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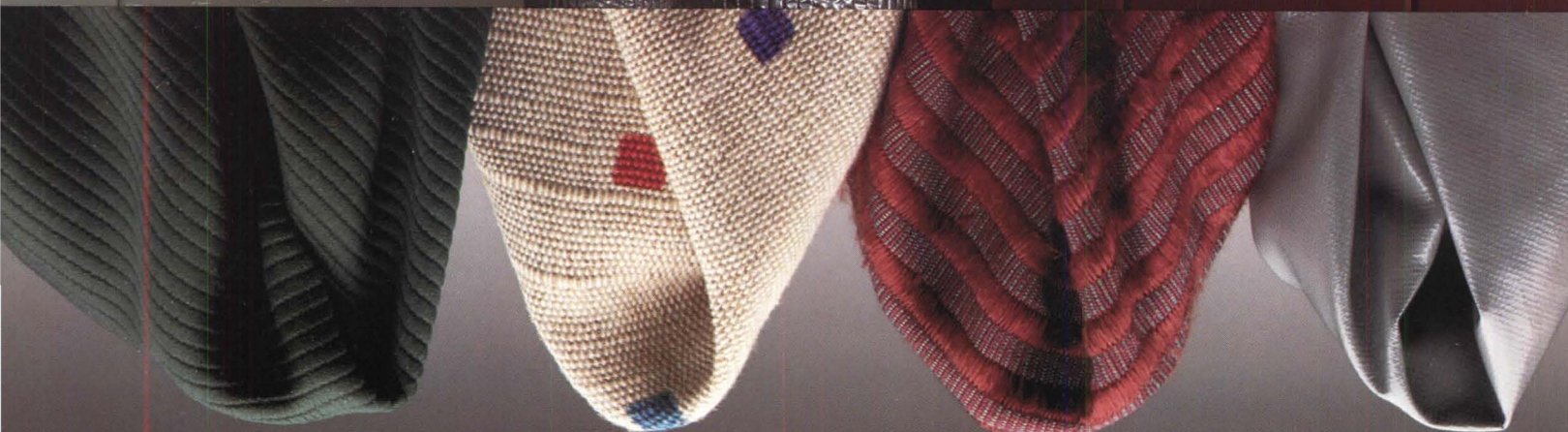
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Penton Publishing

Progressive Architecture (ISSN

0033-0752) is published

monthly by Reinhold

Publishing, A Division of

Penton Publishing, P.O. Box 95759,

Cleveland, OH 44101: Philip H.

Hubbard, Jr., President; Harry

I. Martin, Robert J. Osborn,

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CT 06904 (203-348-7531).

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INFORMATION SOURCES

Editors in charge: Susan Doubilet, Thomas Fisher, Darallice Boles

59 Introduction

With the growing body of information related to architecture, it is increasingly important to be able to locate the sources. This special issue provides the most complete listing available of those sources, including Associations, Competitions, Conferences, Periodicals, Books, Magazine Articles, Databases, and Audiovisuals, organized under the major areas of Practice, Design, Allied Disciplines, Technics, and Media. *Thomas Fisher*

62 Practice

Information sources on the preparation for and running of an architectural practice, detailed under the main categories of Computers, Education, Law, Management, Marketing, Personnel, Registration, and Specifications.

69 Information: The AIA as a Resource

This article explains how to obtain information from the AIA and evaluates the Institute's achievements and shortcomings as a source of information. *Thomas Vonier*

70 Design

Sources of information related to the design of buildings are listed under the major headings of Building Types, Design Considerations, Services, and Special Interest.

81 Allied Disciplines

A listing of sources of information on the major disciplines related to architecture. They are: Acoustics, Engineering, Environmental Behavioral Psychology, Food Service, Graphic Design, Industrial Design, Interior Design, Landscape Architecture, Programming, and Urban Design and Planning.

85 Technics

A guide to information on the technics of architecture focuses on Cladding, Codes, Interior Components, Material Standards, and Structure.

94 Media

Major forms of media related to architecture are detailed through information about important Architectural Guidebooks, Award Competitions, Book Publishers, Data Base Matrices, Design Publications, General Sources, Newspapers, Museums, and Design Centers.

98 Information: The Architect and the Law

The author shows how architects are increasingly held liable by the courts for keeping accurate records and securing all information relevant to a project. *Robert Greenstreet*

DEPARTMENTS

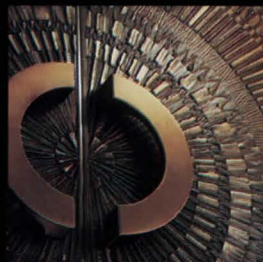
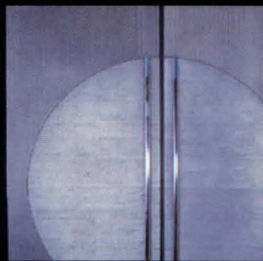
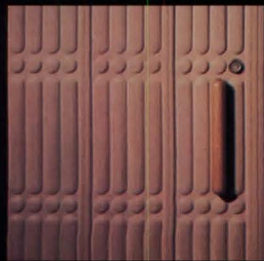
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Information Sources: A New Standard of Reference

With this issue, P/A introduces a reference work to meet unfilled information needs in the architectural field. Its success and evolution in future years will depend largely on your response to it.

P/A's editors have long realized that successful architectural and design practice in today's world—not to mention tomorrow's—depends on access to information of almost unimaginable variety and detail. Although we knew that nothing short of an entire library could put the bulk of this information in your hands, our own experience at research convinced us that we could fill a pressing need with something more concise: a guide to information sources.

It took a year and a half of planning and research, the contributions of outside professionals collaborating with our editors (see page 60), and more sheer work than we could have anticipated, but we can now proudly offer this Information Sources issue for your year-round use.

All the channels of information customarily used are, of course, too numerous and diverse to compile in one volume; you all have networks of contacts with your colleagues, contractors, manufacturers' reps, your lawyers, your in-laws. What we could put between the covers of one magazine is a list of all the sources available to all professionals—associations, publications, conferences, and databases that address the general and special concerns of design professionals.

In compiling this issue, we have limited the sources listed to those offering nonproprietary information—that is, generic information that is not about any brand-name product. (We have not excluded publications sponsored by producing companies, if their content is clearly nonproprietary.) This is by no means to deny the value of product literature or individual producers' information services, but these are covered regularly throughout the year in P/A's product and literature pages—neatly categorized into new offerings (see p. 113) and compilations of items related to the P/A Technics articles appearing in typical issues.

It is an old maxim that magazines in this field are read for both information and inspiration. We present facts, of course, but an equally important purpose is to suggest possibilities. This issue appears to contain, in its feature pages, almost nothing but information—and not the kind of facts you can mull over or disagree with, just objective listings. We would like to think, however, that these pages can provide some fascinating browsing before you put this issue on the shelf for future use—and again every time you refer to it.

For something a bit controversial to reflect upon, we have inserted capsules of results from a “mini-poll” we conducted among a few hundred professionals. In most cases, we asked them for “bests” or “favorites,” but we also wanted to let you know what is considered “notorious”—that is, both celebrated and controversial. Among the people and buildings most often cited as “notorious,” not surprisingly, are some that we at P/A greatly admire.

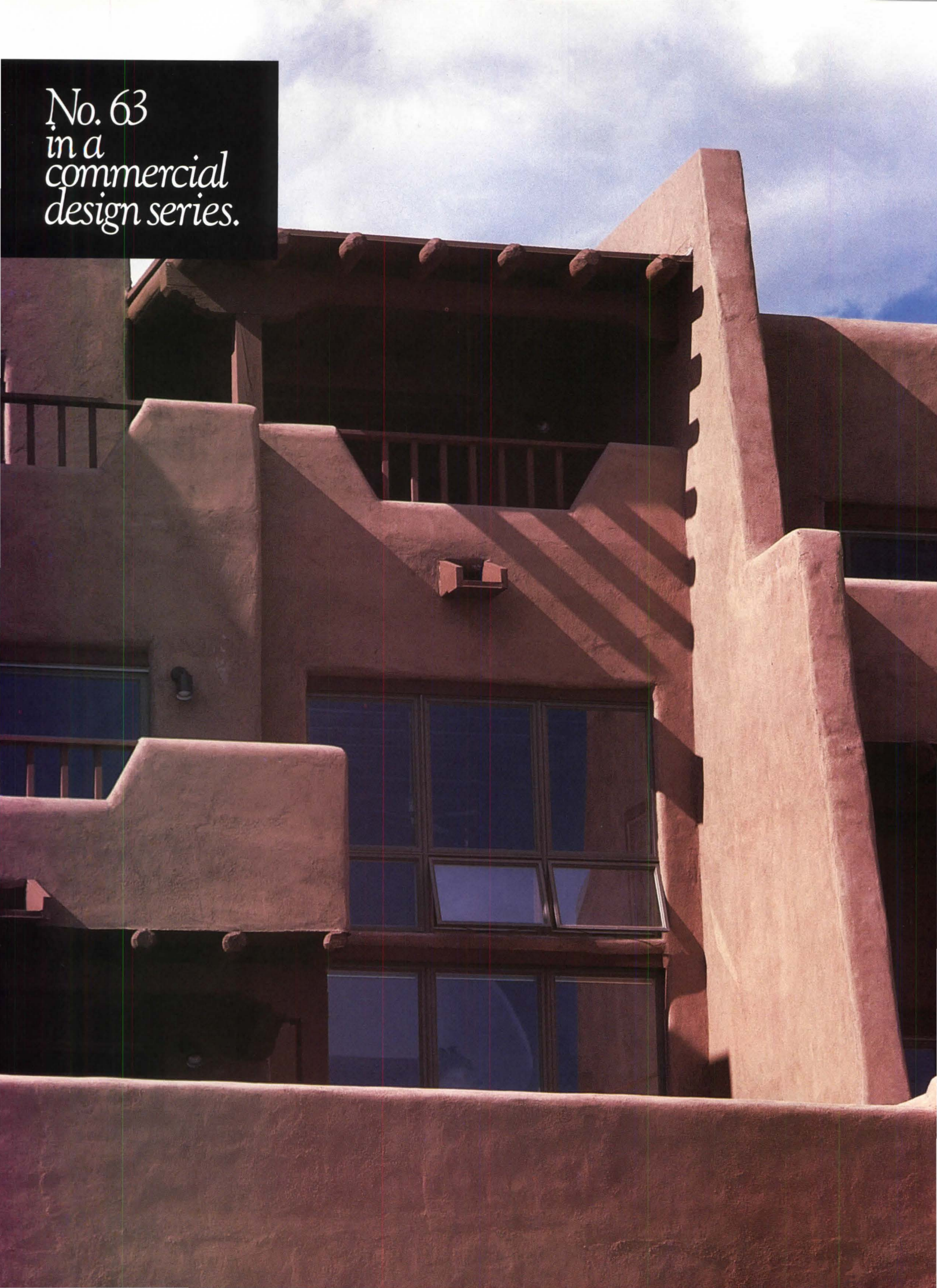
But these nuggets of opinion are meant as provocative complements to the factual substance of the issue. And we dare to think that you may find real inspiration in the source listings themselves. We hope that merely by having such a comprehensive reference at hand, you will be inspired to reach beyond your customary channels for facts or advice—and perhaps to investigate areas where you would not otherwise have questioned established wisdom.

Your role in the process

We are planning to publish another special issue on Information Sources next December, and its scope and character will be determined to a considerable extent by the response we get back from you, our readers. We are asking you please to suggest additional subjects and to point out sources we may have overlooked; we have provided a convenient, postage-paid form for your reactions (opposite page 97). And we know that, in collecting this mass of data and transferring it to print, we must have incorporated some mistakes. Please inform us of errors you can detect, and look on the Views page of our February issue for corrections that we will want to bring to your attention as soon as we can. Thank you for your interest. ■

John Morris Dirksen

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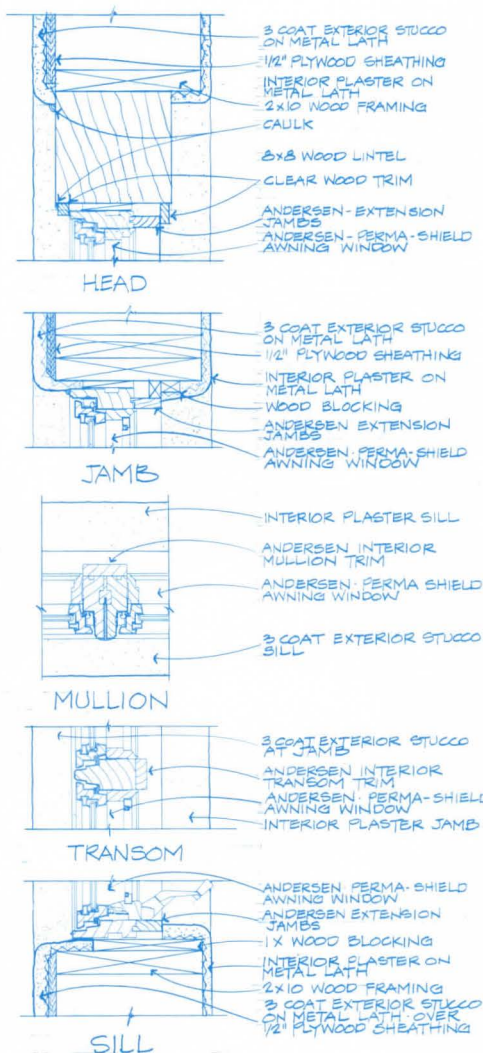
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Placita de Cumbre Condominiums, Santa Fe, New Mexico

Architect: Richard Halford & Associates, Santa Fe, New Mexico.



