC
American Institute of Architects Research Corporation
AIC
American Institute of Constructors
AICP
American Institute of Certified Planners
ALDA
American Land Development Association
ANMC
American National Metric Council
ANSI
American National Standards Institute
APA
American Planning Association
APHIA
American Public Health Association
APT
Association of Preservation Technology
ARTBA
American Road and Transportation Builders Association
ASA
Acoustical Society of America
ASA
Architectural Secretaries Association
ASC/AIA
Association of Student Chapters/AIA
ASCE
American Society of Civil Engineers
ASCP
American Society of Consulting Planners
ASE
Alliance to Save Energy
ASEA
American Society of Engineers and Architects
ASHRAE
American Society of Heating, Refrigeration and Air-Conditioning Engineers
ASID
American Society of Interior Designers
ASLA
American Society of Landscape Architects
ASME
American Society of Mechanical Engineers
AUA
Association of University Architects
AUA
American Underground Space Association
B

BCMC
Board of Coordination of Model Codes
BCTC
Building and Construction Trades Council, AFL-CIO
BEPs
Building Energy Performance Standards
BLM
Bureau of Land Management, Department of Interior
BOCA
Building Officials and Code Administrators International
BOMA
Building Owners and Managers Association International
BOMI
Building Owners and Managers Institute
BOR
Bureau of Outdoor Recreation, Department of Interior
BRAB
Building Research Advisory Board, National Academy of Sciences
CAA
Commonwealth Association of Architects
CABO
Council of American Building Officials
CAC
Construction Action Council
CACE
Council of Architectural Component Executives
CBT/NBS
Center for Building Technology, National Bureau of Standards
CDC
Community Design Center
CEC
Consulting Engineers Council
CEFP
Council of Educational Facility Planners
CEQ
Council on Environmental Quality
CEU
Continuing Education Unit
CFR/NBS
Center for Fire Research, National Bureau of Standards
CIAM
Congrés Internationaux d’Architecture
CIMA
Construction Industry Manufacturers Association
CPAR
Committee for the Preservation of Architectural Records
CPMC
Construction Products Manufacturers Council
CPSC
Consumer Products Safety Commission
CRC
Construction Research Council
CSI
Construction Specifications Institute
D

DOC
  Department of Commerce
DOD
  Department of Defense
DOE
  Department of Energy
DOT
  Department of Transportation

E

EBI
  Energy Bureau, Inc.
ED
  Department of Education
EDRA
  Environmental Design Research Association
EEOC
  Equal Employment Opportunity Commission
EERI
  Earthquake Engineering Research Institute
EFL
  Educational Facilities Laboratories Inc.
EGCA
  Engineering and General Contractors Association
EPA
  Environmental Protection Agency
ERDAC
  Energy Research and Development Advisory Council

F

FAA
  Federal Aviation Administration, Department of Transportation
FAIA
  Fellow of The American Institute of Architects
FCARM
  Federacion de Colegios de Arquitectos de la Republica Mexicana
FCC/BRAB
  Federal Construction Council, Building Research Advisory Board
FHA
  Federal Housing Administration, Department of Housing and Urban Development
FHWA
  Federal Highway Administration, Department of Transportation
FIA
  Federal Insurance Administration, Department of Housing and Urban Development
FmHA
  Farmers Home Administration, Department of Agriculture
FPAA
  Federacion Panamericana de Asociaciones de Arquitectos, Pan American Federation of Architects Associations
FRA
  Federal Railroad Administration, Department of Transportation
G

GSA
  General Services Administration

H

HABS
  Historic American Buildings Survey
HHS
  Department of Health and Human Services
Hon. AIA
  Honorary Member of The American Institute of Architects
Hon. FAIA
  Honorary Fellow of The American Institute of Architects
HUD
  Department of Housing and Urban Development

I

IAH
  International Association for Housing
IALD
  International Association of Lighting Designers
ICAM
  International Confederation of Architectural Museums
ICBO
  International Conference of Building Officials
ICED
  Interprofessional Council on Environmental Design
IDSA
  Industrial Designers Society of America
IES
  Illuminating Engineering Society
IFRAA
  Interfaith Forum on Religion, Art and Architecture

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Circle 36 on information card
Acronyms from page 67

IIID
International Institute of Interior Design

IUD
Institute for Urban Design

MCSC
Model Codes Standardizations Council

NAAB
National Architectural Accrediting Board

NACO
National Association of Counties

NAD
National Academy of Design

NAHB
National Association of Home Builders

NAHB/RF
National Association of Home Builders, Research Foundation

NAHRO
National Association of Housing and Redevelopment Officials

NAR
National Association of Realtors

NAVFAC
Naval Facilities Engineering Command, Department of Defense

NAWC
National Association of Women in Construction

NBS
National Bureau of Standards

NCA
National Constructors Association

NCARB
National Council of Architectural Registration Boards

NCBFE
National Center for a Barrier-Free Environment

NCIC
National Construction Industry Council

NCSBCS
National Conference of States on Building Codes and Standards

NEA
National Education Association

NEAC
National Energy Advisory Council

NFPA
National Fire Protection Association

NFPACA
National Fire Prevention and Control Administration

continued on page 71
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Acronyms from page 69

NHRA  
National Housing Rehabilitation Association

NIAE  
National Institute of Architectural Education

NIBS  
National Institute of Building Sciences

NOMA  
National Organization of Minority Architects

NPS  
National Park Service, Interior Department

NRBA  
National Recreation and Park Association

NSBA  
National School Board Association

NSC  
National Safety Council

NSPE  
National Society of Professional Engineers

NTHP  
National Trust for Historic Preservation

NTIS  
National Technical Information Service

OMBE  
Office of Minority Business Enterprise

OPLR  
Office for Professional Liability Research, Victor O. Schinnerer & Co.

PBS  
Public Buildings Service, General Services Administration

PSAE  
Production Systems for Architects and Engineers

PSMA  
Professional Services Management Association

PSPA  
Passive Solar Products Association

RAIA  
Royal Australian Institute of Architects

RAIC  
Royal Architectural Institute of Canada

continued on page 73
HOW A FRIGID NEW ENGLAND ENVIRONMENT DEMONSTRATED THE EFFECTIVENESS OF PASSIVE SOLAR ENERGY AND EXOLITE™ SHEET.

EXOLITE double skinned sheet, the power of the sun, and a lot of design expertise allowed two facilities in New England to save energy and clobber winter.

Massive Trombe wall saves energy in Vermont warehouse.

A massive Trombe wall did the job for Famolare, Inc. at their warehouse addition in Brattleboro, Vermont. The Trombe wall is 184 feet long and oriented 10° west of due south. Windowless except for 16 roof monitors, the wall is expected to contribute 38% of the building's heat, with the balance being provided by ceiling-hung oil-fired unit heaters.

Two basic components of the solar system are a 12-inch concrete block wall and EXOLITE double skinned acrylic sheet as the glazing material. The EXOLITE sheet is several inches from the concrete wall, providing a chamber into which cooler air enters through openings in the bottom of the wall. Air is returned to the room through openings at the top after being heated, as it flows over the surface of the warm wall.

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A natural energy system becomes a learning experience for dormitory students.

Passive solar energy, simple in design and operation yet effective in saving fossil fuel, was adapted for dormitory and faculty housing at the White Mountain School in Littleton, New Hampshire. The long two-story building uses EXOLITE double skinned acrylic sheet in a series of interconnected solarium units on the south side to maximize collection of the sun's rays.

As the surfaces in the solarium are heated by the sun, the air is warmed, activating a thermostatically controlled fan. The fan transports the warm air to a rockbed heat storage area for use at night.

The solarium is separated from the living units by an internal window wall. During the day the winter sun penetrates the room as well as the solarium, providing direct, passive solar heat to the rooms.

Not only has maintenance been minimal for the heating system, but the opportunity to create an energy awareness in its students has proved to be a giant plus for the school.

EXOLITE sheet: for all the energy under the sun.

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It has outstanding thermal insulation values and is an excellent passive solar energy material, opening exciting new design and construction possibilities for you.

If you want to know more, please contact us at West Main Street, Bound Brook, NJ 08805. (201) 356-2000.
Acronyms from page 71

RANN  Research Applied to National Needs, National Science Foundation
RCSSH  Red Cedar Shingle and Handsplit Shake Bureau
RIBA  Royal Institute of British Architects
R/UDAT  Regional/Urban Design Assistance Teams

SAH  Society of Architectural Historians
SARA  Society of American Registered Architects
SBA  Standard Building Code
SBCC  Southern Building Code Congress
SCUP  Society for College and University Planning
SEA  Solar Energy Association
SEI  Solar Energy Institute of America
SERI  Solar Energy Research Institute
SHAF  Solar Homes Association and Foundation
SMPS  Society of Marketing Professional Services
SSRC  Structural Stability Research Council

UBC  Uniform Building Code
UCI  Uniform Construction Index
UIA  Union Internationale d'Architects
UIFA  International Union of Women Architects
UL  Underwriters Laboratories Inc.
ULI  Urban Land Institute

WEF  Wind Energy Foundation
Thiokol LP® Polysulfide Base Sealants Offer 30-Year Track Record

Since 1947 building sealants based on Thiokol's LP polysulfide polymers have been specified by architects; and they continue to be the choice of architects and sealant applicators throughout the world.

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These properties include: excellent resistance to many types of oils and solvents; excellent resistance to aging, ozone, oxidation and sunlight; excellent adhesion to most common construction materials; and the ability to expand and contract with joint movement.

But the test of any sealant is actual performance. The buildings shown here are just a few examples of longevity in applications involving sealants based on Thiokol's polysulfide polymers.

We'll be happy to tell you about other applications. Write for details.

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THAT the amount of movement in a joint is dependent on the length and composition (coefficient of linear expansion) of a panel section and the temperature gradient that is encountered.

THAT in designing joints, the proper width-to-depth ratio must be specified so that the width of the joint is consistent with the capability of the sealant, to endure the daily and seasonal extensions and compression cycles for prolonged periods.

THAT as joints expand and contract, the sealant's shape changes accordingly, but the volume of sealant remains constant.

THAT joints must be designed so that the compression and extension of the sealant will not exceed the movement capability of the sealant.

THAT the technical tips listed above are described in a 20 page brochure, “Joints Design Digest”. Send for your copy.

Have A Question About Sealants?

If you have a question about Thiokol polysulfide base sealants—questions regarding adhesion, expansion, contraction, conditions for applying the sealant, specifications, past performance—write us. We'll be happy to help.
Directory of AIA Resources

A/E Selection

Architect/Engineer Government Contracting: A Manual (4-M718)

Compendium: Architect Selection Laws (4-N509)
Contains laws of the 18 states that now have specific legislation regulating the selection of architects for public construction projects. Appendix contains a list of state agencies responsible for implementing these laws and the federal A/E (Brooks) procurement law. Free to members; $5, nonmembers. Available through Publications Fulfillment Office (626-7332).


Planning City Hall
20-page publication (1975) prepared for the International City Management Association under a grant from AIA, outlines AIA's preferred method of architect selection based on qualification in addition to other considerations relating to building construction. It is a useful tool when discussing A/E selection with state and local officials. Free. Available through State Component Affairs Office (626-7386).

Working in Government: A Profile Study of the Architect as a Public Employee (2-M712)
40-page report (1978) prepared by AIA's architects in government committee. The information presented in this report is intended to give the general public a better understanding of the various functions performed by architects in government. Developed from a survey of more than 2,000 architects in government conducted in 1976, it provides a comprehensive profile of those persons practicing as architects in the public sector. $5/$6. Available through Publications Fulfillment Office (626-7332).

For further information about A/E selection, contact the following offices: federal government—Federal Agency Liaison Office (626-7383); state government—State Component Affairs Office (626-7385); nongovernmental projects—Professional Interest Programs Office (626-7364).

Affirmative Action

A Directory of Minority Architectural/Engineering Firms (4-M709)
The directory (1978) prepared by AIA and the American Consulting Engineers Council (ACEC) lists both member and nonmember minority architectural and engineering firms nationwide. $5 for AIA and ACEC members, $10 for nonmembers. Available through Publications Fulfillment Office (626-7332).

For further information about affirmative action, contact the Minority Resources Office, 626-7434.

AIA

AIA and Related Organizations (1-HBC3)
Chapter 3 (1972) of the Architect's Handbook of Professional Practice, this document explains AIA and its associated organizations, and outlines the roles of related professional societies. $1.20/$1.80. Available through Publications Fulfillment Office (626-7332).

AIA Bylaws (6-N100)
40-page publication, updated annually by the secretary of the Institute, outlining the bylaws of AIA. Free. Available through Publications Fulfillment Office (626-7332).

AIA Emblem for Printing
Instruction sheet regarding rules for use of AIA emblem. Two sheets of reproducible emblems in various sizes for use on letterheads, etc. Free. In limited quantities. Available through Public Relations Department (626-7460).

AIA Headquarters Slide Show

AIA Journal
Official magazine of AIA, published monthly except May and August, when semimonthly. Subscription price included in AIA membership dues. For subscription information for others, contact Circulation Department, AIA Journal (626-7327).

AIA Membership Directory (4-M136)
Annual alphabetical listing of AIA members, including addresses and chapter affiliations. Appendices include honorary members and fellows, component presidents, medals and awards, affiliated and associated organizations. $10/$60. Available through Publications Fulfillment Office (626-7332).

AIA Memo
Newsletter, published twice a month, sent to the entire membership. Aims to keep members abreast of Institute programs, achievements, services, etc. Free. Available through Public Relations Department (626-7465).

AIA National Convention
Annual conference for all AIA members, where officers are elected, product information displayed, workshops and seminars presented, etc. Location and registration fee vary. Contact Convention Office (626-7395).

AIA Research Corporation
AIA/RC descriptive brochure. Available through AIA/RC at AIA Headquarters (626-7500).

AIA Tote Bag
Available through Public Relations Office (626-7395). The American Institute of Architects in bold black letters with AIA emblem on off-white heavy-duty cotton canvas. Washing instructions included. 10x13 1/2 x4 1/2 inches. AIA members and components only. $6 each. Available through Publications Fulfillment Office (626-7332).

Annual Committee Reports
AIA committees report annually to the board of directors on their activities. Free. Available through Office of Assistant Secretary (626-7502).

A Celebration of Architecture (6-N826)
Flyer describing AIA's 1979 celebration program in which architects throughout the country encourage greater public understanding of what architecture is, how it can be enjoyed and how it comes to be. Free. Available through Public Relations Department (626-7460).

Code of Ethics and Professional Conduct (6-J330)
Explains the Institute's canons, ethical standards and rules of conduct. Available through Office of Assistant Secretary (626-7502) or Publications Fulfillment Office (626-7332).
Arbitration

AIA Adoption of the AAA Construction Industry Arbitration Rules

Four-page publication (1975) that explains the conversion, in 1966, from AIA’s Standard Form of Arbitration Procedure to the Construction Industry Arbitration Rules. Free.

Available through Documents Office (626-7454).


Available through Documents Office (626-7454).


Available through Documents Office (626-7454).

For further information about arbitration, contact the Documents Office, 626-7454.

Architect-Client Relations

American Institute of Architects Advertising

Leaflet describing former national advertising campaigns, ads for local chapter use, public service radio and television spots. Free.

Available through Publications Fulfillment Office (626-7332).

Client’s Guide to Architectural Services

For persons who are about to undertake an enterprise, making the design and construction of a building (1978). Published by the office practice committee, Boston Society of Architects. $1.50 includes handling.

Available through the Boston Society of Architects, 320 Newbury St., Boston, Mass. 02115 (617) 267-5175.

Fulfillment Office (626-7332).

Nobody Wants to Listen to Your Problems — Right? Wrong (6-N814)

Companion pamphlet to 1975 ad series encouraging clients to “plan now.” (“One of these days you’re going to build . . .” “When you think it’s too soon to call an architect . . .” and “There’s a way to save on your next building.”) Consists of case studies demonstrating advantages of hiring an architect for planning although construction time is indefinite. Free.

Available through Public Relations Department (626-7460).

Selling Architectural Services (3-S207)

Cassette (1973) showing how the architect can conduct a practice in a professional and more prosperous manner by using effective marketing techniques. 

S9/S10.

Available through Publications Fulfillment Office (626-7332).

Selling Architectural Services II (3-S218)

This cassette (1975) examines the person-to-person selling process. It focuses on how to understand and work with your client’s problem, achieving a mutually beneficial client-architect relationship.

$10.9. Set of two cassettes (3-SAS), $17.25/$19.

Available through Publications Fulfillment Office (626-7332).

You and Your Architect (4-N802)

Publication (1980) by David R. Dibner, FAIA, that answers client questions about the selection and compensation of an architect. Outlines responsibilities of the architect and the client during construction. Up to 25 copies free; $10 per 100.

Available through Publications Fulfillment Office (626-7332).
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For further information about the role of the architect, contact the Public Relations Department, 626-7460.

Architects

Architects/Architecture
(1977, International Masonry Institute) 16mm color film, 36 minutes. Four American architects discuss architectural design and the opportunities and problems facing students and practitioners. Features Warren Cox, FAIA; George Hartman, FAIA; Ulrich Franzen, FAIA, and Philip Johnson, FAIA, and shows examples of their work. Rent $15 to AIA members only.
Available through Audiovisual Division, Library (626-7495).

Biographical Information on Architects
The library will attempt to provide biographical information on individual architects, using reference sources such as the Baldwin Memorial Archive of American Architects. Contact the Library (626-7493).

Conversation with an Architect (4-Q118) 16mm color sound film, 28 minutes (1975). Discusses the role of the architect in today's society. Shows architects at work on a planned housing development, a school, a factory and an urban area. Free loan to AIA members and components only.
Available through Audiovisual Division, Library (626-7495).

Conversation with an Architect
Available through Public Relations Department (626-7460).

Do It with an Architect. Bumper sticker, $1 each.
Available through Association of Student Chapters/AIA at AIA Headquarters (626-7472).

First Principles
16mm color film (18 minutes) with Vincent Scully, narrator. Discussion of Louis I. Kahn's philosophy of design with examples of his masonry work in conjunction with Roman architecture. Rent $15 to AIA members.
Available through Audiovisual Division, Library (626-7495).

Frank Lloyd Wright Crayon Drawing "Sahuaros"
Numbered edition serigraph (total edition 200); image size 12¼ x 13¾ inches, each print initialed on white border by Mrs. Frank Lloyd Wright, overall size 17¼ x 18¼ inches, mailable, $300 postpaid.
Available from Arizona Architects Foundation, Inc., 1121 N. Second St., Phoenix, Ariz. 85004

Harold Sterner: Architect and Artist

Mr. Wright and the Johnsons of Racine, Wis.
Reprint from AIA Journal (1979) of an informal talk by Samuel C. Johnson on Frank Lloyd Wright and comments about the Wright architecture commissioned by his father. Free.
Available through Director, Design and Environment Programs (626-7363).

S. E. Rasmussen
Sixty-seven color slides (1979) with cassette tape featuring famed Danish architect and town planner S. E. Rasmussen. Rasmussen narrates the 24-minute program, which is based on his AIA medal-winning book, Experiencing Architecture. Free loan; AIA members only.
Available through Audiovisual Division, Library (626-7495).

The Travel Sketches of Louis I. Kahn
Sixty-three-page exhibition catalog (1977) showing 1913 to 1959. Prepared by the Pennsylvania Academy of the Fine Arts. 31 black and white illustrations, four color plates. $8 postpaid.

William Thornton: A Renaissance Man in the Federal City
Fifty-eight-page exhibition catalog (1976) for exhibition, held at the Octagon, on the first architect of the United States Capitol and the Octagon. Prepared by David N. Yerkes, FAIA, and Elinor Stearns; 46 black and white illustrations. $3.75 postpaid.

Detailed biographical information on individual architects may be obtained through the Library, 626-7493.

Architecture (General)

Art in Architecture (6-N828)
Pamphlet (1979) providing a brief overview of the history of art in architecture, ground rules and possible sources for funding. Free.
Available through Public Relations Department (626-7460).

Books on Architecture/Related Subjects
Alphabetical listing of over 3,000 books used by the architectural profession and of interest to the public, giving title, author, publisher and price of books available from hundreds of publishers. Revised annually in October. Free. Send $3 for postage and handling.
Available through St. Louis Chapter/AIA, 919 Olive St., St. Louis, Mo. 63101, (314) 621-3484.

Celebrating American Architecture (4-N825)
Slide show (1979) designed to provide general audiences with a better understanding of American design and architecture. Eighty color slides of 1979 national honor award and 25-year award winning buildings depicted. Script provides introduction and brief general description of the structures. $20 prepaid.
Available through Public Relations Department (626-7460) or Publications Fulfillment Office (626-7332).

Conversation with an Architect
Available through Public Relations Department (626-7460).

Experience of Architecture in the Southwest
Tape cassette with 55 slides of examples of architecture in New Mexico, including ancient Indian and present day structures. Free loan to AIA members.
Available through Audiovisual Division, Library (626-7495).

Historic Buildings and Contemporary Structures
Two books featuring 18 historical structures and 12 contemporary buildings, complete with slides. Authored by members of the Women's Architectural League, with an architect consultant for each building, and edited by George McCue, Hon. AIA, and Robert Vickery, AIA. Historic Buildings features 80 slides, $28 postpaid.
for the AIA committee on architecture for the arts and recreation. $5/$6.

Available through Publications Fulfillment Office (626-7332).

Mobile Recreation (AIA Committee on Architecture for the Arts and Recreation)
Eighty color slides (1979) with cassette tape depicting a mobile system for providing many types of recreational, cultural and educational activities for inner city youths. Free loan.

Available through Audiovisual Division, Library (626-7495).

For further information about arts and recreation facilities, contact the Professional Interest Programs Office, 626-7429.

Audiovisual Materials

AIA Headquarters Slide Show
50 color slides, with script and cassette tape (1974). Past AIA President Archibald Rogers, FAIA, discusses the AIA headquarters building and the Octagon. Free loan to AIA members only.

Available through Audiovisual Division, Library (626-7495).

All Weather Construction
65 color slides with tape cassette and script explaining techniques for cold weather masonry construction. Free loan to AIA members.

Available through Audiovisual Division, Library (626-7495).

Architects/Architecture
(1977, International Masonry Institute) 16mm color film, 36 minutes. Four American architects discuss architectural design and the opportunities and problems facing students and practitioners. Features Warren Cox, FAIA; George Hartman, FAIA; Ulrich Franzen, FAIA, and Philip Johnson, FAIA, and shows examples of their work. Rent $15 to AIA members only.

Available through Audiovisual Division, Library (626-7495).

Architectural Career Awareness Package
(3-M401) 80 color slides with script for use by high school counselors or architects lecturing young groups of prospective architects. Includes “Architecture in Community and Junior Colleges,” “Architecture Schools in North America” and assorted pamphlets. $27/$30.

Available through Association of Student Chapters/AIA at AIA Headquarters (626-7472) or Publications Fulfillment Office (626-7332).

Architecture and Your Life (4-Q101) 35mm, 50 frame color filmstrip, with teacher’s guide. Discusses the use of architecture by man and the unprecedented responsibility of today’s citizen for deciding upon the quality of this environment. $5.

Available through Publications Fulfillment Office (626-7332).

Architecture Internship/Associate Membership
Cassette and slides looking into the experiences of architectural interns, with discussion of internship opportunities and associate membership in AIA. 10 minutes.

Available through Professional Development Office (626-7353).

Audiovisual Materials
Four-page annotated list (1979) of audiovisual materials available for loan and/or sale from the AIA library. Free loan.

Available through the Library (626-7493).

Beating the Averages
Raymond Burr narrates the 16mm color film (26 minutes) in which handicapped people show how architectural barriers affect their lives. Free loan.

Available through Audiovisual Division, Library (626-7493).

Bibliographies of Audiovisual Materials Available Through Sources Other Than AIA
The audiovisual librarian will supply on request bibliographies of A/V materials on various architecture and planning topics. Materials listed have not been screened.

Contact Audiovisual Division, Library (626-7493).


Available through Publications Fulfillment Office (626-7332).

A Child Went Forth
16mm color film (28 minutes) focusing on the debilitating effects of inner-city schools on children, and providing a contrast with new innovative projects for school architecture. Free loan.

Available through Audiovisual Division, Library (626-7493).

Conversation with an Architect
16mm color sound film, 28 minutes (1975). Discusses the role of the architect in today’s society. Shows architects at work on a planned housing development, a school, a factory and an urban area.
Free loan to AIA members and components only; $95 for used copy in good condition.

Available through Audiovisual Division, Library (626-7495).

Designing a Nation's Capitol—Competition: 1792
87 black and white slides with script. Includes competitors and their drawings for the 1792 competition for the U.S. Capitol. Free loan to AIA members.

Available through Audiovisual Division, Library (626-7495).

Designing Your Brochure as an Aid in Marketing Your Services (3-S224)
This one-hour cassette (1976) tells you how to gear your brochure to your desired market by making it convey your firm's personality, your ability to take care of the client, your problem-solving ability, the range of your services, etc. The contents of an "ideal" brochure are outlined. $9/$10.

Available through Publications Fulfillment Office (626-7332).

Designscape
160 color slides with reel-to-reel synchronized tape (1975). A visually delightful view of many of the old and new "designs" we see all around us. Free loan to AIA members only.

Available through Audiovisual Division, Library (626-7495).

Downtowns for People
16mm color film, 26 minutes (1972) showing examples of European and American downtown areas from the pedestrian's viewpoint. Free loan to AIA members only; no sale.

Available through Audiovisual Division, Library (626-7495).

Environments for People: Program Package 5 (4-N812)
Eighty slides, introduction, script and suggestions for use (1976). Explains how architects provide for basic human needs (shelter, privacy, personalization, socializing mobility, communication) in their design of the human environment. $20 prepaid.

Available through Publications Fulfillment Office (626-7332).

Experience of Architecture in the Southwest
Tape cassette with 55 slides of examples of architecture in New Mexico, including ancient Indian and present day structures. Free loan to AIA members.

Available through Audiovisual Division, Library (626-7495).

Film Loans
The audiovisual librarian has a collection of films on architecture and planning subjects, most of which are available for free loan to AIA members and the general public. The only charge is return postage via UPS or insured mail.

Contact Audiovisual Division, Library (626-7495).

First Principles
16mm color film (18 minutes) with Vincent Scully, narrator. Discussion of Louis I. Kahn's philosophy of design with examples of his masonry work in conjunction with Roman architecture. Rent $15 to AIA members.

Available through Audiovisual Division, Library (626-7495).

How Architecture Speaks: Program Package 2 (4-N808)
43 slides, guidelines, script and quiz sheets (1974) that show people how architecture "speaks" through form, color, scale, texture, materials. Quiz tests people's reactions to structures. $18 prepaid.

Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

Intern-Architect Development Program (IDP)
Cassette and slides of an in-depth review of IDP concepts, participation and operation, including the AIA supplementary education program and advisory system. 20 minutes. Free loan to AIA members/components.

Available through Professional Development Office (626-7353).

Lafayette R/UDAT
16mm color film, 25 minutes (1978), documents the AIA R/UDAT visit to Lafayette, Ind. Free loan to AIA members.

Available through Audiovisual Division, Library (626-7495).

Los Angeles: 20th Century American City (Environmental Communications)
Eighty-seven color slides with booklet. Explores important aspects of new trends and problems in contemporary urban development: urban sprawl, low-density ghetto, freeway systems, leisure facilities, land use patterns. Rent $15 to AIA members only.

Available through Audiovisual Division, Library (626-7495).

Mobile Recreation (AIA Committee on Architecture for the Arts and Recreation)
Eighty color slides (1979) with cassette tape depicting a mobile system for providing many types of recreational, cultural and educational activities for inner city youths. Free loan.

Available through Audiovisual Division, Library (626-7495).

No Little Plans
The history of the AIA and its services today, featuring Elmer Botsai, FAIA; Wolf von Eckardt, Hon. AIA, and Winfield Rankin, Hon. AIA; includes material drawn from the AIA archives and library. 16mm color slide-film, 18 minutes. Free loan to AIA components and chapters.

Available through Audiovisual Division, Library (626-7495).

Octagon Slide Set
Five color slides of the Octagon. $2 postpaid.


Passive Solar Design (4-N833)
Set of 80 slides and script (1980) illustrating passive solar design principles and their applications through diagrams and representational building samples. Regional and climatic considerations are evident in the examples used. Intended for a nontechnical audience. $22 prepaid after Oct. 1, 1980, available through Public Relations Department (626-7460) or Publications Fulfillment Office (626-7332).

S. E. Rasmussen
Sixty-seven color slides (1979) with cassette tape featuring famed Danish architect and town planner S. E. Rasmussen. Rasmussen narrates the 24-minute program, which is based on his AIA medal-winning book, Experiencing Architecture Free loan to AIA members only.

Available through Audiovisual Division, Library (626-7495).

R/UDAT Films
Fils of some previous R/UDATs are available on loan.

Available through the Audiovisual Division, Library (626-7495).

Scope of Services of Interior Architecture (AIA Committee on Interior Architecture)
Two-hundred color slides (1980) with script describing the array of services architects provide in interior design, relating these services to AIA Document B171, "Standard Form of Agreement for Interior Design Services." Show designed for two projectors and two screens, but can be shown in a single projector and screen. Free loan to AIA members only.

Available through Audiovisual Division, Library (626-7495).
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Awards

AIA/ACSA Award for Excellence in Architectural Education

Annually awarded for excellence in teaching architectural design or history. Nominees must be colleagues, students or former students of the candidate.

Contact Awards Division, Office of Assistant Secretary (626-7390).

AIA/AFL-CIO Joint Craftsman Award Program

Biennial awards recognizing outstanding workmanship and the display of interest and ingenuity by the tradesman. Awarded to any journeymen or apprentice member of any of the building and construction trade unions of AFL/CIO.

Contact Awards Division, Office of Assistant Secretary (626-7390).

AIA Honor Awards 1981 (6-N602)

Brochure describing the programs, including eligibility requirements, submission procedures, entry dates and fees, etc. Contains a tear-off entry slip. Free.

Contact Awards Division, Office of Assistant Secretary (626-7390).

AIA Library Cross-Referenced Awards File

All AIA honor and merit awards have been indexed by date, place, architect, name of project and building type. The library staff can answer questions such as how many houses in Chicago have won AIA awards, etc.

Contact the Library (626-7493).

Architectural Firm Award

Highest honor bestowed to a firm by the Institute. Awarded annually.

Contact Awards Division, Office of Assistant Secretary (626-7390).

Celebrating American Architecture (4-N825)

Set of 80 slides depicting 1979 national honor award and 25-year award winning buildings. Script is included to provide brief descriptions of the structures and their award-winning qualities. $20 prepaid.

Available through Publications Fulfillment Office (626-7332).

Concrete Reinforcing Steel Institute Design Awards Program

Biennial program sponsored by CRSI and open to site-cast reinforced concrete structures of all types. Material describing the design awards program, free.

Available through the Awards Division, Office of Assistant Secretary (626-7390).
Guidelines for Component Award Programs
This 12-point guideline developed by the committee on design was reviewed and shaped jointly by the committees of practice and design and component affairs. Free.
Available from director of Design and Environment Programs (626-7363) or Administrator, Component Affairs (626-7478).

Homes for Better Living Awards
Brochure describing the annual award program open to custom-designed houses, merchant-built houses and multifamily housing in the U.S. and its possessions. Sponsored by AIA in conjunction with Housing magazine. Contains eligibility requirements, submission procedures, entry dates, etc., and a tear-off entry slip. Free. Available through Awards Division, Office of Assistant Secretary (626-7390).

Information for Honor Award Program Entrants
Descriptive information, including a check list, on how to prepare binders and forms for entry into AIA honor award programs, current and extended use. Automatically sent to all entrants who submit entry slips and checks for the program. Free. Available through Awards Division, Office of Assistant Secretary (626-7390).

Institute Honors
Brochure describing the AIA program that recognizes distinguished achievements in the fine arts, industrial arts, architectural criticism and allied professions with the award of annual medals. Contains submission procedures, nomination forms, etc. Free. Available through Awards Division, Office of Assistant Secretary (626-7390).

Library Buildings Award Program
Awards given for libraries designed in the U.S. or abroad by American architects. Sponsored by AIA in conjunction with the American Library Association. Libraries are judged in four categories: academic, public, school and state. Biennial. Contact Awards Division, Office of Assistant Secretary (626-7390).

List of Honor and Award of Merit Recipients
Chronological list of all the projects that have won AIA honor awards and awards of merit, including location and architect(s). Free. Available through Awards Division, Office of Assistant Secretary (626-7390).

Louis Sullivan Award for Architecture
Brochure describing the biennial award for projects using masonry. Sponsored by International Union of Bricklayers and Allied Craftsmen and administered by AIA. Contains eligibility requirements, submission procedures, entry dates, etc., and a tear-off entry slip. Free. Available through Awards Division, Office of Assistant Secretary (626-7390).

Naval Facilities Engineering Command Awards Program
Includes constructed architectural projects either for the Navy or other government agencies, so long as design and construction were administered by NAVFAC. Projects may be submitted in various categories for naval facilities. Biennial. Contact Awards Division, Office of Assistant Secretary (626-7390).

Red Cedar Shingle & Handsplit Shake Bureau Design Awards
To honor architects demonstrating design excellence and significant functional or aesthetic uses of cedar shingles or shakes. Annual. Contact Awards Division, Office of Assistant Secretary (626-7390).

Reynolds Aluminum Prize for Architectural Students
Brochure describing the annual award program open to students who have completed two years of architectural school. Sponsored by Reynolds Metals Co. and administered by AIA. Contains eligibility requirements, submission procedures, entry dates, etc. Free. Available through Awards Division, Office of Assistant Secretary (626-7390).

R. S. Reynolds Memorial Award
Brochure describing the annual international award for architecture using aluminum. Sponsored by Reynolds Metals Co. and administered by AIA. Contains eligibility requirements, submission procedures, entry dates, etc., and a tear-off entry slip. Free. Available through Awards Division, Office of Assistant Secretary (626-7390).

Slide Loans
The audiovisual librarian maintains a slide collection of approximately 12,000 slides. These slides are primarily on American architecture, and include documentation of most AIA award-winning projects. No list is available of the collection, but the A/V librarian will select slides on specific subjects. Free loan to AIA members. Contact Audiovisual Division, Library (626-7495). For further information about award programs in general, contact the Awards Division, Office of Assistant Secretary, 626-7390.

Barrier-Free Architecture
Beating the Averages
Raymond Burr narrates the 16mm color film (26 minutes) in which handicapped people show how architectural barriers affect their lives. Free loan. Available through Audiovisual Division, Library (626-7495).

Designing for the Physically Handicapped

Into the Mainstream: A Syllabus for a Barrier-Free Environment
Forty-four-page report (1975) by Stephen Kliment, FAIA, containing practical information on how a community can achieve a barrier-free environment. $2.75/$3. Available through Publications Fulfillment Office (626-7332).

For further information about barrier-free architecture, contact the Codes & Standards Office, 626-7453.

Bibliographies
Bibliographies of AIA Library Holdings and Periodical Articles
The library staff will prepare on request bibliographies of library books and/or periodical articles on specific subjects or building types. Members can identify books they wish to borrow from these lists. Free. Library has no photocopying facilities. Contact the Library (626-7493).

Bibliographies of Audio-Visual Materials Available Through Sources Other Than AIA
The audiovisual librarian will supply on request bibliographies of A/V materials on various architecture and planning topics. Materials listed have not been screened. Contact Audiovisual Division, Library (626-7495).