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*NWMA I.S. 2-80 and 3-83.



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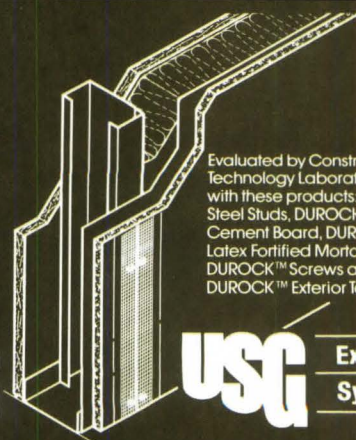
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Gehry Recognized

I really enjoyed the issue on Frank Gehry (P/A, October 1986) and I particularly enjoyed your editorial comments.

You are right, Southern California has a peculiar mindset toward appreciation of its local talent and I think Frank is probably more appreciated nationally than he is locally. For that reason, I was really delighted to see his body of work profiled in *Progressive Architecture*.

Julia Thomas

Bobrow/Thomas & Associates
Los Angeles, Calif.

Mies in Full Color

I wish to extend my belated congratulations for the coverage you provided of the reconstructed Barcelona pavilion (P/A, Aug. 1986, p. 61). Considerably (and, if you will forgive me, surprisingly) better than your competitors, e.g., *Architectural Record*, in our current world of anti-"International Style."

As a 1984 recipient of a NEH grant, I had the opportunity to explore the work of Mies van der Rohe in much greater detail (and in retrospective) at Columbia University, under the guidance of Professor Richard Pommer. One need only read some of the more competent works, especially the more recent, on this master to understand that what we architects have all been fed in architectural history courses ad nauseam, i.e., that these designers worked in black-and-white, was simply not true. Color photography was just not available at the time, and the lasting impressions of many of the "classic works," unfortunately, do not do them justice.

I was especially interested in reading the comments in the "Views" column in your October issue on this subject. To answer some of Professor Chiu-Hwa Wang's concerns, the plan of this structure has been duplicated so many times over the years, very often erroneously and without scale, that the size of the building has never been revealed (especially in photographs without humans for reference). It is my

understanding that the initial design was shortened in length, but, the final design consisted of a podium measuring 55.50 meters (185 feet 6 inches) long, 18.70 meters (61 feet 5 inches) in width (across the larger reflecting pool) and 1.20 meters (3 feet 11 inches) in height at the front steps. It should be noted, however, that in spite of the published drawings, the design, as originally built, was "shaved," both in dimension and finish, in those areas out of public view for, the old standard, "budgetary reasons." Since the building was not intended "to last," there apparently was very little interest in achieving those things we all struggle for today, e.g., watertight integrity and rainwater disposition.

It is interesting to note that a contemporary reporter in the trade press (see *Architectural Forum*, November 1929, a sixteen-page, mostly-illustrated coverage) could only relate to the old Barcelona and the Beaux-Arts structures of the exposition. "Germany... [and others]... have buildings of sorts, but only Italy, Belgium and France have erected distinctive and consequential pavilions" (none of which were illustrated). I have never seen *them* anywhere!

For your readers, one of the better coverages of Mies' structure, albeit in black-and-white photos and text, is in Wolf Tegethoff's *Mies van der Rohe: The Villas and Country Houses*, MIT Press, English edition 1985.

It would be very interesting to see how the "architecture of today" in only black-and-white photographs might be considered by future historians. I never judge a book by its cover, and I have little faith in those who critique a building that they have never seen or experienced. Accordingly, I withhold comment on the featured work of Frank Gehry. Like the doubting Thomas, I will wait until I can experience it myself, which I will, someday, do.
William Victor Kriebel, RA
Kriebel & Kriebel Architects
Philadelphia, Pa.

Taliesin's Goals

I appreciate Architect Robert McCarter's concerns for the Taliesins and related resources as expressed so well in the September issue (Views, p. 10). Let me assure him that one of the primary goals of the Taliesin Fellowship is the preservation of these priceless landmarks and the drawings of Frank Lloyd Wright. Against considerable odds we have been striving to do just that. We welcome all the help we can get. It would be good if Mr. McCarter would start a fund drive for acquisition of the considerable acreage on the northern, mountain view borders of Taliesin West which, if developed, will obstruct the clear view of the mountain backdrop it now enjoys. Or, perhaps he would like to raise money to purchase the drawings offered for sale so that they could be returned to the archives where they will be available for scholars and interested students from all over the world.

If SOM wants to contribute, fine. Thus far it has acquired a historical masterpiece. This is commendable. But is this a contribution to the legacy of Frank Lloyd Wright or a wise investment? If Domino Pizza wants to contribute, no one is standing in its way. Thus far all it has done is to wrap itself in the borrowed glory of a great man. We have seen no evidence of the kind of support the two landmark properties need.

S.C. Johnson and Sons, H.C. Price, and a few unsung heroes: a contractor, a CAD program author, clients, a newspaper editor, a great actor, countless ex-apprentices, and friends have contributed funds or time or both. But the architectural profession as a body? The government of the United States through its Department of Interior has been at times helpful as have been the states of Wisconsin, Arizona, and the City of Scottsdale. Stuart Udall has been a good friend and supporter. Senator Goldwater has lent his name.

Architect McCarter should know that the Taliesin Gates development is an attempt to generate funds for the above stated goal. Threatened by encroaching development, it seemed reasonable for us at Taliesin to attempt to develop the small parcel of land cut off from the principal property by a U.S. Bureau of Reclamation-sponsored canal and power lines and a proposed City of Scottsdale 4-lane parkway. As urban development began to lap at our shores we took steps to provide something better by showing how development can be sympathetic with the desert. We expect the project to be successful.

As for the archives, thanks to the efforts of Bruce Brooks Pfeiffer, they are in better condition and their resources more available than ever before. But there has been no systematic dismantling and dispersal of them. A limited number of drawings were offered for sale for the purpose of starting an endowment fund. Many of the drawings have been carefully photographed, reproduced, and published to make them available to the increasing numbers of interested persons as well as to raise funds for a permanent archive building.

If someone or several someone care to contribute several million dollars to the endowment fund, we can attain our goals. We welcome support as well as suggestions as to what should be done.

Charles Montooth, AIA, AICP
Taliesin Associated Architects
Spring Green, Wisc.

Lamp Credit

The Agamennone floor lamp illustrated in the Designer's Saturday product section (P/A, Sept. 1986, p. 14DS) was incorrectly attributed to Ernesto Gismondi. The designer of the lamp is Emilio Ambasz.

Consultant Credit Extended

Electrical Consultant for the Frances Howard Goldwyn Hollywood Regional Branch Library was Athans Enterprises.

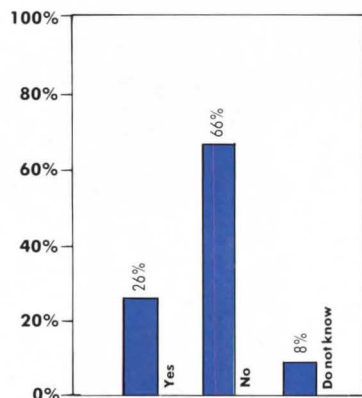


Figure 10 "Has the lack or inadequacy of liability insurance kept your firm from accepting any commissions?"

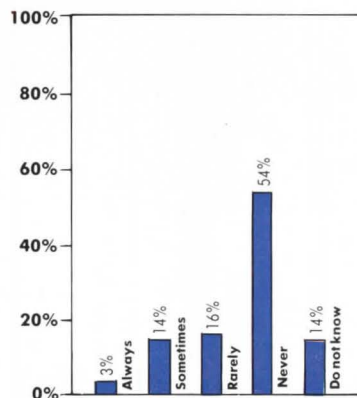


Figure 11 "Does your firm use project-specific liability insurance policies?"

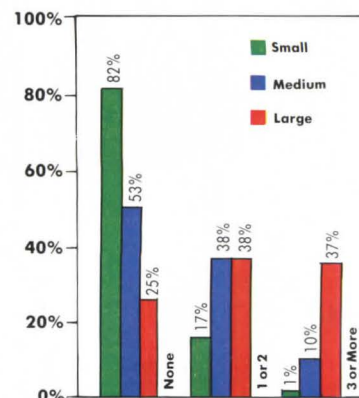


Figure 12 Lawsuits experienced in the past two years, by size of firm.

apparently reluctant to report amounts of cash settlements, but among the 60 who did give amounts, the average settlement was about \$20,000.

Lawsuit situations (Figure 14)

Owners are by far the likeliest source of lawsuits against architects, although suits from the public and from contractors are significant in number. Commercial projects are much more likely than other types to involve the firm in lawsuits, but that generalization probably indicates little about the risks involved in specific types of projects; P/A's editors hear frequently about the liability problems of condominium projects, for which lawyers are offering to start suits over detectable faults as soon as buildings are turned over to occupants.

Perceived causes (Figure 15)

When asked about the causes behind their exposure to lawsuits, readers cited "faulty communications among parties" as most important, but several other factors follow fairly closely.

Readers from large firms, however, ranked these causes quite differently from all the others, citing "product or installation failures" first, followed by the other factors in roughly the order perceived by other readers. Staff professionals differed

on this point from owners/principals: Staff architects identified "faulty communications" as the chief culprit, by an even larger ratio than other readers (64 percent), but also ranked "product failures" higher than most of those polled; project architects put the largest portion of blame (58 percent) on "errors in drawings and specs" and put notably more stress on "faulty design" (27 percent) than did any other category of reader. Obviously, perspectives on the causes vary with the respondents' positions in the process.

Morrison & Morrison observe that readers as a whole tended to ascribe liability problems strongly to factors beyond their control, putting overzealous lawyers near the head of their lists and giving substantial weight to product and installation failures. But the factor ranked as most important, "faulty communications," is harder to classify: Since communication among parties is an important role of architects, this should be viewed as a factor they can deal with, though not without cooperation from others.

Reducing the threat (Figure 16)

When readers were asked how to reduce their firms' vulnerability to lawsuits, the strategies cited by far the most often were tight-

ening internal quality controls and keeping better documentation of decisions—both clearly involving the firm's own performance. Just as significantly, however, more than one third proposed avoiding certain commissions or clients—implying insurmountable risks. When asked about either increasing control over construction or reducing their contractual responsibilities—essentially opposite strategies—smaller and roughly equal portions of those answering were in favor.

Ranking of all these strategies was remarkably consistent for all readers responding. Staff professionals, as might be expected, put even higher importance on quality control and documentation, less on avoidance of certain jobs; project architects were understandably the least interested in reducing contractual responsibilities. But rankings did not change significantly.

Conclusion

It is apparent, both from participation in this poll and from answers given, that liability is perceived as an owners' and principals' problem. As Morrison & Morrison suggest, this seems to call for an effort to expand awareness among staff members.

Extreme increases in the cost of liability insurance over the

past two years have led a remarkably large percentage of firms to practice with no insurance or at least consider it; the price they pay is a severe limitation on commissions they can accept. The alternative strategies of self-insurance or project-specific insurance with client contribution to the cost have been tried mainly by large firms—and may have limited application for smaller ones.

Although our poll cannot predict, it seems unlikely that increases in lawsuits and liability premiums will continue at recent steep rates. Even so, the situation is more likely to worsen than to improve in the immediate future. Defensive strategies of improved communications and documentation, among others, are obviously advisable. Dramatic improvement can be expected, however, only as legislation is passed limiting liability and reforming the tort laws that make architectural firms such appealing targets for suits.

John Morris Dixon

The next P/A Reader Poll Report, on Career Satisfaction, will appear in the February 1987 issue. With it will appear the questionnaire for the poll to follow that, on the Value of AIA.

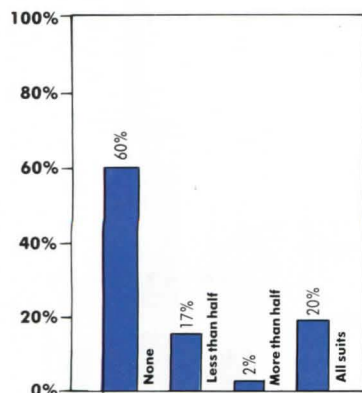


Figure 13 Percent of lawsuits that have resulted in cash settlements.

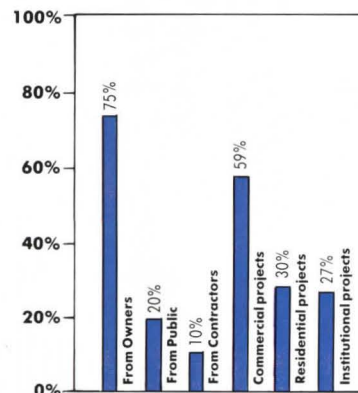


Figure 14 Lawsuits against architects, by source of suit and type of project.