Bibliography of Bibliographies
Four-page list (1978) of subject bibliographies compiled by the library staff. Contains approximately 200 subjects.
on which bibliographies of the library’s holdings and/or periodical articles have been prepared. Free. Available through the Library (626-7493).

Environmental Education Teaching Tools
Forty-page annotated catalog (1975) prepared by the environmental education committee, listing information on resources (books, games, films, etc.) for environmental education. Free. Available through the Director, Environmental Education (626-7573).

Environmental Impact Statements Bibliography
Four-page selected and annotated bibliography (1975) prepared by the AIA committee on architecture for commerce and industry. Free. Available through the Library (626-7493).

Recent Accessions
Bimonthly list of recent library acquisitions, arranged by subject. $1/year. Available through the Library (626-7493).

Value Engineering and Life Cycle Bibliography
Four-page selected and annotated bibliography (1975) prepared by the AIA committee on architecture for commerce and industry. Free. Available through the Library (626-7493).

Building Costs
Provides architects, engineers and clients with a straightforward and usable technique allowing them to consider all relevant economic consequences of design decisions (1978). A primer prepared by the life cycle cost analysis task force of AIA. $8/$10. Available through Publications Fulfillment Office (626-7332).

Life Cycle Cost Analysis 2: Using It in Practice (2-M713)
Responds to the critical question: Where in the planning and design process can the life cycle cost analysis technique be effectively used? (1978.) Provides guidelines for selecting application areas and a number of case study applications, as well as commentary on the planning and design process. In conjunction with the first life cycle guide, this publication presents an introduction to the life cycle cost analysis technique and a picture of its current uses in practice. $14.40/$18. Available through Publications Fulfillment Office (626-7332).

Value Engineering and Life Cycle Bibliography
Four-page selected and annotated bibliography (1975) prepared by the AIA committee on architecture for commerce and industry. Free. Available through the Library (626-7493).

For further information about building costs in general, contact the Practice Department, 626-7457.

Building Evaluation

Building Evaluation (3-S212)
Cassette explaining how to better meet human needs in design through evaluation of existing environments. 45 minutes. $9/$10. Available through Publications Fulfillment Office (626-7332).

Building Types

Bibliographies of AIA Library Holdings and Periodical Articles
The library staff will prepare on request bibliographies of library books and/or periodical articles on specific subjects or building types. Members can identify books they wish to borrow from these lists. Free. Library has no photocopying facilities. Contact the Library (626-7493).

Spaces for the Species
Thirty-minute slide synchronized cassette tape presentation (1975) summarizing users’ responses to various environments, such as a hotel, a school, an urban plaza and a shopping center. Free loan to AIA members only. Available through Audiovisual Division, Library (626-7495).

Careers in Architecture

Architectural History Syllabus
A collection of history notes and tips and pointers for candidates preparing for the history portion of the equivalency examination. $15, including tax and postage. Available through Cabrillo Chapter/AIA, 121 Linden Ave., Long Beach, Calif. 90802, (213) 432-9817.

Career Alternatives (6-N209)
Prepared by the architects in industry committee, this pamphlet discusses expanding opportunities for architects in nontraditional careers. Free. Available through Publications Fulfillment Office (626-7332).

Career Profile Architect (6-N207)
Publication (1980) aimed at the intermediate and high school students who want general information on the profession of architecture. It provides information on education, internship, salaries, practice, and a list of reading material and sources for more answers. Free. Available through Education Office (626-7349) or Publication Fulfillment Office (626-7332).

Careers in Architecture (1-HBC4)
Chapter 4 (1972) of the Architect's Handbook of Professional Practice, this document covers the architect's profession, education and training; the architect in practice; AIA; Association of Collegiate Schools of Architecture; National Architectural Accrediting Board, and the National Council of Architectural Registration Boards. $1.20/$1.80. Available through Publications Fulfillment Office (626-7332).

Counseling for Architectural Careers
Students desiring basic architectural career information are counseled by the Education and Professional Development Department staff. Counseling may be in person or by letter. Contact Education Office (626-7349).

What Do They Have in Common?
Program Package 8 (4-N604)
An 80-slide sampling of contemporary American architecture, from solar homes to urban hospitals from Manhattan to California—all designed by women. Package includes informational handouts and guidelines for suggested use, is appropriate for career guidance or public awareness presentations, can be shown without a narrator. $20. Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

For further information about careers in architecture, contact the Education Office, 626-7349.
Codes & Standards

Building Codes and Standards List
Annual comprehensive list of nationally used codes and standards, including publishers, addresses and prices. Free. Available through Codes and Standards Office (626-7456).

Developing Computer-Based Systems for Building Codes
A report on an exploratory research effort funded by the National Science Foundation, conducted by AIA Research Corporation. This is a study of the implications of computer technology on building regulations. $4. Available through AIA Research Corporation, at AIA headquarters (626-7500).

Educating the Architect: Fire and Life Safety
Thirty-three-page report (1975) prepared by the AIA task group on fire and life safety, documenting the need for better fire safety curricula in education, and a program to implement the proposed recommendations. Free. Available through Codes and Standards Office (626-7456).

One Code: A Program for Building Regulatory Reform
43-page report (1975) prepared by the AIA task group on building regulation, detailing a mechanism for achieving building code uniformity in the U.S. Free. Available through Codes and Standards Office (626-7456).

Prescriptive Standards: No Rx for Energy Conservation in Buildings (6-N816)

For further information about codes and standards in general, contact the Codes and Standards Office, 626-7456.

Community Centers

We Have To Be Able To Do It Ourselves
16mm color film discussing community design centers—what they are, what they do and why they work, featuring Philadelphia, Cleveland, New Orleans and San Francisco. Free loan. Available through Audiovisual Division, Library (626-7456).

Community Development

Community Design Center Technical Assistance
The director of minority resources and other specially selected experts assist CDCs with specific problems through on-site visits. Contact Director, Minority Resources Office (626-7434).

Community Design Centers Profile
Annual directory listing CDCs, with information about each regarding organization, funding, staff, activities, affiliations, etc. Free. Available through Director, Minority Resources Office (626-7434).

Community Development Block Grants: Opportunities for Shaping Urban Growth
17-page publication (revised 1978) that identifies for local government officials and concerned citizens provisions of Title I which provide opportunities for implementing AIA’s principal urban growth policy recommendations. Free. Available through State Component Affairs Office (626-7386).

Involving Architects in the Community Development Block Grant Programs: A Strategy Guide For AIA Components
For component use, provides guidance in the CD block grant planning and application process to encourage local AIA involvement in the programs. Free. Available through State Component Affairs Office (626-7386).

For further information about community development, contact the Minority Resources Office (626-7434).

Competitions

ASC/AIA Student Competitions
Several competitions are held each year. Contact Association of Student Chapters/AIA, at AIA Headquarters (626-7472)

Competitions Advisory Service
Information and assistance regarding architectural design competitions provided to sponsors, professional advisers, jurors and competitors in order to improve the planning and management of current and future design competitions. Contact Design and Environment Programs Office (626-7363).

Design Competitions Archive
AIA library competitions archive is a repository for the documentary material (excluding drawings) generated by architectural design competitions. Sponsors and/or professional advisers of recent competitions should send the archive copies of competition announcements, press releases, photographs of winning designs, publications, etc. Drawings should be donated to local libraries or archives. Contact the Library (626-7493).

Guidelines for Architectural Design Competitions (6-J332)

McDonald's Competition: The Most Innovative McDonald's of the Future
Catalog of the ASC/AIA McDonald’s design competition, offering comments from jury members, photographs and descriptions of the winning entries, and other sample entries. $4/$6.

Contact Association of Student Chapters/AIA, at AIA Headquarters (626-7472).

For further information about competitions in general, contact Design and Environment Programs Office (626-7363).

Components, AIA

AIA Component Clearinghouse
Service providing components with information on operations and numerous programs, including associate members in chapter programs, homeowners' clinics, component speakers' bureaus, Women's Architectural Leagues, sources of nondues income for chapter programs and establishing a component foundation. Free. Available through the Component Services Office (626-7377).

AIA Component Profile (4-N610)
Comprehensive survey report (December 1979) on the characteristics of AIA components and the programs and services they provide to their members and communities. Based on data collected from 208 AIA components from May to August 1979. $7. Available through Component Services Office (626-7377).
AIA Component Profile Supplement
Charts the programs and services provided by state and local components and includes a list of component budgets, publications, membership brochures and job descriptions available from the AIA component clearinghouse (January 1980).
Available through Component Services Office (626-7377).

Architects at the Legislature: Lobbying for a Statute of Limitations
Case studies reflecting both successful and unsuccessful lobbying efforts by AIA components and related organizations in Missouri, Minnesota and Illinois.
Available through State Component Affairs Office (626-7386).

Calendar: National AIA Functions and Deadlines for Use of Component President
Annual calendar designed to aid component presidents: notices of meetings, deadlines, etc. Free.
Available through Component Services Office (626-7377).

Celebrating Excellence: Program Package 11 (6-N829)
A "how-to" guide that addresses AIA components interested in setting up successful awards programs. With documented examples from Florida Association/AIA, Houston Chapter/AIA and other components' efforts, this package provides basic information and guidelines for each step of the program. An insert of the AIA Board Guidelines for Component Awards Programs is included. Free to components.
Available through Public Relations Department (626-7460) or Publications Fulfillment Office (626-7332).

A Celebration of Architecture: 25 Ideas for Components
Slide show and script that briefly describe 25 ways for AIA components to focus the public's attention on the built environment. The show outlines projects used to implement AIA's 1979 Celebration of Architecture program—tours, exhibits, guidebooks, etc. An "idea-kit" for components looking for PR projects to undertake. Free loan to components.
Available through Public Relations Department (626-7460).

Component Assistance Teams (CATS)
Teams composed of AIA members, staff and/or component executives, formed on an ad hoc basis when requested by a component. Purpose is to advise on internal (organizational) or external problems.
Contact Component Affairs Office (626-7378).

Component Charter Form
Application to be submitted by members requesting charter status within AIA; to be used in the formation of any new chapter. Free.
Available through Component Services Office (626-7377).

Component Editors Critique Service
A program to help improve the skills of editors of component newsletters and magazines. Critiques by graphic and editorial consultants are available on request.
Contact Public Relations Department (626-7460).

Component Executives—Do We Need One? (6-N608)
Brochure designed for component leaders who may be considering employing a component executive. Describes what an executive does and how a skilled manager can help elected leaders make the organization a more successful professional association. Discusses budget considerations and staff alternatives. Prepared by the Council of Architectural Component Executives (CACE). Free. Maximum 10 copies per component.
Available through Component Services Office (626-7377).

Component PR Assistance/Counseling
A program that offers different kinds of PR information, program packages, counseling and other aids to help components solve individual PR problems.
Contact Public Relations Department (626-7459).

Component Presidents' Manual
Descriptive manual on yearly chapter operations, including planning, programming and budgeting techniques. Free. One per chapter.
Available through Component Services Office (626-7377).

Direct Government Affairs Assistance
Direct assistance to components in the form of on-site consultation and resource documents for those seeking to expand established government affairs activities or focus on individual issues. Consultation by component officers and executives and Institute staff.
Contact State Component Affairs Office (626-7385).

Disaster Assistance Programs: A Strategy Guide for AIA Components
Describes how components of AIA can organize and implement disaster relief programs at the state and local levels. Emphasizes long-term planning and how architects can work with state and other volunteer organizations (Jan. 1979).

Effective Public Relations: A Guide for AIA Components (4-N805)
Annual loose-leaf "how to" handbook on PR planning, press relations, newsletters, speeches, television, etc. Free to chapter presidents, executives and PR chairmen; $5 to others.
Available through Publications Fulfillment Office (626-7332).

Government Alert for Components
Bulletin published six times per year, containing brief, timely reports on government affairs developments at the state and local level. Free.
Available through State Component Affairs Office (626-7386).

Governmental Information Clearinghouse
A service to provide components with information on state and local issues of professional and public concern. Materials available include copies of legislation, administrative rules, governmental studies and reports, AIA documents and other background materials. Includes data on liability, energy, registration.
Contact State Component Affairs Office (626-7386).

Grassroots
Series of three regional meetings held in January of each year which bring component officers and executives together with national officers and staff. Purpose is to review and discuss national programs and policies, give component leaders an opportunity to provide input into the national planning process and provide a forum for the exchange of ideas among components. (Program will be held only one time during 1981, in Washington, D.C.)
Contact Component Services Office (626-7376).

Guidelines for Component Award Programs
This 12-point guideline developed by the committee on design was reviewed and shaped jointly by the committees of practice and design and component affairs. Free.
Available from Public Relations Department (626-7460).

Guidelines for Component Bylaws
Assistance with component bylaws.
Contact Component Affairs Office (626-7378).
How to Organize an Effective Government Affairs Program
Forty-page guide for improving component government affairs programs. Includes information on the purpose and structure of such programs, the legislative process and state governmental contact systems. Free.
Available through State Component Affairs Office (626-7386).

How to Work Effectively with State Legislatures
Forty-four-page publication (1969) by the American Society of Association Executives, advising associations on establishment of a legislative program, lobbying, campaigning and evaluating a legislative session. Free.
Available through State Component Affairs Office (626-7386).

Involving Architects in the Community Development Block Grant Programs:
A Strategy Guide for AIA Components
For component use, provides guidance in the CD block grant planning and application process to encourage local AIA involvement in the programs. Free.
Available through State Component Affairs Office (626-7386).

Membership Forms/H Series
The following forms are intended for components' use. Free.
H301 Application for Membership
H302 Application for Associate Membership
H303 Favorable Recommendation of Chapter on Application for Membership
H305 Recommendation of Chapter for Unfavorable Action on Application for Membership
H351 Application for Professional Affiliateship
H601 Application for Membership Emeritus
H713 Favorable Recommendation for Remission of Institute Dues
Available through Membership Records Division, Office of Assistant Secretary (626-7393).

Mini-Grassroots
Program of 45 minutes to one and a half hours, designed to aid components in programming. Gives overview of AIA services and benefits to members and augments local members with national staff. Can be combined with membership recruitment activities. Free.
Contact Component Services Office (626-7376).

Organizational Directory (4-P105)
Annual directory of AIA officers and committees, component officers and executives. Shows organizational structure of Institute. Includes a list of related architectural organizations. Free to component officers and executives. $6 to AIA members only.
Component officers and executives contact the Component Services Office (626-7376). Members contact Publications Fulfillment Office (626-7332).

Original State and Local Government Programs Documents—Legislative Guidelines and Strategies
These documents may include model legislation, legislative guidelines, background information and strategies for component action on significant governmental issues.
Contact State Component Affairs Office (626-7386).

Public Relations Letter (PRL)
Bimonthly newsletter that gives case studies of component programs, national PR, announcements of program packages, "how-to" tips, etc. Especially useful for chapter PR chairman. Index and 18 issues. Free.
Available through Public Relations Department (626-7460).

Sample Articles for Components
A collection of sample articles to help AIA components encourage newspaper editors to run regular columns on architecture in local papers. Each article discusses a different aspect of architecture of interest to the public. Free to components.
Available through Public Relations Department (626-7460).

Schedule: Regional and State Conventions and Expositions
Annual schedule of meetings to be held by components, including place, expected attendance and contacts. Free.
Available through Convention Office (626-7395).

State Energy Conservation Plans: Opportunities for AIA Components
Outlines options for AIA components' involvement in the Department of Energy's program financing supplemental state energy conservation plans and energy audits (1977).
Available through State Component Affairs Office (626-7386).

State/Local Government: Issues & Strategies (4-N508)
Reference notebook (1979) for AIA components and architects working on government affairs issues. Updated annually, it contains sections on major issues, strategies, case studies and space for component materials. $20 to AIA members only.
Available through Publication Fulfillment Office (626-7332).

Women's Architectural Leagues
Organized to promote and advance public awareness of architecture and to complement the activities of local AIA components. WAL has chapters throughout the country and holds a national meeting in conjunction with the annual AIA convention. Interested persons and components may obtain a roster of WAL chapters and information on local chapter activities.
Available from Component Services Office (626-7377).

You and Your Component Executive
Brochure written for component officers and directors, identifies major areas of responsibility of both component executives and components themselves with respect to their executives. Prepared by the Council of Architectural Component Executives (CACE). Free.
Available through Component Services Office (626-7376).

Computer Applications

CFMS—Computer Based Financial Service
Six-page brochure by the system operator, Harper & Shuman, Inc., describing the Institute's multifaceted computer based system for design professionals. Explains how CFMS provides detailed, understandable financial reports. Free.
Contact PSAE, a wholly owned corporation of AIA, at AIA Headquarters (626-7446).

Developing Computer-Based Systems for Building Codes
A report on an exploratory research effort funded by the National Science Foundation, conducted by AIA Research Corporation. This is a study of the implications of computer technology on building regulations. $4.
Available through AIA Research Corporation, at AIA headquarters (626-7500).

For further information about computer applications in general, contact the Practice Office, 626-7457. Questions regarding MASTERSPEC should be directed to Production Systems for Architects and Engineers, Inc. (PSAE), at AIA Headquarters, 626-7446.
Construction Industry

All Weather Construction
Sixty-five color slides with tape cassette and script explaining techniques for cold weather masonry construction. Free loan to AIA members.
Available through Audiovisual Division, Library (626-7495).

Loose-leaf reference book (1979) prepared by Bernard B. Rothschild, FAIA, containing information on bonds and insurance related to construction projects, with glossary of insurance terms and suggested check list. $16/$20.
Available through Publications Fulfillment Office (626-7332).

The Construction Industry (1-HBC2)
Chapter 2 (1969) of the Architect's Handbook of Professional Practice, this document includes information on the industry, the owner, the design professions, the constructors and related elements, special types of construction services, comprehensive architectural services and building organizations. $6.00/$9.00.
Available through Publications Fulfillment Office (626-7332).

Design and Construction Methods (4-N410)
Prepared by the AIA committee on architecture for commerce and industry, this pamphlet provides a summary of the most prevalent approaches to getting a building project designed and constructed. Design/award/build, fast track and the design team approach are only three of the options available to the architect as an owner. Single copies are free; in bulk quantities the cost is $7.100 copies.
Available through Publications Fulfillment Office (626-7332).

Glossary of Construction Industry Terms (2-M101)
Eighteen-page publication (1970), including definitions of terms with special meaning or connotation in the construction industry. $1.00/$1.50.
Available through Publications Fulfillment Office (626-7332).

Construction Cost Analysis (1-HBC15)
Chapter 15 (1970) of the Architect's Handbook of Professional Practice, this document covers considerations in cost analysis, statements of probable construction cost, project cost records, cost analysis methods, variables and aids. $6.00/$9.00.
Available through Publications Fulfillment Office (626-7332).

Design/Build/Bid (2-M199)
Available through Publications Fulfillment Office (626-7332).

Design/Build/Bid: An Owner's Guide (6-N903)
Booklet (1975) intended to assist a potential client in the public sector in evaluation of the design-build-bid process. Free.
Available through Publications Fulfillment Office (626-7332).

Project Delivery Approaches: An AIA Guide (2-M702)
Thirty-page publication (1976) edited by David S. Haviland of the AIA project management systems task force. This guide is essentially a primer and is planned as the nucleus and framework for AIA development of a series of studies and guidelines for responsive and creative project delivery approaches. $3.25/$4.
Available through Publications Fulfillment Office (626-7332).

Value Engineering and Life Cycle Bibliography
Four-page selected and annotated bibliography (1975) prepared by the AIA committee on architecture for commerce and industry. Free.
Available through the Library (626-7493).

For further information about the use of construction management documents, contact the Documents Office, 626-7454.

Continuing Education

AIA/Construction Products Manufacturers Council Programs
Programs dealing with production technology for architectural firms.
Contact Professional Development Office (626-7355).

AIA Professional Development Catalog
List of all AIA-approved professional development programs dealing with such subjects as personal skills, marketing, practice management, design, production technology, codes and standards, environmental analysis, extended practice and public interest issues. Programs are developed by AIA, educational institutions, other professional organizations and independent firms and individuals. $9.95/$11.95.
Available from Professional Development Office (626-7335).

Architectural Correspondence Programs
Long-distance courses that enable the architect, or a team of architects, to interact with a group of experts, aided by a specially programmed computer in New York. Printed materials are sent, and the architect then proceeds at his or her own pace, in contact with these specialists and the computer each step of the way. Achieving Results with Words (4-T104) $110.

Conducting Successful Energy Audits (4-T108) $125

Land Development Game Seminar (4-T102) $85

Making Effective Presentations (4-T105) $85

Managing a Professional Practice (4-T107) $85

Marketing Architectural Services (4-T103) $85

Successful Selling of Professional Services (4-T106) $85

Order by title and number from Professional Development Office (626-7355).

Architectural Training Laboratories
One- or two-day programs focusing on specific topics of interest to architects. Each laboratory is conducted by a nationally recognized authority in the subject area. The programs are designed and produced by AIA for implementation by state, regional and local components. The Architect and the Law (1-HBC10), The Architect's Fee #1 (1981), The Architect's Fee #2 (1981), Financial Analysis of Building Projects (3-S212) $15.

Visual Communication in Architecture (3-S212) $9.95

Financial Management for Profit and Growth in Small Architectural Firms (3-S212) $15.

Investment Strategies for Project Success (3-S212) $15.

Project Success: Visual Communication in Architecture (3-S212) $15.

Construction Management

Building Evaluation (3-S212) $9/$10.

Contact Professional Development Office (626-7355).
Co

Current Techniques in Architectural Lighting (3-S223) $13/$14.50.
Designing Your Brochure as an Aid in Marketing Your Services (3-S224)
$9/$10.
The Management of Time (3-S216) $9/$10.
The Planned Approach to Architectural Practice (3-S229) $9/$10.
Selling Architectural Services I (3-S207) $9/$10.
Selling Architectural Services II (3-S218) $9/$10.
Setting Up an Architectural Firm (3-S223) $13/$14.50.
Available through Publications Fulfillment Office (626-7332).

Intern-Architect Development Program (IDP)
Counseling Materials: The AIA department of education and professional development and the NCARB, partners in the intern-architect development program, will use the counseling network to provide information packages to local professional advisers who will be in direct contact with intern-architects. Information will focus on broad career options, immediate job opportunities, economic outlook, the future of the profession and AIA programs and activities. Free descriptive circulars are available from NCARB (659-3996).

Local Professional Seminars
Programs produced, sponsored and presented by local components of AIA or jointly with another program producer. They are directed to specific local audience needs and draw upon resources of the area.

Architecture and Law
Architectural Office Practice
Building Code Seminar
Doors & Hardware—Access Security
Energy/Daylight Design
Practice Management
Specification Seminar
Specification Workshop on the Technical Section
Wood—the Modern Alternative
Contact Professional Development Office (626-7355).

Minnesota Compendium of Professional Development Programs
Collection includes curriculum outlines of 12 recent component continuing education programs: architecture and the law—conflicts and issues, acoustical design, summer design series, marketing design services, an architectural study tour of Toronto, projects cost benefit analysis, energy maxi-audit procedures and others. $5.
Available through Minnesota Society AIA, 314 Clifton Ave., Minneapolis, Minn. 55403, (612) 874-8771.

National Professional Seminars
Produced, sponsored and presented by AIA or by an approved national program producer.

Acoustics in Buildings
AIA Energy Course
Architect Woodwork Seminar
Architectural Acoustics
Barrier-Free Design
Barrier-Free Design: Access for All
Basic Techniques of Systems Drafting #1
Basic Techniques of Systems Drafting #2
Built-Up Roofing—Design/Construction
Computerized Building Energy Analysis
Condominium Conversion
A Day at Taliesin West: A Forward Look
Design and Analysis/Subterranean
Developing Subsidized Housing
Developing the Competitive Edge: Analyzing and Marketing Your Practice
The Development of Real Property
Effective Communication: Improving the Bottom Line
Energy-Conscious Design: Thermal Inertia in Architectural Walls
Environmental Encounter
Financial Management of Design and Planning Firms
Glass and Glazing
How to Plan, Site and Merchandise the Smaller House
Human Behavior and Housing Design
HVAC: Heat Recovery and Storage Systems
HVAC: Variable Air Volume Systems
Inside Architecture '80
Insulation Products/Systems #1
Insulation Products/Systems #2
Insulation Products/Systems #3
Japanese Gardens
Land Use Law for Planners/Developers
Landscape Resource Analysis
Management of Design and Planning Marketing/Communications for the Design Professional
MASTERSPEC
Metal Curtain Walls—Commercial/Industrial
The Natural Alternative: Earth-Sheltered Design and Construction
Office Practice: The Agony and the Ecstasy
Participatory Learning in Museums
Passive Solar Energy Conservation
PASSIVE STUDIO—Design for Heating,
Cooling and Daylighting
PLEC Systems
Plumbing Products/Systems
Principles of Life Cycle Cost Benefit Analysis
Problem Solving with CPM
Professional Liability
Project Organization/Scheduling/Control for Architects
Public Art: Delight or Dilemma
Realities of Historic Preservation
Resourceful Planning for Museums
Roofing Construction Techniques
Simplified Life Cycle Cost Benefit Analysis
Solar Energy Building Design
Solar Energy Savings
Steel in Design
Structural Glued Laminated Timber
Terrain Analysis
Tools for Passive Solar Energy
Urban Design/Strategic Policy
Value Engineering Training Workshop
Visual Resources Collections
Development, Administration and Management
Contact Professional Development Office (626-7355).

Programs Approved By Professional Development Network
Programs planned to give architects and other professionals a basic technical understanding in pertinent areas. Three to four hours each. Continuing Education Units (CEUs) are awarded to participants upon completion.
For information on content, instructors and locations, contact Professional Development Office (626-7355).

Regional Professional Seminars
Presented by expert in the particular subject or a team. The typical format is a presentation of material followed by group discussion and practical exercises. Developed by AIA or by AIA-approved program producers and presented for statewide or regional audiences.
Adding Art & Humanities to Your Campus
Architectural Acoustics
Architecture and Law
Brick Masonry Design/Construction
Organizing for Getting Business (C1)
Program (D2)
Progress of the Work (F4)
Project Initiation (D1)
Proposal and Award (F1)
Selecting the Team Members (E3)
Site (D3)
Site Visits (F5)
Submittals and Approvals (F6)
Types of Practice (B1)
Available through Publications Fulfillment Office (626-7332).

Contract Information

The AIA Handbook (1-HBC1)
Chapter 1 (1973) of the Architect's Handbook of Professional Practice, this document includes general information on the Handbook, including the preface, table of contents, general index and information on chapters. $.60/$.90.
Available through Publications Fulfillment Office (626-7332).

Architect's Handbook of Professional Practice (1-M104)
This two-volume set in ring binders includes samples of all A, B, C, D, E and G series documents, plus 18 chapters and a glossary of construction industry terms. $23.50/$35 (1-M104). Contents only (no binders), $16.75/$25 (1-M104A). Two binders (no contents), $6.75/$10 (1-M104B). Individual chapters of the handbook are listed under AIA Documents, and described under the subjects they cover.
Available through Publications Fulfillment Office (626-7332).

Architect's Handbook of Professional Practice—Supplement Service (4-Z100)
Subscriptions to the Supplement Service bring the latest editions of the documents contained in the handbook directly to subscribers. $12.
Available through Publications Fulfillment Office (626-7332).

Construction Contract Administration (1-HBC18)
Chapter 18 (1973) of the Architect's Handbook of Professional Practice, this document covers the division of responsibility, the project representative, contract documents, construction documents, project inception, administration, termination, post completion, notes on certain projects and AIA contract administration documents. $1.20/$1.80.
Available through Publications Fulfillment Office (626-7332).

General Conditions of the Contract for Construction (1-HBC13)
Chapter 13 (1970) of the Architect's Handbook of Professional Practice, this document outlines the history of the AIA General Conditions, its use, comments on A201, A201/SC federal edition, A107 and supplementary conditions. $1.20/$1.80.
Available through Publications Fulfillment Office (626-7332).

Owner-Contractor and Contractor-Subcontractor Agreements (1-HBC17)
Chapter 17 (1973) of the Architect's Handbook of Professional Practice, this document covers stipulated sum agreements, short form agreements, cost plus fee agreements, execution of agreements, letters of intent, service documents, etc. $1.20/$1.80.
Available through Publications Fulfillment Office (626-7332).

Selection of Contractors (1-HBC16)
Chapter 16 (1971) of the Architect's Handbook of Professional Practice, this document covers objectives and procedures, bidding documents, methods of awarding contracts, the contract system, types of contracts, examination of prequalification of bidders, preparation and receipt of bids, awarding and executing the contracts. $.60/$.90.
Available through Publications Fulfillment Office (626-7332).

For further information about contract documents in general, including their use and interpretation, contact the Documents Office, 626-7454. Orders for individual documents (listed in this guide under AIA Documents) should be directed to the Publications Fulfillment Office, 626-7332.
Contracts and Documents

Documents may be obtained from the AIA Publications Fulfillment Office, 1735 New York Ave. N.W., Washington, D.C. 20006, or from your authorized local distributor for AIA contracts and forms. All document orders should be directed to your local distributor if you reside in one of the following states: Alabama, Arizona, California, Colorado, Connecticut, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Massachusetts, Michigan,Minnesota, Mississippi, Montana, Nebraska, New Jersey, New Mexico, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Dakota, Tennessee, Texas, Utah, Washington and Wisconsin.

For faster service, you are encouraged to contact the local distributor in your area when ordering AIA documents. A complete list of distributors is on page 134.

Because AIA documents in the A-G Series and all chapters from the Architect's Handbook of Professional Practice are revised regularly, some may have been superseded by new editions. Editions listed are the latest available.

The following instructions apply only when ordering from AIA in Washington, D.C. Documents may be ordered by letter furnishing the following information:

1. Your name, correct mailing address and component/chapter affiliation (if applicable).
2. Quantity, document number and price of each document you wish to order.
3. Check or money order payments MUST accompany all orders totalling $20 or less in costs AND all nonmember orders.
4. District of Columbia residents add 5 percent sales tax to cost of documents purchased.
5. For first class, airmail, special delivery, air express handling, add 20 percent to total dollar amount of items ordered.
6. All orders from Canada, the West Indies and Latin America must be accompanied by check or money order payable in U.S. dollars. Payment must include postage in the amount of 20 percent added to dollar amount of documents ordered.

All orders from countries other than U.S., Canada, the West Indies and Latin America should be directed to: RIBA Publications Limited, 66 Portland Place, London, W1N 4AD, England. PUBS has been appointed agent and distributor for publications and visual aids produced by AIA in the following countries and territories: United Kingdom and Northern Ireland, Republic of Ireland, Europe, Republic of South Africa, the Middle East and member countries of the British Commonwealth. Foreign architects electing to become AIA correspondent members may order documents from either AIA in Washington, D.C., or PUBS in London.