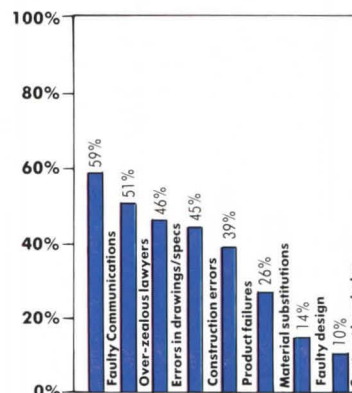


Figure 15 "Which do you feel are the major causes of lawsuits against architectural firms?"

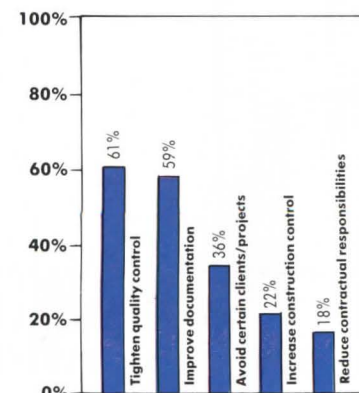


Figure 16 "Which do you feel are the best ways to reduce vulnerability to lawsuits?"

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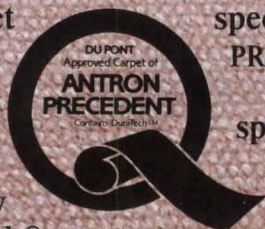
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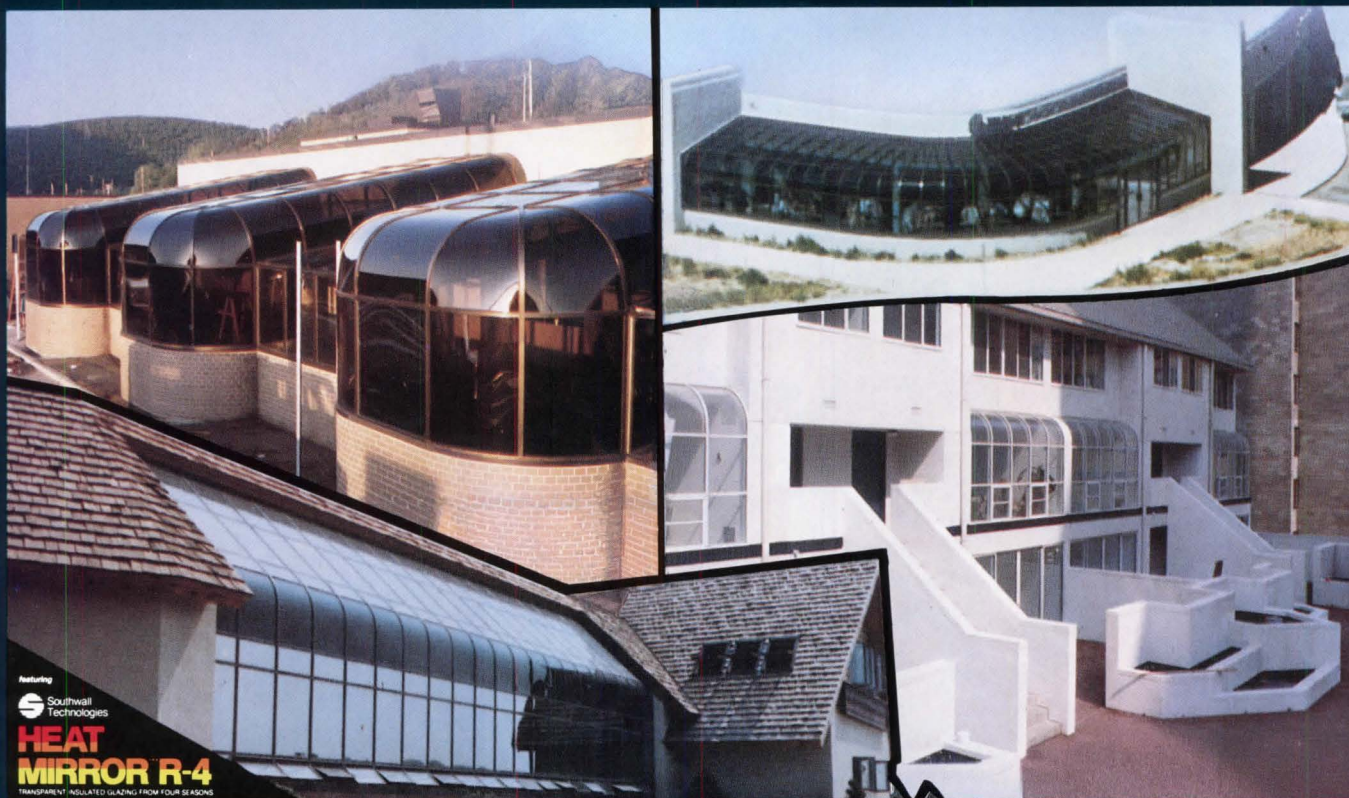
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International Furniture Competition

WINNING PROJECTS TO
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INDUSTRY EVENTS

PROGRESSIVE ARCHITECTURE announces the seventh annual competition recognizing outstanding furniture and lighting design proposals, not yet being marketed by any manufacturer as of entry deadline, January 9, 1987. The competition is intended to give the design professions a forum to express ideas about the next generation of furniture design, at a time when architects and designers are increasingly custom-designing furniture for their projects and manufacturers are increasingly open to fresh ideas. The competition is specifically aimed at furniture intended for use, but the design need not be constrained by existing production or marketing practices. Entries may be based on either fabricated pieces or project drawings. Designers are encouraged to consider the aesthetic and ideological implications for furniture design implied by the current concerns within architecture and other design disciplines.

WINNING PROJECTS will be published in the May 1987 P/A and they will be displayed at major industry events during the year. Winners will be honored in New York City at an awards ceremony in early May attended by press, designers, and industry manufacturers.

In addition to the exposure afforded the submissions, the competition will encourage further discourse between the entrants and respected furniture producers. Any ongoing discussions will, of course, be up to the individual designers and manufacturers, but benefit to both is anticipated.

SUBMISSIONS are invited in all categories including chairs, seating systems, sofas, tables, desks, work stations, storage systems, lighting, beds, and miscellaneous furniture pieces.

THE JURY FOR THIS COMPETITION

Bruce Burdick, principal, the Burdick Group, San Francisco, Calif., industrial and furniture designer.

Paul Haigh, principal, Haigh Space Ltd., New York, architect and furniture designer.

Eva Jiricna, principal, Jiricna Kerr Associates, London, architect and furniture designer.

Michael Kalil, New York, interior and furniture designer.

Jeffrey Osborne, Design Consultant.

JUDGING

will take place in New York City during the month of February. Designations of *first award*, *award*, and *citation* may be made by the invited jury, based on overall excellence and advances in the art.

[Turn page for rules and entry forms]

DEADLINE FOR SUBMISSION
JANUARY 9, 1987

Entry form
International Furniture Competition

Please fill out all parts and submit, intact, with each entry (see paragraph 11 of instructions). Use typewriter, please. Copies of this form may be used.

ENTRANT:
ADDRESS:

ENTRANT PHONE NUMBER (day):
(evening):

CATEGORY:

ENTRANT:
ADDRESS:

DESIGNER(S) RESPONSIBLE FOR THIS SUBMISSION
(identifiy individual roles if appropriate):

I confirm that the attached entry meets eligibility requirements (paragraph 1-3) and that stipulations of publication agreement (paragraphs 4-6) will be met. I verify that the submission is entirely the work of those listed on this form (or an attached list as necessary).

SIGNATURE
NAME (typed)

FURNITURE COMPETITION
Progressive Architecture
P.O. Box 1361, 600 Summer Street,
Stamford, CT 06904

(Receipt)
Your submission has been received and assigned number:

ENTRANT:
ADDRESS:

ENTRANT:
ADDRESS:

ELIGIBILITY

1 Architects, interior designers, industrial designers, and design students from all countries may enter one or more submissions. 2 Design must be original. If found to be substantially identical to any existing product design, entry will receive no recognition. 3 Designer may be under contract to or in negotiation with a manufacturer for this design, but design must not be available in the marketplace as of entry deadline.

PUBLICATION AGREEMENT

4 If the submission should win, the entrant agrees to make available further information, original drawings or model photographs as necessary, for publication in the May 1987 P/A and exhibition at major industry events. 5 P/A retains the rights to first publication of winning designs and exhibition of all entries. Designer retains rights to design. 6 P/A assumes no obligation for designer's rights. Concerned designers are advised to document their work (date and authorship) and seek counsel on pertinent copyright and patent protections.

SUBMISSION REQUIREMENTS

7 Submissions will not be returned under any circumstances. Do not use original drawings or transparencies unless they are sent with the understanding that they will not be returned. P/A will not accept submissions with outstanding custom duties or postal charges. 8 Drawing(s) and/or model photo(s) of the design should be mounted on one side only of one 20"x 30" foamcore board presented horizontally. Any entry not following this format will be disqualified. 9 There are no limits to the number of illustrations mounted on the board, but all must be visible at once (no overlays to fold back). No actual models will be accepted. Only one design per board 10 Each submission must include a 5"x 7" index card mounted on the front side of the board with the following information typed on it: intended dimensions of the piece of furniture, color(s), materials, components, brief description of important features, design assumptions, and intentions. This information is to be presented in English.

11 Each submission must be accompanied by an entry form, to be found on this page. Reproductions of this form are acceptable. All sections must be filled out (by typewriter, please). Insert entire form into unsealed envelope taped to the back of the submission board. P/A will seal stub of entry form in envelope before judging. 12 For purposes of jury procedures only, projects are to be assigned by the entrant to a category on the entry form. Please identify each entry as one of the following: Chair, Seating System, Sofa, Table, Desk, Work Station, Storage System, Lighting, Bed. If necessary, the category "Miscellaneous" may be designated. 13 Entry fee of \$35 must accompany each submission, inserted into unsealed envelope containing entry form (see 11 above). Make check or money order (no cash) payable to Progressive Architecture.

14 To maintain anonymity, no identification of the entrant may appear on any part of the submission, except on entry form. Designer should attach list of collaborators to be credited if necessary. 15 Packages can contain more than one entry; total number of boards must be indicated on front of package. 16 Deadline for sending entries is January 9, 1987. First class mail or other prompt methods of delivery are acceptable. Entries must show postmark or other evidence of being en route by midnight, January 9. Hand-delivered entries must be received at street address shown here by 5 p.m., January 9.

ADDRESS ENTRIES TO:
International Furniture Competition
Progressive Architecture
600 Summer Street
P.O. Box 1361
Stamford, CT 06904

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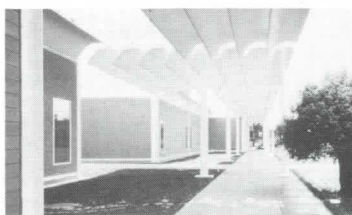
Eisenman, model for "Moving Arrows," 1985.

Peter Eisenman: Absent Architecture

During the past eight years, Peter Eisenman has moved away from the highly theoretical houses of the 1970s to embrace the demands of major commissions with real sites and complex programs. "Peter Eisenman: An Architecture of Absence" at the Contemporary Arts Center in Cincinnati—the largest exhibit ever put together about Eisenman—documents that transformation in a series of six projects beginning with his unbuilt 1978 Cannaregio town square for Venice.

Drawings, sketches, models, and photographs are accompanied by explanatory labels written by guest curator Jayne Merkel. Despite the absence of a critical catalog, the exhibit raises questions about the relationship between theory and form in Eisenman's work and reveals the architect's growing interest in architectural drawings and models as gallery art.

The show suggests that Eisenman's formerly pure abstraction (continued on page 34)



Piano, The Menil Collection, Houston.

Piano and Palladio: Virtuoso Duet

A jewel of Italian classical architecture, Palladio's Basilica in Vicenza played host this fall to an exhibition of the work of Renzo Piano. This event, honoring the 50-year-old architect from Genoa, is the first step in the Basilica's rebirth as a small-scale Centre Pompidou for this inland Venetian region.

The author of the Basilica's renovation is Piano himself. He plans to reshape the interior through a system of mobile elements that can accommodate the differing requirements of conferences, exhibitions, dance, or theatrical events.

With only a hint at polemics, Piano qualifies himself as "an Italian who acts, as distinct from those who talk only." He is, in effect, a very special kind of Ital-

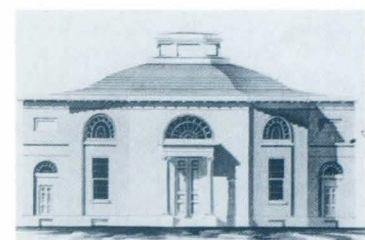
(continued on bottom of page 33)

Philadelphia Drawings Show

The venerable Pennsylvania Academy of Fine Arts is the setting for the exhibition "Drawing toward Building: Philadelphia Architectural Graphics, 1732–1986" (on view through January 4). Generously installed in Furness's superb academy, the show reminds us of Philadelphia's unsurpassed contributions to American architecture.

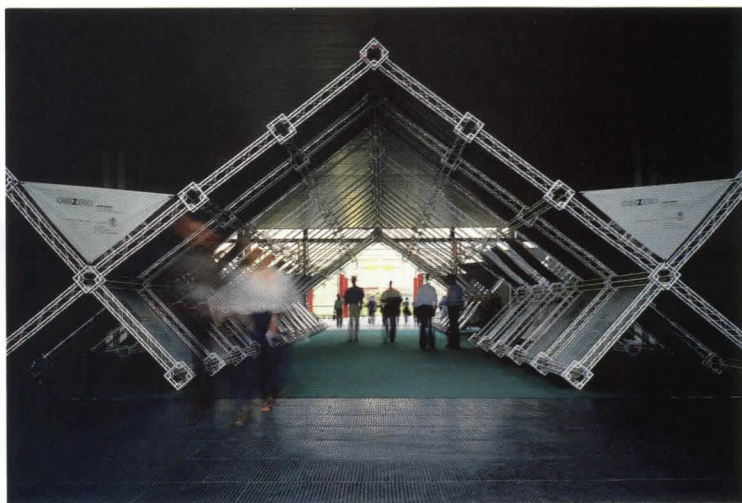
Philadelphia has been home to a remarkably impressive and diverse roster of architects over two-and-a-half centuries, and many of them have been noted for exceptional drawing as well as for nationally influential design. From the early days of the republic, the show includes renderings by Latrobe, Mills, and Strickland. Dating from mid-

(continued on page 26)



Robert Mills, Unitarian Church, 1812.

South Carolina Historical Society



De Pas, D'Urbino, Lomazzi's modular display system for Quattrocchio was introduced at the Milan Furniture Fair. See p. 38.

Pencil Points

Richard Meier has been selected to design a pair of new buildings at Cornell University. His expansion of Sibley Hall, home of the College of Architecture, Art and Planning, will combine with the new Alumni and Admissions Center to form a northern gateway to the campus.

Benjamin Thompson & Associates of Cambridge has been selected by the Grand Central Partnership to study the 40-block area surrounding Grand Central Terminal in New York. The architects propose to upgrade the area through new signage, street and building lighting, landscaping, and retail frontage.

A **Philadelphia Chippendale wing chair** was sold last month at Sotheby's for a record \$1.1 million, highest price ever paid at auction for a piece of American furniture.

Graham Gund Architects, Cambridge, will design the Fernbank Museum of Natural History in Atlanta. The 150,000-square-foot museum is to open in spring, 1989.

Georgia Institute of Technology College of Architecture has established a national Construction Research Center. Georgia Tech is now raising a \$2.5 million endowment, and searching for a director for the Center.

Architect Barton Myers and author **Jane Jacobs** are two of eight recipients of the inaugural Toronto Arts Awards.

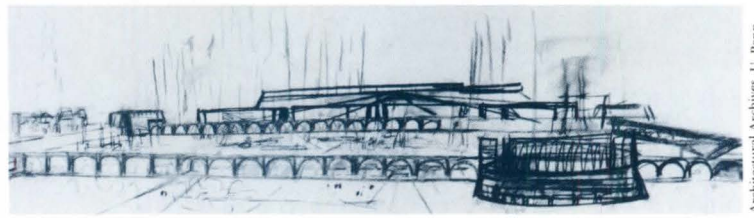
Herman Miller, Inc., has acquired **Helikon Furniture Company**. Helikon, manufacturer of wood office furniture, will operate as a wholly-owned subsidiary.

Steelcase Inc., office furniture manufacturer, has acquired **Data Management Corporation**. Data Management, leading supplier of computer software to office furniture dealers, will operate under the name **Hedberg Data Systems**.

James Stirling has won a competition to design a new gallery for the Thyssen-Bornemisza collection at the Villa Favorita, Lugano, Switzerland. Also competing for the commission were **Atelier 5**, Berne; **Mario Botta**, Lugano; **Hans Hollein**, Vienna; and **Ruch & Huesler**, St. Moritz.

Designer's Saturday: Transition

For those who attended the 19th annual Designer's Saturday in New York (October 9-11), it was clear that the event is in a state of transition. In Manhattan, it was business as usual, with no major showroom remodelings and few surprises in product introductions. While the migration of New York's interior furnishings industry to the IDCNY in Long Island City is proceeding more slowly than anticipated, there were still many new showrooms to see there. In general, their tone was a safe one, but there were some notable exceptions. Modern Mode's unorthodox office-system display was designed by Haigh Space, and Mario Botta created an arresting composition in brick for ICF. Allsteel spiced up a conservative showroom with one of SITE's startling tableaux—pieces of vintage office furniture emerging from (or submerged by) drifting sands. The social highlight of the event was the IDC opening of the fourth "40 Under 40" exhibition, the show of young architectural talent originally conceived by the Architectural League of New York, but sponsored this time by *Interiors* magazine. **Pilar Viladas**



Louis Kahn, Market Street East, Philadelphia.

Drawings (continued from page 25) century is precedent-setting work by Thomas U. Walter, Napoleon LeBrun, and John Notman. Then come drawings from the late 19th Century displaying the contrasting impulses of architects such as Furness & Hewitt, John McArthur, Jr., Cope & Stewardson, and Wilson Eyre, Jr. The turn-of-the-century triumph of the Beaux-Arts is eloquently represented in drawings by Paul Cret and Horace Trumbauer.

Philadelphia's contributions to the Modern movement are well shown in works by Howe & Lescaze, Louis Kahn, and Mitchell/Giurgola. And the challenge to Modernism led by works of Robert Venturi (with various partners) is carried forward by such younger talents as John Blatteau, Tony Atkin, and Friday Architects. Philadelphia's pivotal role in the field of planning is documented in key drawings by some of the above firms,

plus such offices as Wallace McHarg Roberts & Todd (now Wallace Roberts & Todd), and David A. Crane & Partners.

The assembly of works for this show was a complex process—in which this writer played a small part—and the complexity can be detected in some inconsistencies within the show. Three guest curators specialized in the 18th, 19th, and 20th Centuries: Jeffrey A. Cohen, George E. Thomas, and G. Holmes Perkins, respectively. Their approaches range from a straightforward chronological hanging in the first portion, to the appearance of some thematic clusters in the 19th-Century section, to an organization by type for works of this century—a strategy that brings together such categories as housing and planning in revealing ways, but plays down the stylistic shift in which Philadelphians such as Kahn and Venturi played crucial roles.

The final portion of the exhibition was selected on the basis of a competition open to all architects currently practicing in Philadelphia, by a jury comprising architects John Hejduk and Charles Moore, historian James O'Gorman, curator John Zukowsky, and me (all out-of-towners). Our selection suffered a bit from some disappointing voids in the submissions and by the (understandable) shifting of a few outstanding submitted items to Perkins' curated section on the 20th Century. Some opportunities may also have been lost because the jury met in June 1984, two years before the show's opening. Still, this portion of the show stands up as well as can be expected compared with masterworks of the two preceding centuries.

Installation here is admirably clear but uneventful. Except for an obtrusive set of display partitions in the first section, it reflects due respect for Furness's handsome rooms. Labels and text on the walls are brief, but should put the works into adequate perspective for viewers. And for those encouraged to learn more, a hard-covered (only) catalog with extensive essays by the curators is available (University of Pennsylvania Press, 1986, \$49.95). **John Morris Dixon**



Mario Botta lecture at IDCNY, Designer's Saturday.

A Bold Plan for Brooklyn Museum

For the second time in less than a century, the Brooklyn Museum has put its faith in the competition process, and for the second time that faith has been rewarded.

McKim, Mead & White won the first contest in 1893 with a visionary Beaux-Arts scheme that remains for many the apotheosis of American classicism. Now the team of Arata Isozaki & Associates, Tokyo, and James Stewart Polshek & Partners, New York, have won the master plan competition.

Like its Manhattan counterparts—or competitors—the Brooklyn Museum has seized upon construction as the solution to a variety of institutional woes. Director Robert T. Buck chants the now-common litany of cramped exhibition space and crowded storage, antiquated offices and dysfunctional public space. However, the Brooklyn Museum differs significantly from other New York museums now contemplating or completing expansion programs, both in its location—at once an asset and a liability—and its building, which is in reality not a building so much as a fragment. Barely one sixth of McKim, Mead &



Winning master plan for Brooklyn Museum by Isozaki/Polshek.

White's 1.5 million-square-foot palace was ever executed. Only one of the four monumental courts was completed, and piecemeal alterations over time have done dramatic damage.

Thus the Museum's first task is to restore its Beaux-Arts building, which Buck rightly regards as "part of our collection." The monumental entrance stair, removed for "functional" reasons in 1934, is to be replaced and the grand piano nobile restored as the Museum's main floor.

Restoration, however, forms only a fraction of this ambitious \$200 million expansion plan. The exhaustive competition pro-

gram, prepared by the Museum with the assistance of New York architect Terrance Williams, reflects the needs of the 1980s museum: vastly expanded educational space, restaurant, shops, and flexible galleries.

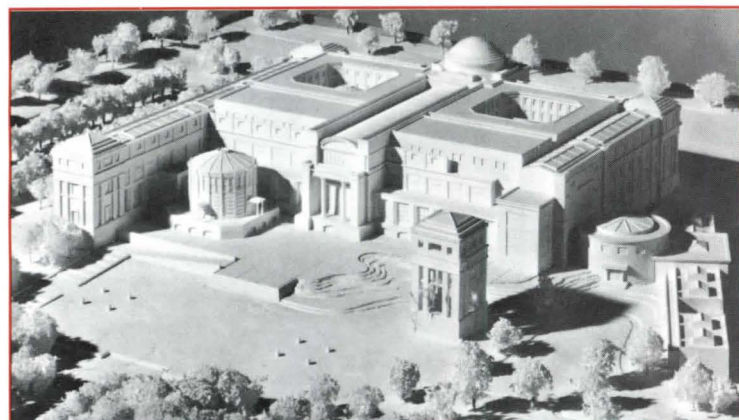
All five finalists, each paid a \$50,000 stipend for their efforts, resist the impractical temptation to complete Charles McKim's complex as he designed it; still, McKim was very much on the minds of at least three design teams. Atkin, Voith & Associates/Rothzeit Kaiserman Thomson & Bee; Skidmore, Owings & Merrill Studio Four/The Vitetta Group; and Kohn Pedersen Fox

Associates all turned in conservative, classicizing schemes. Voorsanger & Mills, on the other hand, seem to have taken their design cues from Prentice & Chan, Ohlhausen's mildly modern service wing of 1980.

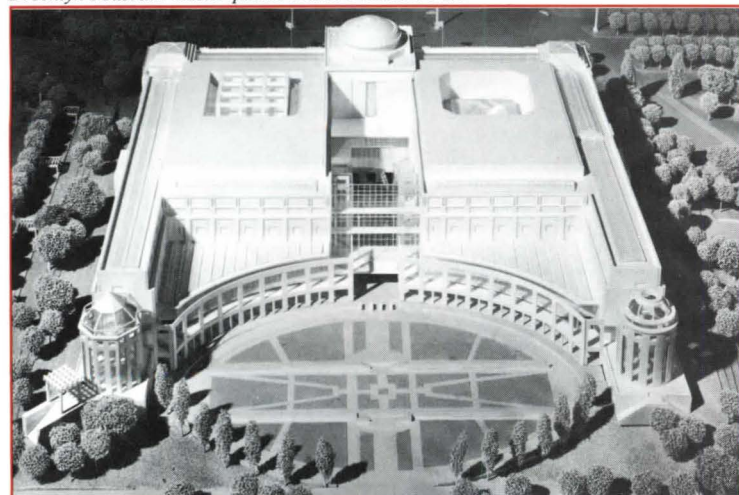
Isozaki/Polshek took the biggest risk, and won with it. While described by the architects as a complete collaboration, their scheme bears Isozaki's strong signature in materials and massing. Most astonishing is the central obelisk, which Buck regards enthusiastically as a skyline-scaled symbol of the Museum's outstanding Egyptian collection. Renderings shown by the director at a Williams College symposium on museums (see story, page 28) also suggest a powerful internal space akin to the Metropolitan Museum's Great Hall, or Grand Central Terminal.

The problem now, of course, is funding. We haven't got a cent, says Buck. It's hard to raise money for storage, worries James Garrison of Polshek & Partners. Yet backstage spaces—storage, freight facilities, mechanical improvements, and offices—account for roughly half of the expansion program. The museum must now find as creative a financial solution as it has an architectural one.

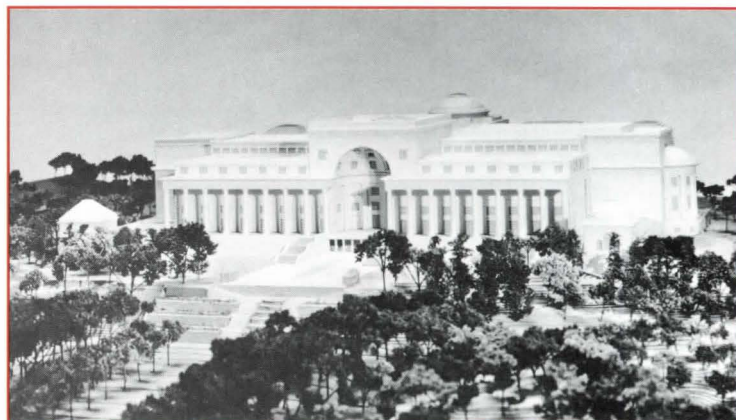
Daralice D. Boles



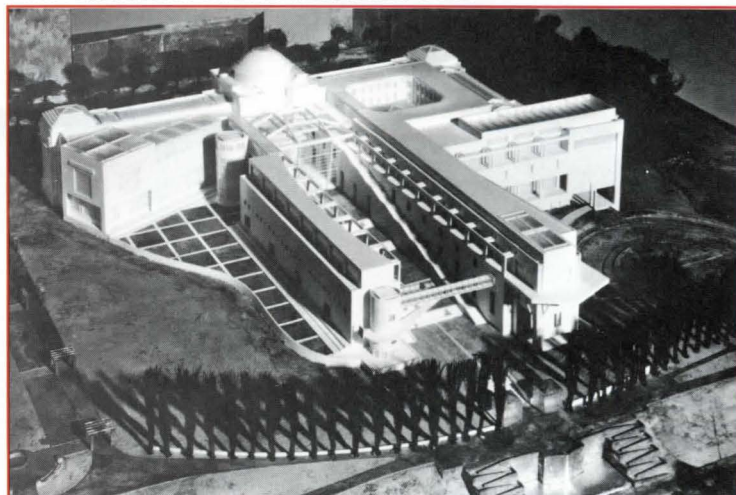
Brooklyn Museum master plans: Kohn Pedersen Fox.