A SERIES/Owner-Contractor Documents

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B SERIES/Owner-Architect Documents

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<td>Abbreviated Owner-Architect Agreement Form (6/78)</td>
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<td>Standard Form of Agreement Between Owner and Architect for Designated Services (11/77)</td>
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<td>B177</td>
<td>Abbreviated Interior Design Services Agreement (5/80) with instruction sheet wrapped</td>
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<td>B181</td>
<td>Owner-Architect Agreement for Housing Services (6/78) with instruction sheet wrapped</td>
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<td>Duties, Responsibilities, and Limitations of Authority of the Architect's Project Representative (5/79)</td>
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<td>B431</td>
<td>Architect's Qualification Statement (12/79)</td>
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<td>B727</td>
<td>Standard Form of Agreement Between Owner and Architect for Special Services (6/79) with instruction sheet wrapped</td>
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**C SERIES/Architect-Consultant Documents**

| C141 | Standard Form of Agreement Between Architect and Engineer (6/79) with instructions wrapped | .70 | .50 |
| C161 | Standard Form of Agreement Between Architect and Consultant (6/79) with instructions wrapped | .70 | .50 |
| C431 | Standard Form of Agreement Between Architect and Consultant for other than Normal Engineering Services (3/72) | .60 | .40 |
| C801 | Joint Venture Agreement (6/79) with instructions wrapped | .70 | .50 |

**D SERIES/Architect-Industry Documents**

| D101 | Architectural Area and Volume of Buildings (1/80) | .30 | .20 |
| D200 | Project Checklist (5/73) | 1.80 | 1.20 |

**E SERIES/Architect-Producer Documents**

| E101 | Technical Literature for the Construction Industry (7/72) | .60 | .40 |

**F SERIES/Architect's Accounting Forms—Manual System**

| F101 | Cash Journal—1949 | 2.40 | 1.60 |
| | | | |

**F SERIES/Compensation Guidelines Forms and Worksheets**

| F102 | Cash Journal—1949 | 2.40 | 1.60 |
| F103 | Cash Journal—1949 | 2.40 | 1.60 |
| F104 | Cash Journal—1953 | 2.40 | 1.60 |
| F105 | Cash Journal—1949 | 2.40 | 1.60 |
| F106 | Cash Journal—1949 | 2.40 | 1.60 |
| F107 | Joynal Form—1949 | 2.40 | 1.60 |
| F201 | Payroll Journal—1953 | 2.40 | 1.60 |
| F202 | Payroll Journal—1949 | 2.40 | 1.60 |
| F203 | Payroll Journal—1949 | 2.40 | 1.60 |
| F301 | Ledger Account Form—1949 | 2.40 | 1.60 |
| F401 | Job Expense Record Form—1953 | 2.40 | 1.60 |
| F403 | Fixed Assets Record—1949 | 2.40 | 1.60 |
| F404 | Note and Investment Record—1949 | 2.40 | 1.60 |

**F SERIES/Standardized Accounting For Architects Forms**

| F1001 | Cash Receipts Journal (1978) | 2.40 | 1.60 |
| F1002 | Cash Disbursements Journal (1978) | 2.40 | 1.60 |
| F1004 | Trial Balance (1978) | 2.40 | 1.60 |
| F1006 | Balance Sheet and Income and Expense Statement (1978) | 2.40 | 1.60 |
| F2002 | Fixed Assets Record (1978) | 2.40 | 1.60 |
| F2004 | Notes and Investment Record (1978) | 2.40 | 1.60 |
| F3003 | Payroll Journal (1978) | 2.40 | 1.60 |
| F3005 | Staff Payroll Record (1978) | 2.40 | 1.60 |
| F4001 | Project Time Distribution (1978) | 2.40 | 1.60 |
| F4003 | Project Expense Record (1978) | 2.40 | 1.60 |
| F5001 | Billing Extract (1978) | 2.40 | 1.60 |
| F5003 | Aged Accounts Receivable (1978) | 2.40 | 1.60 |
| F6001 | Ledger Account (1978) | 2.40 | 1.60 |
| F6002 | Journal (1978) | 2.40 | 1.60 |

**F SERIES/Standardized Accounting For Architects Forms**

| F800 | Complete Set of 2 Each of 24 Forms Needed—F810 thru F860 (1978) | 4.80 | 3.20 |
| F810 | Scope of Designated Service Worksheet (unphased) | 2.40 | 1.60 |
| F820 | Phase Compensation Worksheet (unphased) | 2.40 | 1.60 |
| F850 | Project Time and Payment Schedule | 2.40 | 1.60 |

**F SERIES/Standardized Accounting For Architects Forms**

<p>| F1001 | Cash Receipts Journal (1978) | 2.40 | 1.60 |
| F1002 | Cash Disbursements Journal (1978) | 2.40 | 1.60 |
| F1004 | Trial Balance (1978) | 2.40 | 1.60 |
| F1006 | Balance Sheet and Income and Expense Statement (1978) | 2.40 | 1.60 |
| F2002 | Fixed Assets Record (1978) | 2.40 | 1.60 |
| F2004 | Notes and Investment Record (1978) | 2.40 | 1.60 |
| F3003 | Payroll Journal (1978) | 2.40 | 1.60 |
| F3005 | Staff Payroll Record (1978) | 2.40 | 1.60 |
| F4001 | Project Time Distribution (1978) | 2.40 | 1.60 |
| F4003 | Project Expense Record (1978) | 2.40 | 1.60 |
| F5001 | Billing Extract (1978) | 2.40 | 1.60 |
| F5003 | Aged Accounts Receivable (1978) | 2.40 | 1.60 |
| F6001 | Ledger Account (1978) | 2.40 | 1.60 |
| F6002 | Journal (1978) | 2.40 | 1.60 |</p>
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<td>F6003 Accounting Worksheet (1978)</td>
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<td>2.40</td>
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<td>G805 List of Subcontractors (4/70)</td>
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<td>G807 Project Directory (4/70)</td>
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<td>G809 Project Data (4/70)</td>
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<td>F3002 Staff Expense Record (1978)</td>
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<td>G810 Transmittal Letter (4/70)</td>
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<td>F5002 Invoice for Architectural Services (1978)</td>
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<td>G811 Employment Record (11/73)</td>
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<td>G813 Temporary Placement (1/74)</td>
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**G SERIES/Architect’s Office and Project Forms**

**25 SHEETS PER UNIT**

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<tr>
<td>G601 Land Survey Requisition (6/79) with instructions</td>
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<td>G602 Soil Investigation and Engineering Services Agreement (6/79) with instructions</td>
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<tr>
<td>G610 Owner’s Instructions for Bonds and Insurance (11/78)</td>
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<tr>
<td>G604 Change Authorization for Professional Services (3/79) with instructions</td>
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<tr>
<td>G701 Change Order (4/78)</td>
<td>4.50</td>
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<tr>
<td>G701 Change Order—Construction /CM Management Edition (6/80)</td>
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<tr>
<td>G702 Application and Certificate for Payment (4/78)</td>
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<tr>
<td>G703 Continuation Sheet for G702 (4/78)</td>
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<tr>
<td>G704 Certificate of Substantial Completion (4/78)</td>
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<tr>
<td>G705 Certificate of Insurance (11/78)</td>
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<tr>
<td>G706 Contractor’s Affidavit of Payment of Debts and Claims (4/70)</td>
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<td>G706A Contractor’s Affidavit of Release of Liens (4/70)</td>
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<td>G707 Consent of Surety to Final Payment (4/70)</td>
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<tr>
<td>G707A Consent of Surety to Reduction in or Partial Releases of Retainage (6/71)</td>
<td>4.50</td>
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<td>G709 Proposal Request (4/70)</td>
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<tr>
<td>G710 Architect’s Supplemental Instructions (3/79) with instructions</td>
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<tr>
<td>G711 Architect’s Field Report (10/72)</td>
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<td>G712 Shop Drawing and Sample Record (10/72)</td>
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<tr>
<td>G713 Construction Change Authorization (3/79) with instructions</td>
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<td>G722 Project Application and Project Certificate for Payment (6/80) with instructions</td>
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<td>G723 Project Application Summary (6/80) with instructions</td>
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<td>G801 Application for Employment (6/75)</td>
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**Architect’s Handbook of Professional Practice—Chapters**

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<td>.90</td>
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<td>HBC 2 The Construction Industry—1969</td>
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<tr>
<td>HBC 3 AIA and Related Organizations—</td>
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<td>HBC 4 Careers in Architecture—1972</td>
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<tr>
<td>HBC 6 The Architect’s Office—1971</td>
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<td>HBC 7 Insurance and Bonds of Suretyship—1969</td>
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<td>HBC 9 Interprofessional Agreements—1975</td>
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<td>HBC 11 Project Procedures—1969</td>
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<td>HBC 12 Construction Documents—Drawings—1970</td>
<td>.90</td>
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<td>HBC 13 General Conditions of the Contract for Construction—1977</td>
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<td>HBC 14 Construction Documents—Specifications—1972</td>
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<td>HBC 15 Construction Cost Analysis—1970</td>
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<td>HBC 16 Selection of Contractors—1971</td>
<td>.90</td>
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<td>HBC 17 Owner-Contractor and Contractor-Sub-contractor Agreements—1973</td>
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<td>HBC 18 Construction Contract Administration—1973</td>
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<td>HBC 19 Legal Concerns—1969</td>
<td>1.80</td>
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<td>HBC 21 The Architect as Preservationist—1971</td>
<td>.90</td>
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<td>HBC 10 Marketing Architectural Services—B-8 1980</td>
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**Architect’s Handbook of Professional Practice—M Series**

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<tr>
<td>M104 Architect’s Handbook of Professional Practice (Set of 2 Volumes)</td>
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<tr>
<td>M104A Architect’s Handbook/Contents Only</td>
<td>25.00</td>
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<td>M104B Architect’s Handbook/Two Binders Only</td>
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**Miscellaneous**

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<td>Z100 Handbook Supplement Service (1980) keeps M104 up-to-date</td>
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<td>2M101 Glossary of Construction Industry Terms (1970)</td>
<td>1.50</td>
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For further information about interpretation of AIA documents, contact the Documents Office, 626-7440.
Education

Accredited Programs in Architecture
Annual list compiled by the National Architectural Accrediting Board (NAAB), containing those schools which offer accredited first professional degree programs, with addresses, phone numbers and names of deans. Free. Available through National Architectural Accrediting Board, at AIA Headquarters (785-2324).

ASCA News
Newsletter issued five times during the academic year, containing news about architectural schools. Available only by membership. Price: $14 for students; $23 for all others. Membership includes "Journal of Architectural Education." Available through the Association of Collegiate Schools of Architecture, at AIA Headquarters (785-2324).

AIA Scholarship Announcement
Annual poster outlining program descriptions, eligibility criteria and application procedures for five AIA scholarship programs. Free. Available through Education Office (626-7349).

Architectural Career Awareness Package
Eighty color slides with script for use by high school counselors or architects recruiting young groups of prospective architects. Includes "Architecture in Community and Junior Colleges," "Architecture Schools in North America" and assorted pamphlets. $30, nonmembers; $27, members. Available through Association of Student Chapters/AIA at AIA Headquarters (626-7472).

Architectural Schools in North America
Guide (1979) to all professional architecture programs in U.S. and Canada. Complete information on faculty, price, program, entrance requirements, etc. Includes introductory essays on architectural education, directory of foreign schools, joint degree programs and other information. $8.25/$8.95. Available through Association of Collegiate Schools of Architecture, at AIA (783-2388) or Publications Fulfillment Office (626-7332).

Architectural Secretaries Association
Organized to promote and advance the professional and educational standards of architectural secretaries and contribute to the improvement of administrative procedures in architectural offices, ASA has chapters, locally sponsored by AIA chapters, all across the country. Contact Betsi Fassett, ASA/AIA Liaison (626-7387) or AIA chapter nearest you.

Architecture Internship/Associate Membership
Cassette and slides looking into the experiences of architectural interns, with discussion of internship opportunities and associate membership in AIA. 10 minutes. Free loan to AIA members/components. Available through Professional Development Office (626-7353).

ASC/AIA News
Monthly newsletter of the Association of Student Chapters/AIA with news items of interest to architectural students. Free to ASC/AIA members and CRIT/ASJ subscribers. Available through Association of Student Chapters/AIA, at AIA Headquarters (626-7472).

ASC/AIA Student Forum
Annual convention held over the Thanksgiving holidays which brings together architectural students from around the country. Forum '80 will be held in Philadelphia. Contact Association of Student Chapters/AIA, at AIA Headquarters (626-7472).

Counseling for Architectural Careers
Students desiring basic architectural career information are counseled by the education and professional development department staff. Counseling may be in person or by letter. Contact Education Office (626-7349).

CRIT—The Architectural Student Journal
Biannual magazine published by the Association of Student Chapters/AIA. Includes articles on architecture, architectural education and alternative careers in architecture. Free to ASC/AIA members. Two-year subscription is $4. Available through Association of Student Chapters/AIA, at AIA Headquarters (626-7472).

Design Disciplines: An Overview of Office Practice
A series of seminars produced and sponsored by the Architectural Secretaries Association to introduce the new architectural secretary and/or recent architectural graduate to the administrative functions of an architectural practice. Contact Betsi Fassett, AIA/ASA Liaison (626-7387).

How to Conduct Environmental Education Workshops for Teachers and Architects
Eighteen-page publication (1968) prepared by the AIA educational task force for architectural technicians' training, which makes recommendations for the establishment and improving of programs for architectural technicians. Free. Available through Education Office (626-7349).
Reynolds Aluminum Prize for Architectural Students
Brochure (1976) describing the annual award program open to students who have completed two years of architectural school. Sponsored by Reynolds Metals Co. and administered by AIA. Contains eligibility requirements, submission procedures, entry dates, etc., and a tear-off entry slip. Free. Available through Awards Division, Office of Assistant Secretary (626-7390).

Student Competitions
Several competitions held throughout the year.
For current information contact the Association of Student Chapters/AIA, at AIA Headquarters (626-7472).

Summer Legal Intern
An architect/law student is selected each year to spend the summer working at AIA headquarters on contract documents and legal concerns. Contact Documents Office (626-7454).

For further information about education of architects in general, contact the Education and Professional Development Office, 626-7347. Questions regarding careers and scholarship opportunities should be directed to the Education Office, 626-7349. Contact the Association of Student Chapters/AIA, 626-7472, and the Association of Collegiate Schools of Architecture, 785-2324 (both of which are located at AIA Headquarters) for information about their respective organizations.

Educational Facilities
A Child Went Forth
Color film (28 minutes, 16mm) focusing on the debilitating effects of the inner-city school on children, and providing a contrast with new innovative projects for school architecture. Free loan. Available through Audiovisual Division, Library (626-7495).

For further information about educational facility planning, contact the Professional Interest Programs Office, 626-7366.

Energy
Basics of Solar Heating and Hot Water Systems (3-M262)
This 48-page publication (1977) from AIA Research Corporation discusses passive and active systems that can be used in residential heating and domestic hot water systems. Introduces systems design considerations, from collector components and placement, to storage and heat exchangers, to distribution. Includes visual "state-of-the-art" view of solar energy systems in housing. $4.50/$5. Available through Publications Fulfillment Office (626-7332).

Report of $52,000-grant program on developing performance-based criteria for energy conservation in buildings. All items postpaid.
Synthesis, Phase 1 .................. $7
Appendix A: Climate Charts ....... $7
Appendix B: Evaluation Procedures .... $7
Appendix C: Implementation Issues ................ $7

Energy and the Built Environment: A Gap in Current Strategies (6-N901)
Publication (1974) prepared by Leo A. Daly, FAIA, and the AIA task force on energy conservation, which shows how sustained efforts to achieve energy efficiency in the built environment can contribute toward solving the energy crisis, and proposes specific programs to bring this about. 18 pages; free. Available through Publications Fulfillment Office (626-7332).

Two major study reports on energy efficiency. Good reading for background in preparation for speaking, slide show presentation, basis for articles, etc. Free. Available through Director of Energy Programs (626-7448).

Energy Audits (4-Z203)
Supplement 79-2, August 1979, for the AIA Energy Notebook introduces the concepts, procedures and techniques of effective energy auditing. Energy auditing is a means of identifying energy waste and opportunities for energy conservation in existing buildings. This publication should be studied in conjunction with other available resources such as Energy Planning for Buildings (4-M270), also published by AIA. $9. Available through Publications Fulfillment Office (626-7332).

Energy Conservation in Building Design (4-M212)
Prepared by the AIA Research Corporation, it describes opportunities for conserving energy through building design. It is the product of a national energy policy study financed by the Ford Foundation to investigate various aspects of the technological and social impacts of energy supply and consumption. Soft cover, 156 pages, $5. Available through Publications Fulfillment Office (626-7332).

Energy Notebook (5-Z200N)
Developed and constantly updated by AIA, the Energy Notebook is a comprehensive information service. The set of two loose-leaf binders includes: well-documented case studies, reference guides, design approaches, a bibliography, article reprints, latest codes and regulations, etc. Available through Director of Energy Programs (626-7332).

Energy Planning for Buildings (4-M720)
Presents a proven process that design professionals can use (or adapt) to study the current energy performance of a building, uncover opportunities for energy-conscious improvements, evaluate those opportunities and see that they are carried out to the building owner's best benefit (1979). Describes in detail a manual technique for calculating energy usage and shows in a sample problem how that technique can be applied. Also provides a basis for understanding computer-aided energy estimating techniques. $40/$44. Available through Publications Fulfillment Office (626-7332).

Hold on to Your Heat (and Keep Your Cool) (6-N906)

A Nation of Energy Efficient Buildings by 1990 (6-N905)
Publication (1975) prepared by Leo A. Daly, FAIA, and the AIA energy steering committee, outlining a national program to achieve the potentials of energy efficient buildings in an economical and adminis-
tratively feasible manner. 20 pages, free.
Available through Publications Fulfillment Office (626-7332).

New Design Concepts for Energy Conserving Buildings (3-M263)
This 124-page book (1977) describes 115 innovative approaches to designing energy-efficient buildings. From an AIA Research Corporation-sponsored energy-conscious design student competition, held in 1976. Twelve entries of distinction are featured in detail, using the students' drawings and diagrams. Text includes student interviews and jurors' comments. Contains bibliography and design concept index keyed to drawings. $9/$9.95.
Available through Publications Fulfillment Office (626-7332).

Passive Solar Design (4-N833)
Set of 80 slides and script (1980) illustrating passive solar design principles and their applications through diagrams and representational building samples. Regional and climatic considerations are evident in the examples used. Intended for a nontechnical audience. $22 prepaid. After Oct. 1, 1980, available through Public Relations Department (626-7460) or Publications Fulfillment Office (626-7332).

A Plan for Total Energy Efficiency in Buildings (6-N907)
Report (1975) directed toward government policy makers, which discusses approaches to develop performance-based energy budgets and economic incentives for maximum energy efficiency. 25 pages; free.
Available through Publications Fulfillment Office (626-7332).

Prescriptive Standards: No Rx for Energy Conservation in Buildings (6-N816)
Available through Publications Fulfillment Office (626-7332).

Saving Energy in the Built Environment: The AIA Policy (6-N904)
Available through Publications Fulfillment Office (626-7332).

The Solar Advantage (6-N820)
Pamphlet (1978) briefly describing current studies and legislation concerning solar energy. Results of recent research are applied to the energy efficiency of residences. Free.

Available through Director, Energy Programs (626-7448).

Solar Architecture (3-M234)
This 350-page book (1976) was prepared for ERDA by the Association of Student Chapters/AIA. Photo-illustrated reference describes the history, components, natural context, research and the future of solar design. A result of the ASC/AIA annual forum held in Tempe, Ariz., November 1975, it is a collection of expert presentations and panel discussions. Attendees included many of the nation's leading architects and researchers in the field. $10.80/$12.
Available through Director, Energy Programs (626-7448).

Solar Architecture (Environmental Communications)
Seventy color slides with booklet. Shows in detail more than 20 existing structures that effectively use the sun's energy. Illustrates buildings with passive solar heating, and buildings with various types of collectors and storage systems. Rent $15 to AIA members only.
Available through Audiovisual Division, Library (626-7495).

State Energy Conservation Plans: Opportunities for AIA Components
Outlines options for AIA components' involvement in the Department of Energy's program financing supplemental state energy conservation plans and energy audits (1977).
Available through State Component Affairs Office (626-7386).

Solar Dwelling Design Concepts (3-M311)
Report (1976) prepared by AIA Research Corporation on solar heating and cooling was prepared under contract to HUD for development as part of HUD's effort to demonstrate the feasibility of solar technology. A short history of solar applications, description of solar components and full systems, discussion of environmental factors and design concepts and case studies make up this comprehensive overview of current concepts in solar design. 146 pages; $4.50/$5.
Available through Publications Fulfillment Office (626-7332).

Wind Energy Poster (4-M233)
Front side handsomely illustrates the history of wind-harnessing devices for mechanical and electrical power from pre-Christian times to the present. Back side gives a comprehensive account of technical design information for modern wind energy conversion systems, and a list of manufacturers, research organizations and literature references. Includes a summary in French and German. Developed by Vonier and Wolff. Four-color, 24x30 inches. Single copy $4, two or more (4-M233Q) $3.25 each.
Available through Publications Fulfillment Office (626-7332).

For further information about energy, contact the Energy Office, 626-7448.

Environmental Design

The AIA Asks: Why? Why Not?: Program Package 1 (6-N807)
25-page package (1974) that explains how to place a series of pictures and captions about good and bad environmental features in local newspapers. Describes the program, gives ideas for pictures and captions, provides "how-to" information about approaching the newspaper, etc. Free.
Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

Architecture and Your Life (4-Q101)
Color filmstrip, with teachers guide. Deals with the effect of architecture on man and the unprecedented responsibility of today's citizen for deciding upon the quality of the environment. 35mm; 50 frames; $5.
Available through Publications Fulfillment Office (626-7332).

Design Review Boards: A Handbook for Communities (2-M203)
Resume (1974) of the law on design review and an annotated model ordinance to guide communities that choose to adopt a design review board process. Published by AIA. 52 pages; $5.60/$7.
Available through Publications Fulfillment Office (626-7332).

Designscape
Color slides with reel-to-reel synchronized tape (1975). A visually delightful view of many of the old and new "designs" we see all around us. 160 slides; free loan to AIA members only.
Available through Audiovisual Division, Library (626-7495).

Environmental Impact Statements

Bibliography
Four-page selected and annotated bibliography (1975) prepared by the AIA committee on architecture for commerce and industry. Free.
Available through the Library (626-7493).

Environments for People: Program Package 5 (4-N812)
Eighty slides, introduction, script and suggestions for use (1976). Explains how
architects provide for basic human needs (shelter, privacy, personalization, socializing, mobility, communication) in their design of the man-made environment. $20.

Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

Guidelines for Environmental Aspects of the Practice of Architecture
Guidelines by the regional development and natural resources committee were adopted by the AIA board of directors to underline environmental concerns of AIA code of ethics. Free. Available through Director, Design and Environment Programs (626-7363).

Life Experiences in Environmental Design (4-M127)
Interviews with students and recent graduates about their aspirations, trials, satisfactions, etc. Published by Association of Collegiate Schools of Architecture. 267 pages; $4.

Available through Publications Fulfillment Office (626-7332) or The Association of Collegiate Schools of Architecture (785-2324).

Orchids and Onions: Program Package 4 (6-N811)
Folder (1975) explaining how components can carry on a program which asks the public to nominate organizations and individuals who made good or bad contributions to the man-made environment; a jury selects the winners. Based on a project of the Western Communities Architects' Association, a section of the Chicago Chapter/AIA. Free Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

Socio-Physical Technology (2-M202)
Workshop report (1970) interrelating the efforts of experts from all disciplines involved in efforts to better the environment. Published by AIA. 38 pages; $2.40/$3.

Available through Publications Fulfillment Office (626-7332).

Spaces for the Species
Slide synchronized cassette tape presentation (1975) summarizing users' responses to various environments, such as a hotel, a school, an urban plaza and a shopping center. 30 minutes; free loan to AIA members only. Available through Audiovisual Division, (626-7495).

For further information about environmental design in general, contact the Design & Environment Programs Office, 626-7363.

Environmental Education

Built Environment Education: Program Package 10 (6-N824)
Folder highlighting a built environment education program for elementary school students developed and implemented by an architect. Includes a step-by-step sample program outline, plus a guide to resources and information on built environment education. Free. Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

Environmental Education: Architecture's Role
Statement of the Institute's policy and initiatives in the area of environmental education. Includes discussion of 1970 Environmental Education Act, program examples and implementation suggestions. Companion publication to Environmental Education Legislation/Regulation. 23 pages; free. Available through Director, Environmental Education (626-7573) and Director, State and Local Government Affairs (626-7386).

Environmental Education Legislation/Regulation: A Strategy Guide for AIA Components
Prepared by the environmental education committee to guide components in helping establish state legislation advancing environmental education. Includes model legislation. Companion publication to Environmental Education: Architecture's Role. 45 pages; free. Available through Director, Environmental Education (626-7573) and Director, State and Local Government Affairs (626-7386).

Environmental Education Teaching Tools (6-N205-3)
Forty-page annotated catalog prepared by the environmental education committee, listing information on resources (books, games, films, etc.) for environmental education. Free. Available through Director, Environmental Education (626-7573).

How to Conduct Environmental Education Workshops for Teachers and Architects (4-N205)
Guidebook documents and evaluates five workshops held to help train architects to function as resource people for built environmental education. 116 pages; $2. Available through Publications Fulfillment Office (626-7332).

Parallels: Teaching Architecture in Elementary and Secondary Schools
A descriptive case study written by an architect and a teacher who created and taught a course for Red Wing, Minn., sixth graders on the built environment. Brochure presents their goals and methods in parallel format for teachers and planning professionals. Individual copies, $1; package of 50 copies for $7.50. Available through Minnesota Society of AIA, 314 Clifton Ave., Minneapolis, Minn. 55403, (612) 874-8771.

Streets (1976)
Curriculum for urban awareness program, grades 3-6, with a teacher's guide. Published through a grant from National Education Association and with the work of the Environmental Education Fund of the BSA. The manuals were prepared by The Architects Collaborative. Students Workbook and Teachers Guide $7 plus $2 handling. Teachers Guide (2) with 30 Student Workbooks. Contact Harwell Associates, Convent Station, N.J. 07961. Available through Boston Society of Architects, 320 Newbury St., Boston, Mass. 02115, (617) 267-5175.

A Teacher Introduction to Environmental Education (6-N205-2)
31-page booklet prepared by the AIA environmental education committee, intended to arouse interest about the built environment among teachers, with suggestions for classroom activities. Free. Available through Director, Environmental Education (626-7573).

Ethics

Code of Ethics and Professional Conduct (6-J330)
Two-page document published by the office of the secretary describing the canons, ethical standards and rules of conduct for AIA members as adopted by the board and members. Free. Available through Publications Fulfillment Office (626-7332).

For further information about ethical matters, contact the Office of Assistant Secretary (626-7502).

Exhibits

An Act of Optimism: Building the Washington Cathedral
Architectural Exhibitions
Capital Losses
Illustrated checklist (1979), which accompanied exhibition on notable Washington, D.C., buildings destroyed since the 19th century. $1.
A Celebration of Diversity: Planning the International Center
Illustrated exhibition catalog (1979) on five of the 14 chanceries to be located on a 32-acre site in Northwest Washington, D.C. Architectural firms represented include Skidmore, Owings & Merrill, The Architects Collaborative and the Georgetown Design Group. $1.50.
Dolley and the 'Great Little Madison'
Illustrated exhibition catalog (1977) tracing the celebrated partnership of James and Dolley Madison, concentrating on their impact on American social development $6.
An Evaluation of Product Exhibits Directed to the Architectural Profession
Fifteen-page publication (1976) showing the results of a survey conducted among architectural firms to discover the relative value of product exhibits and how to make such exhibits more valuable. Useful for components planning shows, and to manufacturers planning exhibits. Free.
Available through Convention Office (626-7332).
Just for Fun!
Illustrated catalog (1979) from the Octagon's publicized exhibition on the history and development of architectural toys from the 18th century to the present. Limited supply. $4.50.
National, Regional and Local Exhibitions
The board of directors may grant approval to AIA members to participate in national exhibitions when the board finds that all such interests are fully protected and when certain conditions are met. The secretary of the Institute or state or regional components has authority to approve local and regional exhibitions. For further information, contact Office of Assistant Secretary (626-7502).
Two on Two at the Octagon
Exhibition catalog (1979) paying tribute to Chloethiel Smith, FAIA; Anne Tyng, FAIA; Ada Louise Huxtable, Hon. AIA, and Sarah Booth Conroy, Hon. AIA, and their impact on the urban environment. $3.

Filing Systems
Uniform Construction Index: A System of Formats for Specifications, Data Filing, Cost Analysis, and Project Filing (2-M200)
A comprehensive data filing format (1972) for design and construction information; a format for filing project correspondence; the CSI format for construction specifications; an estimator's cost analysis format, and a key word index interrelated with the specifications and data filing formats. $9.60/12.
Available through Publications Fulfillment Office (626-7332).

Financial Management
Architect/Engineer Supplement to Compensation Guidelines (2-M188A)
Available only to architects and engineers, this is intended for in-house use when using cost-based approach to compensation. A discussion of issues that arise when negotiating with the client, it begins with a series of general considerations and deals with the subjects of adjustments and revisions to compensation, contingencies, methods of compensation and billing, 12 pages. $2/$2.50.
Available through Publications Fulfillment Office (626-7332).
Compensation Guidelines for Architectural and Engineering Services, second edition (2-M188)
Prepared by AIA with the assistance of the American Consulting Engineers Council, this 160-page (1978) financial management tool places equal emphasis on both the architectural and engineering services required for building projects. Provides a rational process for relating design professionals' compensation to cost of services. Shows how to work with the client to analyze a project, item by item, to reach an agreement on scope of services required. $12/$15.
Available through Publications Fulfillment Office (626-7332).
Financial Management for Architects (2-M724)
The "umbrella" of the AIA financial management system, this book covers basic theories and applications appropriate to all size firms of design professionals. Examines financial goals, profit planning, interrelationships of accounting reports and financial controls and the broad view of firm finances. $22/$27.50.
Available through Publications Fulfillment Office (626-7332).
Managing and Profiting from Cost-Based Compensation: A Mini-Guide (3-ST113)
A miniguide which helps the architect identify and agree upon with the client the services needed for a project, estimate the time and cost of these services, arrive at a fair compensation which is satisfactory to and adequately protects both parties, and, afterwards, manage the project and its costs for the maximum performance and profit. One copy needed per participant. $3/$3.35.
Available through Publications Fulfillment Office (626-7332).
Minnesota Management Studies
Research and survey information dealing with professional practice topics. 1980 studies include compensation management report and survey of architectural salaries (November 1980), $5.
Available through Minnesota Society AIA, 314 Clifton Ave., Minneapolis, Minn. 55403, (612) 874-8771.
Opportunities for Life Income Agreement: The Gift that Pays You Income for the Rest of Your Life.
Booklet describing the various ways that you can give and have your investment returned to you. Free.
Standardized Accounting for Architects (2-M705)
First published in 1950, this extensively revised manual (1978) brings the accounting system presented into conformity with the entire AIA financial management system. It is designed to provide a simple record-keeping procedure that will yield appropriate financial data for routine tax and accounting purposes and for monitoring the operations of a firm. The double-entry system of bookkeeping employed in this book allows the use of
either the cash basis or the accrual basis for accounting. Subjects covered include: basic accounting principles, standardized accounting procedures, the basic system and the cash journals, adjusting and closing cash journals, and payroll and project expense accounting. A glossary of terms is provided. $16/$20.

Available through Publications Fulfillment Office (626-7332).

For further information about financial management in general, contact the Practice Office, 626-7457. AIA accounting and financial management forms are listed under AIA Documents.

Firesafety

Educating the Architect: Fire and Life Safety

33-page report (1975) prepared by the AIA task group on fire and life safety, documenting the need for better firesafety curricula in education, and a program to implement the proposed recommendations. Free.

Available through Codes and Standards Office (626-7456).

For further information about firesafety, contact the Codes and Standards Office, 626-7456.

Funding

Funding Sources for Architectural Programs: Foundations Supporting the Built Environment (2-M719)

A resource listing compiled by the AIA Foundation and the National Endowment for the Arts. Contains essential information on more than 200 foundations that support the built environment. $8/$10.

Available through Publications Fulfillment Office (626-7332).

Government Affairs—National

AIA Legislative Program

Annual one-page list containing an abbreviated description of AIA policies related to congressional issues. Free.

Available through Congressional Liaison Office (626-7379).

Architects in Government Roster

(2-M161)

List (1980) giving names and addresses of architects employed by federal, state and local governments. $5/$6.

Available through Publications Fulfillment Office (626-7332).

Congress of the United States

Brochure containing names and party affiliations of representatives and senators. Arranged by state or territory. Free.

Available through Congressional Liaison Office (626-7379).

Congressional Contact System

Service to any AIA member who wishes to visit his/her representatives and senators. Information on pertinent legislative issues, a member’s committee assignments, AIA policies, etc., are offered on request.

Contact Congressional Liaison Office (626-7379).

Federal Programs Conference

Annual conferences sponsored by AIA and the engineering societies. Provides opportunities for A/E professionals to meet key government officials from more than 52 federal agencies and Congress.

Contact Federal Agency Liaison Office (626-7382).

Legislative Minuteman Program

Nationwide system used by the Institute to communicate with individual members of Congress through practicing architects in their home states who personally know representatives or senators or who are simply willing to contact them on issues of importance to the profession.

Contact Congressional Liaison Office (626-7379).

Legislative Minuteman Program Flyer

Biennial flyer describing the program. Includes registration card. Lists some of the accomplishments of the program. Free.

Contact Congressional Liaison Office (626-7379).

Special Obligations: Issues in the Administration of Public Architecture

Thirty-page report (1977) summarizing the forum on public architecture held in 1976 and jointly sponsored by AIA’s architects in government committee and the federal architecture project of the National Endowment for the Arts. This is intended to focus national attention on the special responsibilities and special problems of everyone involved in public building—both architects and administrators.

Contact Component Affairs Office (626-7387).

Working in Government: A Profile Study of the Architect as a Public Employee

Prepared by the AIA architects in government committee (1978), the information presented in this report is intended to give the general public a better understanding of the various functions performed by architects in government; to give educators a clearer view of educational needs and opportunities, and government administrators an opportunity to make comparative assessments of architects in various agencies and at various levels of government. Developed from a survey of more than 2,000 architects in government conducted in 1976, it provides a comprehensive profile of those persons practicing as architects in the public sector. $5/$6.

Available through Publications Fulfillment Office (626-7332).

For further information about congressional activities, contact Congressional Liaison Office, 626-7379. Questions relating to federal agencies should be directed to Federal Agency Liaison Office, 626-7382.

Government Affairs—State & Local

Architect/Engineer Government Contracting: A Manual (4-M718)

In loose-leaf format, this convenient, easy-to-read manual (1979) contains actual forms, documents, regulations, laws, guidelines and techniques used by public officials and design practitioners in A/E contracting. Prepared by the Committee on Federal Procurement of A/E Services (COFPAES), it is available for the first time outside the successful contracting course, $95.

Available through Publications Fulfillment Office (626-7332).

Architect Selection: Legislative Guidelines for Public Construction


Available through State Component Affairs Office (626-7386).

Architects in Government Roster

(2-M161)

List (1979) giving names and addresses of architects employed by federal, state and local governments. $5/$6.

Available through Publications Fulfillment Office (626-7332).

Architects at the Legislature: Lobbying for a Statute of Limitations

Case studies reflecting both successful and unsuccessful lobbying efforts by AIA
components and related organizations in Missouri, Minnesota and Illinois.

Available through State Component Affairs Office (626-7386).

Community Development Block Grants: Opportunities for Shaping Urban Growth

Identifies for local government officials and concerned citizens those provisions of Title I which provide opportunities for implementing AIA’s principal urban growth policy recommendations and how architects can participate. Free.

Available through State Component Affairs Office (626-7386).

Compendium: Architect Selection Laws

(6-N509)

Contains laws of 18 states that now have specific legislation regulating the selection of architects for public construction projects. Appendix contains a list of state agencies responsible for implementing these laws and the federal A/E procurement (Brooks) law. Free to AIA members; $5, nonmembers.

Available through Publications Fulfillment Office (626-7332).

Compendium: State Statutes of Limitations

(6-N510)

Compilation of the state statutes of limitations relating to design professionals and the construction industry. Free to AIA members; $5, nonmembers.

Available through Publications Fulfillment Office (626-7332).

Direct Government Affairs Assistance

Direct assistance to components in the form of on-site consultation and resource documents for those seeking to expand established government affairs activities or focus on individual issues. Consultation by component officers and executives and Institute staff.

Contact State Component Affairs Office (626-7386).

Environmental Education Legislation/Regulation: A Strategy Guide for AIA Components

Publication prepared by the environmental education committee guide components in helping establish legislation advancing environmental education. Includes model state legislation. Companion publication to Environmental Education: Architecture’s Role, 45 pages; free.

Available through State Component Affairs Office (626-7386).

Environmental Legislation:

Architecture’s Role

Twenty-three-page publication discusses the role of architecture in environmental education, describes federal and state legislation and programs, and provides suggestions for implementing environmental education programs.

Available through State Component Affairs Office (626-7386), or Director Environmental Education (626-7573).

Environmental Education Legislation/Regulation: A Strategy Guide for AIA Components

Booklet presents AIA policy on environmental education, contains state legislative guidelines and strategies for implementing a statewide program. 45 pages.

Available through State Component Affairs Office (626-7386), or Director Environmental Education (626-7573).


Collection (1976) of articles on public architecture, presenting significant state and local activity in such areas as energy conservation, land use and adaptive use. 142 pages; free.

Available through State Component Affairs Office (626-7386).

Government Alert for Components

Bulletin published six times a year containing brief, timely reports on government affairs developments at the state and local level. Free.

Available through State Component Affairs Office (626-7386).

Governmental Information Clearinghouse

A service to provide components with information on state and local issues of professional and public concern. Materials available include copies of legislation, administrative rules, government studies and reports, AIA documents and other background materials. Includes data on liability, energy, registration, etc.

Contact State Component Affairs Office (626-7385).

How to Organize an Effective Government Affairs Program

Guide (1975) for improving component government affairs programs. Includes information on the purpose and structure of such programs, the legislative process and state governmental contact systems. 40 pages; free.

Available through State Component Affairs Office (626-7386).

How To Work Effectively with State Legislatures

Publication (1969) by the American Society of Association Executives, advising associations on establishment of a legislative program, lobbying, campaigning and evaluating a legislative session. 44 pages; free.

Available through State Component Affairs Office (626-7386).

Innovations in State Legislation:

Land Use Management

Environment and Land-Use: Two California Experiments

Two publications (1973 and 1975) by Richard N. Tager, offered as one unit. The first is an overview of the role states can play in implementing the fundamental recommendations of the AIA national policy task force. The second report discusses the background and fundamental provisions of CEQA and the Coastal Zone Act.

Available through Design and Environment Programs Office (626-7363).

Involving Architects in the Community Development Block Grants Programs:


For components’ use, providing guidance in the CD block grant planning and application process to encourage local AIA involvement in the programs. Free.

Available through State Component Affairs Office (626-7386).

License Renewal Legislation/Regulation:

A Strategy Guide for AIA Components

Publication discusses the issue of license renewal for architects, outlines potential action by components and contains legislative and regulatory guidelines for components. 24 pages.

New License Renewal Requirements for Architects: The AIA’s Policy and Initiatives

Document presents AIA policy on license renewal, describes the principles of the professional development measuring system and discusses current state activity on license renewal. Companion publications. 21 pages.

Both available through State Component Affairs Office (626-7386).

Lien Laws for Design Professionals:

A Survey and Analysis (4-N511)

Study (1980) of lien laws in each state and their applicability to architects and engineers as well as related court rulings. Free to AIA members; $5, nonmembers.

Available through Publications Fulfillment Office (626-7332).