SOM with Studio Four/Vitetta.



Atkin/Voith with Rothzeit Kaiserman Thomson & Bee.



Voorsanger & Mills.



New Craft Museum interior.

Randy Long, *Vessel* in craft show.

Art and Craft In New York

The institution arguably most responsible for the current crafts revival opened its new home to the public last month.

In an astute real estate deal, the American Craft Museum traded its former home, a brownstone most valued for its location on West 53rd Street, for a new 15,000-square-foot condominium in the same location beneath the new E.F. Hutton tower. The new space, designed by New York architects Fox & Fowle (Bruce Fowle, partner-in-charge) adheres blandly to the neutral-box school of museum design, its most notable architectural feature a 21-foot-high by 72-foot-long glass wall that opens to a view of the Museum of Modern Art.



Vanderbilt's Library, 1883. Table in foreground is in Metropolitan show.

The clever section affords glimpses of all three exhibit floors from the entrance atrium, but the central stair, a spiral stretched in plan, is strictly a watch-your-feet experience.

The opening show "Poetry of the Physical" (through March 22, 1987; then on view in Denver; Laguna Beach, Calif.; Milwaukee; Louisville; and Richmond) brings together over 300 objects crafted by 286 artisans since 1980. The encyclopedic survey of furniture, jewelry, tapestry, ceramics, and objets d'art is uneven in quality, and, given the emphasis on very recent work, trendy to a fault.

A second show uptown, at the Metropolitan Museum of Art, provides an unintended foil to the Craft Museum's survey of the present. "In Pursuit of Beauty: Americans and the Aesthetic Movement" (through January 11, 1987) describes the flowering of American crafts at the end of the 19th Century.

Although artists and architects of the period, from William Merritt Chase to Louis Sullivan, are represented at the Met by a canvas or pencil sketch, it is the craftsmen and decorators—from Christopher Dresser to Louis Comfort Tiffany to the Herter Brothers—who hold sway in this show. And it is the domestic interior, designed for the Vanderbilts or the Havemeyers, that is its setting.

Tiffany and his contemporaries believed that no object was beneath design. "Adornment—decoration," wrote Benn Pitman in *A Plea for American Decorative Arts*, "is the expression of the beautiful as applied to the useful." Unfortunately, all that remains of this rich, if to the modern eye excessive, era is the misused motto "art for art's sake," the apparent justification for all too many works in the Craft Museum show that are neither beautiful nor useful.

Daralice D. Boles

Charles Moore at Williams College

Closed for a year of construction, the Williams College Museum of Art opened again in October with four days of celebrations, symposia, and college-wide convocations. Artist Robert Morris and architect Charles Moore were each honored with Doctorate of Fine Arts degrees for their contributions to Williams College: the former as artist-in-residence, the latter as architect—with Robert Harper of Centerbrook—of the newly renovated museum and its 1983 expansion.

Moore was also made the subject of an inaugural exhibition at the WCMA. ("The Architecture of Charles Moore" will close December 28, then travel to the Hood Museum at Dartmouth College, Jan. 15–March 15, 1987, and the Deutsches Architekturmuseum, Frankfurt, June 15–Sept. 15, 1987.) Curator Eugene J. Johnson left no stone unturned, no attic box unopened for his exhaustive show and accompanying catalog, published by Rizzoli as part of its monograph series on contemporary architects. Moore himself made over 50 new ink-and-watercolor renderings for the show, and he was given free rein in the design of 11 shadow boxes, which he calls memory palaces.

Yet, for all its retrospective flourishes—the vintage architectural photographs of early works, resurrected architectural models, a childhood sampler called "Chuck's Book," and cocktail napkin sketches carefully matted and framed—this show looks forward, not back. By far the most compelling works are those to come—Tegel Harbor, the Beverly Hills Civic Center, and the Moore house in Austin, Texas—which share an architectural strength lacking in Moore's most recent amusement park projects, epitomized by the New Orleans Wonderwall.

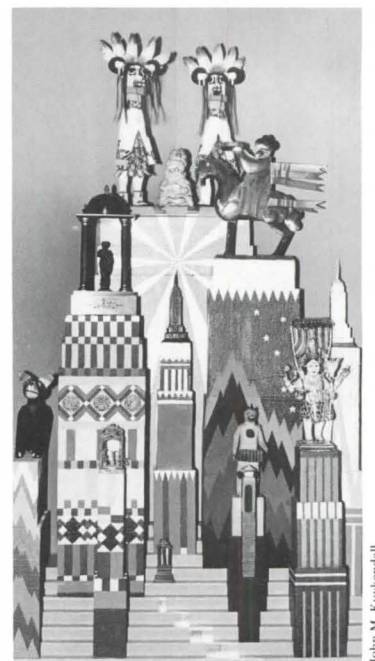
The Williams College Art Museum is itself a first-rate case-study of the architectural ideas detailed in the show. Here, as at their Hood Museum of Dartmouth College, the architects have made a virtue of necessity, sculpting a remarkable variety of comfortable, composed galleries from leftover spaces.

WCMA benefits, as Hood does not, from a generous entrance atrium connecting new and newly renovated wings. Like Hood, however, WCMA has no clear entrance; the obvious "front door" of Lawrence Hall is pragmatically, but perversely

closed, and visitors are routed around to a side door. (Plans to install a monumental sculpture by Anne and Patrick Poirier—a fallen column, whose pieces will mark a Hansel-and-Gretel trail to the new entrance—have been postponed for funding.)

The WCMA staff have not done as good a job as did their Dartmouth counterparts in editing their encyclopedic collection to suit the spaces with which they were provided. The newly renovated galleries of the 1846 Lawrence Hall in particular are poorly served by an installation that does its best to deny what little remained of the former library. Most unfortunate is the installation of Robert Morris's sculpture "Hearing," squeezed into the central rotunda, whose domed ceiling has been painted an improbable purple (the Williams College color).

The fit between art and architecture was, appropriately enough, the subject of a symposium staged as part of the



One of Moore's memory palaces.



New gallery at Williams College.

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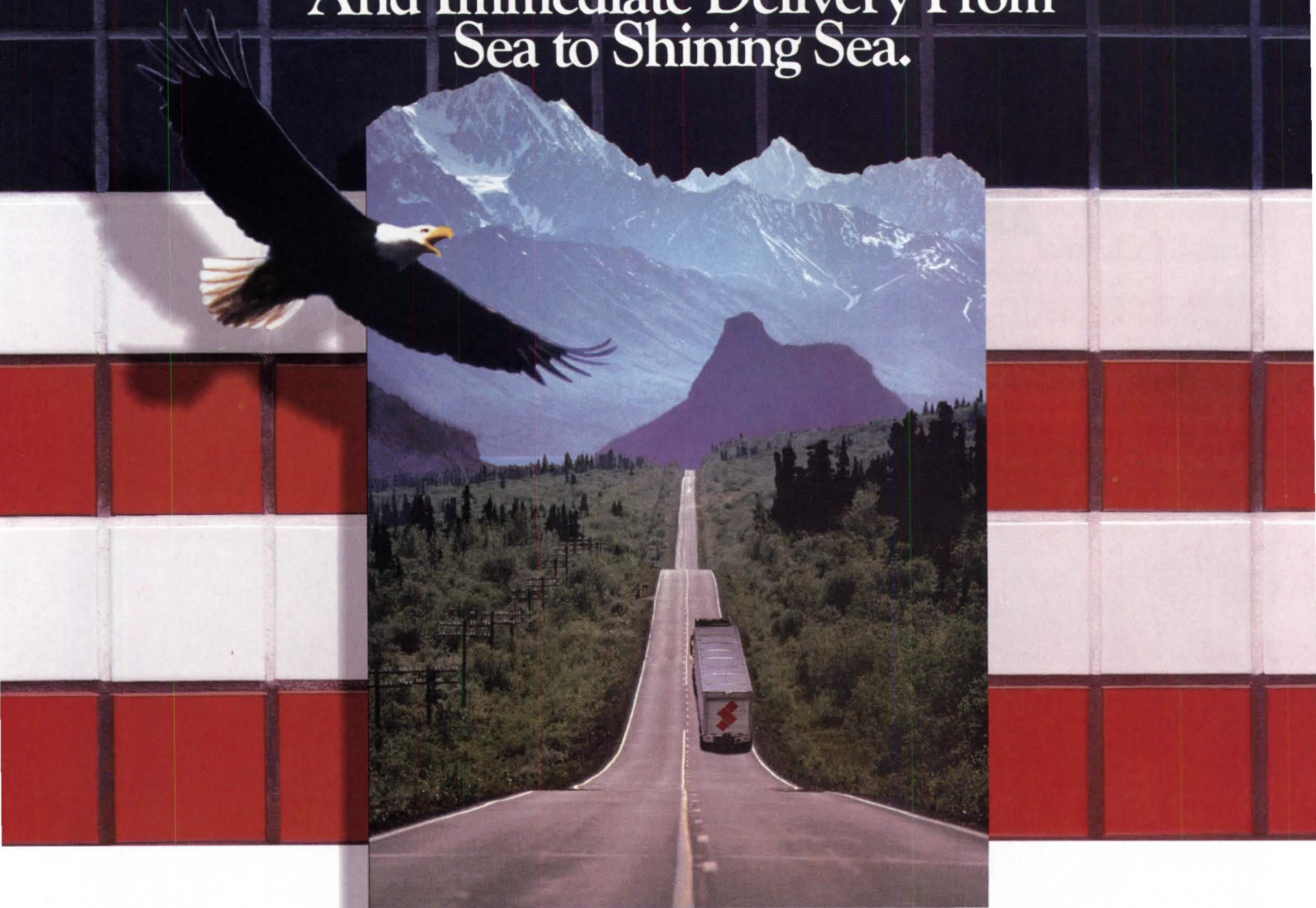


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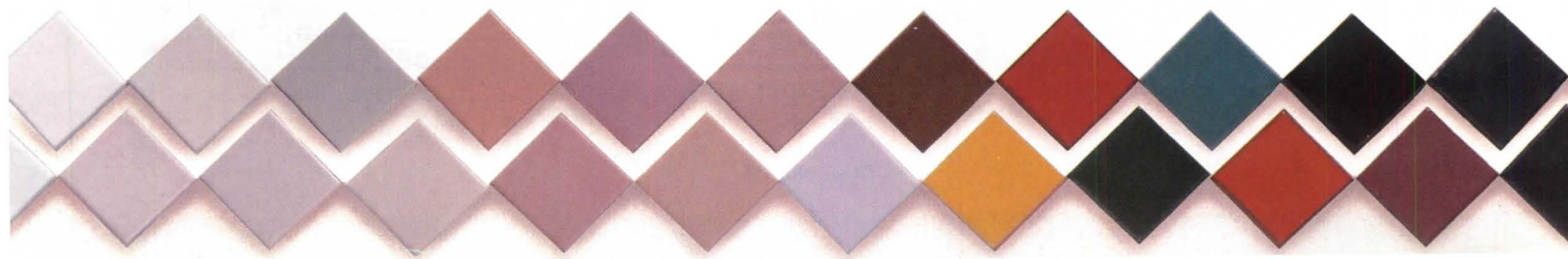
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Academy *(continued from page 30)*

posal for the BBC's new Radio Centre in Portland Place is the show's most saddening. This design was canceled after an enormous amount of work, including a hundred typological research models that are mounted at The Academy as a serial sculpture.

Stirling's museum in Stuttgart (P/A, Oct. 1984, p. 67) needs no introduction. However, unlike the work of Foster and Rogers, it is represented not only by photos, models, and drawings, but by a built collage of its architectural elements. This direct, tactile address distinguishes Stirling from Rogers and Foster, demonstrating his command of expressive "humors" and representational means. These are fully employed in his project for the new wing of the National Gallery, which Stirling continues to develop despite losing the commission to Robert Venturi.

As a demonstration of self-evident mastery and quality, the Academy exhibition is all but unprecedented in modern British architecture. But as a trigger for a democratic and genuinely broad-based architectural revival here, it just won't do. The relevance of the work to the situation in average urban Britain, especially its decaying industrial provinces, is just about nil. Superstars alone cannot make a building culture.

Brian Hatton ■

The author writes for the London-based publication Building Design.

Piano *(continued from page 25)*

ian architect, working actively not only in Genoa in his building workshop, but also in Paris with Atelier Piano and in Houston with the Piano and Fitzgerald office, while spending spare time in the Mediterranean, sailing a schooner he designed and built.