Original State and Local Government Programs Documents—Legislative Guidelines and Strategies

These documents may include model legislation, legislative guidelines, background information and strategies for component action on significant governmental issues.

Contact State Component Affairs Office (626-7386).
Political Action: A Strategy Guide for AIA Components

Document written to encourage architect involvement in the political process, as individuals and through components. Information is included on political action committees, “Meet the Candidates Nights” and calendars for state and local elections. 32 pages. Available through State Component Affairs Office (626-7386).

Special Obligations: Issues in the Administration of Public Architecture


State/Local Government: Issues & Strategies (6-N508)

Reference notebook (1979) for AIA components and architects working on government affairs issues. Revised annually, it contains sections on major issues, strategies, case studies and space for component materials. $20 to AJA members only. Available through Publications Fulfillment Office (626-7332).

Sunset Laws: A Strategy Guide for AIA Components

Publication discussing sunset legislation, how sunset reviews can affect architecture-related matters and strategies for effective participation in sunset reviews. 46 pages; free. Available through State Component Affairs Office (626-7386).

Sunset Laws Review: Architect Registration Boards

Discusses the experiences of states which have recently had sunset reviews of the architect registration boards (May 1980). Available through State Component Affairs Office (626-7386).

What Is Your Stake in Government Affairs?


For further information about state component government affairs activities, contact State Component Affairs Office, 626-7385 or 626-7386.

Guidebooks

AIA Guide to New York City,
Revised edition. (3-M383)
A street-by-street guide to the city’s buildings of historic and architectural interest, shows, theaters, parks and squares. $9.95.
Available through New York Chapter/AIA, 615 E. Washington Ave., Madison, Wis. 53703, (608) 257-8477.

AIA Guide to the Architecture of
Washington, D.C. (3-M269)

AIA Guide to the Architecture of
Indianapolis (3-M269)

Indianapolis Architecture

Views of Indianapolis by neighborhoods, including more than 500 photographs, paralleling the development of the city's history. Published by the Indiana Architecture Foundation, it is indeed a third generation guidebook. $6.95, plus $1 for handling. Available through Indiana Society of Architects/AIA, 140 N. Delaware St., 46204, (317) 634-3871.

Indianapolis Architecture Guidebook:
Program Package 8 (6-N826)
A folder (1977) describing the process by which Indianapolis Chapter/AIA published an extensive guidebook of that city. Includes sections on why to write a guidebook, forming a committee, fund-raising, budgeting, selecting printer and designer, and publicizing the project and the product. Free. Available through Publications Fulfillment Office (626-7332).

Kansw City

A guide to Kansas City's historic and contemporary architecture by neighborhoods. This soft cover, pocket size, book contains 256 pages of black and white photographs of 300 buildings. Published by the Kansas City Chapter/AIA in conjunction with the 1979 "Celebration of Architecture." $6.95, plus $1.25 handling. Available through Kansas City Chapter/AIA, 20 W. Ninth St., Kansas City, Mo. 64105, (816) 221-3485.

Walking Map of Downtown St. Louis

Shows location of buildings of historical interest. Free. Please send stamped self-addressed envelope. Laclede's landing map and list of architects' Sunday tours also available upon request. Available through St. Louis Chapter/AIA, 919 Olive St., St. Louis, Mo. 63101, (314) 621-3484.

A simple alphabetical guide for touring in Houston. The book (1976) depicts buildings, parks and other significant landmarks in and around the city. It is aimed at children, but adults will find it a delightful city souvenir. Free. Available through Houston Chapter/AIA, 3121 Buffalo Speedway, Suite 404, Houston, Tex. 77098, (713) 629-0191.

The Houston Coloring Book

A simple alphabetical guide for touring in Houston. The book (1976) depicts buildings, parks and other significant landmarks in and around the city. It is aimed at children, but adults will find it a delightful city souvenir. Free. Available through Houston Chapter/AIA, 3121 Buffalo Speedway, Suite 404, Houston, Tex. 77098, (713) 629-0191.

Historic Wisconsin Architecture


The Houston Coloring Book

A simple alphabetical guide for touring in Houston. The book (1976) depicts buildings, parks and other significant landmarks in and around the city. It is aimed at children, but adults will find it a delightful city souvenir. Free. Available through Houston Chapter/AIA, 3121 Buffalo Speedway, Suite 404, Houston, Tex. 77098, (713) 629-0191.
Three-page folded guide to Los Angeles. First section is a map of Los Angeles and Los Angeles County. Numbers on the map correspond to photos in the next section which depict a cross-section of L.A. architecture from 1750 to 1977. The third section includes a time-line of architectural history in L.A. along with a brief description of each of the buildings photographed in the above section. $1 plus tax and postage.
Available through Los Angeles Chapter/AIA, 8687 Melrose Ave., Los Angeles, Calif., 90069, (213) 659-2282.
Available through the Georgia Association/AIA, Peachtree Center/Cain Tower Lobby, 229 Peachtree St., Atlanta, Ga. 30303, (404) 524-3877.

Historic Preservation

Adaptive Re-Use: Extending the Life of Old Buildings (6-N827)
Written by AIA's PR department as an informative piece for the general public (1979), this pamphlet features a description of four honor award-winning buildings which exemplify this important trend in architecture: Boston's Faneuil Hall, San Francisco's Cannery and Ghirardelli Square and Chicago's Navy Pier. Free.
Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).
The Architect as a Preservationist (1-HBC21)
Chapter 21 (1971) of the Architect's Handbook of Professional Practice, this document includes an introduction to preservation, its elements, basic architectural services, compensation for architectural services and supplementing the standard forms of agreement. $60/$890.
Available through Publications Fulfillment Office (626-7332).
Conserving Architectural Resources
An annotated bibliography published by the committee on historic resources of the Boston Society of Architects, 1978. "...Present(s) a range and selection of publications which will advance the conservation of architectural resources. ..." $5 includes handling.

Guide to Historic Preservation (4-N301Q)
Prepared by the AIA committee on historic resources, this booklet (1978) explains preservation services from the pre-design and research phase through the construction and contract administration phase. It also discusses the preservation team, preservation benefits, costs and selection of an architect. $10 per 100 copies.
Available through Publications Fulfillment Office (626-7332).

Guidelines for Preservation, Restoration and Alterations to the Central Library of Los Angeles
Report (1979) by the Los Angeles Chapter/AIA library study team. $5 plus tax and postage.
Available through the Los Angeles Chapter/AIA, 8687 Melrose Ave., Los Angeles, Calif. 90069, (213) 659-2282.

Our Vanishing Heritage
Why hold on to our past? What is historically valuable? Published by the historic resources committee of the Boston Society of Architects. $2 prepaid.

Restoring a Landmark
Poster showing cross section of the Octagon, Plate XII from Glenn Brown's 1914 monograph. 24x32 inches. $4.50 prepaid.

Stations
Color film, 16mm, 28 minutes (1974). Shows many of the interesting and innovative uses being made of old railroad stations, in order to preserve these landmarks. Rent $15 to AIA members only.
Available through Audiovisual Division, Library (626-7495).

The Texas Historical Preservation Manual
Published in three-hole binder by TSA's historic resources committee, the aim is to aid and educate architects and laymen in the practice of preservation, restoration and adaptive use of older buildings. Includes sections on the history of preservation in Texas, preservation and the law, procedures for obtaining funds for preservation, procedures of the Register of Texas Historical Monuments and of the National Register of Historic Places, case histories, etc. Designed to be expanded and updated. $20.
Available through Texas Society of Architects/AIA, 2121 Austin National Bank Tower, Austin, Tex. 78701, (512) 478-7386.

William Thornton: A Renaissance Man in the Federal City
Exhibition catalog (1976) for the exhibition held at the Octagon on the 18th century architect of the U.S. Capitol and the Octagon. Prepared by David N. Yerkes, FAIA, and Elinor Sterns. 58 pages; 46 black and white illustrations. $3.75 postpaid.

For further information about historic preservation in general, contact the Professional Interest Programs Office, 626-7366.

Housing

Homeowner's Reminders
Pamphlet (1978) for public use. Includes tips for homeowners on home security, water problems, saving energy, termites, contracting for home improvement, and on architects. 15 pages; free.

Homes for Better Living Awards
Brochure describing the annual award program open to custom-designed houses, merchant-built houses and multifamily housing in the U.S. and its possessions. Sponsored by AIA in conjunction with Housing magazine. Contains eligibility requirements, submission procedures, entry dates and a tear-off entry slip. Free.
Available through Awards Division, Office of Assistant Secretary (626-7390).

Shelter (Environmental Communications)
One hundred color slides with booklet. Depicts various shelters from around the world; includes hand-built houses, yurts, domes, tents, cottages, barns and free-form sculptured dwellings. Rent $15 to AIA members only.
Available through Audiovisual Division, Library (626-7495).

Survey of Southern California Housing (Environmental Communications)
One hundred color slides with booklet. Illustrates the great variety of housing, including mansions in Beverly Hills, "cliff-hangers" in Hollywood, the ghetto in Watts, beach places in Malibu and apartment buildings and housing throughout the area. Rent $15 to AIA members only.
Available through Audiovisual Division, Library (626-7495).
**Industrial Architecture**

Architects in Industry Seminar
Annual seminar that brings together architects employed by commercial and industrial corporations to oversee their planning, design and construction programs. Interchange provides architects in industry with resources to improve the quality of design and professional services for the corporate client. Oct. 12-15, 1980, Williamsburg, Va. Contact Professional Interest Programs Office (626-7364).

For further information about industrial architecture in general, contact the Professional Interest Programs Office, 626-7364.

**Insurance**

Benefit Insurance Programs Commended by AIA


Construction Bonds and Insurance Guide second edition (2-M163)

**Insurance and Bonds of Suretyship**

(1-HBC7)
Chapter 7 (1969) of the Architect’s Handbook of Professional Practice, this document outlines professional insurance, personnel insurance, office insurance, owner and contractor insurance, bonds of suretyship, prototype letters, certificate of insurance and a checklist on protection. $1.20/$1.80. Available through Publications Fulfillment Office (626-7332).

Professional Liability Insurance Flyer
Brief two-page report on the high points of PLI and a list of the insurance carriers currently selling this insurance. Free. Available through Practice Division, Liability Program (626-7458).

Professional Liability Insurance Survey
Survey report describing coverages, policy structure and claims network of the seven major liability insurance companies. Free. Available in October through Liability Program Office (626-7458).

Project Liability Insurance Flyers
Two brief folders, prepared by Victor O. Schinnerer & Co., outlining a new concept in professional liability insurance on a per project basis. Free. Available through Liability Program Office (626-7458).

The Techniques of Professional Liability Loss Prevention

For further information about liability insurance, contact the Liability Program Office, 626-7458.

Questions about benefit insurance should be directed to the Department of Business Management, Office of the Controller, 626-7322.

**Interiors**

North Central states regional products catalog featuring new and innovative products including office equipment, finishes, furnishings, specialties, wood, plastics and lighting. Available through Minnesota Society AIA, 314 Clifton Ave., Minneapolis, Minn. 55403 (612) 874-8771.

Scope of Services of Interior Architecture (AIA Committee on Interior Architecture)
Color slides (1980) with script describing the array of services architects provide in interior design, relating these services to AIA Document B171, “Standard Form of Agreement for Interior Design Services.” Two-hundred slides designed for two projectors and two screens, but can be shown with a single projector and screen. Free loan: AIA members only. Available through Audiovisual Division, Library (626-7495).

**International Relations**

Architect’s Guide to International Practice (2-M715)
Produced through the efforts of AIA’s federal agency liaison department, this book (1978) comes in response to requests for information about overseas work. The guide contains pertinent facts on 29 foreign countries, acquainting architects with the complexities and legal/financial considerations for practicing abroad as well as the differences between foreign and domestic markets. It also presents an overview of international practice and discusses the merits of using the services of overseas representatives and establishing an overseas presence with a local firm. $16/$20. Available through Publications Fulfillment Office (626-7332).

For further information about international relations, contact the International Relations Office, 626-7549.

**Joint Ventures**

Development Building: The Team Approach (2-M135)

Interprofessional Agreements (1-HBC10)

**Justice Facilities**

Architecture for Justice Exhibit
An annual exhibit, jointly sponsored with the American Correctional Association, of recent facilities for corrections. courts
and law enforcement. Information and registration material for the 1981 exhibit will be available in March 1981. Contact Professional Interest Programs Office (785-7429).

Design Resource File: Planning Justice Facilities (4-M714) This resource, prepared in 1978 by the AIA committee on architecture for justice, contains: the 1972 report of the AIA task force on correctional architecture, summarizing its observations on the state of the art in architecture for justice and some recommendations for action; guidelines for the justice planning process; resource and bibliographies pertaining to court facilities, correctional facilities and juvenile justice; an evaluation checklist for law enforcement facilities. $10. Available through Publications Fulfillment Office (626-7332).

For further information about justice facility planning, contact the Professional Interest Programs Office, 626-7429.

Land Use

Coastal Zone Management: Balancing Growth Protection Coastal Zone Management: Component Guide. These two booklets assist coastal state components in positive action toward effecting coastal zone management plans with design input in their states. Free. Available through State Component Affairs Office (785-7386).


Something This Good Can Last Forever Three 30-second television spots (1975), stressing importance of land use planning and showing a variety of urban and rural scenes to demonstrate benefits of intelligent land use. One spot is on George Washington as surveyor. AIA requires knowledge of stations using spots. Free. Available through Public Relations Department (785-7260).

For further information about land use in general, contact the Design and Environment Programs Office, 626-7363.

Legal Concerns

Legal Concerns (1-HBC19) Chapter 19 (1969) of the Architect's Handbook of Professional Practice, this document includes information on the law and legal profession, licensing, legal responsibility, professional liability, liability insurance, entering practice, contracts, the contractor and the law, the owner and the law, mechanics liens, arbitration and expert witnesses. $1.20/$1.80. Available through Publications Fulfillment Office (626-7332).

Legal Study Program Selected architect/law students may receive academic credit for a part-time work-study program concerned with legal matters and contract documents. Contact Documents Office (626-7454).


Office of General Counsel The general counsel and deputy general counsel serve as corporate legal advisers to AIA, its related corporation and to components regarding the corporation bylaws, contracts, antitrust and tax matters and other activities. Contact Office of General Counsel (785-7389).

Summer Legal Intern An architect/law student is selected each year to spend the summer working at AIA headquarters on contract documents and legal concerns. Contact Documents Office (626-7454).

For further information about legal concerns in general, contact the Documents Office, 626-7454.

Library

AIA Library Cross-Referenced Awards File All AIA honor and merit awards have been indexed by date, place, architect, name of project and building type. The library staff can answer questions such as how many houses in Chicago have won AIA awards, etc. Contact Library (626-7493).

Association of Architectural Librarians Meeting Held annually in conjunction with the AIA national convention for librarians from schools of architecture, firms and special libraries. Contact the Library (626-7493).

Bibliographies of AIA Library Holdings and Periodical Articles The library staff will prepare on request bibliographies of library books and/or periodical articles on specific subjects or building types. Members can identify books they wish to borrow from these lists. Free. Library has no photocopying facilities. Contact the Library (626-7493).

Bibliography of Bibliographies Four-page list (1978) of subject bibliographies compiled by the library staff. Contains approximately 200 subjects on which bibliographies of the library's holdings and/or periodical articles have been prepared. Free. Available through Library (626-7493).

Biographical Information on Architects The library will attempt to provide biographical information on individual architects, using reference sources such as the Baldwin Memorial Archive of American Architects. Contact the Library (626-7493).

Book Loans Members may borrow up to six books at one time from the AIA library for a two-week loan period. The only charge for this service is return postage via UPS or insured mail. Contact the Library (626-7493).

Library Research Services The library staff will respond to questions, either in person, by telephone or by letter, on aspects of architecture and construction, architectural history, building types, etc., using the library's catalogued volumes, more than 400 current periodicals, reference books and indexes. Free. Contact the Library (626-7493).

Recent Accessions Bimonthly list of recent library acquisitions, arranged by subject. $1/year. Available through the Library (626-7493).

Services to Members Sheet (1980) describing the AIA library's services to AIA members. Free. Available through the Library (626-7493).

For further information about the AIA Library, contact the Library directly,
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626-7493. Questions regarding audiovisual materials should be directed to the Audiovisual Division, 626-7495.

Lighting

Current Techniques in Architectural Lighting (3-S223)
Cassette and slides (1975) illustrating a wide range of lighting situations and solutions. $13/$14.50.
Available through Publications Fulfillment Office (626-7332).

Marketing

Achieving Results with Words (4-T104)
This 10-unit program, delivered in two sections, helps develop written communication skills necessary to sell ideas. $110.
Available through Professional Development Office (626-7355).

Conducting Winning Presentations (4-T105)
An eight-step correspondence course dealing with techniques of conducting presentations, client reaction and follow-through. $95 for the first person; $25 for each additional person (4-T105A).
Available through Professional Development Office (626-7355).

Designing Your Brochure as an Aid in Marketing Your Services (3-S224)
This one-hour cassette (1976) tells you how to gear your brochure to your desired market by making it convey your firm's personality, your ability to take care of the client, your problem-solving ability, the range of your services, etc. The contents of an "ideal" brochure are outlined. $9/$10.
Available through Publications Fulfillment Office (626-7332).

Marketing Architectural Services (1-HBC-B-8)
Available through Publications Fulfillment Office (626-7332).

Marketing Architectural Services Game Seminar (4-T103)
Correspondence course to help firms develop effective marketing programs. Each study group limited to six people. First person: $85; each additional person $25 (4-T103A).
Available through Professional Development Office (626-7355).

Selling Architectural Services (3-S207)
Cassette (1973) showing how the architect can conduct a practice in a professional and more prosperous manner by using effective marketing techniques. $9/$10.
Available through Publications Fulfillment Office (626-7332).

Selling Architectural Services II (3-S218)
This cassette (1975) examines the person-to-person selling process. It focuses on how to understand and work with your client's problem, achieving a mutually beneficial client-architect relationship. $9/$10.
Available through Publications Fulfillment Office (626-7332).

Successful Selling of Professional Services: Winning the Contract Before the Presentation (4-T106)
Six-section, learn-by-doing course which teaches through a series of typical case studies how to consistently improve your selling outcomes. $85.
Available through Professional Development Office (626-7355).

Meetings

AIA National Convention
Annual conference for all AIA members, where officers are elected, product information displayed, workshops and seminars presented, etc. Location and registration fee vary.
Contact Convention Office (626-7395).

Architects in Industry Seminar
Annual meeting brings together architects employed by commercial and industrial corporations to oversee their planning, design and construction programs. Interchange provides architects in industry with resources to improve the quality of design and professional services for the corporate client. Oct. 12-15, 1980, Williamsburg, Va.
Contact Professional Interest Programs Office (626-7366).

ASC/AIA Student Forum
Annual convention held over the Thanksgiving holidays brings together architectural students from around the country. Forum '80 will be held in Philadelphia.
Contact Association of Student Chapters/AIA, at AIA Headquarters (626-7472).

Association of Architectural Librarians Meeting
Annual meeting held in conjunction with the AIA national convention, of librarians from schools of architecture, firms and special libraries.
Contact the Library (626-7493).

Convention Hall Checklist
List prepared by the American Society of Association Executives: what not to forget to do when planning a convention or meeting. Free.
Available through Convention Office (626-7395).

Federal Programs Conference
Annual conference sponsored by AIA and the engineering societies. Provides opportunities for A/E professionals to meet key government officials from more than 52 federal agencies and the Congress.
Contact Federal Agency Liaison Office (626-7382)

Grassroots
Regional meetings held in January of each year bringing component officers and executives together with national officers and staff. Purpose is to review and discuss national programs and policies, give component leaders an opportunity to participate in the national planning process and provide a forum for the exchange of ideas among components. Program will be held only once in 1981, in Washington, D.C.
Contact Component Services Office (626-7377).

Information on Convention Cities
Various brochures, maps and other general information about the city in which the AIA national convention will be held. Free.
Available through the Convention Office (626-7395).

Meetings and Conferences Budget Checklist
Sample budget outline to aid meeting planners in staying within their budgets. Reminder of items to be considered in planning. Free.
Available through the Convention Office (626-7395).

Schedule: Regional and State Conventions and Expositions
Annual schedule of meetings to be held by components, including place, expected attendance and contacts. Free.
Available through the Convention Office (626-7395).

Site Inspection Checklist
Checklist prepared by the American Society of Association Executives as an aid to those preparing meetings: what to look for, items to remember. Free.
Available through the Convention Office (626-7395).

For further information about meetings in general, contact the Convention Office (626-7395).
Membership

AIA Membership Directory (4-M136)  
Annual alphabetical listing of AIA members, including addresses and chapter affiliations. Appendices includes honorary members and fellows, component presidents, medals and awards, affiliated and associated organizations. $10/$60. Available through Publications Fulfillment Office (626-7332).

Membership Bulletin  
Bulletin published periodically containing current membership information, timely suggestions for membership recruitment and retention for use of component membership chairpersons, president and executives. Free. Available through the Component Services Office (626-7377).

Membership Forms/H Series  
The following forms are intended for components' use. Free.
- H301 Application for Membership
- H302 Application for Associate Membership
- H303 Favorable Recommendation of Chapter on Application for Membership
- H305 Recommendation of Chapter for Unfavorable Action on Application for Membership
- H351 Application for Professional Affiliateship
- H601 Application for Membership Emeritus
- H713 Favorable Recommendation for Remission of Institute Dues

Mini-Grassroots  
Program of 45 minutes to 1½ hours, designed to aid components in programming. Gives overview of AIA services and benefits to members and augments local members with national staff. Can be combined with membership recruitment activities. Free. Contact Component Services Office (626-7376).

For further information about membership procedures, contact the Membership Records Division, Office of Assistant Secretary, 626-7393. Questions pertaining to Honorary Membership (Hon. AIA) should be referred to Awards Division, Office of Assistant Secretary, 626-7390; to Honorary Fellowship (Hon. FAIA), Professional Interest Programs Office, 626-7364. More detailed biographical information on individual architects may be obtained through the Library, 626-7493.

For further information about securing new members, contact Local Component Affairs Office, 626-7378.

The Octagon

AIA Foundation Booklet  

AIA Headquarters Slide Show  
Fifty color slides, with script and cassette tape (1974). Past AIA President Archibald Rogers, FAIA, discusses the AIA headquarters building and the Octagon. Free loan to AIA members only. Available through Audiovisual Division, Library (626-7495).

The Octagon  
Brochure containing a brief history of the Octagon, its hours of opening, etc. Free. Available through Public Relations Department (626-7460).

The Octagon, Being an Account of a Famous Washington Residence: Its Great Years, Decline and Restoration  

Octagon Slide Set  

For further information about the Octagon, contact the Curator, 638-3105.

Office Management

The AIA Handbook (1-HBC1)  
Chapter 1 (1973) of the Architect's Handbook of Professional Practice, this document includes general information on the Handbook, including the preface, table of contents, general index and information on chapters. $.60/$.90. Available through Publications Fulfillment Office (626-7332).

Architect's Handbook of Professional Practice (1-M104)  
Two-volume set in ring binders includes samples of all A, B, C, D, E and G documents, plus 18 chapters and a glossary of construction industry terms. $23.50/$35. Contents only (no binders), $16.75/$25. (1-M104A). Two binders (no contents), $10/$6.75 (1-M104B). Individual chapters of the Handbook are listed under AIA Documents, and described under the subjects they cover. Available through Publications Fulfillment Office (626-7332).

Architect's Handbook of Professional Practice—Supplement Service (4-Z100)  

The Architect's Office (1-HBC6)  

Architectural Secretaries Association  
Organized to promote and advance the professional and educational standards of architectural secretaries and contribute to the improvement of administrative procedures in architectural offices, ASA has chapters, locally sponsored by AIA chapters, all across the country. ASA holds annual meetings in conjunction with the AIA national convention. Contact Betsi Fassett, AIA/ASA Liaison (626-7387). For information on local chapter meetings, contact AIA chapter nearest you.

Current Techniques in Architectural Practice (2-M701)  

Design Disciplines: An Overview of Office Practice  
A series of seminars produced and sponsored by the Architectural Secretaries Association to introduce the new architectural secretary and/or recent architec-
A comprehensive data filing format (1972) for design and construction information; a format for filing project correspondence; the CSI format for construction specifications; an estimator's cost analysis format, and a key word index interrelated with the specifications and data filing formats. $9.60/$12.

Available through Public Relations Department (626-7460).

Periodicals

AIA Journal
Official magazine of AIA, published 14 times a year. Subscription price included in AIA membership dues. For subscription information for others, contact Circulation Department, AIA Journal (626-7327).

ASC/ AIA News
Monthly newsletter of the Association of Student Chapters / AIA with news items of interest to architectural students. Free to ASC/AIA members and CRIT/ASJ subscribers.

Available through Association of Student Chapters / AIA, at AIA Headquarters (626-7472).

CRIT—The Architectural Student Journal
Biannual magazine published by the Association of Student Chapters / AIA. Includes articles on architecture, architectural education and alternative careers in architecture. Free to ASC/AIA members. Two-year subscription is $4.

Available through Association of Student Chapters / AIA at AIA Headquarters (626-7472).

Government Alert for Components
Bulletin published six times a year containing brief, timely reports on government affairs developments at the state and local level. Free.

Available through State and Local Government Programs Office (626-7386).

InBrief (4-Z300-2)
Monthly magazine featuring concise abstracts of articles selected from over 75 architectural, engineering and business periodicals. One year subscription $60; two-year subscription $100.

Contact Publications Marketing Office (626-7474).

Journal of Architectural Education
Quarterly (during academic year) journal of the Association of Collegiate Schools of Architecture (ACSA). Single issue $4; free to ACSA members; $12 per year without membership to all others.

Available through Association of Collegiate Schools of Architecture, at AIA Headquarters (785-2324).

Public Relations Letter (PRL)
Bimonthly newsletter giving case studies of component programs, national PR, announcements of program packages, "how-to" tips, etc. Especially useful for chapter PR chairmen. 18 issues and index. Free.

Available through Public Relations Department (626-7460).

Research and Design
Published four times a year by the AIA Research Corporation, and mailed free of charge to architectural libraries, deans of professional schools of architecture and to the professional architectural firms and architects working in government and industry who are listed as members of AIA. Additional subscriptions are available for $15 in the U.S. (and possessions) and Canada, and for $30 elsewhere. Single copies are available for $4. All payments must be received in advance.

Available through AIA Research Corporation (626-7500).

Posters

Architectural Styles Chart
American architecture examples, 1600 to 1940. 40x30 inches, prepared by Panek. $8 postpaid.

Available through St. Louis Chapter / AIA, 919 Olive St., St. Louis, Mo. 63101

Charles Eames Memorial Poster
Large photo (20x16½ inches) of Charles Eames smiling warmly and pensively. $.50 plus tax and postage.

Available through Los Angeles Chapter / AIA, 8687 Melrose Ave., Los Angeles, Calif. 90069, (213) 659-2282.
Historic Rosson House
Poster of Rosson House, Phoenix, Ariz., drawn by Frederick Schweitzer, AIA; black on ivory, 18x24 inches. $5 post-paid.
Available through Arizona Architects Foundation, Inc., 1121 N. Second St., Phoenix, Ariz. 85004

Restoring a Landmark
Poster showing cross section of the Octagon, plate XII from Glenn Brown's 1914 monograph. 24x32 inches. $4.50 post-paid.

St. Louis—Montage of St. Louis Buildings
Black and white print (20x14 inches or 26x18 inches) suitable for framing. $7 postpaid. Specify large or small size.
Available through St. Louis Chapter / AIA, 1919 Olive St., St. Louis, Mo. 63101.

St. Louis World's Fair Panorama Poster
Shows buildings and plan of 1904 fair. 36x14 inches. $8 postpaid.
Available through St. Louis Chapter / AIA, 1919 Olive St., St. Louis, Mo. 63101.

Wind Energy Poster (4-M233)
Front side illustrates the history of wind-harnessing devices for mechanical and electrical power from pre-Christian times to the present. Back side gives an account of technical design information for modern wind energy conversion systems, and a list of manufacturers, research organizations and literature references. Includes a summary in French and German. Developed by Vonier and Wolff. Four-color, 24x30 inches. Single copy $4, two or more (4-M233Q) $3.25 each.
Available through Publications Fulfillment Office (626-7332).

Project Procedures (1-HBC11)
Chapter 11 (1969) of the Architect's Handbook of Professional Practice, this document outlines architect and owner responsibilities, organizing the project, instructions for the job captain, scheduling project services, project program, schematic design, design development, construction documents and construction, cost of rendering service and the project record book. $1.20/$1.80.
Available through Publications Fulfillment Office (626-7332).

Survey of Southern California Housing (Environmental Communications)
One-hundred color slides with booklet. Illustrates the great variety of housing, including mansions in Beverly Hills, "cliff-hangers" in Hollywood, the ghetto in Watts, beach places in Malibu and apartment buildings and housing throughout the area. Rent $15 to AIA members only.
Available through Audiovisual Division, Library (626-7495).

For further information about contracts, forms, liability and the use of the Architect's Handbook of Professional Practice, contact the Documents Office, 626-7454. For other specific questions relating to architectural practice, contact the Practice Office, 626-7457.

Presentation Techniques

Conducting Winning Presentations
(4-T105)
Eight-step correspondence course dealing with techniques of conducting presentations, client reaction to presentations and post-presentation follow-through. $95 for the first person; $25 for each additional person (4-T105A).
Available through Professional Development Office (626-7355).

Professional Interest Programs

Corresponding Committee Membership
Corresponding committee membership is available to all AIA members. Memberships are for the calendar year. Corresponding committee members receive all notices, meeting minutes and reports of the committee; participate in committee
meetings and activities to the degree desired, and contribute to committee tasks and deliberations as they wish. The committees with corresponding membership are:

architects in industry
commerce and industry
education
health
justice
art and recreation
historic resources
housing
interior architecture
Contact Professional Interest Programs Office (626-7365).

Professional Interest Programs/Seminars
Annual seminars bring together architects with similar professional interests. Interchange provides architects with resources to improve the quality of design and professional services for the client. Seminars planned for fall 1980 are:

Interior architecture, Oct. 2-3, New York City;

Housing, Oct. 5-8, Washington, D.C.;

Architects in industry, Oct. 12-15, Williamsburg, Va.;

Justice, Oct. 30-Nov. 1, Gainesville, Fla.
Contact Professional Interest Programs Office (626-7365).

Programming

The Architect's Guide to Facility Programming (2-M726)
A thorough examination of contemporary programming in architecture, including role, process, techniques, tools, applications (via case studies) and opportunities. $34.95 tentative price.

Design/Build/Bid (2-M199)
Available through Publications Fulfillment Office (626-7332).

Development Building: The Team Approach (2-M135)
Guide to project development (1972) by C. W. Griffin. Published by AIA. 130 pages; $16/$20.
Available through Publications Fulfillment Office (626-7332).

Emerging Techniques 2—Architectural Programming (2-M201)
Book (1968) by Benjamin H. Evans, AIA, and C. Herbert Wheeler, Jr., FAIA, describing the means through which data about the needs of the ultimate building user are determined and expressed from the instruction of the architect to the design solution. 68 pages; $5/$6.
Available through Publications Fulfillment Office (626-7332).

Project Delivery

The Architect's Guide to Facility Programming (2-M726)
A thorough examination of contemporary programming in architecture, including role, process, techniques, tools, applications (via case studies) and opportunities. $34.95 tentative price.

Design/Build/Bid (2-M199)
Available through Publications Fulfillment Office (626-7332).

Development Building: The Team Approach (2-M135)
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Available through Publications Fulfillment Office (626-7332).

Project Delivery Approaches: An AIA Guide (2-M702)
Publication (1976) edited by David S. Haviland of the AIA project management systems task force, guide is essentially a primer planned as the nucleus and framework for AIA series of studies and guidelines for responsive and creative project delivery approaches. 30 pages; $4/$3.25.
Available through Publications Fulfillment Office (626-7332).

Public Buildings

Forum on Public Architecture; A Conference for Government Administrators—A Resource Book
Collection of articles (1976) on public architecture, presenting significant state and local activity in such areas as energy conservation, land use and adaptive use. 142 pages; free.
Available through State and Local Government Programs Office (626-7386).

For further information about public buildings in general, contact either the Federal Agency Liaison Office, 626-7382, or State and Local Government Programs Office (626-7386).

Public Relations

Adaptive Re-Use: Extending the Life of Old Buildings (6-N827)
Using recent AIA Honor Award winning buildings as examples, this pamphlet describes the growing trend in architecture which advocates the adaptive re-use of older structures to give them new life in the modern world. Examples include Boston's Faneuil Hall, San Francisco's Cannery and Ghirardelli Square and Chicago's Navy Pier. Free.
Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

The AIA Asks: Why? Why Not?: Program Package 1 (6-N807)
Explains how to place a series of pictures and captions about good and bad environmental features in local newspapers.
Describes the program, gives ideas for pictures and captions, provides "how-to" information about approaching the newspaper, etc. 25 pages (1974); free.
Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

AIA Emblem for Printing
Instruction sheet regarding rules for use of AIA emblem. Two sheets of reproducible emblems in various sizes for use on letterheads, etc. Free. Limited quantities.
Available through Public Relations Department (626-7460).

AIA Memo
Newsletter, published twice a month, sent to the entire membership. Aims to keep members abreast of Institute programs, achievements, services, etc. Free.
Available through Public Relations Department (626-7460).

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American Institute of Architects Advertising
Leaflet describing former national advertising campaigns, ads for local use. Includes public service radio and television spots. Free. Available through Public Relations Department (626-7460).

Architects Bite!
Flyer (1980) written for a general audience and designed for distribution by components at home shows, etc., to promote client awareness. Consists of a series of common myths about architects which are disproved through case studies illustrating successful architect/client relationships. $5/100 copies. Available through Public Relations Department (626-7460) or Publications Fulfillment Office (626-7332).

Building a Better Environment

Built Environment Education: Program Package 10 (6-N824)
Folder highlighting a built environment education program for elementary school students developed and implemented by an architect. Includes a step-by-step sample program outline, plus a guide to resources and information on built environment education. Free. Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

Celebrating American Architecture (4-N825)
Set of 80 slides depicting 1979 national honor award and 25-year award winning buildings. Script is included to provide brief descriptions of the structures. $18 prepaid. Available through Publications Fulfillment Office (626-7332).

Celebrating Excellence: Program Package 11 (6-N829)
A “how-to” guide that addresses AIA components interested in setting up successful awards programs. With documented examples from Florida Association/AIA, Houston Chapter/AIA and other components’ efforts, this package provides useful, basic information and guidelines for each step of the program. An insert of the AIA Board Guidelines for Component Awards Programs is included. Free to components.

Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

A Celebration of Architecture (6-N826)
Flyer describing AIA’s 1979 celebration program in which architects throughout the country encourage greater public understanding of what architecture is, how it can be enjoyed and how it comes to be. Free. Available through Publications Fulfillment Office (626-7332).

A Celebration of Architecture: 25 Ideas for Components
Slide show and script which briefly describe 25 ways for AIA components to focus the public’s attention on the built environment. The show outlines projects used to implement AIA’s 1979 Celebration of Architecture program—tours, exhibits, guidebooks, etc. An “idea-kit” for components looking for PR projects to undertake. Free loan to components. Available through Publications Fulfillment Office (626-7332).

Component Editors Critique Service
A program to help improve the skills of editors of component newsletters and magazines. Written critiques by graphic and editorial consultants are available on request. Contact Public Relations Department (626-7459).