The Basilica exhibition covers Piano's most famous works, from the Centre Pompidou to the De Menil Museum in Houston and the traveling Pavillon d'Exposition IBM, together with new projects. The latter include the Congress Hall in Lyon (new construction, including a plaza, and renovation of the existing fin-de-siècle structure), and an intriguing work for Unesco, which reuses the old walls of Rodi, Greece. Finally, in preparation for the 500th anniversary of the discovery of America, Piano is working on the 1992 Columbus celebrations in Genoa, an ambitious plan that will recover a large, inactive area of the port.

Donatella Smetana ■

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1



2

1. Luca Meda and Aldo Rossi, *Teatro* chair; 2. Luca Meda and Aldo Rossi, *Teatro* table; 3. Norman Foster, *Nomos* work station (photo, Mauro Masera); 4. Ingo Maurer, *Iló-Ilú* lighting 5. Paolo Pallucco and Mireille Rivier, *New York City* folding chair (photo, Giampiero Medori); 6. Paolo Pallucco and Mireille Rivier, *Barba d'argento* armchair (photo, Giampiero Medori); 7. Martin Szekely, *Chaise Carbone*; 8. Jean Prouvé, armchair.

Milan Furniture Fair

In mid-September in oppressive heat and rain, 150,000 visitors plied through the wares of 2600 furniture and lighting manufacturers at the 20th Annual Salone del Mobile in Milan. In addition to the weather, however, there was continued concern about the slump Italian furniture has been in for the past few years, and there was anxiety about one major consumer, the U.S. Specifically, there were fears further dollar devaluation would make imports to the U.S. even more expensive than now, and worry over the possibility of the U.S. initiating protectionist economic policies.

This being an even year, foreign exhibitors were allowed into the fair's 150,000 square meters of exhibit space; 236 of them, mainly from France, Germany, and Scandinavia, came.

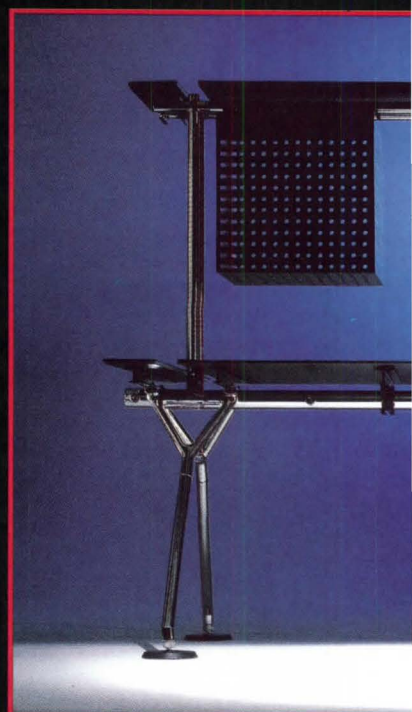
If there was any single discernible trend at all among this year's introductions, it was to be seen in the preponderance of metal furniture. For Molteni, Luca Meda and Aldo Rossi produced variations of their wood *Teatro* chair of 1983 in anodized aluminum with mesh seat and back (1); and they have also added an aluminum and glass top table (2) to the collection.

Paolo Pallucco and Mireille Rivier made a wonderful little folding chair of structural iron, stainless steel, and steel sheet for Pallucco called *New York City* (5) that is only 3.5 cm thick when closed. Their extraordinary *Barba d'argento* armchair (6), though, was one of the most

exciting pieces shown. Its sling seat/back of aluminum tubes connected to stainless steel bicycle chain slung into an iron frame accommodates wide adjustment both up and down and back and forth.

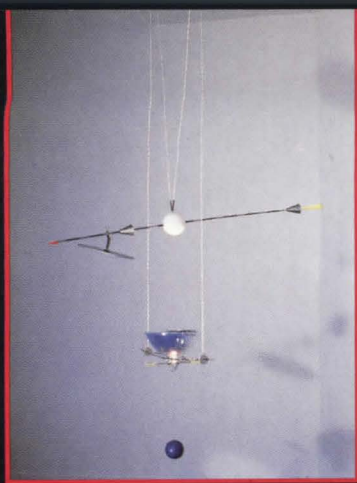
Among the foreign exhibitors, Tecta Möbel of West Germany showed a number of re-issues, including Jean Prouvé's beautiful stainless steel and leather armchair of 1930 (8). The Dutch company Pastoe brought some very interesting examples of new design, including Gerard van den Berg's *Magic Cupboards* of polished steel or painted units on chrome legs of various heights (10). Tribu of France introduced Martin Szekely's handsome and quite advanced *Chaise Carbone* of metal tube legs with heat-formed preimpregnated carbon fiber seat and back (7).

In the lighting (*Euroluce*) section, Ingo Maurer continued his explorations of low-voltage design of simple components that keep technical concerns to an absolute minimum; his *Iló-Ilú* (4) is a 12-volt, 50-watt halogen suspension lamp that is adjustable by counterweights. Another hanging lamp, the *Mito* (9) by Ferdinand Porsche for Luci, had four halogen bulbs adjustable for both height

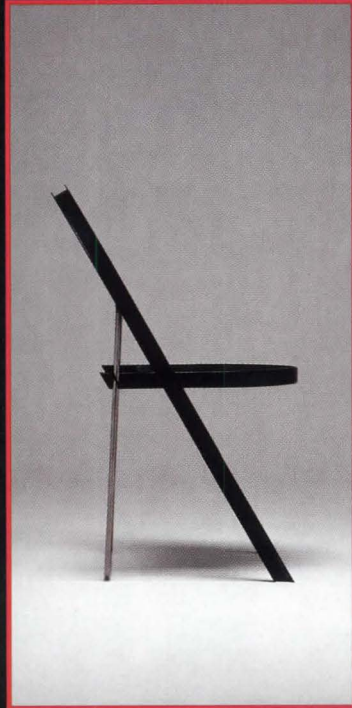
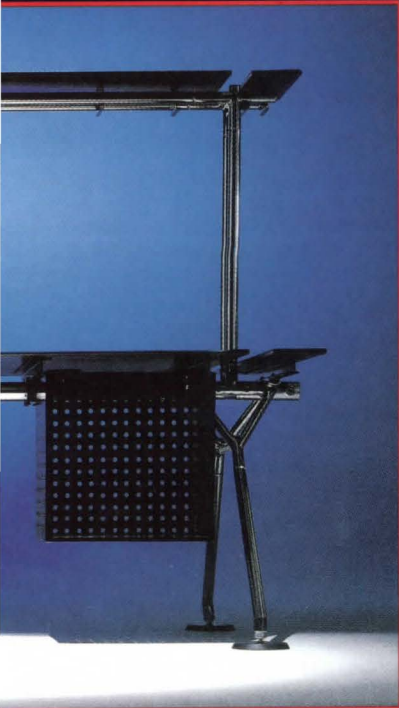


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and direction. Emilio Ambasz's *Soffio* system (12) for Sirrah was the most versatile lighting shown. The modular hanging system contains two channels that take fluorescent, halogen, or filament lights that can be directed up and down, can be easily mixed or interchanged, and come with self-extinguishing fabric diffusers that are easily removed for washing. Artemide, as usual, showed fascinating new designs, this year by Michele De Lucchi, Mario Botta, Ernesto Gismondi, and Carlo Forcolini.



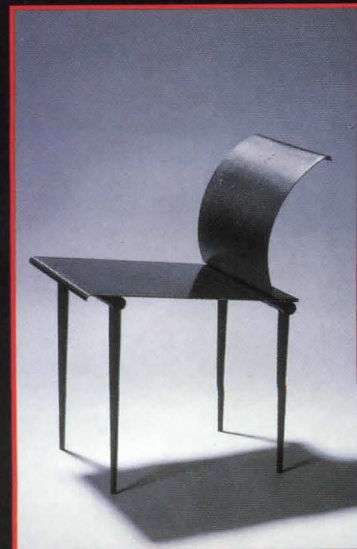
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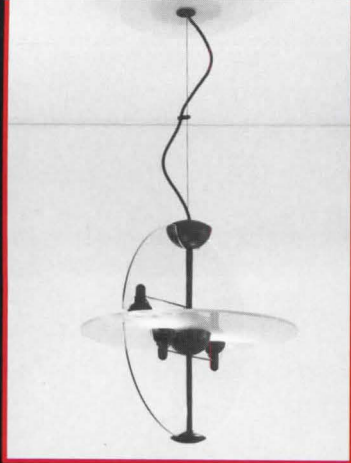


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Metal furniture was in, Memphis out at this year's Milan Furniture Fair. Highlights, including new works by Ambasz, Botta, and Foster are featured in this special section.

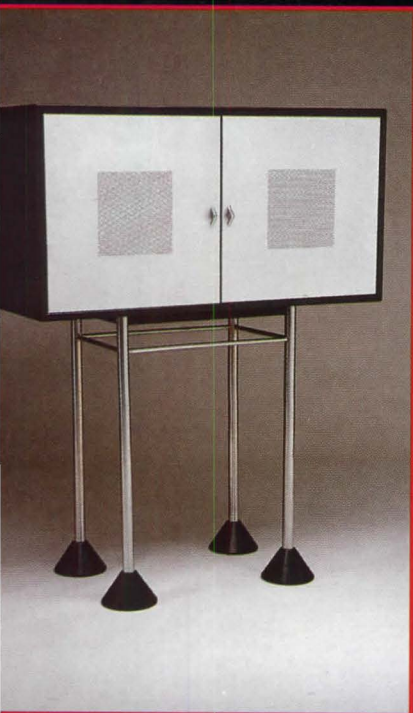


9 The latter continues his work in aluminum and glass, seen earlier in the beautiful Icarus wall sconce, with the new Olimpia floor lamp (14).

As always, some of the most important revelations were not at the fairgrounds at all, but at various galleries and showrooms around the city, where both Norman Foster and Mario Botta, among others, introduced new work. For many, Foster's Nomos office furniture system (3) for Tecno was the highlight of the week. This stunning high-tech collection of tables and work stations is beautifully crafted of cast stainless steel structure with polycarbon laminate work surfaces. It was produced, Foster said, because he couldn't find any other office furniture he wanted.

Mario Botta continued his artful exploration of metal furniture with the new Tesi table (13) for Alias, which will be introduced to the U.S. later by ICF. The support for the glass top is of perforated and mesh steel constructed like a bridge. Also for Alias, Carlo Forcolini's Signorina Chan lounge chair (11) has an unusual frame of galvanized steel supporting arched cushions of polyurethane foam.

In general, you had to look hard this year to find much that was fresh in the way of wood or along the lines of Memphis. What experimentation there was showed a serious, rather than the more lyrical (and to some frivolous) façade of the recent past. There seemed to be little looking back to the comfort and security of earlier times. This was definitely not a fair for nostalgia. *David Morton* ■



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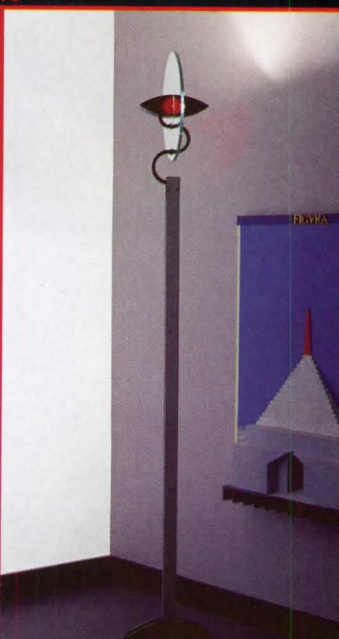
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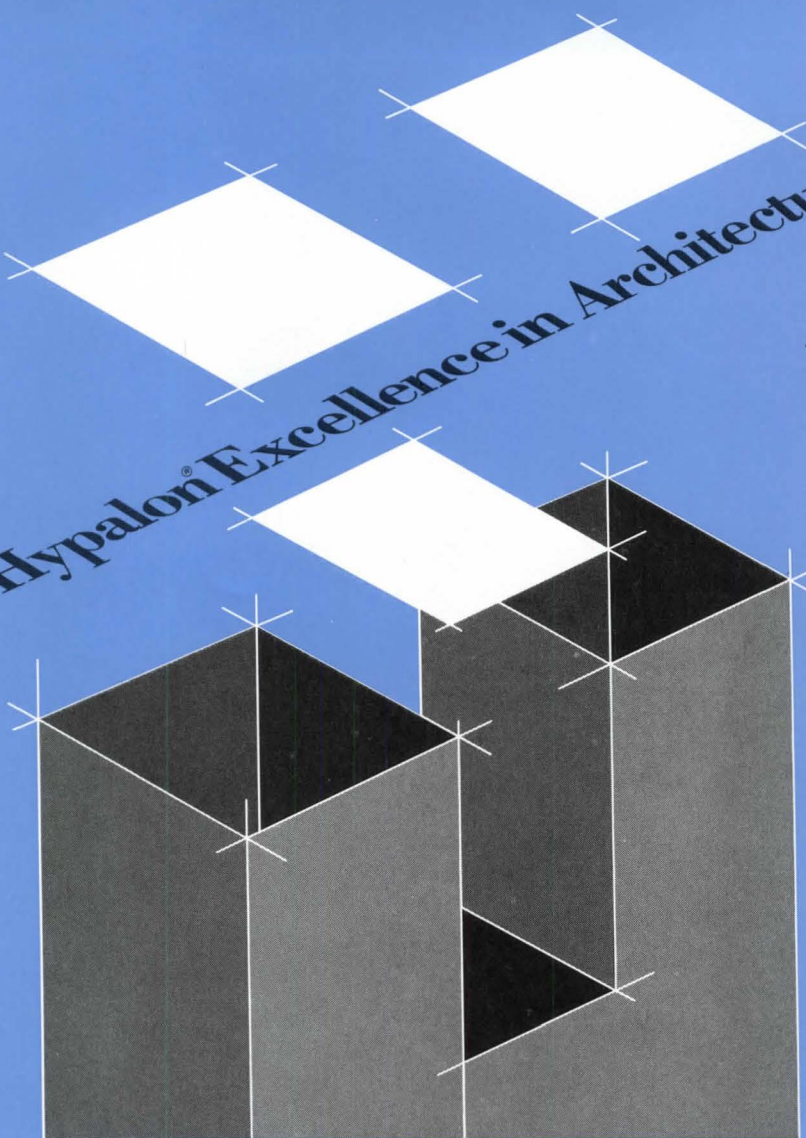
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9. Ferdinand Porsche, Mito lamp; 10. Gerard van den Berg, Magic Cupboard; 11. Carlo Forcolini, Signorina Chan chair; 12. Emilio Ambasz, Soffio lighting system (photo, Santi Caleca); 13. Mario Botta, Tesi table; 14. Carlo Forcolini, Olimpia floor lamp (photo, Aldo Ballo).