Component PR Assistance/Counseling
A program which offers different kinds of PR information, program packages, counseling and other aids to help components solve individual PR problems. Contact Public Relations Department (626-7459).

Conversation with an Architect

Designing Your Brochure as an Aid in Marketing Your Services (3-S224)
One-hour cassette (1976) tells how to gear your brochure to your desired market by making it convey your firm’s personality, your ability to take care of the client, your problem-solving ability, the range of your services, etc. The contents of an “ideal” brochure are outlined. $9/$10. Available through Publications Fulfillment Office (626-7332).

Effective Public Relations: A Guide for AIA Components (4-N805)
Annual loose-leaf “how to” handbook on PR planning, press relations, newsletters, speeches, television, etc. Free to chapter executives and PR chairmen; $5 to others. Available through Publications Fulfillment Office (626-7332).

Environments for People: Program Package 5 (4-N812)
Eighty slides, introduction, script and suggestions for use (1976). Explains how architects provide for basic human needs (shelter, privacy, personalization, socializing, mobility, communication) in their design of the human environment. $20 prepaid. Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

Hold on to Your Heat (and Keep Your Cool) (6-N906)

Houston Architecture April Festival: Program Package 7 (6-N831)
A folder (1976) explaining how the Houston Chapter/AIA held a month-long festival to increase public awareness and appreciation of architecture and architects. Includes descriptions of individual events, their planning, cost and publicity. Illustrated with news clips about the festival and samples of poster, tickets and map graphics used by the chapter. Free. Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

How Architecture Speaks: Program Package 2 (4-N808)
Forty-three slides, guidelines, script and quiz sheets (1974) that show people how architecture “speaks” through form, color, scale, texture, materials. Quiz tests people’s reactions to structures. $18 prepaid. Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

Indianapolis Architecture Guidebook: Program Package 8 (6-N832)
Folder (1977) describing the process by which Indianapolis Chapter/AIA published an extensive guidebook of that city. Includes sections on why to write a guidebook, forming a committee, fund-raising, budgeting, selecting printer and designer and publicizing the project and the product. Free. Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).
Prescriptive Standards: No Rx for Energy Conservation in Buildings (6-N816)
Available through Publications Fulfillment Office (626-7332).

Public Relations Letter (PRL)
Bimonthly newsletter gives case studies of component programs, national PR, announcements of program packages, "how-to" tips, etc. Especially useful for chapter PR chairman. 18 issues and index. Free.
Available through Public Relations Department (626-7460).

The Solar Advantage
Three 30-second television spots (1975), stressing importance of land use planning and showing a variety of urban and rural scenes to demonstrate benefits of intelligent land use. Results of recent research are applied to the energy efficiency of residences. Free.
Available through Director, Energy Programs (626-7448).

Something This Good Can Last Forever
Thrice 30-second television spots (1975), stressing importance of land use planning and showing a variety of urban and rural scenes to demonstrate benefits of intelligent land use. One spot is on George Washington as surveyor. Free. AIA requires knowledge of stations using spots.
Available through Public Relations Department (626-7460).

What Architects Do
Public relations brochure covering topics such as selecting an architect, costs, functions and savings, making the most of the natural environment, how an architect can save you money, what construction involves and how to pay the architect. $1.
Available through the Minnesota Society AIA, 314 Clifton Ave., Minneapolis, Minn. 55403, (612) 874-8771.
What Do They Have in Common? (4-N604)
Eighty slides of American architecture designed by women. Slides run gamut from solar homes to urban hospitals, from Manhattan to California. Package includes viewer handouts, guidelines for suggested use. Appropriate for career guidance, public awareness presentations, slides can be shown without narration. $20.
Available through Publications Fulfillment Office (626-7332) or Public Relations Department (626-7460).

Women in Architecture: A Special Report
Eight-page special issue of the AIA Memo (January 1976) that describes the AIA’s affirmative action plan to increase involvement of women in AIA and the profession. Free.
Available through Public Relations Department (626-7460).

You and Your Architect (4-N802)
A booklet answering client questions about the selection and compensation of an architect. Outlines the responsibilities of an architect, client and other members of the building team during design and construction. Revised in 1980. Up to 25 copies free to chapters; after that $10 per 100.
Available through Publications Fulfillment Office (626-7332).

For further information about public relations in general, contact Public Relations Department, 626-7459.

Publications Sales

Publications Price List and Order Form (6-N702)
List of AIA documents and forms, books, manuals, audiovisual materials, etc., available for sale through AIA. Free.
Available through Publications Fulfillment Office (626-7332).

Publications Sales
AIA sells documents, books, audiovisual materials, etc., to architects, components and the public. Members and components are entitled to varying discounts depending on nature of the publications.
Contact Publications Marketing/Sales Office (626-7474).

For further information about publications which are sold and to place orders, contact the Publications Fulfillment Office, 626-7332.
Railroad Stations

Color film, 16mm, 28 minutes (1974). Shows many of the interesting and innovative uses being made of old railroad stations, in order to preserve these landmarks. Rent $15 to AIA members only. Available through Audiovisual Division, Library (626-7495).

Real Estate

Land Development Game Seminar

Six-step correspondence course to teach how to do land development through actual experience. $75 for the first person from a firm, $15 for each additional person from the same firm (4-T102A). Available through Professional Development Office (626-7355).

Registration

License Renewal Legislation/Regulation: A Strategy Guide for AIA Components

Discusses the issue of license renewal for architects, outlines potential action by components and contains legislative and regulatory guidelines for components. 24 pages.

New License Renewal Requirements for Architects: The AIA's Policy and Initiatives

Presents AIA policy on license renewal, describes the principles of the professional development measuring system, and discusses current state activity on license renewal. Companion publications. 21 pages. Both free. Both available through State Component Affairs Division (626-7386).

Sunset Laws: A Strategy Guide for AIA Components

How sunset reviews can affect architecture-related matters and strategies for effective participation in sunset reviews. 46 pages; free. Available through State Component Affairs Office (626-7386).

Railroad Stations

Library Research Services

The library staff will respond to questions, either in person, by telephone or by letter, on aspects of architecture and construction, architectural history, building types, etc., using the library's cataloged volumes, more than 400 current periodicals, reference books and indexes. Free. Contact the Library (626-7493).

Research Design

Published four times a year by the AIA Research Corporation, and mailed free of charge to architectural libraries, deans of professional schools of architecture and to the professional architectural firms and architects working in government and industry who are listed as members of AIA. Additional subscriptions are available for $15 in the U.S. (and possessions) and Canada, and for $30 elsewhere. Single copies are available for $4. All payments must be received in advance. Available through AIA Research Corporation (626-7500).

Signs

Model Sign Control Ordinance


Specifications

Construction Documents—Specifications

Chapter 14 (1972) of the Architect's Handbook of Professional Practice, this document includes information on writing specifications, procedure, form, policy, method versus result, production and specification references. $1.80/$1.20. Available through Publications Fulfillment Office (626-7332).

An Introduction to Masterspec 2

Slide show explaining the Master specification system designed to help the architect remain competent and competitive. Consists of a carousel tray of 85 slides and a 20-minute cassette tape. Free loan; available only for organized meetings and seminars. Contact PSAE, a wholly owned corporation of AIA, at AIA headquarters (626-7550).

Masterspec 2—The Comprehensive Specification System

Tweleve-page brochure, describing the Masterspec 2 system including details about the new stand-alone basic version, which is particularly relevant to small general practice firms. Further information and samples available. Free. Contact PSAE, a wholly owned corporation of AIA, at AIA headquarters (626-7550).

Masterspec 2 Workshops

One-day continuing education course on Masterspec 2 consisting of lectures, hands-on exercises and a slide show of specification systemization theory and practice. Workshops are designed to enable design professionals to understand, evaluate and utilize master specification technology and the adaptable Masterspec 2 system and its primary stand-alone version. Masterspec 2 workshops are available to recognized organizations at PSAE's discretion, anywhere in the continental U.S. for a minimum of 25 preregistered attendees, on a first-come-first-served basis. Scheduling of a workshop requires a local sponsor to provide local promotion, space, lunch and coffee. Eight contact hours, 0.8 AIA CEUs. Contact PSAE, a wholly owned corporation of AIA, at AIA headquarters (626-7550).

For further information about specifications in general, contact Production Systems for Architects and Engineers, Inc. (PSAE), at AIA Headquarters, 626-7550.

Transportation

For information about transportation planning in general, contact the Practice and Design Office, 626-7359.

Underground

Building Underground for People: Eleven Selected Projects in the United States

Report (1978) by Michael Barker, documenting a sampling of underground projects that involve human habitation in the U.S. Information includes descrip-
Urban Planning

Blueprints for the Future
16mm color/sound film, 30 minutes (1965) that presents several master plans for Houston. A study of the architectural needs of the total city. Free loan.
Available through Houston Chapter/AIA, 3121 Buffalo Speedway, Suite 404, Houston, Tex. 77098, (713) 629-0191.

Building a Better Environment
"Clip Sheet" (1973) of news features with illustrations stressing value of AIA national policy task force recommendations for improving communities. Reproducible articles for newspapers. Free.
Available through Public Relations Department (626-7460).

Downtowns for People
Color 16mm film, 26 minutes (1972) showing examples of European and American downtown areas from the pedestrian's viewpoint. Free loan to AIA members only, no sale.
Available through Audiovisual Division, Library (626-7495).

Innovations in State Legislation: Land Use Management: Environment and Land-Use: Two California Experiments
Two publications (1973 and 1975) by Richard N. Tager, offered as one unit. The first is an overview of the role states can play in implementing the fundamental recommendations of the AIA national policy task force. The second report discusses the background and fundamental provisions of CEQA and the Coastal Zone Act.
Available through Design and Environment Programs Office (626-7363).

Lafayette R/UDAT
Color film, 16mm, 25 minutes (1978), documents the AIA R/UDAT visit to Lafayette, La. Free loan to AIA members.
Available through Audiovisual Division, Library (626-7495).

Los Angeles: 20th Century American City (Environmental Communications)
Color slides with booklet. Explores important aspects of new trends and problems in contemporary urban development: urban sprawl, low-density ghetto, freeway systems, leisure facilities land use patterns. Rent $15 to AIA members only.
Available through Audiovisual Division, Library (626-7495).

R/UDAT Films
Films of some previous R/UDATs are available on loan.
Available through Audiovisual Division, Library (626-7495).

R/UDAT Program
Through the Regional/Urban Design Assistance Team Program, chapters can arrange for a team of AIA members and other specialists to visit their communities and advise them on specific community planning and urban design problems or on long-range goals in regional planning.
Contact Design and Environment Programs Office (626-7363).

R/UDAT: Regional/Urban Design Assistance Teams: A Program of The American Institute of Architects
80 slides run the gamut from solar homes to urban hospitals, from Manhattan to California. Can be shown without narration. $20.
Available through Audiovisual Division, Library (626-7363).

R/UDAT Report on Forest Park, St. Louis
Facts and proposals (1976) for this green area established following the 1904 St. Louis World's Fair. $13 postpaid.
Available through St. Louis Chapter/AIA, 919 Olive St., St. Louis, Mo. 63101, (314) 621-3484.

R/UDAT Reports
Reports of recent R/UDAT visits available upon request. $3-$5.
Available through Design and Environment Programs Office (626-7363).

The Santa Monica Mountains: A Possibility and Paradigm: Ventura Boulevard Study (L.A. Architect, January 1978)
These two reports are the work of chapter committees concerned with the development and use of these two important environmental areas in Los Angeles. Photographs and charts are accompanied by analyses and proposals. $1 plus tax and postage.
Available through Los Angeles Chapter/AIA, 8687 Melrose Ave., Los Angeles, Calif. 90069, (213) 659-2282.

What is Regionalism?
AIA JOURNAL reprint on regional planning and development. Free.
Available through Design and Environment Programs Office (626-7363).

Wilson R/UDAT
Color film, 16mm, 25 minutes (1974). Documents the AIA Regional/Urban Design Assistance Team visit to Wilson, N.C. Free loan to AIA members only.
Available through Audiovisual Division, Library (626-7495).

For further information about urban planning in general, contact the Design and Environment Programs Office, 626-7363.

Women in Architecture

The Status of Women in Architecture Report (1975) of the AIA task force on women in architecture, which identifies several major areas where women have been either discriminated against or under-represented in the architectural profession and AIA. 38 pages; free.
Available through Component Services Office (626-7376).

What Do They Have in Common?
Program Package 9 (4-N604)
Slide show of contemporary American architecture designed by women. Included are informational handouts and guidelines for suggested use. The 80 slides run the gamut from solar homes to urban hospitals, from Manhattan to California. Can be shown without narration. $20.
Available through Public Relations Department (626-7460) or Publications Fulfillment Office (626-7332).

Women in Architecture: A Special Report
Eight-page issue of the AIA Memo (January 1976) that describes the AIA's affirmative action plan to increase involvement of women in AIA and the profession. Free.
Available through Public Relations Department (626-7460).

For further information about women in architecture, contact the Coordinator, Women in Architecture, 626-7376.

Working Drawings

Construction Documents—Drawings
(1-HBC12)
Chapter 12 (1970) of the Architect's Handbook of Professional Practice, this document includes general comments on drawings, instructions on laying out the work, production and ownership. $90/$.60.
Available through Publications Fulfillment Office (626-7332).
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A

*Affordable Houses Designed by Architects (3M420)
160-page book (1979) by the editors of Architectural Record offers an array of houses custom-designed by architects and built at developer prices. There are cost-saving hints on: building economically, using odd and inexpensive sites, using industrial materials in residential structures, making small spaces appear large and many more. $18/$19.95.

AIA Building Construction Legal Citator, 1980 Edition (2M119)
Compiled under the direction of Spencer, Whalen & Graham of the D.C. bar, this updated edition has been improved for easy reference and to speed research. Volume 2 of the two-volume set contains the current edition plus all earlier editions of each form, reproduced in their entirety. Volume 1 of the set contains comprehensive, accurate and authoritative information on court decisions in all U.S. jurisdictions relating to the standard contract forms of AIA, and a complete cross-reference of the forms in volume 2. Two-volume loose-leaf binders. $64/$80.

*AIA Guide to New York City (3M383)
563-page, revised edition (1978) by Norval White, FAIA, and Elliot Willensky, AIA, includes a short introduction and a capsule description of each of the five boroughs. Comments on shops, restaurants, theaters, parks, squares and buildings of historical and architectural interest. Paperback, $9/$9.95.

*AIA Guide to the Architecture of Washington, D.C. (3M269)
Revised edition (1974) of the convention guidebook prepared by the Washington Metropolitan Chapter/AIA. The 246-page working guide is arranged into convenient walking and motoring tours. Paperback, $6.25/$6.95.

AIA Membership Directory (4M136)
Annual alphabetical listing of all AIA members and associates, including addresses and chapter affiliations. Appendices include honorary members and fellows, component presidents, medals and awards, affiliated and associated organizations. $10/$60.

*AIA Metric Building and Construction Guide (3M426)

AIA Tote Bag (4M419)
American Institute of Architects in bold black letters with AIA emblem on off-white heavy-duty washable canvas bag. Size: 9½ x 13½ x 4½. $6.

*Alternative Natural Energy Sources in Building Design (3M323)
Alternative energy solutions to many energy design problems are discussed in this 215-page book (1977) by Albert Davis and Robert Schubert—through diagrams, tables and formulas. Paperback, $7.25/$7.95.

*American Country: A Style and Source Book (3M460)
A comprehensive 292-page guide (1980) to the new trend in interior design that combines the fine objects of the American past with the casual style of today, written by Mary Ellisor Emmerling. A 40-page nationwide directory lists the antiques dealers who specialize in country furniture and art, the best museum collections and sources for contemporary furniture, housewares and accessories. $27/$30.

*The American Courthouse (3M187)
The final product of a study cosponsored by AIA and the American Bar Association, this 320-page book (1972) presents an interdisciplinary view of the design of court facilities. $36/$40.

American Endless Weekend (2M151)
64-page publication (1973) by C. Ray Smith, AIA, that looks into recreation problems and planning in America. Prepared for the AIA committee on architecture for the arts and recreation. $4.80/$6.

*American Interiors: Architectural Digest Presents a Decade of Imaginative Residential Design (3M325)
Paige Renee edited this 287-page book (1978). Some distinguished interiors of our time are shown through photographs and deft word pictures. $31.50/$35.

*Anatomy of a Park: The Essentials of Recreation Area Planning and Design (3M126)
192-page "nontechnical" technical book (1971) by Albert J. Rutledge, presenting a system for evaluating the worth of a park design plan and a view of design criteria based upon behavioral science findings relating to people's needs—both esthetic and functional. $24/$26.50.

*Ancient Architecture (3M179)

The Annual of American Architecture, 1980 (2M725)
Available for the first time in hardcover, this 120-page annual survey (1980) features significant architecture in America in 1979. Taken directly from the editorial portion of the 1980 Mid-May issue of the AIA Journal, it includes such structures as homes, factories, churches, etc. $16/$19.95.

*Apprentice to Genius: Years with Frank Lloyd Wright (3M397)
256-page book (1979) by Edgar Tafel, AIA, gives an insider's view of the genius who created a new school considered by many as the basis of modern architecture. Includes a list of the Wright buildings open to the public. $19.75/$21.95.

*The Architect as Developer (3M235)
202-page book (1976) by John Portman, FAIA, and Jonathan Barnett, AIA, examines architectural and financial advantages of integrating real estate development and architectural design into a single process. Includes case study of Peachtree Center Plaza Hotel from conception to completion. $27/$29.95.

In loose-leaf format, this convenient, easy-to-read manual (1979) contains actual forms, documents, regulations, laws, guidelines and techniques used by public officials and design practitioners in A/E contracting. Prepared by the Committee on Federal Procurement of A/E Services, it is available for the first time outside the successful contracting course. $95.

Architect's Guide to Facility Programming (2M726)
Scheduled for publication in January 1981, this book by Mickey Palmer examines contemporary programming in architecture, including the architect's role, the process, techniques, tools, applications...
(via case studies) and opportunities.

Architect's Guide to International Practice (2M715)
107-page-guide (1978) contains pertinent facts on 29 foreign countries, acquainting architects with the complexities and legal/financial considerations for practicing abroad as well as the differences between foreign and domestic markets. Presents a general overview of international practice. $16/$20.

Architect's Handbook of Professional Practice (1M104)
Two-volume set in ring binders includes samples of all A, B, C, D, E and G documents, plus 18 chapters and a glossary of construction industry terms. $23.50/$35.

Architects in Government Roster (2M161)
List (1980) giving names and addresses of 2,300 architects employed by federal, state and local governments. $4.80/$6.

Architectural Delineation: A Photographic Approach to Presentation (3M128)
How the camera can be utilized in architectural and design presentation is the subject of this extensively illustrated 298-page book (1971) by Ernest Burden. It describes the various ways of preparing a layout for use with a camera, plus the techniques of drawing for final presentations. $29.25/$32.50.

Architectural Graphic Standards (3M103)

Architectural Rendering, Second Edition (3M147)
336-page book (1973), by Albert O. Halse, includes information on techniques and media. Many chapters have been updated to include material on purchasing supplies, using various mediums and a close analysis of student renderings. $36/$39.95.

Architectural Schools in North America (3M124)
Edited by Roger Schluntz, AIA, and Sarah V. Weaver, this 271-page book (1978) contains the official architectural program descriptions of the 99 member schools and the 20 affiliate schools of the Association of Collegiate Schools of Architecture, located throughout the U.S. and Canada. $8.25/$8.95.

Architectural Secretaries Handbook (4M131)
Loose-leaf volume contains information on the Architectural Secretaries Association, the secretary and the office, the secretary and the project, reference materials and glossaries. Temporarily out-of-print.

Architectural Photography (3M238)
164-page book (1976) by Joseph Molitor shows how the architectural photographer must understand composition, perspective, scale and mass, and relate each to building physical structure. 217 black and white and 31 color photographs explain each step in detail. $27/$29.95.

Architectural Registration Handbook (3M155)
Annual guide (1980) prepared by the National Council of Architectural Registration Boards for those taking Section B of the professional examination for architectural registration. Section A is covered by NCARB Design Test Handbook (3M427), listed separately. $22.50/$25.

*Architectural Stained Glass (3M421)
240-page presentation (1979) by Brian Clarke celebrates the work of 13 European and American artists involved with stained glass design since 1945. Full-color photographs accompany the text. $26.75/$29.50.
**Architecture and Energy (3M279)**

322-page (1977) study by Richard G. Stein, FAIA, of the needless waste of resources in today's buildings and homes. The author outlines steps required to revolutionize the design process and provide more efficient and livable structures. $11.75/$12.95. Paperback, $6.25/$6.95.

**Architecture in America: A Pictorial History (3M229)**

832-page, two-volume set (1976) by G. E. Kidder Smith, FAIA, includes some 800 black and white photographs displaying historic and contemporary work. Structures are succinctly identified as to time, place, architect and significance and are grouped in seven geographic sections. $18/$19.95.

**The Architecture of Arthur Erickson (3M341)**

In this 448-page book (1975), Erickson records his philosophy regarding site, light and cadence—the concerns predominating the character of his work. $36/$40.

**The Architecture of Bruce Goff (3M373)**

135-page book (1978) by Jeffrey Cook, AIA, is intended as a survey of the work of Goff, providing an in-depth examination of a small number of his buildings. 120 illustrations complement the text. $18/$20.

**Back to the Drawing Board: Planning Livable Cities (3M408)**


**Baroque Architecture (3M123)**


48-page publication (1977) from AIA Research Corporation discusses passive and active systems. Introduces systems design considerations, from collector components and placement, to storage and heat exchangers, to distribution. $5.50/$6.

**The Bed and Bath Book (3M346)**

In this 448-page book (1978), Terence Conran discusses beds and baths to suit every need or whim. Every area of the house is included from attic to cellar. $31.50/$35.

**Behavioral Architecture: Toward an Accountable Design Process (3M272)**

203-page book (1977) by Clovis Heimsath, FAIA, is a study and documentation of the often adverse psychological effects of buildings on people. Taken from an architect's viewpoint, it offers practical guidelines and step-by-step procedures to make certain the human element is included when designing viable buildings. $19.50/$21.50.

**Beyond Metabolism: The New Japanese Architecture (3M453)**

Michael Ross, AIA, captures the excitement and imagination of Japanese architecture in this 200-page guide (1978) to the work of some of the world's most innovative designers. Originally dubbed "Metabolists," these architects have gone "beyond metabolism" to achieve even more refined, articulate and interesting design solutions. $20.25/$22.50.

**BOD File: A Resource Book for Designers and Illustrators (3M343)**

By E. Denny and P. Terrazas, this source book contains 1,500 illustrations of human figures. They are drawn at architectural scale of one inch = one foot. Book includes section on automobile bodies, too. Paperback, $13.50/$15.

**Building Construction Illustrated (3M414)**


**Building Contracts for Design and Construction (3M224)**

352-page book (1976, second edition) by Harold D. Hauf, FAIA, focusing on recent problems in professional liability. It identifies the principal contingencies that may arise, discusses the details of contract forms and suggests methods for handling disputes that will be equitable to all parties involved. $22.50/$24.95.

**Building Early America (3M219)**


**Building Underground for People: Eleven Selected Projects in the United States (3M711)**

30-page report (1978) by Michael Barker, AICP, presents a sampling of underground projects in the U.S. Information includes description of each project, owner, design team, contractor, size, cost, date of completion and decision to build subsurface. $6/$7.

**Building Without Barriers for the Disabled (3M322)**

80-page book (1976) by Sarah Harkness, FAIA, and James Groom, AIA, is an invaluable guide to designing public buildings that are safe, convenient and easily accessible to the physically handicapped. Numerous photographs illustrate design solutions for the special needs of disabled and elderly. Drawings and diagrams, in both inches and meters. $10/$10.95.

**Buildings for Commerce and Industry: Boutiques to Factories (3M369)**

In this 256-page book (1979), the editors of *Architectural Record* magazine present design solutions for commercial buildings. Clearly demonstrating the impact of building design on a business's profitability, selections show how to design for specific commercial needs, how to create designs compatible with commercial surroundings and how to decide when to remodel, expand or build new facilities. $24/$26.50.

**Buildings for the Arts (3M412)**

Prepared by the editors of *Architectural Record*, this 224-page book (1978) describes libraries, art museums, historical and regional museums, cultural centers and theaters. Illustrations include floor plans and technical data. $29.25/$32.50.

**Buildings Reborn: New Uses, Old Places (3M411)**

Barbaralee Diamonstein, in her 255-page book (1978), provides a 20-page explanatory introduction on preservation in general and adaptive use in particular. The 95 cases that follow give a brief but well-rounded look at adaptive use. Entries include the better known projects (Ghirardelli Square, etc.) as well as many little-known but equally useful cases. Paperback, $9/$10.

**Built to Last: A Handbook on Recycling Old Buildings (3M410)**

Written by Gene Bunnell, this 126-page book (1978) contains 33 major and several dozen shorter case studies of adaptive use projects with costs and construction details, organized by building type. Paperback, $6.25/$6.95.

**Businessman's Guide to Construction (3M451)**

seeking to proceed through the construction process with understanding and confidence. The 13 chapters are organized to follow the construction process from the owner’s viewpoint, though each chapter may be read independently. Presents effective guidance recommended by experts. $31.50/$35.

*Carpenter Gothic: 19th Century Ornamented Houses of New England (3M344)
160-page volume (1976) by Alma de C. and Deidre B. McArdle documents, in text and photographs, the highly ornate, wooden ornamentation, known as Carpenter Gothic, in New England. $22.25/$24.50.

*Cast Iron Decoration: A World Survey (3M290)
332-page book (1977) by E. G. Robertson and J. Robertson. Robertson is a photographic inventory of the forms, national variations, relationships to architecture and contributions to buildings of cast-iron ornamentation. $24.75/$27.50.

*Castle (3M284)
80-page book (1977) by David Macaulay, based in concept, structural process and physical appearance on several castles built to aid in the conquest of Wales between 1277 and 1305 A.D. For ages 10 and up. $10.75/$11.95.

*Cathedral (3M192)
80-page book (1973) by David Macaulay, graphically explaining the creation of the cathedral, from the building of the foundation to the completion of the towers. Ages 10 up. $10.75/$11.95.

*Central City Malls (3M415)
Offering complete, in-depth coverage of mall development, this 200-page book (1978) by Harvey M. Rubenstein illustrates how pedestrian malls have become an exciting part of the revitalization of downtown business districts. Analyzes factors that determine a mall’s feasibility, size, location and cost. Contains 22 case studies and a catalog featuring complete data on 90 malls. $23.50/$25.95.

*Chair (3M314)
144-page volume (1978), edited by Peter Bradford and Barbara Prete, reveals chairs as symbols of civilization—reflecting the personal motives of the designer and the nature of his market. Included among the 1,100 illustrations are the 700 submissions to the 1977 AIA international chair design competition. $18/$19.95.

*Children’s Spaces: 50 Architects and Designers Create Environment for the Young (3M377)
In this 222-page book (1978), Molly and Norman McGrath have gathered examples of children’s spaces under one cover. The main body of the text is given over to the designers’ own discussions of their attitudes toward designing spaces for children—showing how space can be planned from the beginning to change as the child grows. $27/$29.95.

*City (3M193)
112-page book (1974) by David Macaulay, showing the development of a Roman city, from the planning stage through construction. Ages 10 up. $10.75/$11.95.

Compensation Guidelines for Architectural and Engineering Services, Second Edition (2M188)
Prepared by AIA with the assistance of the American Consulting Engineers Council, this 160-page (1978) financial management tool places equal emphasis on both the architectural and engineering services required for building projects. Provides a rational process for relating design professionals’ compensation to cost of services. Shows how to work with the client to analyze a project, item by item, to reach an agreement on scope of services required. $12/$15.

*Computer Aided Architectural Design (3M375P)
573-page book (1977) by William J. Mitchell provides a comprehensive introduction to the subject of computer-aided architectural design. No detailed knowledge of programming is assumed, although some familiarity with a programming language will be helpful, as well as a knowledge of elementary algebra and trigonometry. The text is supplemented by several hundred original diagrams. $15.25/$16.95.

*Concepts in Architectural Acoustics (3M225)
200-page book (1972) by M. David Egan, which includes chapters on basic acoustical theory, sound absorption, sound isolation, speech privacy, mechanical system noise and vibrations, room acoustics and sound reinforcing systems. $29.25/$32.50.

*Concepts in Building Firesafety (3M358)
M. David Egan, in this 264-page book (1978), presents the principles of design for firesafety in an easy-to-follow graphic format. More than 270 illustrations help design professionals conceptualize problems and solutions of fire ignition and spread in buildings, site planning, building materials and construction, fire detection and suppression systems for buildings, smoke and heat venting techniques, escape and refuge principles. $24.50/$27.

*Concepts in Thermal Comfort (3M186)
224-page book (1975) by M. David Egan is a resource book on energy conservation design and construction principles. Text stresses the importance of integrating mechanical systems with building structures, minimizing building heat loss or heat gain and conserving valuable resources and energy. Illustrated with graphs, charts and numerous tables of technical and engineering data to aid in solving actual building problems. Appendices provide a set of formulae and additional references. $13.50/$14.95.

Loose-leaf reference book (1979) prepared by Bernard B. Rothschild, FAIA, containing up-dated information on bonds and insurance related to construction projects, with glossary of insurance terms and suggested check list. $16/$20.

Edited by Robert Cushman, this 760-page handbook (1978) is an efficient source of time-tested techniques for solutions to specific problems that arise time and again in the construction industry. Answers to questions involving accounting, insurance, contracts, bonds, bids and much more may be found in the 53 chapters of this authoritative reference. $33/$36.50.

*Construction Delay: Responsibilities, Risks and Litigation (3M246)
384-page book (1976) by James O’Brien clearly explains legal definitions of delay, responsibilities of both building professional and client, role and liability of each participant in court proceedings and techniques for avoiding litigation altogether. Includes analyses of actual cases involving the most frequently encountered problems in delay litigation. $17.75/$19.50.

*Construction Law in Contractor’s Language (3M307)
352-page book (1977) by McNeil Stokes deals with construction contracts in an up-to-date manner. Particularly valuable because it speaks in terms of practical problems, it is easy to read and understand. Included are chapters on bidding, general contracts, subcontracts, performance, insurance and how to collect your money. $23.50/$25.95.
*Converted into Houses (3M228)
96-page book (1976) by Charles Fracchia and Jeremiah Bragstad serves as guide for creative recycling nonresidential buildings into houses. More than 30 dwellings—from-other-buildings, both in the U.S. and abroad, are discussed in lively text. Each dwelling shown as it was and as it is, accompanied by history of use and the process of conversion. 216 color photographs. $13.50/$15. Paperback (3M228P), $6.25/$6.95.

*Court House: A Photographic Document (3M340)

*Design for Accessibility (3M416)
Practical, 256-page on-the-job book (1979) by Robert James Sorensen explains graphically every currently developed standard and recommendation for handicapped access design. Drawings, dimensioned in both USCS and SI units, cover details involved in site development and parking, building access and circulation (halls, stairs, ramps, elevators), building areas, details and accessories. Latest codes, standards and regulations are detailed. $20.75/$22.95.

*Design Cost Analysis for Architects and Engineers (3M454)
Stressing the importance of a team effort among architect, structural, mechanical and electrical engineers, and cost managers, on every design effort, the 224-page book (1980) by Herbert Swinburne, FAIA, provides a workable method tied to a readily available cost data base for determining costs of 15 different building systems. Profuse examples and a hypothetical case study illustrate how to implement the procedures and avoid errors and liabilities. $17.25/$18.50.

*Design for a Limited Planet: Living with Natural Energy (3M313)
215-page source-book (1977) by Norma Skurka and Jon Naar gives concise explanations of how solar heating systems work and how to design for solar energy use, and tells where to go for additional information on alternate energy systems. $17.75/$19.50, Paperback (3M313P) $6.25/$6.95.

*Design for Accessibility (3M416)
Practical, 256-page on-the-job book (1979) by Robert James Sorensen explains graphically every currently developed standard and recommendation for handicapped access design. Drawings, dimensioned in both USCS and SI units, cover details involved in site development and parking, building access and circulation (halls, stairs, ramps, elevators), building areas, details and accessories. Latest codes, standards and regulations are detailed. $20.75/$22.95.

*Design of Cities (3M02)
336-page book (Second edition, 1976) by Edmund N. Bacon, FAIA, comparing the spatial forms and subtle beauties of ancient and modern cities with a multitude of drawings, photographs, maps and plans. $11.75/$12.95.

Design Resources File: Planning Justice Facilities (2M714)
Prepared by the AIA committee on architecture for justice, this 83-page resource (1979) contains: a summary of the 1972 task force report on the state of the art in architecture for justice and some recommendations for action; guidelines for the justice planning process; resource and bibliographies pertaining to court, correctional and juvenile justice facilities, and an evaluation checklist for law enforcement facilities. $8.00.

Design Review Boards: A Handbook for Communities (2M203)
52-page résumé (1974) of the law on design review and an annotated model continued on page 120
The pyramid is ancient history. But in this Phoenix, Arizona building, the pyramid is a dichotomy. On one hand, its inverted shape creates a mood of modernity. On the other hand, it was erected by using some good old fashioned work methods. The building which houses the offices of Security Mortgage Corp. and its lessees, stands four floors high. Each floor carries an overhang of more than 10 feet. In all, a total overhang of 44 feet. A 30 foot tree could grow within its shelter.

Another remarkable feature about the structure is the time it took to build. Just two and a half months from start to finish.

Unique methods were used. The Dryvit System was prefabricated on steel stud panels which were constructed on an adjacent lot. The block and tackle method was used to hoist the panels into position. And it needed only a crew of 3 lathers, 2 plasterers and a plaster tender to put up the 16,500 square feet of walls. They made a mock-up of a single corner and adjusted it until it was correct. Then they built all the corners and put them in place first. They measured the distance between each corner and fabricated the exact size to fit each floor.

Obviously, Dryvit's lightweight and ease of application were two reasons why this structure went up so fast. And as Dryvit went up, it also provided Outslution™, the massive insulation that saves energy while it looks beautiful.

The Dryvit System works in this inverted pyramid. Let us prove it can work for you. Call or write stating your application: new construction or retrofit.
Books from page 118

ordinance to guide communities that choose to adopt a design review board process. $5.60/$7.

*Design Through Discovery, Third Edition (3M357)
404-page basic introduction (1977) to the elements and principles of visual expression, by Marjorie Elliott Bevl. Contains more than 600 photographs illustrating the concepts in the book with examples of all areas of design—from the contemporary rock concert to the marble sculptures of Michelangelo. $17.75/$19.50. Paperback (3M357P), $13.50/$14.95.

*Designing and Building a Solar House: Your Place in the Sun (3M251)
288-page book (1977) by Donald Watson, AIA, demonstrates the most sensible ways to combine good residential design with contemporary solar heating technology within building costs of conventional homes. Delves into topics such as active and passive solar heat systems, hot water systems, calculating wind, temperature range and sun exposure factors on the sites. Includes complete checklist of equipment needs and a comprehensive source list of products and material. More than 400 illustrations. $12.75/$13.95. Paperback (3M251P), $9/$9.95.

*Designing for the Disabled, Revised Third Edition (3M356)
Comprehensively updated and completely rewritten, this $25-page (1976) classic by Selwyn Goldsmith is a helpful aid for all who are concerned with the planning and management of buildings used by handicapped people. Using 478 diagrams to guide the designer, this book is a reproof to traditional attitudes of building design, in which the disabled have been largely ignored. $42.75/$47.50.