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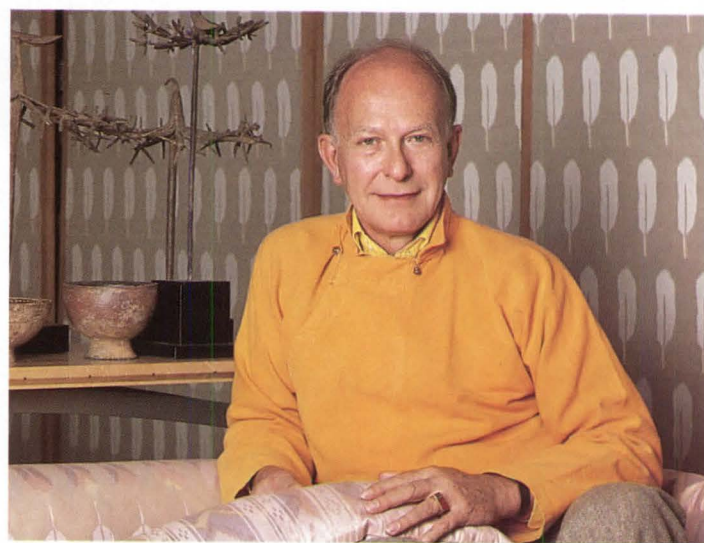
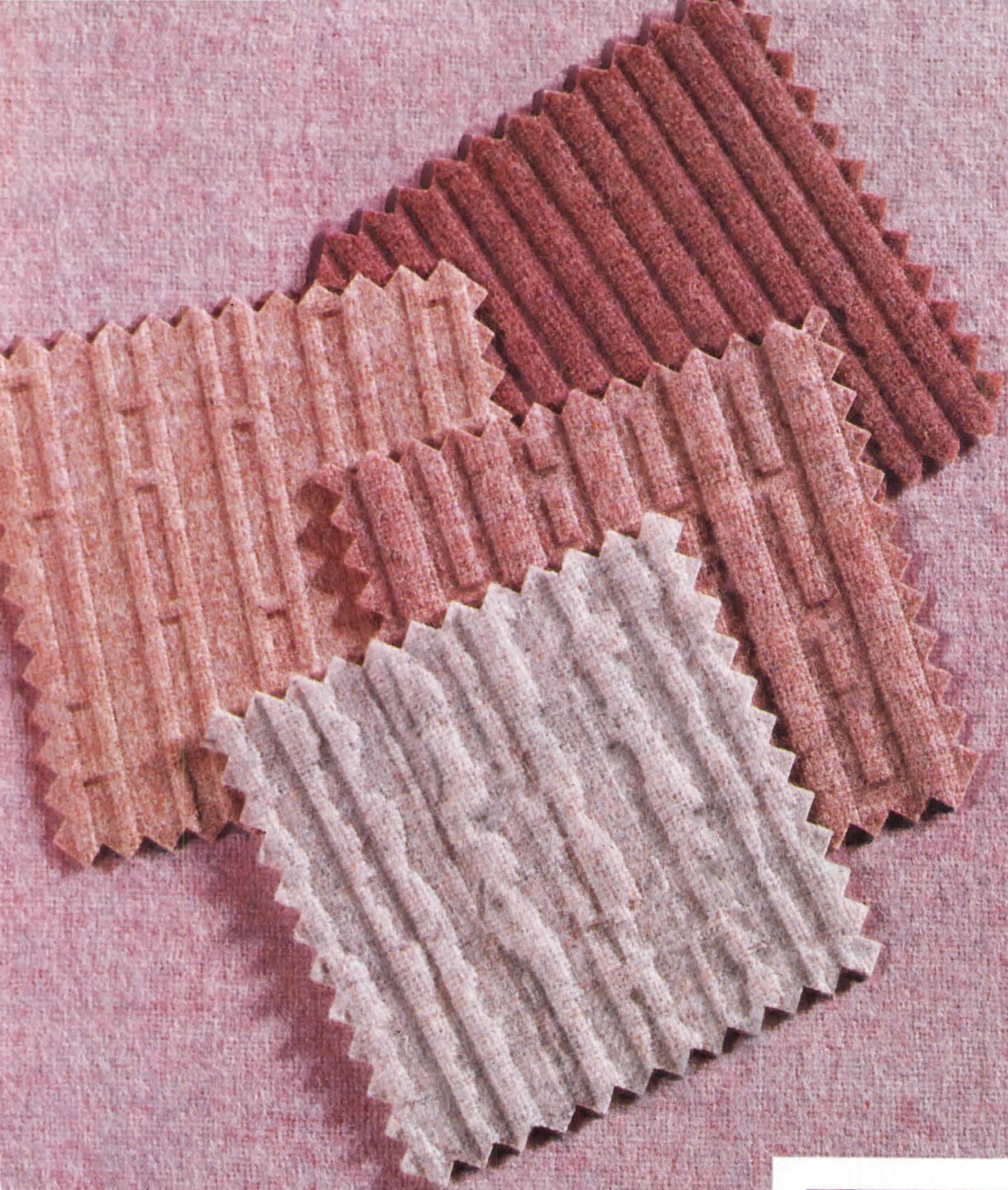
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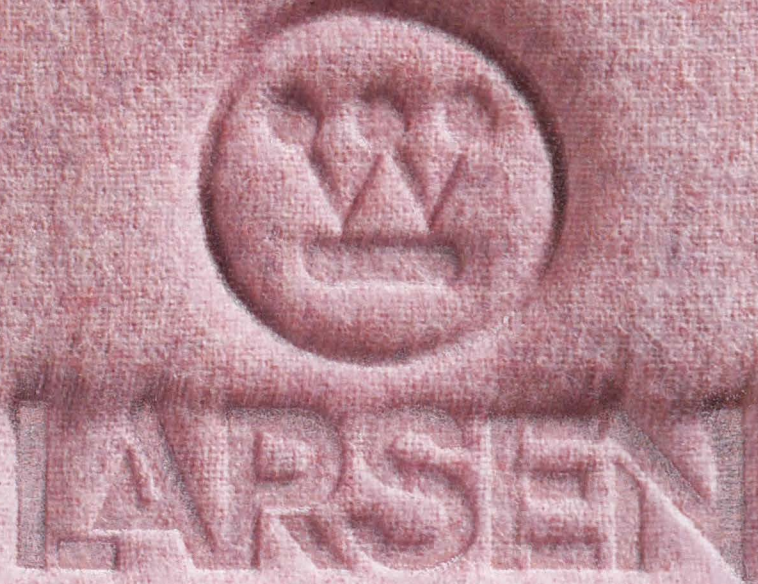
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P/A Calendar



Andrea Pozzo, *Cupola*, 1690, from "Perspective," Cooper-Hewitt Museum, through March 1, 1987.

Exhibits

Through December 21

New Architecture: Foster, Rogers, Stirling. Royal Academy of Arts, Piccadilly, London.

Through December 28

The Architecture of Richard Morris Hunt. The Octagon, Washington, D.C. (See P/A, May 1986, p. 28.)

Through January 1

The Function of Ornament: The Architecture of Louis Sullivan. Chicago Historical Society. Also, March 24–June 28, Cooper-Hewitt Museum, New York. (See P/A, Nov. 1986, p. 27.)

Through January 1

Drawing Toward Building: Philadelphia Architectural Graphics, 1732–1986. Pennsylvania Academy of the Fine Arts, Philadelphia (see p. 25).

Through January 3

Arata Isozaki: Architectural Drawings. Max Protetch Gallery, New York.

Through January 4

Oskar Schlemmer. Walker Art Center, Minneapolis.

Through January 4

Gordon Matta-Clark: A Retrospective. Städtisches Museum Abteiberg, Monchengladbach, West Germany.

Through January 10

Mario Botta. Museum of Modern Art, New York. Also, March 3–April 17, Rice University, School of Architecture, Houston.

Through January 11

In Pursuit of Beauty: Americans and the Aesthetic Movement. The Metropolitan Museum of Art, New York.

Through February 16

The Machine Age in America 1918–1921. The Brooklyn Museum New York. (See P/A, Nov. 1986, p. 110.)

Through February 22

Photographs by Roger Sturtevant. The Oakland Museum, Oakland, Calif.

Through February 28

Bauhaus. MIT Museum, Cambridge, Mass.

Through March 1

Perspective: The Illusion of Space. Cooper-Hewitt Museum, New York.

Through March 2

Twentieth Century Design. The Brooklyn Museum, Brooklyn, N.Y.

Through April 19

American Furniture from the Kaufman Collection. National Gallery of Art, Washington, D.C.

Through July 31

New and Different: Home Interiors in 18th-Century America. Smithsonian Institution, Washington, D.C.

January 6–January 28

Ornamental Architecture Reborn: A New Terra Cotta Vocabulary. Clemson University, Clemson, S.C.

January 7–January 31

Lloyd Wright: Architect. Max Protetch Gallery, New York.

January 31–March 22

The Architecture of Frank Gehry. Contemporary Arts Museum, Houston, Texas. (See P/A, Oct. 1986, pp. 69–101.)

Competitions

December 15

Deadline. James Harrison Steedman Fellowship. Contact Secretary of the Steedman Fellowship Committee, School of Architecture, Washington University, St. Louis, Mo. 63130 (314) 889-6293. (Late applications will be considered).

December 31

Deadline, National Glass Association Award for Excellence in Design with Glass. Contact Debra Levy, National Glass Association, 8200 Greensboro Dr., McLean, Va. 22102 (703) 442-4890.

January 1

Entry deadline. LUMEN Awards sponsored by the Illuminating Engineering Society New York Section. Contact Sara Schrager, Lighting & Production, 245 W. 107 St., 11D, New York, N.Y. 10025 (212) 865-0355.

January 2

Deadline, Rotch Travelling Scholarship Competition. Contact Norman C. Fletcher, Secretary, Rotch Travelling Scholarships, 46 Brattle St. Cambridge, Mass. 02138 (617) 868-4200.

January 9, 1987

Deadline for submissions, P/A 7th Annual International Furniture Competition (see p. 21).

January 30

Deadline, 1986 Edison Award competition. Contact F.F. LaGiusa, Chairman, Edison Award Competition, General Electric Co., Nela Park #4162, Cleveland, Ohio 44112.

February 1

Deadline, Proposal Abstracts, Samuel G. Wiener Fund for the Advancement of Architecture. Contact Dean Keith McPheeters, School of Architecture, Auburn University, Auburn, Ala. 36849 (205) 826-4524.

February 1

Application deadline. Rudy Bruner Award for Excellence in the Urban Environment. Contact Program Coordinator, Rudy Bruner Award, Bruner Foundation, 132. W. 43 St., New York, N.Y. 10036 (212) 575-5115.

February 20

Entry deadline. 29th Annual S.M. Hexter Awards Program for the Interiors of the Year. Contact S.M. Hexter Co, 979 Third Ave., New York, N.Y. 10022 (212) 355-5587.

Conferences

January 8–12

Perspectives '87 including International Furniture Fair, Lighting, and Carpet and Floor Covering Exhibitions. Contact Perspectives, 22 Avenue Franklin-Roosevelt, (F) 75008 Paris.

January 11–14

Electrilight '87. Infomart, Dallas, Texas. Contact PSA Show Management, P.O. Box 214, Sea Girt, N.J. 08750 (201) 974-1900.

January 13–18

International Furniture Fair, Cologne. Contact Koln Messe, Messeplatz, Postfach 21 07 60, D-5000 Koln 21, West Germany.

January 14–16

Ninth Annual Assessment and Forecast of Computer Graphics '87. Westgate Hotel, San Diego, Calif. Contact Frost & Sullivan, 106 Fulton St., New York, N.Y. 10038 (212) 233-1080.