*Designing and Building a Solar House: Your Place in the Sun (3M251)
288-page book (1977) by Donald Watson, AIA, demonstrates the most sensible ways to combine good residential design with contemporary solar heating technology within building costs of conventional homes. Delves into topics such as active and passive solar heat systems, hot water systems, calculating wind, temperature range and sun exposure factors on the sites. Includes complete checklist of equipment needs and a comprehensive source list of products and material. More than 400 illustrations. $12.75/$13.95. Paperback (3M251P), $9/$9.95.

*Designing the Open Nursing Home (3M289)
175-page book (1976) edited by Joseph A. Koncelik offers much needed research on the social, behavioral and physiological characteristics of the elderly infirm. Provides a clear guide to developing microenvironments that are residential in nature rather than stercile and institutional. $21.25/$23.50.

Development Building: The Team Approach (2M135) 130-page guide (1972), by C. W. Griffin, to project development. Since the development process is too complex and varied to be defined in simple, unvarying formulas, this book attempts to prescribe general rules. $16/$20.

A Directory of Minority Architectural/Engineering Firms (2M709) The directory (1978) prepared by AIA and the American Consulting Engineers Council (ACEC) lists both member and nonmember minority architectural and engineering firms nationwide. $5/$10; $5 for ACEC members.

*Doors (3M405) 144-page book (1979) by Val Clery offers a kaleidoscope of full-color photographs (158) that show how astonishingly varied, intriguing and significant doors can be. The book has all the fascination of a walking tour through an unfamiliar city where every turn brings new discoveries. $13.50/$14.95. Paperback (3M405P), $9/$9.95.


*Drawings by American Architects (3M154) 613-page book (1973) by Alfred M. Kemper, AIA, which is a collection of renderings from more than 100 architectural offices illustrating a wide range of techniques and various viewpoints. $45/$49.95.

*Earth Sheltered Handbook (3M456) Written by Tri/Arch Associates, this 244-page handbook (1980) is neither totally technical nor theoretically abstract but a mixture of both. Principles of site selection and preservation are presented, as well as graphic and verbal descriptions of various structural and building subsystems, construction details and techniques. Illustrated. $11.75/$12.95.

*Earth Sheltered Housing Design: Guidelines, Examples, and References (3M381) 310-page book, produced by the Under­ground Space Center at the University of Minnesota, is the first comprehensive manual on underground housing design. It introduces the basic considerations of earth sheltered design and presents detailed layouts and photographs (300) of existing houses, built in both warm and cold climates. Offers precise information on financing, building codes, product information and a bibliography. $16.25/$17.95. Paperback (3M381P), $9/$9.95.

*Earthquake Resistant Design: A Manual for Engineers and Architects (3M143) In this 374-page book (1977), D. J. Dowick spells out the earthquake-resistant design process—from risk analysis through detailing—in logical design office sequence, explaining each stage along the way. Gives details on soils, foundations, superstructure and nonstructure. $41/$45.50.

*Earthscape: A Manual of Environmental Planning (3M337) 340-page book (1977) by John Ormsbee Simonds is a comprehensive and positive book on environmental quality. The author shows what architects, engineers and concerned citizens can do to assure that tomorrow's communities will be livable and productive. $31.25/$34.50.

*Energy Conservation Design Resource Handbook (4M428) 450-page handbook (1979) summarizes systematically all design principles and related architectural, engineering, planning and economic considerations applicable in architectural design. Prepared by the energy task force of the Royal Architectural Institute of Canada, the information on energy conserving measures is written in a concise manner using a blend of easily understood tests, diagrams, charts, illustrations and calculations in metric measurements. Loose-leaf binder. $75/$80.

Energy Conservation in Building Design (4M212) Prepared by the AIA Research Corporation, this 156-page book describes opportunities for conserving energy through building design. It is the product of a national energy policy study financed by the Ford Foundation to investigate various aspects of the technological and social impacts of energy supply and consumption. $5.
*Energy Conservation in Buildings
(3M184)
183-page book (1975) by Charles W. Griffin which contains a subject-by-subject examination of the building items that offer opportunities for reduction in energy use. $20.

*Energy Conservation Standards
(3M371)
Written by Fred S.Dubin and C. G. Long Jr., AIA, this 413-page comprehensive guide (1978) gives the practical methods for managing energy in any structure designed, built, maintained or operated. Contains checklists and charts needed to trace and measure the energy flow in every given building, from heat loss in walls and roofs to the economics of HVAC and electrical systems. $22.50/$24.95.

*Energy Conservation Through Building Design
(3M389)
Edited by Donald Watson, AIA, this 224-page book (1979) comes in response to today's growing concern with the conservation of energy. It is comprised of key articles and references that outline the basic concepts and directions necessary for energy efficient building design; a reliable source for guidelines. $20/$21.95.

*Energy Handbook
(3M396)
640-page book (1978) by Robert L. Loftness is a major compilation and survey of energy resources, costs, conservation, efficiency, depletion, storage, transport, consumption, conversion technologies and environmental factors. It covers such areas as nuclear, oil, geothermal, coal, wind, solar and tidal energy sources. $44.75/$49.50.

Energy Planning for Buildings
(4M720)
Written by Michael Sizemore, AIA, et al., this 156-page book (1979) presents a proven process that design professionals can use (or adapt) to study the current energy performance of a building, uncover opportunities for energy-conscious improvements, evaluate those opportunities and see that they are carried out to the building owner's best benefit. Describes in detail a manual technique for calculating energy usage and shows in a sample problem how that technique can be applied. Also provides a basis for understanding computer-aided energy estimating techniques. $40/$44.

*Facility Programming: Methods and Applications
(3M361)
Edited by Wolfgang F. E. Preiser, this 352-page book (1978) provides an authoritative overview of current user-oriented programming approaches. Topics covered range from problem definition, cross-cultural programming and post-occupancy evaluation to adaptive use and other more specific examples of facility programming. $33.50/$37.

(3M384)
Prepared by Lois Craig and the staff of the federal architecture project, this profusely illustrated 608-page reference (1978) is a sort of American album, a scrapbook of a special aspect of our cultural history. Post offices, courthouses and other government structures of the most utilitarian purpose have followed the fashions of their day and have contributed much to America's architectural tradition. $33.75/$37.50.

Financial Management for Architects
(2M724)
The "umbrella" book of the AIA financial management systems, the 200-page manual (1980), by Robert Mattox, AIA, covers basic theories and applications appropriate to all size design firms. It examines financial goals, profit planning...
and the interrelationships of accounting reports, financial controls and the broad view of managing firm finances. Illustrated. $22/$27.50.

*For Pedestrians Only: Planning, Design and Management of Traffic-Free Zones (3M278)

This 208-page book (1977) by Roberto Brambilla and Gianni Longo is a comprehensive study of the complex process of eliminating all the noise, pollution and turmoil from urban spaces. By summarizing and analyzing what has been achieved, the book offers a resource to guide future efforts to make cities more habitable. $22.50/$24.95.

*The Form of Housing (3M359)

Sam Davis, AIA, edited this well-illustrated 299-page book (1978) which provides a broad range of elements that must be considered in the planning and production of dwellings. Describes the main forms of urban housing during the past three decades. Examines changing attitudes of builders and developers, the movement toward conservation of old housing, plus numerous projects. There are also extensive bibliographies. $22.25/$24.50.

*Frank Lloyd Wright's Usonian Houses: A Case for Organic Architecture (3M328)

John Sergeant, in this 205-page book (1976), edited by Walter F. Wagner, AIA, of 68 exceptional houses, illustrated in more than 300 photographs and plans, show how a house can be designed to suit almost any site. Principles of design that create an interesting, workable and convenient house that takes advantage of its natural surroundings. $21.75/$23.95.

*Great Moments in Architecture (3M315)

This 114-page portfolio (1978) by David Macaulay shows a fresh and beguiling side to his talents. For example: the plans for the Tower of Pisa on a skewed drafting table; the Eiffel Tower tipped over across the Seine and many other gems. $10.75/$11.95. Paperback, $5.50/$5.95.

*Greene and Greene: Architecture as a Fine Art (3M376)

This 288-page book (1978) by Randell Makinson is a comprehensive study of Greene and Greene. It combines biography with descriptive analysis of all their major works. Photographs and drawings embellish and illustrate the text. $25.25/$27.95.

*Greene & Greene: Furniture and Related Designs (3M385)

In this beautifully illustrated, 162-page book, Randell Makinson shows the exquisite taste and sensitivity of the Greene brothers, revealed through their highly integrated designs for architectural furnishings. Masters of the California crafts tradition, they believed that all elements of a house should be interrelated, adding to and defining the architectural statement. $25.25/$27.95.

*Gritty Cities: A Second Look at ... (3M380P)

This 276-page, extensively illustrated book (1978) by Mary Proctor and Bill Matuszkszi is a personal response to the physical landscape of the gritty cities: an assessment of the place of 12 cities in the Industrial Revolution and the present. Demonstrating the human scale possible in architecture, it gives a new, kinetic vision of the small city whose beauty is most apparent in the juxtaposition of smokestack and neoclassic facades. $9/$9.95.

*A Guide to Architecture in Los Angeles and Southern California (3M393)

This 600-page guidebook (1977), by David Gebhard and Robert Winter, contains 3,000 entries for the geographic area extending from San Simeon on the north to the Mexican border on the south and the island deserts on the east, including the San Joaquin Valley. The tourist is provided with 1,000 illustrations, including maps and descriptions, plus a glossary and bibliography. Paperback, $10.75/$11.95.

*A Guide to Architecture in San Francisco and Northern California (3M392)

Published for the 1973 national AIA convention, the 560-page guide by David Gebhard, et al., contains a wealth of maps for ease in touring, along with succinct descriptions of the various areas visited and buildings viewed. Includes a glossary and bibliography along with 600 illustrations. Paperback, $8.25/$8.95.

*A Guide to New Orleans Architecture (3M382)

Prepared by the New Orleans Chapter/AIA, this 177-page guidebook provides suggestions, with maps, for 18 separate tours. Beginning with the French Quarter (Vieux Carre), it leads the tourist through neighborhoods of small, narrow Victorian "shotguns" or "camelbacks" (a pictorial glossary is provided) to the large-scale houses of the Garden District, to the newer suburbs, following a full range of architectural styles. Paperback, $5.50/$5.95.

G

Glossary of Construction Industry Terms (2M101)

18-page publication (1970), including definitions of terms with special meaning or connotation in the construction industry. $1.25/$1.50.

*Gothic Architecture (3M285)

commonplace industrial and commercial products can be used in the home. Includes description, prices, names and addresses of manufacturers. $27/$29.95.

*Hospital and Health Care Facilities (3M345)
This 193-page volume (1978), edited by Louis Redstone, FAIA, helps solve overall planning and construction problems; covers the gamut from small clinics to large public hospitals. $29.25/$32.50.

*Hospital Planning Handbook (3M134)

*Hotels, Motels, and Condominiums: Planning and Design (3M243)
250-page book (1976) by Fred Lawson is a reference source on marketing and research, architectural design, engineering data and operations analysis of hotels and other tourist facilities. Covers everything from cocktail lounges to sleeping rooms to back-of-the-house mechanical equipment. Discusses current international trends and up-to-date standards affected by such things as energy shortages, new concepts of safety, comfort and noise reduction. 150 illustrations. $36/$39.95.

*The House Book (3M347)
This 448-page book (1976) by Terence Conran provides a thorough discussion of home planning, decorating, maintenance and repair, covering everything from window decor to wine cellar. $31.50/$35.

*A House Is a House for Me (3M350)
In this 48-page illustrated book (1978), Mary Ann Hoberman describes all kinds of houses through rhythmic verse. Teaches small children the concepts of space, containers and shelter. $5.50/$5.95.

*Housebuilding for Children: Six Different Houses That Children Can Build for Themselves (3M334)
A 175-page (1977) do-it-yourself guide by Lester Walker for children, parents and teachers based on the actual experiences of a crew of children ages seven to ten. $10/$10.95.

*Houses Architects Live In (3M302)
This 168-page book (1977) by Barbara Plumb, presents well-designed houses and apartments—from modest to lavish, all emphasizing ingenious ways of combining beauty and practicality. All have interiors alive with ideas suitable for adaptation to all types of living situations. $16.25/$17.95. Paperback, $9/$9.95.

*Houses of the West (3M391)
Celebrating the Western house as a fresh, flexible design concept, this 224-page, exceptionally illustrated book (1979), edited by Elisabeth K. Thompson, FAIA, features the work of some of America's leading architects. Designs for a wide variety of terrains, climatic conditions and user needs are included. $18/$19.95.

*Housing (3M237)
This 483-page book (1976) by John Macsai, FAIA, and others, provides a methodical approach to housing design. Dissects housing into its various components, sets forth up-to-date information on each. Deals with the data architects should gather to intelligently design housing: architectural, structural and mechanical components of design; design methodology; financing. $38.25/$42.50.

*Housing for the Elderly: The Development and Design Process (3M142)
A 174-page (1975) ready-to-use guide, by Isaac Green, AIA, and others, for producing high quality housing for older Americans. Pinpoints housing which
meets physical, social, perceptual needs of senior citizens. Emphasizes types of shelter, environments and services required by both the independent elderly and those who need limited health and social services. $17.25/$18.95.

*How a House Happens (3M287)
This 29-page book (1971) by Jan Adkins shows the very young reader how a house grows and is brought to life by craftsmen. It begins with roots in the ground and grows up and out to give shelter, like a tree. $5.50/$5.95.

*How to Prepare Professional Design Brochures (3M223)
277-page book (1976) by Gerre Jones, Hon. AIA, to guide those planning a promotional brochure showcasing their professional services. Discusses the procedure from start to finish, including the areas of scheduling, budget, layout, copywriting, type, paper and printing. Shows numerous examples, and also covers supplemental publications such as newsletters. $22.50/$24.95.

*How to Recycle Buildings (3M425)
245-page book (1979), by Laurence E. Reiner, shows how to successfully rehabilitate or recycle structurally sound buildings for profit. The author presents the practical “how-to’s” on finding, evaluating, surveying, financing and marketing recycling projects profitably. In addition to case studies, numerous illustrations, graphs, charts and tables are included. $18/$19.95.

*Huts, Hovels and Houses (3M351)
This 48-page book (1978) by Timothy Fisher, for ages 12 and up, provides directions and suggestions for building a variety of shelters—inflatable tetrahedrons, a house of cans. Includes such luxuries as a solar heated bathtub. $6.25/$6.95.

*I. M. Pei & Partners: Drawings for the East Building, National Gallery of Art (4M403)
Prepared by the Adams Davidson Galleries, this 55-page catalog (1978) contains portions of the sketches, renderings and models used in the exhibit, developed by the galleries, documenting the design evolution and construction of the east building, 1968-1978. Paperback, $6.

*Interior Plantscaping: Building Design for Interior Foliage Plants (3M301)
This 200-page book (1977) by Richard L. Gaines, AIA, includes information on physical requirements of plants, what conditions they need and how to select plants that do best indoors. A special full color section displays and discusses more than 75 of the most popular varieties for indoor use, providing details of lighting, moisture and temperature needs. $23.50/$25.95.

*Interiors 2nd Book of Hotels (3M395)
In this profusely illustrated, 224-page book (1978), Henry End discusses the changes in the hotel industry in the past 15 years. Subjects covered include: the design team, the consultants, types of hotels, hotel spaces and their function and much more. $24/$26.50.

*Into the Mainstream: A Syllabus for a Barrier-Free Environment (3M132)
A 44-page report (1975) by Stephen Klement, FAIA, containing practical information on how a community can achieve a barrier-free environment. $2.75/$3.

*Islamic Architecture (3M177)

*Joint Ventures for Architects and Engineers (3M139)
205-page book (1972) by David R. Dibner, FAIA, which covers all the important details of joint ventures with step-by-step procedures. $25.75/$28.50.

*The Kitchen Book (3M348)
Terence Conran provides thousands of ideas, in this 352-page book (1977), for making kitchens attractive and functional. Discusses ways to design the ideal kitchen. $31.50/$35.

*Late Baroque and Rococo Architecture (3M178)

*Legal Aspects of Architecture and Engineering, Second Edition (3M319)
In this 987-page volume (1977), Justin Sweet discusses the antitrust attacks on traditional professional practices relating to fees and clients. Also covers construction organization techniques such as construction management, fast track systems and design/build. $18/$19.95.
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*Model Building for Architects and Engineers (3M133)

152-page working guide (1971) by John Rueger Taylor to well-executed, realistic models for architectural, engineering and interior designs. $24.75/$27.50.

*Modern Architecture (3M450)

Written by Manfredo Tafuri and Francesco Dal Co, this 459-page book (1976) is the latest volume in the History of World Architecture Series. Beginning with the rise of urbanism in 19th century America, it includes work by giants such as Hunt, Richardson, Sullivan, Le Corbusier, Wright, Mies and many others. Profusely illustrated. $40.50/$45.

*Natural Solar Architecture (3M322)

254-page handbook (1978) by David Wright, AIA, for those wanting to find out more about the passive approach to solar architecture. Shows the natural and simple approach in designing homes. Paperback, $8.25/$8.95.

*NCARB Design Test Handbook (3M427)

94-page study guide (1979) for Section A of the NCARB professional examination contains actual design solutions by candidates to the 1979 problem, together with expert critiques by NCARB's examinations coordinating council. Will be updated annually. $16.25/$18.

New Design Concepts for Energy Conserving Buildings (2M263)

124-page book (1977) describes 115 innovative approaches to designing energy-efficient buildings. Contains bibliography and design concept index keyed to drawings. $9/$9.95.

*New Dimensions in Shopping Centers and Stores (3M158)

323-page book (1973) by Louis Redstone, FAIA, on every phase of planning and constructing shopping centers. $29.25/$32.50.

*The New Downtowns: Rebuilding Business Districts (3M222)

330-page book (1976) by Louis G. Redstone, FAIA, concerned with rescuing and revitalizing the deteriorating central city. Focuses on imaginative urban renewal projects through case studies of central business districts in 56 cities in the U.S., Canada and abroad. $31.25/$34.50.

*New Profits from Old Buildings (3M422)

Written by Raynor M. Warner, et al., the 71 projects profiled in the 295-page book (1978) illustrate the ways in which business has made use of existing buildings or given support to others for their preservation. Case studies provide useful examples for those interested in building and community preservation. $22.25/$24.50.

*New Uses for Old Buildings (3M327)

This 280-page book (1975) by Sherban Cantacuzino is a good reference for those looking for ways to adapt old buildings to current requirements. Discusses 73 internationally selected examples of recent conversions. $27/$29.95.

*Natural Solar Architecture (3M322)

254-page handbook (1978) by David Wright, AIA, for those wanting to find out more about the passive approach to solar architecture. Shows the natural and simple approach in designing homes. Paperback, $8.25/$8.95.

*Office Planning and Design (3M267)

193-page book (1968) by Michael Saphier presents space planning and the design effort in the logical sequence of an actual project. How-tos included are: how to analyze the space required by your client; obtain this space; set up a new building program; prepare a space study; budget a program, and set up a design presentation. $27/$29.95.

*The Old House Catalog (3M299)

Compiled by Lawrence Grow, this 240-page book ends the difficult chore of finding old materials and objects, or places that fashion reproductions. Listed under one cover are 2,500 products, services and suppliers for restoring, decorating and furnishing period houses from early American to 1930's modern. Paperback, $7.25/$7.95.

*Open Office Planning: A Handbook for Interior Designers and Architects (3M388)

By John Pile, this 208-page handbook (1978) presents a systematic approach that requires use of specific methodology in organizing the physical layout of an open office with the primary purpose of facilitating communication among the staff. $15.25/$16.95.

*Opportunities in Architecture Today (3M112A)


*The Opulent Eye: Late Victorian and Edwardian Taste in Interior Design (3M339)

In this 258-page source-book (1976), Nicholas Cooper traces the changes in English and American taste in the ways...
of furnishing interiors during the years of 1890-1914. $22.50/$25.


*Painted Ladies: San Francisco's Newly Repainted Victorians (3M409) An 80-page pictorial survey (1978) by Morley Baer and others, tracing the history of San Francisco’s 16,000 Victorian houses built between 1850 and 1915. Many have recently been repainted in the original bright colors, and are presented in the 133 full color photographs. Paperback, $10/$10.95.

*Passive Solar Energy Book: Expanded Professional Edition (3M399) This comprehensive, 548-page book (1979) by Edward Mazria contains information that will be invaluable to the serious solar designer. Included are: 27 rules of thumb for choosing a solar system; 13 exclusive appendices containing a precise set of tools for predicting a building’s performance; five transparent sun charts locating the sun’s position at any time, during any month, for most U.S. and Canadian locations; computerized analysis of solar heat, specific gravity and thermal conductivity of 160 solids and liquids. Illustrated. $22.50/$24.95.

*Planning and Design of Airports (3M189) 460-page book (1975) by Robert Horonjeff, which takes into account all requirements an airport designer must meet. Includes a summary of the provisions of the Airport and Airway Development Act of 1970. $33.75/$37.50.

*Planning the New Office: From Feasibility Study to Move-in for Managers and Planners (3M390) This reference (1978) by Michael Saphier provides a comprehensive overview of the total effort involved in creating a new office. The role of each specialist concerned with office planning projects is described, with concise details of responsibilities, coordination and control. To ensure every step is fulfilled, there is a complete action checklist of everything that may be necessary during the planning process. $19.50/$21.50.

*Planning the Office Landscape (3M331) Alvin E. Palmer and M. Susan Lewis describe, in this 188-page book (1977), the theoretical aspects of office landscaping and its practical applications from the planning stage through final installation. $19.50/$21.50.

*The Poverty of Power: Energy and the Economic Crisis (3M140P) 314-page book (1976) by Barry Commoner which gives a good background on the economics of energy and natural resources. Paperback, $2.50/$2.75.
*The Prairie School Tradition: The Prairie Archives of the Milwaukee Art Center (3M417)
Edited by Brian A. Spencer, AIA, this 304-page book (1979) documents the roots, growth and legacy of the Prairie school and its impact on American architecture. Based on an exhibition organized by the newly constituted Prairie Archives of the Milwaukee Art Center, it represents Frank Lloyd Wright, Adler & Sullivan, Walter Burley Griffin, Marion Mahoney and many others. Illustrated. $27/$30.

*Professional Construction Management and Project Administration (3M121)

*Primitive Architecture (3M318)

*Problem Seeking: An Architectural Programming Primer (3M277)
Written by William Peña, FAIA, this 202-page book (1977) offers a clear, comprehensive definition of design methodology and process. Tells how to evaluate the programming package, decide on new automated techniques, draw analysis cards and brown sheets and how to conduct interviews and work sessions. Includes case studies, a matrix checklist of key words and a glossary. $14.50/$15.95.

*Public Relations for the Design Professional (3M455)
278-page book (1979) by Gerre Jones, Hon. AIA, explores the tools and techniques for planning, researching, implementing and evaluating an effective public relations program that fits the needs of the design profession. Proven how-to's are given on: budgets, exhibits, television, seminars, effective writing for press releases and more. $19.59/$21.50.

*Pyramid (3M282)
80-page text (1975) by David Macaulay follows the intricate step-by-step process of the building of an ancient Egyptian pyramid and the complex of surrounding temples and tombs. $10.75/$11.95.

*Recycling Buildings (3M265)
Lavishly illustrated 224-page (1976) collection edited by Elisabeth K. Thompson, FAIA, of the most successful examples of recycled buildings will appeal to ecologists, preservationists and most of
all to architects, who will find a wealth of imaginative and innovative design ideas. $25.25/$27.95.

*Recycling Cities for People: The Urban Process (3M227)
224-page book (1976) by Laurence Cutler, AIA, and Sherrie Cutler, AIA, offers practical, tested methods for solving urban problems. Topics include balancing old and new developments, efficient use of downtown areas, maximizing benefits of urban highways. $22.50/$25.

*Reliance Building Jigsaw Puzzle (4M230)
400-piece jigsaw puzzle features D. H. Burnham’s Reliance Building. One of two in a series titled “Architectural Heritage of Chicago,” puzzle is done in sepia from a Hedrich-Blessing photograph. Full history of the structure is on back of box. Completed size is 123/4 x 19 inches. All sales final. $7.

*Religious Buildings (3M452)
160-page survey (1979), from the editors of Architectural Record magazine, features religious buildings constructed during the past decade. Focusing on the many unique problems of designing for religious use, the articles contain numerous photographs, drawings and plans. The building rationale behind each structure is included. $22.50/$24.95.

*Renaissance Architecture (3M122)

*The Restoration Manual (3M115)
181-page book (1966) by Orin M. Bullock Jr., FAIA, on how to “read” older structures in order to preserve and reconstruct them in a manner compatible with their original design and construction. $12.75/$13.95.

*Robie House Jigsaw Puzzle (4M231)
Frank Lloyd Wright’s landmark, the second in “Architectural Heritage of Chicago” series of puzzles is in sepia, from a Hedrich-Blessing photograph. History and importance of the house outlined on back of box. Completed size: 123/4 x 19 inches. All sales final. $7.

*Roman Architecture (3M286)

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(913) 357-5308

Wichita
City Blueprint Inc.
1200 E. Waterman 67201
(316) 265-6224

*Kentucky
Lexington
Lynn Blue Print & Supply Co.
327 E. Vine St. 40507
(606) 255-1021

Louisville
Central Kentucky Chapter
c/o Becky Biesel
2239 Milvale Road 40205
(502) 459-4441
St. Matthews Blueprint & Supply Co.
131 St. Matthews Ave. 40207
(502) 895-2467

*Louisiana
Baton Rouge
Louisiana Architects Association
830-A North St. 70802
(504) 387-5579

Maryland
Baltimore
Building Congress and Exchange
2301 N. Charles St. 21218
(301) 235-4161
Lucas Brothers Inc.
7700 Port Capital Drive 21227
(301) 685-3000

*Massachusetts
Boston
Boston Blueprint Co., Inc.
777 Boylston St. 02116
(617) 267-2490

Boston Society of Architects
320 Newbury St. 02115
(617) 267-5175

Hobbs & Warren Inc.
80 Summer St. 02101
(617) 542-7947

Andrew T. Johnson Co.
15 Tremont Place 02108
(617) 742-1610

B. L. Makepeace Inc.
1266 Boylston St. 02215
(617) 267-2700

Woburn
Charrette Corporation
31 Olympia Ave. 01801
(617) 935-6121

*Michigan
Detroit
Michigan Society of Architects
553 E. Jefferson Ave. 48226
(313) 965-4100

Grand Rapids
Bixby Office Supply Co.
357 36th St. S.E. 49508
(616) 452-3213

*Minnesota
St. Paul
Architectural Book Center/MSA
402 NorthwesternSkyway Building 55101
(612) 227-0761

*Mississippi
Jackson
Mississippi Chapter
P.O. Box 12515 39211
(601) 981-9327

Missouri
Kansas City
Kansas City Chapter
20 W. Ninth St. 64105
(816) 221-3485
St. Louis
St. Louis Chapter
919 Olive St. 63101
(314) 621-3484

*Montana
Billings
Montana Chapter
P.O. Box 20996 59104
(406) 259-7300

Nebraska
Omaha
Nebraska Society of Architects
1910 S. 44th St. 68105
(402) 556-8506
Standard Blue Print Co.
10011 J St. 68127
(402) 592-5900

Nevada
Las Vegas
Construction Notebook
3599 S. Polaris 89103
(702) 876-8660
Reno
Northern Nevada Chapter
Document Service
c/o Raymond Hellman, AIA
137 Vassar St., Suite 8 89502
(702) 329-7049

New Hampshire
Concord
New Hampshire Chapter
43 S. State St. 03301
(603) 228-1231

*New Jersey
Camden
Allen Reproduction Co.
800 Market St. 08102
(609) 365-5787
Woodbridge
New Jersey Society of Architects
One Thousand Route Nine 07095
(201) 636-5680

*New Mexico
Albuquerque
New Mexico Society of Architects
67 First Plaza/Galleria 87102
(505) 842-9744

*New York
Albany
Eastern New York Chapter
13 Northern Boulevard 12210
(518) 465-3191

New York
New York Chapter
457 Madison Ave. 10022
(212) 838-9670
Old Westbury
Long Island Chapter
c/o ASC/AIA
New York Institute of Technology
Wheatley Road 11568
(516) 249-7370
Rochester
Rochester Chapter
130 Spring St., Second Floor 14608
(716) 232-7650

*North Carolina
Charlotte
Pound & Moore
304 S. Tryon St. 28201
(704) 375-7751
Southern Photo Print Supply Co.
201 Rampart St. 28200
(704) 332-2154
Durham
Southern Photo Print Supply Co.
115 E. Parrish 27701
(919) 682-5098
Fayetteville
Southern Photo Print Supply Co.
314 E. Russell St. 28301
(919) 483-4909
Greensboro
Southern Photo Print Supply Co.
1639 Spring Garden St. 27402
(919) 274-1541
High Point
Southern Photo Print Supply Co.
340 N. Wrenn St. 27260
(919) 882-3127
Raleigh
North Carolina Chapter
115 W. Morgan St. 27601
(919) 833-6656
Raleigh Blue Printers
213 W. Martin St. 27601
(919) 832-2841
Wilmington
Southern Photo Print Supply Co.
2383 N. Wright Street 28401
(919) 762-9617

North Dakota
Fargo
Mathissons
1213 Northern Pacific Ave. 58102
(701) 232-8971

Ohio
Cincinnati
Cincinnati Chapter
602 Main St., Suite 1114 45202
(513) 421-2657
Cleveland
City Blueprinting Co.
1937 Prospect Ave. 44115
(216) 241-7344

Columbus
Architects Society of Ohio
37 W. Broad St. 43215
(614) 221-6887
Dayton
Dayton Blueprint Co.
222 N. Saint Clair St. 45402
(513) 223-2272
Toledo
Toledo Blueprint and Paper Co.
617 Adams St. 43604
(419) 243-7224

*Oregon
Portland
Portland Chapter
519 S.W. Third Ave. 97204
(503) 223-8757
Stevens-Ness Law Publishing
916 S.W. Fourth Ave. 97204
(503) 223-3139

*Pennsylvania
Harrisburg
Harrisburg Blueprint
204 Locust St. 17101
(717) 232-3096
Pennsylvania Society of Architects
P.O. Box N 17105
(717) 236-4055
Philadelphia
Philadelphia Chapter
117 S. 17th St. 19103
(215) 569-3186
Pittsburgh
Pittsburgh Chapter
1612 Benedum-Trees Building 15222
(412) 471-9548
Scranton
Reynolds Brothers Inc.
138 N. Washington Ave. 18503
(717) 342-8205
Williamsport
Plankenhorn Stationery Co.
144 W. Fourth St. 17701
(717) 326-2676

*Rhode Island
Providence
Rhode Island Chapter
55 Canal St. 02903
(401) 272-6418
South Carolina
Charleston
Charleston Blueprint & Supply
284 E. Bay St. 29402
(803) 722-1617

Columbia
Capital Blueprint Co.
2730 Millwood Ave. 29205
(803) 254-2561

Florence
Pee Dee Blueprint Co.
484 W. Palmetto St. 29501
(803) 669-5341

Greenville
Piedmont Printmakers & Supply
353 W. McBee Ave. 29602
(803) 233-5371

South Dakota
Rapid City
Rapid City Builders and Exchange
907 Jackson Boulevard 57701
(605) 343-5252

Sioux Falls
Mathisons
115 S. Indiana 57701
(605) 232-8971

South Dakota Society of Architects
2204 S. Holly Ave. 57105
(605) 338-2073

*Tennessee
Knoxville
Knoxville Blueprint & Supply Co.
622 Leroy Ave. 37921
(615) 525-0463

Memphis
Builders Exchange of Memphis
642 S. Cooper St. 38104
(901) 272-7495

Nashville
Nashville Blueprint & Supply
908 Division St. 37203
(615) 259-2230

Tennessee Society of Architects
517 Union St. 37219
(615) 256-2311

*Texas
Austin
Texas Society of Architects
2121 Austin National Bank Building 78701
(512) 478-7386

Dallas
Dallas Chapter
2800 Routh, Suite 141 75201
(214) 748-4264

Houston
Houston Chapter
3121 Buffalo Speedway
Suite 404 77098
(713) 629-0191

Ridgway’s
4102 Greenbriar 77098
(713) 782-8580

San Antonio
San Antonio Chapter
306 N. Presa, Suite 8 78205
(512) 226-4979

Paul E. Anderson Co.
3485 Fredericksburg Road 78201
(512) 743-8111

*Utah
Salt Lake City
Utah Society of Architects
555 E. South Temple 84102
(801) 338-2073

Vermont
Charlotte
New England Book Service 05445
(802) 425-2461

Virginia
Charlottesville
Mint Printing & Supply Co.
311 Vz Occidental Ave. S. 98104
(804) 622-4938

Richmond
R. R. Sharpless Co., Inc.
7 E. Cary St. 23220
(804) 643-8491

Virginia Reproduction & Supply
9 W. Cary St. 23220
(804) 643-9116

*Washington
Seattle
Seattle Chapter
311½ Occidental Ave. S. 98104
(206) 622-4938

Spokane
J. A. Gendron Co.
1012 N. Washington 99201
(509) 326-4490

West Virginia
Huntington
Trasco
826 Sixth Ave. 25701
(304) 529-1388

South Charleston
West Virginia Society of Architects
1016 Knob Way 25309
(304) 768-6675

*Wisconsin
Madison
Wisconsin Society of Architects
615 E. Washington Ave. 53703
(608) 257-8477
The producers of products, systems, materials and supplies offer various resources, including publications, slide shows, films and design and layout services. Items are free unless a price is indicated. This list was put together from responses received from supplier firms. The contents, in edited form, are solely the suppliers'; inclusion here is neither an endorsement nor a commentary on the substance of the resources. The list is organized according to the Uniform Construction Index in 16 categories of product areas.

UCI 1: General Requirements

AM Bruning
“Copiers for Architect’s Drawings” describes complete range of whiteprinters in all three diazo processes: PD, Ammonia and Copypex. Also available are “Sensitized Materials for Architect’s Copiers” and “Drawing Media.”

Contact Advertising Manager, AM Bruning, 1834 Walden Office Square, Schaumburg, Ill. 60196.

American-Standard
Offers plumbing fixture elevation templates, $1.50, and metric scale plumbing fixtures templates, $2.

Contact American-Standard, P.O. Box 230, New Brunswick, N.J. 08903.

Charrette
258-page catalog describes office materials, equipment and furniture for the architect and professional design office.

Contact Charrette, 21 Olympia Ave., Woburn, Mass. 01801.

Home-Tech Publications
“Restoration and Renovation Cost Estimator” (4th ed.) is a labor and materials cost manual for restoration, renovation and repair of residential properties. A local area cost modification index and item-by-item quarterly updates are included. $28.80.


Kreonite, Inc.
Brochure available on the company’s photographic and graphic arts laboratory systems and equipment. Also offered is a laboratory design service.

Contact Kreonite, Inc., 715 E. 10th St., P.O. Bag 2009, Wichita, Kan. 67201.

Kroy Industries Inc.
Design products for architects, engineers, draftsmen and graphic artists, such as the company’s line of electric erasers, lead sharpeners and Appli-K transfer film, are described in brochure. Literature is also available on all KroyType lettering machines.

Contact Jane Brown, Communications Specialist, Kroy Industries Inc., 1728 Gervais Ave., P.O. Box 43716, St. Paul, Minn. 55164.

Talk-A-Phone Co.
Brochures describe the company’s line of intercoms for office, industry, home and apartment.

Contact Talk-A-Phone Co., 5013 N. Kedzie Ave., Chicago, Ill. 60625.

Victor O. Schinnerer & Co., Inc.
Brochures describe special features of the CNA professional liability insurance program for architects and engineers and the project policy insurance program. Also available is subscription information for “Guidelines For Improving Practice,” a series of loss prevention articles for design professionals, and information on professional liability seminars.


UCI 2: Site Work

Continental Custom Bridge Co.
Brochure describes prefab, steel bridges, stairs and landings.

Contact Continental Custom Bridge Co., Route 5, Box 178, Alexandria, Minn. 56308.

Conwed Corporation
Will supply literature on Hydro Mulch fibers, a turf establishment method for commercial and industrial construction projects. Information is also available on how plastic netting aids in erosion control.

Contact Sheila A. Katusky, Advertising Department, Conwed Corporation, P.O. Box 43237, St. Paul, Minn. 55164.

Neenah Foundry Co.
“Cast Iron Tree Grates” is a catalog detailing over 65 types/sizes of grates that allow water to reach roots in paved areas, plus five guard designs.

Contact J. M. Meyer, Marketing Service Manager, Neenah Foundry Co., P.O. Box 729, 2121 Brooks Ave., Neenah, Wis. 54956.

UCI 3: Concrete

Bomanite Corporation
“The Best Impression You Can Make in Concrete” describes the company’s colored and imprinted concrete. The “Bomanite Creative Concrete Kit” includes color chart and transparent overlay of available patterns. Bomancon textured concrete is described in a brochure. Also available is a brochure describing Grasscrete, reinforced concrete paving with holes in which grass grows.

Contact Bomanite Corporation, 81 Encina Ave., Palo Alto, Calif. 94301.

Concrete Reenforcing Steel Institute
Offers the 4th edition of the 850-page CRSI Handbook, $29, the 256-page CRSI Reinforced Concrete Fire Resistance, $19.50 and the Structural Design Guide to ACI Building Code, $24.95. The CRSI direct mail list provides case history reports, PSI reports and the Design Award Winners Brochure. Also available on loan are two slide shows for in-house training programs and for students. One is a visual tour through a reinforcing steel mill and fabricating shop and the other is a collection of architectural concepts illustrated by previous design award winners.

Contact Victor A. Walther Jr., Vice President, Marketing and Promotion, Concrete Reinforcing Steel Institute, 180 N. La Salle St., Chicago, Ill. 60601.

Harding & Cogswell Corporation
Offers literature packets describing the firm’s line of limestone wall panels.

Contact Harding & Cogswell Corporation, P.O. Box 714, Bedford, Ind. 47421.

Perlite Institute Inc.
12-page catalog contains technical data and guide specifications for Perlite insulating concrete roof deck constructions. Includes information on physical properties, roof deck system thermal values, fire ratings, roof drainage and architectural details.

Contact Perlite Institute Inc., 45 W. 45th St., New York, N.Y. 10036.

Riverside Cement Co.
Design manual includes individual brochures on cast-in-place, precast, masonry, surface bonding, stucco, terrazzo and swimming pools with specifications.

Contact Jim Bower, Riverside Cement Co., P.O. Box 832, Riverside, Calif. 92502.

Simpson Timber Co.
Brochure shows the company’s line of reuse concrete form panels.

Contact Dean Matthews, Simpson Timber Co., 900 4th Ave., Seattle, Wash. 98164.
Symons Corporation
Two brochures are available: “Architectural Form Liners and Concrete Forming Systems” illustrates possible applications. “Pile Restoration and Preservation System” describes the system’s capability of restoring the structural integrity of seriously damaged wood, steel or concrete piling.
Contact George A. Rutkowski, Publicity/Promotion Administrator, Symons Corporation, 200 E. Touhy Ave., Des Plaines, Ill. 60018.

Thoro System Products
Will provide its orange binder, which is a catalog of the entire Thoro System line of waterproofing products for masonry and concrete. Additional service available is a two-day miniclinic with “hands-on” experience at Centerville, Ind., Bristol, Pa., and Newark, Calif.
Contact Frank E. Fiske, Manager, Marketing Communications, Thoro System Products, 7800 N.W. 38th St., Miami, Fla. 33166.

Youngstown Design Center
Catalog explains total precast concrete building systems for warehouse-industrial buildings and parking structures.
Contact Youngstown Design Center, 435 Main Street, Youngstown, N.Y. 14174.

UCI 4: Masonry
Acme Brick Co.
Nine continuing education programs are available for presentation: masonry specifications review, ASTM masonry specifications review, architectural options, development of engineered brick masonry, workmanship, differential movement, a critical comparison, matching brick on existing buildings and prefabricated brick masonry—Sarabond Mortar. In addition, three publications are offered: “Architectural Options,” “Special Shapes” and “Double Wall Brochure.”
Contact Fayette Ellis, Manager, Marketing Communications, Acme Brick Co., Box 425, Fort Worth, Tex. 76101.

Brick Institute of America
Provides a series of publications containing technical, design and engineering information on the construction of brick masonry buildings. Information is also available on energy conservation, including passive solar design and detailed calculations, worksheets and the effects of mass. Other publications cover architectural and structural design, fire resistance, sound control, guide specifications and reprints of appropriate ASTM standards. A catalog lists the institute's literature and aids.
Contact Charles N. Farley, Director of Marketing, Brick Institute of America, 1750 Old Meadow Road, McLean, Va. 22102.

Buckingham-Virginia Slate Corporation
Offers catalog and samples of the company’s roofing slate, slate flooring and flaggings and other structural slates.
Contact Al Saunders, Buckingham-Virginia Slate Corporation, 4110 Fitzhugh Ave., Richmond, Va. 23230.

Burns & Russell Co.
Offers a comprehensive color booklet featuring Spectra Glaze, prefaced glazed concrete block walls. Also available are a spec-data sheet that contains test reports for ASTM federal specifications and a 12-minute LaBelle cassette presenting facts on masonry walls.
Contact John McDonald, Marketing Director, Burns & Russell Co., P.O. Box 6063, Baltimore, Md. 21231.

International Masonry Institute
Offers booklets, films and slide shows on masonry design characteristics, energy conservation capabilities of masonry, load-bearing masonry design and fire protection. Some booklets, films and slide shows are specifically for use in architectural schools. The Institute can also provide contact with more than 75 local/regional masonry institutes throughout the U.S. and Canada, some of which have comparative cost information for their areas.
Contact International Masonry Institute, Suite 1001, 823 15th St. N.W., Washington, D.C. 20005.

Stark Ceramics, Inc.
The technical guide for structural facing tile provides details on structural tile sizes, bonding patterns, color reflectivity, fire, heat and acoustic tables, wall constructions and estimated procedures. The firm will also provide an 18-minute slide and tape presentation.
Contact C. J. Deimling, Stark Ceramics, Inc., P.O. Box 8880, Canton, Ohio 44711.

Stucco Stone Products, Inc.
Will supply brochures containing information and color photographs on a complete line of manufactured stone veneers.
Contact Phil Meredith, Marketing Manager, Stucco Stone Products, Inc., P.O. Box 237, Napa, Calif. 94558.
UCI 5: Metals

Alcan Building Products
Two brochures describe and give specifications for Alcan’s singlehung and gliders tilt windows designed for southern and for northern states. Other brochures show the company’s insulating aluminum doors, storm doors, awning windows and aluminum siding.
Contact Alcan Building Products, P.O. Box 1234, Department R., Youngstown, Ohio 44501.

Armclo
Brochures available on Aluminized Steel Type 2 and on the firm’s Zingclop Steels.
Contact Carl Butts, Manager, Coated Products Sales, Armclo, Middletown, Ohio 45043.

Copperweld Tubing Group
Brochure contains information on size ranges and technical specifications for the firm’s Copperweld cold formed, electric welded structural tubing. Included are manufacturing processes, testing and inspection procedures, mechanical properties and tolerances.
Contact Margaret Kennedy, Supervisor/Communications, Copperweld Tubing Group, 2 Robinson Plaza, Route 60, Box 60, Pittsburgh, Pa. 15230.

Epic Metals Corporation
"Epicore Composite Floor Systems” covers the use of Epicore composite deck in commercial and industrial projects requiring relatively short spans and heavy loading. Also available are brochures on the use of Epicore composite deck with precast beams, poured-in-place concrete beams and the patented Epicore Slab beam; on the use of Epicore composite deck in structures designed with long spans and residential loading; depicting a deck selection chart and technical tables, and on Epic pre-engineered buildings.
Contact Epic Metals Corporation, 11 Talbot Ave., Rankin, Pa. 15104.

Follansbee Steel Corporation
Specifications and data manuals, application guides and review of design plans by the firm’s engineering department on the firm’s products, T.C.S. and Terne metal, are offered.
Contact Follansbee Steel Corporation, 1133 Terminal Tower, Cleveland, Ohio 44113.

Fry Reglet Corporation
Offers three brochures covering their complete product line: Plaster and Drywall Moldings, Drapery Pockets and Moldings and Roof Flashings and Reglets.
Contact Robert P. Reed, President, Fry Reglet Corporation, 625 S. Palm Ave., Altambra, Calif., 91803.

Guard Nut Inc.
Four-page brochure describes tamper-resistant fasteners and removal tools.
Contact Guard Nut Inc., P.O. Drawer 299, Sonoma, Calif. 95476.

Harry Lunstead Designs, Inc.
Brochure includes samples and technical information on the company’s etched metal laminates. Regional factory representatives will present a color slide show on etched metal manufacturing and installations.
Contact John Kennell, Harry Lunstead Designs, Inc., 8655 S. 208 St., Kent, Wash. 98031.

Metal Lath/Steel Framing Association
Illustrated 24-page manual on specifications, applications and descriptions of the versatility of steel framing systems.
Contact Metal Lath/Steel Framing Association, 221 N. LaSalle St., Suite 2026, Chicago, Ill. 60601.

Neenah Foundry Co.
320-page construction castings catalog shows manhole covers andadjusters, catch basins and curb inlets, bridge and trench drains, miscellaneous grates, sewerage collection castings.
Contact J. M. Meyer, Marketing Service Manager, Neenah Foundry Co., P.O. Box 729, 2121 Brooks Ave., Neenah, Wis. 54956.

PPG Industries, Inc.
12-page illustrated booklet gives performance and appearance characteristics of the firm’s complete line of entrance, storefront and curtain wall systems.
Contact PPG Industries, 10 North, Gateway Center, Pittsburgh, Pa. 15222.

Steel Deck Institute
Criteria for composite floor construction are available in the Design Manual for Floor Decks and Roof Decks. Floor deck material includes design recommendations, illustrations of typical assemblies and a design example to explain the procedure for choosing the right product for a given application.
Contact Steel Deck Institute, P.O. Box 3812, St. Louis, Mo. 63122.

United McGill Corporation
United Sheet Metal Division
Monthly series of Engineering Bulletins details the results of tests and studies relevant to performance and design of HVAC duct systems including the topics of exposed ducts, noise controls, dual duct systems and high and low level air distribution.
Contact Bowman Turner, Chief Engineer, United McGill Corporation, United Sheet Metal Division, 200 E. Broadway, Westerville, Ohio 43081.

UCI 6: Wood and Plastics

American Plywood Association
Contact Maryann Ezell, Public Relations, American Plywood Association, P.O. Box 11700, Tacoma, Wash. 98411.

California Redwood Association
Offers four guides: a plywood guide, a landscape guide and interior and exterior guides. Each brochure provides information on wood patterns, grades, grains and finishes.
Contact Herman Glover, Director, Field Services Division, American Plywood Association, P.O. Box 11700, Tacoma, Wash. 98411.

E. I. du Pont de Nemours & Co.
A 12-page brochure describes the uses and performance of Lucite L cast acrylic sheet and Lucite SAR Super Abrasion Resistant sheet products in building construction. Included is information on specification write-up, code and specification compliance and tips on care and handling.
Contact Public Affairs Department, E. I. du Pont de Nemours & Co., WT-702, Room 37574PA, Wilmington, Del. 19898.

continued on page 142
The Denver National Bank Plaza is a beautiful example of the use of Alcoa® architectural sheet in a major curtain-wall project. An office complex consisting of a 26-story tower and two adjacent buildings, it was designed to meet the Denver Urban Renewal Authority exterior facade specifications. Alcoa supplied approximately 400,000 lbs of specially controlled 5005 alloy sheet to PPG Industries for fabrication and finishing of the spandrel panels. The pleasing natural aluminum finish is Alumilite 215, Alcoa 1 etched and anodized (AA-M10C22), providing a long lasting, corrosion resistant protective coating.

Bill Manning, PPG Branch Manager, sums up Alcoa’s contribution to the project: “The Denver National Bank Plaza is typical of the quality and service we continually receive from Alcoa. From the supplying of high quality aluminum sheet to the furnishing of fine technical information and service, Alcoa plays an important part in our success in this field.”

Let Alcoa help you on your next curtain-wall application. For more information, write Aluminum Company of America, 1207 Alcoa Building, Pittsburgh, PA 15219.
Forms + Surfaces
Brochures describe Sculpturewood, Panelcarve and Tambour/Bonded Hardwood wall panels.
Contact Jan Winter, Director of Communications, Forms + Surfaces, Box 5215, Santa Barbara, Calif. 93108.

Koppers Co., Inc.
“Laminated Wood Structures” describes uses, types and applications for laminated wood systems. “Koppers Pressure Treatments Help Wood Serve You Longer” outlines the types of pressure treatments, recommended uses, advantages and limitations to assist in selecting treated wood for a building project.
Contact Koppers Co., Inc., Forest Products Group, 1900 Koppers Building, Pittsburgh, Pa. 15219.

Louisiana-Pacific
Color catalog describes wood building products, including L-P Redex phenolic particleboard construction panels and L-P Waferwood structural panels. In addition, individual specification sheets, installation information and physical samples are available on various lumber, panel and millwork products.
Contact Louisiana-Pacific Corporation, 1300 S.W. Fifth Ave., Portland, Ore. 97201.

Monitor Products
Literature features both the technical and design aspects of the company’s plastic laminate line.
Contact George Unteseher, National Sales Manager, Monitor Products, 3000 S. Alaska, Tacoma, Wash. 98409.

Pep ply
Offers a brochure covering descriptive and technical information for Pep ply Western Red Cedar Exterior 303 Plywood Siding.
Contact Pep ply, 439 Marine Drive, Port Angeles, Wash. 98362.

PPG Industries
“Use Solar Daylight and Heat” is a 20-page illustrated brochure based on government and professional studies contending that direct solar daylight and heat transmitted through high-performance glass windows can save electric energy and conserve the nation’s fossil fuels. In addition, a new booklet describes tempered safety glass doors and frames. The firm has also developed a computer-based system to recommend glass type, thickness, size and strength to meet architectural specifications. Energy and cost analyses related to use of solar daylight and heat can be prepared.
Contact Public Relations Department, PPG Industries, Inc., One Gateway Center, Pittsburgh, Pa. 15222.

Ralph Wilson Plastics Co.
The 1980 collection of 108 Wilsonart brand decorative laminates is described in a 12-page booklet. Also available are booklets describing the 1980 design group 1 collection of solid color decorative laminates; Tuf-Surf decorative laminates; eight kitchen and four bath designs for 1980, and the 1980 collection of metallic laminates for commercial or residential applications. An audiovisual presentation introducing the firm’s products is available.
Contact Ed Duncan, Market Planning Assistant, Ralph Wilson Plastics Co., 600 General Bruce Drive, Temple, Tex. 76501.

Red Cedar Shingle & Handsplit Shake Bureau
Presents an eight-page brochure, “Red Cedar Shingles & Shakes,” depicting the textures and patterns available with shingles and shakes. Several examples are shown.
Contact Red Cedar Shingle & Handsplit Shake Bureau, Suite 275, 515 116th Ave. N.E., Bellevue, Wash. 98004.

Shake and Shingle Panels, Inc.
Offers literature on preassembled, eight-foot red cedar roofing (SR-11) and siding (SNW-8) panels.
Contact O. Steven Martin, General Manager, Shake and Shingle Panels, Inc., 980 S. Fifth St., San Jose, Calif. 95112.

Shakertown Corporation
Offers a full-color 12-page catalog on cedar siding and roofing panels. Also available is literature on Mansards, single family homes and Fancy Cuts decorative shingles.
Contact Ed Stanton, National Sales Manager, Shakertown Corporation, 1200 Kerron Ave., Winlock, Wash. 98596.

Simpson Timber Co.
Eight-page Ruf-Sawn Redwood brochure illustrates the variety of form and function attainable with redwood plywood. Also offered is a Stucco 316 brochure which features applications of the product. Material descriptions are included.
Contact Dean Matthews, Simpson Timber Co., 900 4th Ave., Seattle, Wash. 98164.

TheWoodBook
The 1980 WoodBook provides 400 pages of information on the industry’s leading associations and manufacturers. It includes information on wood products, recommendations for subfloor and underlayment, specifications for all wood products, recommendations for construction systems and finishes for wood surfaces.

Forms + Surfaces
Brochures describe Sculpturewood, Panelcarve and Tambour/Bonded Hardwood wall panels.
Contact Jan Winter, Director of Communications, Forms + Surfaces, Box 5215, Santa Barbara, Calif. 93108.

Koppers Co., Inc.
“Laminated Wood Structures” describes uses, types and applications for laminated wood systems. “Koppers Pressure Treatments Help Wood Serve You Longer” outlines the types of pressure treatments, recommended uses, advantages and limitations to assist in selecting treated wood for a building project.
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Pep ply
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Contact Public Relations Department, PPG Industries, Inc., One Gateway Center, Pittsburgh, Pa. 15222.

Ralph Wilson Plastics Co.
The 1980 collection of 108 Wilsonart brand decorative laminates is described in a 12-page booklet. Also available are booklets describing the 1980 design group 1 collection of solid color decorative laminates; Tuf-Surf decorative laminates; eight kitchen and four bath designs for 1980, and the 1980 collection of metallic laminates for commercial or residential applications. An audiovisual presentation introducing the firm’s products is available.
Contact Ed Duncan, Market Planning Assistant, Ralph Wilson Plastics Co., 600 General Bruce Drive, Temple, Tex. 76501.

Red Cedar Shingle & Handsplit Shake Bureau
Presents an eight-page brochure, “Red Cedar Shingles & Shakes,” depicting the textures and patterns available with shingles and shakes. Several examples are shown.
Contact Red Cedar Shingle & Handsplit Shake Bureau, Suite 275, 515 116th Ave. N.E., Bellevue, Wash. 98004.

Shake and Shingle Panels, Inc.
Offers literature on preassembled, eight-foot red cedar roofing (SR-11) and siding (SNW-8) panels.
Contact O. Steven Martin, General Manager, Shake and Shingle Panels, Inc., 980 S. Fifth St., San Jose, Calif. 95112.

Shakertown Corporation
Offers a full-color 12-page catalog on cedar siding and roofing panels. Also available is literature on Mansards, single family homes and Fancy Cuts decorative shingles.
Contact Ed Stanton, National Sales Manager, Shakertown Corporation, 1200 Kerron Ave., Winlock, Wash. 98596.

Simpson Timber Co.
Eight-page Ruf-Sawn Redwood brochure illustrates the variety of form and function attainable with redwood plywood. Also offered is a Stucco 316 brochure which features applications of the product. Material descriptions are included.
Contact Dean Matthews, Simpson Timber Co., 900 4th Ave., Seattle, Wash. 98164.

TheWoodBook
The 1980 WoodBook provides 400 pages of information on the industry’s leading associations and manufacturers. It includes information on wood products, recommendations for subfloor and underlayment, specifications for all wood products, recommendations for construction systems and finishes for wood surfaces.

Trus Joist Corporation
Design manual and brochures are available describing the firm’s structural roof and floor systems.
Contact Pete Kowalchuk, Trus Joist Corporation, P.O. Box 60, Boise, Idaho 83707.

Western Wood Products Association
Offers the revised second edition of the “Western Wood Use Book,” a sourcebook with more than 300 pages of text, illustrations, examples, photographs, design tables, loads and deflections for joists and beams. $20. Also available is the product use manual which contains lumber sizes, grades and design values, floor and ceiling joist span tables and decking spans.
Contact Shar Escudero, Western Wood Products Association, Yeon Building, Portland, Ore. 97204.

Weyerhaeuser Co.
Three catalogs on siding and paneling are offered: “Hardboard Siding” features lap and panel hardboard siding in four surface textures, primed or prefinished; “Prefinished Siding Panel 15” shows uses, specifications and construction details of the aluminum overlaid plywood panel; “Paneling” gives product specifications and includes photographs of Weyerhaeuser’s designer wall paneling.
Contact Weyerhaeuser Co., Tacoma, Wash. 98401.

Willamette Industries, Inc.
Offers information on Duraflake FR Class 1 fire rated particleboard corestock.
Contact Duraflake Division, Willamette Industries, Inc., P.O. Box 428, Albany, Ore. 97321.

Wood Specialty Products
Catalog features accordian style folding wood doors and room dividers for commercial, institutional and residential use. Detailed drawings on standard all-wood nonparticle board doors and custom capabilities are also featured. A color film strip is available.
Contact Mike Garrett, National Sales Manager, Wood Specialty Products, continued on page 144
PenPly exterior cedar pays dividends by the hour.

PenPly Western Red Cedar Exterior Plywood 303 Siding gives you the real economy of reduced labor costs—while you retain the quality and appeal of cedar siding.

For example, the house pictured here requires only 120 PenPly panels and takes about 91 manhours to cover. Compare that with the 169 manhours it could take to cover an equal area with a piecework siding. That's time, not to mention money, you can't afford to waste.

Buyers also appreciate cedar for its even grain, warm tones, weather resistance and freedom from maintenance. That's why you can afford to step up to cedar and realize a much greater profit when the home is sold.

In order to show you the design and profit possibilities of cedar, PenPly, the leading producer of quality cedar siding, has published a free brochure. It contains floor plans to this house, design details and facts.

For more information, contact your wood products distributor, or see Sweet's General Building and Light Residential Files under Siding/Cladding Section (7.6 Pen).
UCI 7: Thermal & Moisture Protection

American Air Filter Co., Inc.
Offers brochure describing EnerCon systems for commercial buildings. The system reclaim waste, recycled and stored energy for heating or cooling.
Contact American Air Filter Co., Inc., 125 Roberts Road, Waltham, Mass. 02254.

Armco Building Systems
Three brochures describe Armco energy-efficient roof and wall systems.
Contact Armco Building Systems, Box 800, Department B-4180, Middletown, Ohio 45043.

Celotex Corporation
Literature describes Celot-Glass IV Ply Sheet Membrane System, both smooth and gravel surface. Also available is the 1980 Celotex Roof Insulations Wets Catalog.
Contact Joanne Cardoso, Communications Specialist, Celotex Corporation, P.O. Box 22602, Tampa, Fla. 33622.

Chevron U.S.A. Inc.
Brochure describes Chevron Industrial Membrane, a petroleum hydrocarbon-urethane elastomer used in roofing, water ponds, waste pond linings, cargo containers, refinery applications, marine applications and as a lining for tanks and vats.
Contact William C. Bradshaw, Special Products Division, Chevron U.S.A. Inc., 575 Market St., San Francisco, Calif. 94105.

Compo Industries, Inc.
"Compo's Settef Thermal Wall Insulation and Finish System" includes a brochure, color charts, technical and installation instructions, test reports, details of application drawings, job and building photographs and code approvals.
Contact Donald B. White, Compo Industries, Inc., Chemical Specialties Group, 125 Roberts Road, Waltham, Mass. 02254.

Follansbee Steel Corporation
Offers specification and data manuals, application procedures and review of plans by its engineering department, for Follansbee coated steel and T.C.S. corrosion-resistant maintenance-free metal for roofing and flashing.
Contact Follansbee Steel Corporation, 1133 Terminal Tower, Cleveland, Ohio 44113.

Greco Inc.
The Permalite roof insulation brochure details physical characteristics and uses of perlite board, urethane board, perlite-urethane composite board and true sandwich board. A CSI Spec-data sheet is available. Other brochures cover Metallic expansion joint cover and the Perma-faster system of attachment of rigid insulation to metal roof decks. Also available are brochures on Insulating Concrete Roof decks and Perlite Masonry Fill insulation.
Contact Marketing Manager, Greco, Inc., Building Products Division, 3450 Wilshire Blvd., Los Angeles, Calif. 90010.

Johns-Manville Sales Corporation
Offers brochure on Fire-Glass III fiberglass shingles for residential roofing applications. Another brochure illustrates the differences in cardboard, wood and fiberglass-based roofing and quotes building code officials, builders and firemen about roofs and fires.
Contact Johns-Manville Service Center, 1601 23rd St., Denver, Colo. 80216.

Koppers Co., Inc.
Roofing and waterproofing systems for industrial buildings are pictured and described in a brochure that also contains recommended roofing specifications and procedures.

Owens-Corning Fiberglas Corporation
Brochures cover organic and inorganic built-up roofing products, and Fiberglas and FURI roof insulation and recover roof board, including specifications, and thermal performance data.
Contact O. M. S. Meeks, Owens-Corning Fiberglas Corporation, Fiberglas Tower, Toledo, Ohio 43659.

Perlite Institute Inc.
Brochure details the physical properties and performance of Perlite loose fill.
Contact Perlite Institute Inc., 45 W. 45th St., New York, N.Y. 10036.

Red Cedar Shingle & Handsplit Shake Bureau
See p. 142 (UCI 6).

Rollamatic Roofs Inc.
Offers a brochure on operable skylight roofs for all types of buildings. Roof panels can be opened to vent moisture or allow natural ventilation during rainy weather, and qualify for the federal and California solar tax credit.
Contact Rollamatic Roofs Inc., 1400 Yosemite Ave., San Francisco, Calif. 94124.

Sanskryp Corporation
Brochure covers basic product data on Sanscryp's stone on plywood panels.
Contact Debra McClenahan, Sanscryp Corporation, 630 Martin Ave., Santa Clara, Calif. 95050.

Shakertown Corporation
See p. 142 (UCI 6).

3M
Offers literature on Scotch-Clad Coating Systems elastomeric products that cure when exposed to moisture, for vehicular and pedestrian decks, roofs, buried membrane and special surfaces.
Contact Ann M. McGuiggen, Sales Promotion and Merchandising Coordinator, 3M Co., Adhesives, Coatings and Sealers Division, 3M Center, St. Paul, Minn. 55101.

Thoro System Products
See p. 139 (UCI 3).

VIP Enterprises, Inc.
Information available on Ter-Polymer sealants #5000 Series, Ter-Polymer coatings #7000 and #8000 Series, Fire Retardant Roofing Material #3500, Foam Guard #4000, "Ombrella" Clear #9100 and #9500 and "Ombrella" semi-Opaque #9300.
Contact Peter B. Anderson, VIP Enterprises, Inc., 9690 N.W. 41st St., Suite 1, Miami, Fla. 33178.

UCIS: Doors and Windows

Acan Building Products
See p. 140 (UCI 5).

Andersen Corporation
Offers a tracing detail file, a three-ring binder of scaled details; window detail catalog with specifications and technical data; booklets on commercial applications and permashield installation.
Contact Sales Promotion Department, Andersen Corporation, Bayport, Minn. 55003.
Cal-Wood Door
Offers technical literature on its complete line of wood fire doors.
Contact Jim Brower, Sales Department, Cal-Wood Door, P.O. Box 1656, Santa Rosa, Calif. 95402.

Caradco Corporation
44-page catalog explains the energy-saving features of the firm's primed and aluminum clad windows, including solar control insulation, glass, leak-proof vinyl gaskets, secure locking devices and double weatherstripping.
Contact Gary Blum, Caradco Corporation, P.O. Box 920, Ranout, Ill. 61866.

Cookson Co.

CY/RO Industries
Offers information on Exolite double skinned acrylic and polycarbonate sheets.
Contact CY/RO Industries, 697 Route 46, Clifton, N.J. 07015.

Du Pont Co./Laminated Safety Glass Association
The film "Laminated Safety Glass/The Designer's Choice" presents the functions and esthetics of laminated safety glass.
Contact E.I. du Pont de Nemours & Co., Advertising Department, Audiovisual Section, Wilmington, Del. 19898.

E. A. Nord Co.
Offers two catalogs: Entry Door catalog illustrates the manufacturer's carved and decorative doors and provides complete specifications. Bifold catalog illustrates the firm's five Hemlock bifold designs and provides complete size information.
Contact Carol Trotto, E. A. Nord Co., P.O. Box 1187, Everett, Wash. 98206.

Eggers hardwood Products Corporation
Contact Eggers Hardwood Products Corporation, 164 N. Lake Street, Neenah, Wis. 54956.

Fir and Hemlock Door Association
12-page manual assists architects in specifying stile and rail, fir and hemlock panel doors. Includes illustrations, specifications, sizes, grades, designs, thermal doors and glass sizes for exterior sash and French doors and side lights.
Contact Shar Escudero, Fir and Hemlock Door Association, Yeon Building, Portland, Ore. 97204.

Form + Surfaces
Brochures describe Panelcarve doors, Sculpturewood doors, System 7 doors, Bonded Bronze doors, Bonded Wood doors and Doorpulls.
Contact Jan Winter, Director of Communications, Forms + Surfaces, Box 5215, Santa Barbara, Calif. 93108.

J. G. Wilson Co.
Catalog describes rolling door products and Tee-M storage systems.
Contact Jim Bevan, Executive Vice President, J. G. Wilson Co., P.O. Box 599, Norfolk, Va. 23501.

LCN Closers
"Entrance Accessibility for People Who Are Handicapped" discusses the key problems relating to accessibility codes and door control. It also provides information on door control products designed to meet the requirements of the accessibility codes.
Contact Robert G. Hatfield, Marketing Services Manager, LCN Closers, Princeton, Ill. 61356.

Libbey-Owens-Ford Co.
Three-part 35-millimeter sound/slide program, "How to Predict Interior Daylight Illumination," comes with brochure and instruction sheet. $25.
Contact Libbey-Owens-Ford Co., 811 Madison Ave., Toledo, Ohio 43695.

Louisiana-Pacific Corporation
Color catalogs and specification sheets provide descriptive and technical information on residential wood and aluminum windows and doors, wood clad sliding patio doors and custom aluminum replacement windows for industrial, commercial and institutional applications.
Contact Louisiana-Pacific Corporation, 324 Wooster Ave., N., Barberton, Ohio 44203.

Marvin Windows
Updated architectural file contains construction and elevation tracing details on Marvin wood windows. It also provides complete literature on the firm's product line, including casements, double hungs, single hungs, single-glides, awnings, bows, bays, trapezoid, triangles and more.
Contact Cynthia Taylor, Marvin Windows, Warroad, Minn. 56763.

McGuire Co., Inc.
"Important Facts about Traffic Doors" provides selection factors and features to take into consideration when selecting industrial doors for high traffic areas.
Contact George Atwell, McGuire Co., Inc., One Hudson Ave., Hudson, N.Y. 12534.

Michigan Production Griding Co.
Catalog describes the 18 models of Soss Invisible Hinges.
Contact Kathy Zotter, Michigan Production Griding Co., Division of Core Industries, Inc., P.O. Box 628, N. State St., Pioneer, Ohio 43554.

PPG Industries
"Use Solar Daylight and Heat" is a 20-page illustrated brochure that gives technical information compiled from government and professional studies. It aims to show how direct solar daylight and heat transmitted through high-performance glass windows can save electric energy.
Contact PPG Industries, 10 North, One Gateway Center, Pittsburgh, Pa. 15222.

Richards-Wilcox Manufacturing Co.
Catalog describes the company's line of door hardware.
Contact Raul E. Baudouin, Advertising Manager, Richards-Wilcox Manufacturing Co., 174 3rd St., Aurora, Ill. 60507.

Schatte Lock Co.
Literature provides information on handcrafted custom-made locks, and a wide array of material and technical service information is available on various lock series. Two films are offered on loan.
Contact Tom Huffman, Manager, Marketing Series, P.O. Box 3324, San Francisco, Calif. 94119.

Simpson Timber Co.
Eight-page brochure on Simpson International doors shows carved, old world design doors.
Contact Dean Matthews, Simpson Timber Co., 900 4th Ave., Seattle, Wash. 98164.

Weyerhaeuser Co.
"Architectural Doors" is a 20-page catalog with details and specifications on Weyerhaeuser flush wood doors, including fire rated, sound retardant and X-ray.
Contact Weyerhaeuser Company, Box B, Tacoma, WA 98477.

Wood Specialty Products
See p. 142 (UCI 6).

UCI 9: Finishes

Alcan Building Products
Offers a color brochure on the Alcan Planar floating ceiling system and the Alcan Plenum Mask, which screens wiring and piping. A technical brochure on aluminum canopies is also offered.
Contact Alcan Building Products, P.O. Box 1234, Department R, Youngstown, Ohio 44501.

Armstrong World Industries, Inc.
"Floors—1980 Product Information and Technical Data" is a catalog describing continued on page 148
Everything you've wanted to know about Andersen windows and gliding doors right down to the last beautiful detail.

There's more to specifying quality windows and gliding doors than just their brand name. Even if that name is Andersen®.

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There's also an architect's tracing template to take a lot of the time and work out of making your detail drawings.

And an installation detail book. Plus, of course, our Sweet's file on Andersen windows and gliding doors.

And Manu-Specs on all products in conformance with CSI 3-Part Section format.

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BIRMINGHAM — Birmingham Sash & Door Co. — (205) 254-0070

ARIZONA
PHOENIX — Santa Fe Lumber & Millwork — (602) 251-8000

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NO. LITTLE ROCK — Fischer Lime & Cement Co. — (501) 376-2911

CALIFORNIA
FAIRFIELD — Sequlpa Supply — (707) 864-1111

COLORADO
DENVER — Boise-Cascade — (303) 625-3029

DENVER — C-E Morgan Sash & Door Co. — (303) 372-0120

CONNECTICUT
NORTH HAVEN — Brookway-Smith Co. — (203) 239-1860

SHELTON — Cleary Millwork Co. — (203) 735-1819

DELaware
BEAR — C-E Morgan Millwork Company — (302) 332-1277

FLORIDA
FORT MYERS — Huttig Sash & Door Company — (813) 332-2424

JACKSONVILLE — Huttig Sash & Door Co. — (904) 786-1622

LAKE PARK — C-E Morgan Building Products — (813) 393-6811

ORLANDO — Weiler—Wilbur Window & Door Co. — (305) 845-1555

GEORGIA
ATLANTA — C-E Morgan Millwork Products — (404) 691-5117

MORROW — Winter of Atlanta — (404) 448-0440

IDAHO
BOISE — Chandler Millwork Co. — (208) 375-5050

ILLINOIS
DECATUR — Morgan Sash & Door Co. — (217) 877-4621

PEORIA — Wainwright Mfg. Co. — (309) 673-4421

ROCK ISLAND — Rock Island Millwork Company — (309) 788-0421

SKOKIE — EHCOH — (312) 761-6601

WEST CHICAGO — Wainwright’s — (312) 293-1000

INDIANA
GOSHEN — Goshen Sash & Door Co., Inc. — (574) 533-1144

INDIANAPOLIS — Middletown Sash & Door Co. — (317) 637-6222

TERRE HAUTE — Associated Door & Plywood Co. — (812) 332-1371

IOWA
CEDAR RAPIDS — Rock Island Millwork Company — (319) 293-0900

DES MOINES — Rock Island Millwork Company — (515) 265-6071

DUBUQUE — Rock Island Millwork Company — (563) 586-5611

MASSACHUSETTS
BILLINGS — Bose Company — (406) 245-3999

GREAT FALLS — Lumber Yard Supply Company — (406) 453-0396

MILES CITY — Richland Lumber Co. — (406) 202-1365

MISSOULA — Exchange Lumber Co., Montana Division — (406) 549-5121

NEBRASKA
OMAHA — Dobbins & Co., Inc. — (402) 341-0774

OMAHA — Jordan Millwork Co., Inc. — (402) 334-7660

SCOTT BLUFF — Huttig Sash & Door Co. — (402) 365-2155

NEW JERSEY
MIDLAND PARK — Black Millwork Co., Inc. — (201) 445-5700

RIDGEFIELD — Whittier-Ruhs Millwork Co. — (201) 943-6009

WOODBRIDGE HEIGHTS — Middle Atlantic Millwork Co., Inc. — (201) 486-6009

NEW MEXICO
SANTA FE — Santa Fe Lumber & Millwork, Inc. — (505) 471-9023

NEW YORK
ALBANY — Dorsev Millwork Inc. — (518) 459-5242

ALBANY — Iroquois Millwork Corporation — (518) 459-9351

BUFFALO — Iroquois Door Company — (716) 686-0900

DEER PARK — Sturtevant Millwork Corporation — (516) 467-6700

JOHNSON CITY — Robbins Door & Sash Co. — (607) 797-1398

OZONE PARK — Hussey-Williams Co., Inc. — (718) 845-5500

SYRACUSE — Iroquois Door Co. — (315) 455-2491

VICTOR — Iron City Sash & Door Co. — (716) 924-3201

NORTH CAROLINA
CHARLOTTE — Huttig Sash & Door Company — (704) 332-1003

KERNERSVILLE — Huttig Sash & Door Company — (336) 999-5217

ROCKY MOUNT — Huttig Sash & Door Co. — (252) 926-6700

NORTH DAKOTA
BISMARCK — The Radford Company, Inc. — (701) 223-5800

FARGO — The Radford Company — (701) 282-7200

OHIO
CANTON — Iron City Sash & Door Company — (330) 478-1461

CINCINNATI — Acme Sash & Door Company — (513) 442-4400

CLEVELAND — The Weiler-Wilhelm Lumber Co. — (216) 243-5000

DAYTON — Dayton Sash & Door Company — (513) 224-0262

NO. LIMA — Huttig Sash & Door Company — (216) 549-9691

TOLEDO — Allen A. Smith Co. — (419) 537-1373

OKLAHOMA
OKLAHOMA CITY — Lumbermen’s Supply Co. — (405) 253-9163

TULSA — Mid-West Mill & Supply Co. — (918) 932-4631

TULSA — General Sash & Door Co. — (918) 622-3131

OREGON
WILSONVILLE — Sequoia Supply — (503) 682-2922

PENNSYLVANIA
ALLENTOWN — Reeb Millwork Corp. — (717) 243-9658

ALLENTOWN — Robbins Door & Sash Co., Inc. — (215) 434-4827

CARLISLE — Middle Atlantic Millwork Co. — (717) 724-5668

FRACKVILLE — Robbins Sash & Door Co. — (610) 387-1201

HARRISBURG — Robbins Sash & Door Co. — (717) 697-0344

MECHANICSBURG — Morgan Millwork Company — (717) 371-1401

MONTOURSVILLE — Robbins Sash & Door Co. — (717) 386-0161

NORTH HUNTINGDON — Shuster’s Building Components — (412) 863-4158

SANDY LAKE — Iron City Sash & Door Co. — (412) 366-6211

SCRANTON — Robbins Door & Sash Co., Inc. — (570) 290-4810

WILKES-BARRE — Robbins & Door Sash Co. — (570) 824-6781

WINDBER — Iron City Sash & Door Co., Inc. — (412) 487-5471

SOUTH CAROLINA
COLUMBIA — C-E Morgan Bldg. Products — (803) 254-7094

SOUTH DAKOTA
SIOUX FALLS — Jordan Millwork Co. — (605) 336-1910

WATERTOWN — Jordan Millwork Co. — (605) 886-5800

TENNESSEE
KINGSPORT — Holston Builders Supply — (423) 247-8312

MEMPHIS — Memphis Sash & Door Co. — (901) 363-6054

NASHVILLE — Wholesale Building Products — (615) 258-1997

TEXAS
AUSTIN — David Texas Inc., — (512) 444-6700

DALLAS — Lone Star Wholesale — (214) 231-8600

HOUSTON — Lone Star Wholesale — (713) 380-3177

LUBBOCK — Dea Door & Window Co. — (806) 753-7150

LUBBOCK — Lubbock Sash & Door Co. — (806) 753-7863

UTAH
SALT LAKE CITY — Dadi Lumber Products, Inc. — (801) 972-3000

VIRGINIA
ALEXANDRIA — Morgan Millwork Company — (703) 537-5744

FREDERICKSBURG — Huttig Sash & Door Co. — (540) 731-1700

PORTSMOUTH — Morgan Millwork Company — (757) 398-8101

ROANOKE — Huttig Sash & Door Co. — (540) 826-7262

WASHINGTON

TACOMA — Savage Wholesale Building Materials — (206) 836-1377

WEST VIRGINIA
NITRO — Appalachian Sash & Door Co. — (304) 765-8261

WISCONSIN
LACROSSE — The Radford Company — (608) 784-2280

MILWAUKEE — Western Molding Co., Inc. — (414) 256-2496

OSHKOSH — The Radford Company — (920) 233-6462

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circle 64 on information card
UCI from page 145
Armstrong resilient floors, with technical data.
Contact Armstrong World Industries, Inc., Consumer Services, Box 3001, Lancaster, Pa. 17604.
Azrock Floor Products
Catalog contains information on sizes, gauges, uses, installation, light reflectance values, colors and brief specifications on Azrock vinyl composition floor tile, asphalt floor tile, feature strips and cove base. Tile samples are available. Also offered are a specification guide, manual of installation and architect's file folder.
Contact Walter R. Bell, Advertising & Sales Promotion Manager, Azrock Floor Products, P.O. Box 34030, San Antonio, Tex. 78233.
Badische Corporation
Contact Badische Corporation, 111 W. 40th St., New York, N.Y. 10018.
Capaul Ceilings
Softscape brochure describes the acoustic performance of Capaul Nubby and Nubby Open Plan Ceiling Panels.
Contact Capaul Ceilings, 210 W. 22nd St., Suite 129, Oak Brook, Ill. 60521.
Celotex Corporation
Literature describes the new Colortone Mineral Fiber Acoustical Ceiling Panels.
Contact Joanne Cardoso, Communications Specialist, Celotex Corporation, P.O. Box 22602, Tampa, Fla. 33622.
Connor Forest Industries
Catalog presents specifications for the firm's Maple flooring. "Connor Courts for Racquetball—Handball—Squash" gives specifications for installation of Maple flooring and end and side walls. Another brochure describes the various ways and systems to lay a maple floor for roller rinks.
Contact L. C. Britten, General Sales Manager, Connor Forest Industries, P.O. Box 847, Wausau, Wis. 54401.
Conwed Corporation
50-page brochure describes the company's range of architectural ceiling treatments: mineral acoustical ceiling panels and tiles, suspension, integrated ceiling systems and the new Attend B acoustical wall panel system. Also available are smaller brochures on individual ceiling treatments.
Contact Sheila A. Katusky, Advertising Department, Conwed Corporation, P.O. Box 43237, St. Paul, Minn. 55164.
Custom Building Products
Brochure describes the company's mortars, grouts and adhesives for installation of ceramic tile on all types of surfaces. Product line includes Colored Tile Grout, Latex Cement Mortars, Thin-Set Mortars, Veneer Mortar Mastic and Ceramic Tile Mastic.
Contact Sam Pearce, Custom Building Products, 6511 Salt Lake Ave., Bell, Calif., 90201.
Diller Corporation
Brochures cover Homapal Metallic Laminates, Dillerwood Wood Veneer Laminates, Dillercloth Fabric Laminates and Homapal's Renaissance collection of real embossed laminates. Also available is a flyer on Resopal Glossy Laminates. Contact M. A. Cohen, Marketing Director, Diller Corporation, 6210 Madison Court, Morton Grove, Ill. 60052.
E. I. du Pont de Nemours & Co.
Brochure provides information on architectural fabric structures coated with Teflon fluorocarbon resin.
Contact E. A. Browning, Marketing Communications Department, WT-702, Du Pont Co., Wilmington, Del. 19898.
Flexi-Wall Systems
Information available on nontoxic interior wall finish.
Contact Hank Levy, Flexi-Wall Systems, P.O. Box 88, Liberty, S.C. 29657.
Forms + Surfaces
Brochures describe Sculpturewood wall panels, Panelcarve wall panels and Tamber/Bonded Hardwood wall panels, Ceramic Tile, Ceiling Systems, Acoustical Systems, Embossed Metal and Grilles.
Contact Jan Winter, Director of Communications, Forms + Surfaces, Box 5215, Santa Barbara, Calif. 93108.
Gall Ceramics
Catalog illustrates the company's various colors, shapes and sizes of ceramic tiles for floors, walls, interiors and exteriors. Also included are short-form specifications and drawings of trim shapes, plus a complete listing of all Gall distributors in the U.S. and Canada.
Contact Don Orsi, Sales Manager, Gall Ceramics, 1481 N. Main St., Orange, Calif., 92667.
GF Business Equipment, Inc.
Chart shows the different colors and fabrics available through GF. Also available is a Fabrics and Finishes Swatch Kit, $15, and a Fabric and Finishes kit containing Open Plan System materials, $3.
Contact Cindy Booty, Advertising Coordinator, GF Business Equipment, Inc., 220 E. Dennick Ave., Youngstown, Ohio 44501.
Integrated Ceilings, Inc.
Film entitled "Ceilings" describes how to develop interesting and effective interior spaces with ceiling surfaces and features the firm's products.
Contact Integrated Ceilings, Inc., 2231 Colby Ave., Los Angeles, Calif. 90064.
Interface Flooring Systems
Brochures describe the company's product line. Also available is "Interface: The First Practical Hospital Carpet System" that discusses the special floor covering problems posed to the health-care facility.
Contact Interface Flooring Systems, Marketing Group, P.O. Box 1503, LaGrange, Ga. 30241.
Kentucky Wood Floors Inc.
Brochure presents the complete product line of hardwood flooring, from Custom Classics and End Grain Floors to basic Plank and Parquet.
Contact Kentucky Wood Floors Inc., 7761 National Turnpike, Louisville, Ky. 40214.
Latco Products
Brochure discusses the "Wicker" Series of ceramic tile for wall or floor surfaces.
Contact Buddy Campbell, President, Latco Products, 3371 Glendale Boulevard, Los Angeles, Calif, 90039.
LevOLOR Lorentzen, Inc.
Brochure describes linear ceiling systems, profiling their applications in commercial, industrial and residential markets. Also offered are color chips of Daempa and Ecol-O-Vane ceiling systems.
Contact Levolor Lorentzen, Inc., 720 Monroe St., Hoboken, N.J. 07030.
Nora Flooring
Information available on Norament tiles, Nora Slate, Nora Ribbed, Nora Smooth, Nora Plan and Nora 600 pastiles.
Contact Nora Flooring, Division of Robus Products Corporation, 4201 Wilson Ave., Madison, Ind. 47250.
Olympic Stain
Presents "Before You Begin," a how-to brochure on staining and painting. Illustrated step-by-step instructions simplify finishing for the homeowner all the way from selection of materials through clean up. The 16-page brochure covers Olympic solid color and semitransparent stains, acrylic latex Olympic stain and Olympic overcoat.
Contact Paul Kosche, Sales/Promotion
Contact Michael J. Casey, National Contract Manager, Welco Carpet Corporation, P.O. Box 281, Calhoun, Ga. 30701.

Welco Carpet Corporation

Information manual is an overview of important tests and requirements by HUD and the National Fire Protection Association. It also lists specifications, testing information, flexibilities and wear classifications on the firm's product line. Another manual recommends installation instructions. The Contract Architectural Folder Kit, 580, consists of 28 product styles.

Contact Michael J. Casey, National Contract Manager, Welco Carpet Corporation, P.O. Box 281, Calhoun, Ga. 30701.

Westinghouse Electric Corporation

"Imaginatively!" displays the 101 designs of the decorative laminate line of the Micarta division. The booklet contains illustrations of many practical product applications, as well as technical information on different types of Micarta decorative laminates and their uses.

Contact John Burk, Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, Pa. 15222.

UCI 10: Specialties

American-Standard

Will provide blister-packaged, factory color matched samples of its plumbing fixture colors. Nine colors per card. $1.50.

Contact American-Standard, P.O. Box 230, New Brunswick, N.J. 08903.

Best Manufacturing Co.

Catalog illustrates complete sign systems and custom signs and plaques. Also available are the memorial brochure, which shows a wide selection of engraved and Graphic Blast plaques in plastic, brass, bronze, glass, wood and brick, and "How to Develop a Sign System.”

Contact Larry Campbell, Best Manufacturing Co., 3212 Troost, Kansas City, Mo. 64109.

Bobrick Washroom Equipment, Inc.

Offers a series of individual Washroom Equipment Planning Guides to assist in the selection and specification of stainless steel washroom accessores and laminated plastic toilet compartments for hotels, hospitals, schools, office buildings and industrial buildings. Also offered is a new Planning Guide for Designing Washroom facilities for the Physically Handicapped and a Wheelchair Maneuverability Drawing Template.

Contact Bobrick Architectural Service, Lincoln Building, 60 E. 42nd St., New York, N.Y. 10165.

California Cooperation

Offers brochures on the firm's line of wooden hot tubs, redwood decks, sight screens, redwood planters, fiberglass spas and saunas. Also available is the "Architectural Guidebook to Hot Tub Environments."

Contact California Cooperation, 880 Industrial Way, P.O. Box E, San Luis Obispo, Calif. 93406.

Convexed Corporation

See p. 148 ( UCI 9 ).

Forms + Surfaces

Brochures describe cabinet pull designs and wood grilles.

Contact Ian Winter, Director of Communications, Forms + Surfaces, Box 5215, Santa Barbara, Calif. 93108.

Georgia-Pacific Corporation

Offers information on Shaft Liner gypsum wallboard enclosure suitable for elevator shaft, stairwell and mechanical shafts.

Contact Ted Godfrey, Gypsum Division, Georgia-Pacific Corporation, 900 S.W. 5th Ave., Portland, Ore. 97204.

GF Business Equipment Inc.

"SPACE—a survey of criteria relating to the application of open plan" deals with office evolution, the state of the office today, SPACE planning and a prospective user's guide. "SPACE" illustrates GF open office products. "The Electra Connection" explains the electrical capabilities of the power raceway in the GF open plan system panel.

Contact Cindy Booty, Advertising Coordinator, GF Business Equipment, Inc., 229 E. Derrick Ave., Youngstown, Ohio 44501.

Haws Drinking Faucet Co.

"Access Fountains" features barrier-free drinking fountains for easy access by wheelchair users. Included are wall-mounted units in both single and double design, freestanding models for outdoor use and models with built-in or optional coolers. Coolers specification charts are included.

Contact Haws Drinking Faucet Co., P.O. Box 1999, Berkeley, Calif. 94701.

INTEST Laboratories, Inc.

Brochure explains the firm's consulting, testing and monitoring services. It describes the company's acoustical analysis laboratory that evaluates open plan offices, ceiling acoustics and electronic background masking. Also outlined is INTEST's expertise in fire and flammability testing.

Contact Donald J. Valsvik, President, INTEST Laboratories, Inc., 2820 Anthony Lane S., Minneapolis, Minn. 55418.

Jacuzzi Whirlpool Bath

The 1980 Jacuzzi Whirlpool Bath and Spas booklets contain installations, diagrams, specifications and illustrations of the company's complete line.

Contact Denise Bina-Everhart, Jacuzzi Whirlpool Bath, P.O. Drawer J, Walnut Creek, Calif. 94596.

Kohler Co.

212-page catalog of plumbing and leisure products for residential, commercial and institutional installations. Includes descriptions and specifications for spas, environmental enclosures, whirlpool baths, bathtubs, lavatories, toilets, drinking fountains, sinks and faucets. Booklets on each product are available.

Contact Lewis Hildebrandt, Supervisor,
Production and Procurement, Advertising and Promotional Services, Kohler Co., Kohler, Wis. 53044.

Kroin: Architectural Complements

Presents press materials on products that have been in production for many years but have only recently become available in the U.S. Pictured in the brochures are VOLA sanitary fittings, ALAPE vitreous enamel sinks and ERLAU park furniture. Contact Lawrence Kroin, Director, Kroin: Architectural Complements, P.O. Box 168, Lincoln, Mass. 01773.

Panel Concepts, Inc.

Offers literature and data covering open plan furniture systems and work stations. Data are also available on the company's panel line. Contact Richard Dittrich, Special Programs Manager, Panel Concepts, Inc., 3001 S. Yale St., Santa Ana, Calif. 92704.

Peninsula Plywood

Offers catalog on western red cedar plywood sidings. Contact Karl Alteneder, Sales Manager, Peninsula Plywood, 459 Marine Drive, Port Angeles, Wash. 98362.

Rally Racks

Will provide literature on architecturally designed secure bicycle, moped and motorcycle parking stands. Contact Rally Racks, P.O. Drawer 299, Sonoma, Calif. 95476.

RAR Enterprises

Brochure features the firm's line of washroom equipment. Also offered are specification sheets on each product. Contact RAR Enterprises, P.O. Box 2645, Houston, Tex. 77001.

Readybuilt Products Co.

Information available on the company's products: wood mantel pieces for built-in masonry fireplaces and factory built metal fireplaces; decorative fireplaces for town houses and apartments and facing systems for factory built metal fireplaces. Contact Readybuilt Products Co., P.O. Box 4306, Baltimore, Md. 21223.

Republic Steel

"Why Buy Republic Lockers" discusses the utilization and benefits of Republic Steel Lockers. It includes a description of the full line of types, sizes and accessories. Contact J. M. Ashcom, Manager, Marketing Communications, Republic Steel, Industrial Products Division, 1038 Belden Ave. N.E., Canton, Ohio 44705.

Richards-Wilcox Manufacturing Co.

Two catalogs are available: One describes the 2200 Series Steelwall operable wall systems; the other the firm's line of portable walls. Contact Paul E. Baudouin, Advertising Manager, Richards-Wilcox Manufacturing Co., 174 3rd St., Aurora, Ill. 60507.

Spacesaver Corporation

A comprehensive planning guide to assist architects and builders in designing high density filing/storage systems is available. Contact Space Planning Services, Spacesaver Corporation, 1450 Janesville Ave., Ft. Atkinson, Wis. 53538.

Steelcase Inc.

Three-day Workstation Planning seminar is designed to acquaint office planners with the latest planning concepts and furniture available. $100. Office Survey and Space Planning seminar is a structure analytical approach to the planning project regardless of project size. $175. Contact C. E. Haltman, Sales Promotion Supervisor, Steelcase Inc., Grand Rapids, Mich. 49501.

Unistrut Interior Building Systems

Complete specifications on four movable interior wall systems are included in a 20-page catalog. Also included are specifications on a variety of matching doors, hardware and accessories. Contact Rich Drakulich, Unistrut Interior Building Systems, 1821 Bedford Ave., North Kansas City, Mo. 64116.

Vicking Leisure Products Co.

Offers literature on the company's complete line of health and leisure products, including prefabricated and custom sauna rooms, whirlpool baths, hot tubs, spas, steam units and wine systems. Contact Kevin Jones, Viking Leisure Products Co., P.O. Box 6298, San Jose, Calif. 95150.

Youngstown Design Center

Interior and exterior sign systems are described in a catalog. Contact Youngstown Design Center, 435 Main St., Youngstown, N.Y. 14174.

UCI 11: Equipment

Atkinson Dynamics

Offers information on heavy-duty industrial intercoms. Contact Asa Bullock, Sales Manager, Atkinson Dynamics, 10 W. Orange Ave., South San Francisco, Calif. 94080.

Kroin: Architectural Complements

See above (UCI 10).

McGuire Co., Inc.


Pellerin Milnor Corporation

Architects' Laundry Planning File includes literature on the firm's commercial washing machinery. A 10-minute film is offered on the Hands-Off Washing System that includes large tilting washer-extractors that load and unload themselves. Costs and equipment analyses and layout drawings are offered by the Laundry Planning Department. "What's New in Large Laundry Systems" describes automated washer-extractors, materials handling systems and a water and heat recovery system. Contact A. W. Walsdorf, Senior Vice President, Pellerin Milnor Corporation, P.O. Box 400, Kenner, La. 70063.

R. C. Musson Rubber Co.

The firm's line of dock bumpers, impact bumpers, wheel chocks and corner guards is presented in a four-page catalog. Contact R. C. Musson Rubber Co., 1320 E. Archwood Ave., Akron, Ohio 44306.

UCI 12: Furnishings

Atelier International, Ltd.


Best Manufacturing Co.

Offers information on Graphic Blast process, which can engrave almost any black and white artwork into virtually any material. Contact Best Manufacturing Co., 3214 Trosst, Kansas City, Mo. 64109.

Brayton International

Information available on the Brayton line of furniture including Refugio, an easy chair with add-on elements to form seating groups. Contact Brayton International, P.O. Box 2558, 113 Motsinger, High Point, N.C. 27261.

Charrette


Conwed Corporation

Brochures describe its varied lines of freestanding acoustical screens, wood
Contact Sheila A. Katrusky, Advertising Department, Conwed Corporation, P.O. Box 43237, St. Paul, Minn. 55164.

E. J. du Pont de Nemours & Co.

Brochure ranks the 25 most frequently specified carpets in 1979, based on a survey of building projects valued at $1 million or more in which contract carpet was specified. Also offered are specification guides on commercial carpet of "Antron." nylon.

Contact Judith Mortenson, Public Affairs Department, E. J. du Pont de Nemours & Co., 350 Fifth Avenue, New York, N.Y. 10001.

Falcon

Offers information on new products: Hannah/Grasso Wire Chair collection, table base collection designed by Frederick Kuhn, stuffy stacking chair designed by Robert DeFuccio and the Park Bench Booth designed by Matthew Beals.

Contact Falcon, 9387 Dielman Industrial Drive, St. Louis, Mo. 63132.

Forms + Surfaces

Brochures illustrate benches, planters, smoking urns and trash receptacles, which are all modular.

Contact Jan Winter, Director of Communications, Forms + Surfaces, Box 5215, Santa Barbara, Calif. 93108.

GF Business Equipment, Inc.

Product brochures and catalogs describe GF's chair lines, filing systems, desk lines, bookcases and Open Plan System products.

Contact Cindy Booty, Advertising Coordinator, GF Business Equipment, Inc., 229 E. Dennis Ave., Youngstown, Ohio 44501.

Heidapal Group-West, Inc.

Offers a catalog and brochure displaying the European design and craftsmanship of the firms' kitchen and bath cabinetry. Catalog, $5.

Contact Lynn Schroeder, Heidapal Group-West, Inc., 749 Swift St., #1, Santa Cruz, Calif. 95060.

Helikon Furniture Co., Inc.

Color brochure describes the Options System for open office planning. It comes with 44-page illustrated net price list.

Contact Helikon Furniture Co., Inc., Taftville, Conn. 06780.

Kirsch Co.

Offers a manual to assist in selecting custom tracks and heading systems especially appropriate for commercial installations.

Contact Kirsch Co., Department AN, Sturgis, Mich. 49091.

Koppers Co., Inc.

See p. 142 (UCI 6).

Kroin: Architectural Complements

See p. 146 (UCI 10).

Metropolitan Furniture Corporation

Catalogs feature Robert Long Lights, $15, and the Metropolitan contract and residential furniture, $25. A 35-mil­limeter slide show on Metropolitan furniture as well as Robert Long is available. The company also has a slide show on the Series 10 seating system for high traffic, contract use.

Contact Alycia Umemoto, Manager, Marketing Services, Metropolitan Furniture Corporation, 950 Linden Ave., South San Francisco, Calif. 94080.

Panel Concepts, Inc.

See p. 150 (UCI 10).

Rangine Corporation

Offers a brochure on Rakks architectural shelving system.

Contact Rangine Corporation, 14 Felton St., Waltham, Mass. 02154.

R. C. Musson Rubber Co.

Catalog describes the company's rubber and vinyl mats, mats and aluminum mat frames.

Contact R. C. Musson Rubber Co., 1320 E. Archwood Ave., Akron, Ohio 44306.

R-Way Furniture Co.

Catalog depicts the complete line of Skagen office furniture, crafted in select red oak veneers.

Contact R-Way Furniture Co., 740 South Commerce St., Sheboygan, Wis. 53081.

Steelcase Inc.

The three-day Workstation Planning seminar is designed to acquaint office planners with the latest planning concepts and furniture available. $100. The three-day Service and Installation seminar instructs on how Steelcase furniture is built, how to install it properly and how to service and maintain it. $150.

Contact C. E. Halterman, Sales Promotion Supervisor, Steelcase Inc., Grand Rapids, Mich. 49501.

Thonet

Offers audiovisual presentations on the firm's history and a presentation by designer David Rowland featuring the new Sof-Tech Stack chair. Brochure also available on the firm's history. G & W Healthcare division's new 181 system, an electric bed, overbed table and bed­side cabinet, is featured in another brochure. This fall, two books will be available: Thonet: A History 1830-1980, published by Barron's, and a reprint of Thonet's 1904 catalog, published by Dover publications.

Contact Peggy McFadden, Marketing Assistant, Thonet, 491 E. Princess St., P.O. Box 1587, York, Pa. 17405.

Vector Contract

Offers product brochures, templates and a corporate slide presentation.

Contact Communications Manager, Vector Contract, 1800 S. Great Southwest Parkway, Grand Prairie, Tex. 75051.

Willamette Industries, Duraflame Division

The literature packet includes actual samples and technical specifications on a UL fire-rated particle board for Class I applications. Machineable, it is a sub­strate for all types of wood veneers, laminates, vinyls, etc., for wall systems, furni­ture and fixtures.

Contact Bruce Palmer, Assistant Sales Manager, Duraflame Division, Willamette Industries, Inc., Box 428, Albany, Ore. 97321.

UCI 13: Special Construction

Armco

Catalog presents structural, acoustic and esthetic design details, as well as high­lighting installation and maintenance procedures, of the Armco Noise Barrier system.

Contact Arroco Promotional Services, Marketing Center, Department GEN-8679, P.O. Box 600, Middletown, Ohio 45043.

Armstrong World Industries, Inc.

"Lighting for the Office of the '80s" is a 12-minute movie evaluating ambient, task and ambient/task methods of providing high quality illumination at low energy.


Chevron U.S.A. Inc.

Offers publications detailing construction specifications and product information for tennis court construction and lighting. and also for synthetic running track construction.

Contact William C. Bradshaw, Special Products, Chevron U.S.A. Inc., Asphalt Division, P.O. Box 7634, San Francisco, Calif. 94102.

Data Processing Security, Inc.

Offers brochures on the latest in safety and security design for computer center facilities.

Contact Data Processing Security, Inc., 200 E. Loop 820, Fort Worth, Tex. 76112.

E. J. du Pont de Nemours & Co.

See p. 140 (UCI 6).

continued on page 154
What would you get if you tossed away all your ideas about what a building should be?
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Circle 65 on information card
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Helios Tension Products, Inc.
Tension membrane and air-supported structures are designed, engineered, fabricated and installed by the company, and literature is available explaining the products and services. Contact Motonobu Nohmura, President, Helios Tension Products, Inc., 1602 Tacoma Way, Redwood City, Calif. 94063.

Interface Flooring Systems
Brochure discusses three basic floor-related energy distribution systems: underfloor ducts or cells, raised panel flooring and flatwire. The manual describes each system and discusses the relationship with the Interface product. Contact Interface Flooring System, Marketing Group, P.O. Box 1503, LaGrange, Ga. 30241.

Owens-Corning Fiberglas Corporation
"Creating New Environments With Fiberglas Fabric Structures" illustrates the practical and esthetic benefits of fabric structures. Both air supported and tension structures are described. Contact J. D. Stillwell, AIA, Owens-Corning Fiberglas Corporation, Fiberglas Tower, Toledo, Ohio 43659.

Steves Metallurgical Corporation
Offers information on X-Ray Lead Plate Glass. Contact Steves Metallurgical Corporation, 342 Madison Ave., New York, N.Y. 10017.

UCI 14: Conveying Systems

Dover Corporation, Elevator Division
"Modernization Could Be the Answer" describes how, in many cases, some of the existing equipment can be retained so that the cost is much less than for a new elevator. Discusses building character, population density and expected changes, peaks and valleys of elevator usage and similar performance and service requirements. Contact Modernization Department, Dover Corporation, Elevator Division, P.O. Box 2177, Memphis, Tenn. 38101.

Richards-Wilcox Manufacturing Co.
Materials Handling Equipment catalog describes the company's line of basic monorail systems and cranes, manual and powered overhead chain conveyors, ultramodern power and free systems. Contact Paul E. Baudouin, Advertising Manager, Richards-Wilcox Manufacturing Co., 174 3rd St., Aurora, Ill., 60507.

Schindler Haughton Elevator Corporation
Will provide elevator planner and budget estimator. Also available is a catalog describing 1980 designer series programmable elevators and escalators, with requirements for handicapped, selection, budget pricing, esthetics, options, maintenance/service and design layouts. Contact Schindler Haughton Elevator Corporation, P.O. Box 780, Toledo, Ohio 43695.

Westinghouse Elevator Co.
Moduline 100 Architect/Contractor Planning Guide contains escalator design details on clear acetate overlays. Construction details are also provided. Contact Suzy Weiss, Marketing Communications, Westinghouse Elevator Co., 21 Bleecker St., Millburn, N.J. 07041.

UCI 15: Mechanical

Ceramic Cooling Tower Co.
Brochure describes the company's line of airconditioning cooling towers. Contact Ceramic Cooling Tower Co., P.O. Box 425, Fort Worth, Tex. 76101.

Eljer Plumbingware
Information available on watersaving fixtures and fittings: tank and flush valve closets, urinals, faucets and shower heads. Contact Eljer Plumbingware, Wallace Murray Corporation, 3 Gateway Center, Pittsburgh, Pa. 15222.

Environmental Elements Corporation
Brochure describes Titus Enviro-Master, a new variable volume air flow assembly designed to save energy while increasing indoor comfort. Contact Environmental Elements Corporation, Air Cleaning Systems Group, 1221 International Parkway, Richardson, Tex. 75081.

Grinnell Fire Protection Systems Co., Inc.
Technical catalog describes the firm's line of sprinklers, nozzles, valves and accessories. Contact Grinnell Fire Protection Systems Co., Inc., 10 Dorrance St., Providence, R.I. 02903.

Space/Time Designs, Inc.
Offers Let's Reach for the Sun, a 140-page book containing basic information on solar design and application, and floor plans and renderings for 30 solar home designs, $9.95. Contact Space/Time Designs, Inc., P.O. Box 4229, Bellevue, Wash. 98009.

Summaster Corporation
Offers a brochure describing its evacuated tube solar collector system for heating and cooling. Will also provide consulting services on sizing and specifying solar plus microprocessor energy management. Contact Keith Martin, Sales Manager, Summaster Corporation, 12 Spruce St., Corning, N.Y. 14830.

Youngstown Design Center
The CAIT Fireplace-Boiler is a prefabricated open fireplace capable of heating water for space heating or domestic use. A descriptive catalog is available. Contact Youngstown Design Center, 435 Main St., Youngstown, N.Y. 14174.

UCI 16: Electrical

Atelier International, Ltd.

Best Manufacturing Co.
Offers information on Graphic Blast process, in which graphics for control panels and distribution systems can be reproduced from black and white artwork and engraved into the surface and paint filled, screen painted or raised by over­lays. Contact Best Manufacturing Co., 3214 Troost, Kansas City, Mo. 64109.

Columbia Lighting
Offers a full-line fluorescent catalog with special brochures on Parabolume, P2, Air-Handling, SuperTube, Form 4 and other designer lighting. Contact Columbia Lighting, T.A. Box 2787, Spokane, Wash. 99220.

E. A. Nord Co.
Spindle catalog shows nine designs of wood turnings, provides complete size information and reference to matching rails for easy installation as room dividers, stair railings and other decorative applications. Contact Carol Trotto, E. A. Nord Co., P.O. Box 1187, Everett, Wash. 98206.

E. I. du Pont de Nemours & Co.
Brochure discusses the advantages of using plenum cable insulated and jacketed with FEP fluorocarbon resin. Contact E. A. Browning, Marketing Communications Department, WT-702, Du Pont Co., Wilmington, Del. 19898.

Gardco Lighting
Will supply a number of publications containing technical and engineering data, design templates and computer verifications for outdoor, indoor and custom lighting equipment. Catalogs are available covering lighting design and specifications for new construction and renovation projects. continued on page 156
Crowd Pleaser.

Moving people in style. Saving energy. That's the Westinghouse Moduline 100® escalator.

Pleasing big crowds is the specialty of the Park Place Casino Hotel in Atlantic City. And of the Westinghouse Moduline 100 escalator.

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You can help us find the answers by sending your dollars today to your local Heart Association, listed in your telephone directory.

Put your money where your Heart is.

American Heart Association
WE'RE FIGHTING FOR YOUR LIFE

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Contact James W. Smith, Vice President Marketing, Gardco Manufacturing, Inc., 2661 Alvarado St., San Leandro, Calif. 94577.

GF Business Equipment, Inc.

Johns-Manville Sales Corporation
Offers reference guide featuring performance data on the eleven variations of Controlens fluorescent lenses. Also available is a brochure describing the features and advantages of the Parkpak luminaire. Contact Johns-Manville Service Center, 1601 23rd St., Denver, Colo. 80216.

Kim Lighting, Inc.
The Low Level Floodlight is introduced in an eight-minute film. Area lighting without the use of poles is demonstrated, along with applications, performance, energy savings and stairway lighting. Contact Doug Paulin, Assistant Sales Manager, Kim Lighting, Inc., 16555 E. Gale Ave., City of Industry, Calif. 91749.

Peerless Electric Co.
Presents four literature selections: a 100-page booklet depicting optics, candle-power distributions, coefficients of utilizations and application data and services for Longlite linear fluorescent lighting systems; a catalog of different design choices; a 38-page analysis of seven leading lighting systems in classroom lighting, and a 30-page brochure presenting seven alternative lighting systems for library stacks. Contact Craig Bernecker, Project Coordinator, Peerless Electric Co., 747 Bancroft Way, Berkeley, Calif. 94710.

Thomas & Betts
Offers information on Versa-Trak flat-conductor cable system for electrical distribution in open office landscape. Contact Thomas & Betts, 920 Route 202, Raritan, N.J. 08869.

Victor Manufacturing Co., Inc.
Catalog describes the firm’s product line including oak strip lights, redwood garden lanterns, redwood walkway lights, interior redwood fixtures, redwood strip lights, among others. Contact Yvonne Victor, Sales Manager, Victor Manufacturing Co., Inc., 1045 Terminal Way, San Carlos, Calif. 94070.
Many of the 50 million Americans who are covered by private pension plans think they'll automatically qualify for benefits when they reach retirement age.

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Write:
Pensions, Consumer Information Center
Pueblo, Colorado 81009

U.S. Department of Labor
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