January 19–22

International Air-Conditioning, Heating, Refrigerating Exposition. Jacob K. Javits Convention Center, New York. Contact International Exposition Co., 200 Park Avenue, New York, N.Y. 10166 (212) 986-4232.

January 28–30

CONDES '87. Dallas Market Center, Dallas, Texas. Contact Lori Bilbo, Communications Coordinator, Dallas Market Center, 2100 Stemmons Freeway, Dallas, Texas 75202 (214) 655-6100.

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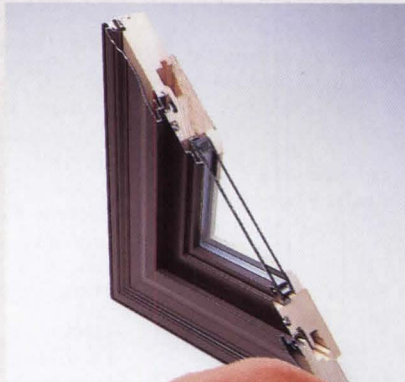
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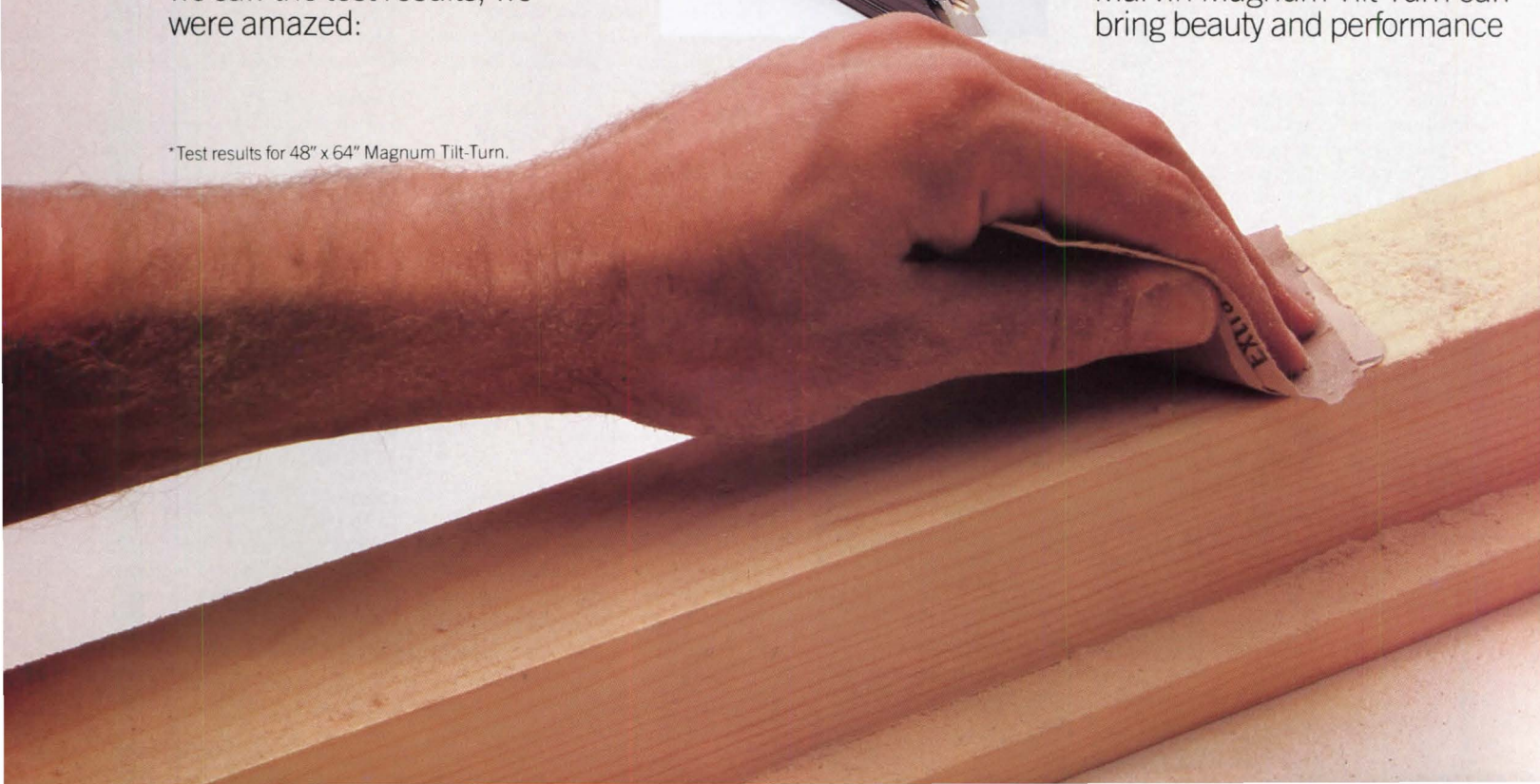
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Local citizens, magazine and newspaper reporters, neighbors, other architects, people in the building industry—in short, the world—want to know what is going on at your construction site. Owners, funding agencies, public officials, politicians, lenders, contractors and subcontractors, the governor of your state, even the President of the United States, like to see their names connected with beneficial construction projects in which they have in some way contributed or participated. That's why construction signs were invented; they explain who's involved and in what roles.

But where do architects stand in all this? Do they share the urge to let the passing world know about a new building? Isn't it a rare and valuable opportunity to build awareness of the architect's name and work? Isn't the architect anxious to have the clearest, most concise, most informative sign possible, right up there for the world to see? You might not think so if you did a "windshield survey" of construction signs in your city or region.

Typically, the construction sign goes up late, if at all; is not well located to inform passers-by; and is designed to convey little except (sometimes) a rendered view of the building-to-be, unless one has the leisure to undertake a five- or ten-minute study of fine print on the spot. As a result, specifiers writing requirements for construction signs (Section 01580) are usually at a loss unless the architect's office has given the subject a proper amount of thought and has established a realistic policy on what to do.

Commercially available master specifications sections do hit the high spots of the requirements, including size and general contents (or exact contents for many government agencies). Most require the sign to be done by a professional sign painter, to be lighted at night, to have sturdy framing and bracing. What

standard master sections don't specify—because the design is left to the architect where the sign is not laid out in Washington or at the State House—are the basic principles the architect should follow when (and if) focusing on the design and construction of a sign.

Perhaps the overriding principle, and one admittedly often difficult to achieve, is this: The sign should be readable from an automobile passing the site at a reasonable speed (say under 30 mph). Otherwise, unless it is located in Manhattan, where the pedestrian count is usually rather high, few people are going to get much information from it. Leaving aside for the moment how others will get their names recognized as part of the team, what can the architect do in this regard when so many names should appear and so little space seems to be available? Here are some suggestions for specifications:

1. Make the sign big enough for the purpose: 32 square feet (a common specification) is an arbitrary size, not generally a legal requirement. It's just the size of one sheet of plywood. If you need two or three sheets to get the information across, why not use them?

2. Use your logo. That's exactly what logos are for: quick, positive identification that's always the same. If your logo is seen on many project signs, recognition will grow and your firm and its accomplishments will become known.

3. Use at least three-inch letters for your name and the word "architect." The passing motorist will then have a chance of reading it without using binoculars (which might interfere with good peripheral vision, so necessary in maneuvering through traffic these days).

As for the other participants, treat them equally well in your sign design (they'll probably demand it when they find out what you're up to). Some hierarchical ranking may be necessary, but the owner, the contractor (or

(continued on page 55)

Specifications: Walter Rosenfeld analyzes the features of a good construction sign.

Law: Norman Coplan describes the liability involved in meeting the demands of lenders.

Research: Robert Shibley discusses the relationship between the architect and researcher.

Law: Possible Banking Dangers

The scenario is all too familiar. The architect has completed the construction documents and the owner is negotiating his financing. The owner advises the architect that he must assign his contract and transfer ownership of the plans and specifications to the bank as a condition of the financing. The assignment and transfer would become effective if the owner defaults. The owner further advises the architect that he must certify various facts and conditions upon which the bank will rely in effectuating the loan agreement and making payments. This must be done immediately, contends the owner, and the bank forms are not subject to modification or change. The architect then finds himself torn between his desire to accommodate his client and facilitate the financing and his fear of potential liability, which he never anticipated when signing the

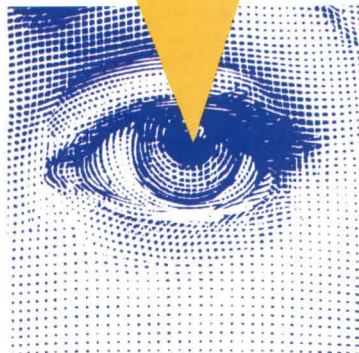
(continued on page 52)

Research: Practice and Research

Architectural research has never been a central concern of either educators or practitioners. It has certainly been an organizational step-child in the AIA and has only recently been modestly recognized in the structure of the Association of Collegiate Schools of Architecture (ASCA). This is made not as a criticism, but simply as an observation.¹

As a result of this step-child status, a number of specialized research-oriented organizations have emerged, such as the Day-Lighting Network of North America, the Society of Science Educators, the Design Methods Group, and the Association for Computer Aided Design in Architecture. Two organizations worth special mention are the 20-year-old Environmental Design Research Association (EDRA), composed of individuals from a wide range of disciplines including architecture

(continued on page 50)



Research (continued from page 49) and the social sciences, and the Architectural Research Centers Consortium (ARCC), comprising 40 Collegiate Schools of Architecture involved in research on, for, and about architecture.²

Because there has been little research tradition in the profession, universities have not expected the same levels of scholarship from architecture faculty as they might, say, from engineering, medicine, or even law. Instead, they have tended to treat architecture as a fine art where the teaching loads and contact time with students are very high by comparison with other academic disciplines. There is little time for scholarship outside the classroom. Those same low levels of expectation have been perceived by students who are now in practice. As a result, neither universities nor professional practices have demanded architectural research nor supported it. Yet, in spite of the prevailing bias in both the profession and the universities, a substantive tradition for architecture research has emerged in the schools.³

The question that prompted this article is direct but deceptively complex. "How can architectural practitioners gain access to the research that is ongoing in collegiate schools of architecture?" The answer is: "Buy it!", which involves everything from funding original research to reading the results of research in published media. Neither the question nor the answer is very satisfying when taken at face value. It may be more useful to search out the hidden assumptions in both question and answer, affirming some and questioning others.

Some of the implicit assumptions are: 1 Research is inquiry conducted by researchers to be applied by practitioners. 2 Practitioners perceive research as immediately valuable to their practice and want to have access to it. 3 University-based research can (should) be made relevant to the professional practice of architecture.

In several cases, practitioners are indeed the intended audience for architectural research, perceive it as immediately valuable and actually want the information. For every case where these assumptions hold true, however, there are many more where they do not.

In order to understand why, it is important to recognize several factors that influence architectural research: the diversity of time-frames, audiences, pur-

poses, personal motivations, contract vehicles, and even basic beliefs about what constitutes meaningful research.

The time-frame for much of what is done in architectural research does not allow for immediate or even near-term consumption by the profession. Much of the advanced work in computers, for example, does not lend itself to enhancing the profits of current practice, but to practice as it may occur 10 to 20 years in the future.

The audience for architectural research is very broad and not always closely related to the work of the private practitioner. Codes and standards research, for example, is directed to standards bodies; design guidelines are often commissioned by large program builders; productivity research is commissioned by the clients of the design profession, not by professionals. Another audience is the university itself, where the quest for knowledge (independent of any application) is considered a primary responsibility of faculties.

While the purposes for research vary with the audience, only a small fraction of all architectural research has the explicit purpose of helping the current practitioner. If day-to-day practice is to be elevated as a subject of research, then the rewards for pursuing such work must also be elevated.

Personal motivations—promotion, tenure, improved instructional support, better physical facilities, travel support, peer recognition—also play a central role in the conduct of university research. We may wish that the primary motivation were to improve the teaching of qualified practitioners and to serve the needs of the profession as it is currently configured, but the wish is not grounded in reality and could actually be destructive to the profession. Academic freedom is essential if the university is to continue its creative contributions to society and to the profession.

The form of grant support is another influence on architectural research. That support comes in the form of university salaries or research grants and contracts through the university. A third form of contracting could involve a wide variety of private not-for-profit organizations or could operate through field service units based in the university, the profession, or the community. Each type of support has different constraints and opportunities. If one is in the market for research, it is wise

to explore the variety of relationships available with universities.

Basic beliefs about what constitutes meaningful research may be the most significant variable when shopping for research in schools of architecture. The Architectural Research Centers Consortium, for example, has placed most of its emphasis on sponsored research and most of that in the arenas of the physical and social sciences as well as in engineering. That is consistent with much of what the world already understands about research. However, most of the research that goes on in the schools is not supported by a contract with a client; it is rather the personal exploration of architecture through scholarship, based in the architectural design studio or lab. For many architectural educators, this way of coming to know about architecture is the most basic and important; it is why they have become architectural educators. To speak of the client for such inquiry as being outside of the students, the faculty, and the long-term interests of the profession seems less than fruitful to many. Yet these explorations in studio are very real, can be extremely valuable, and need to be exposed to a larger community of professionals and academics alike. Toward this end, architectural educators are finding more and more publication media open to them: *Journal of Architectural Education*, *Places, Space and Society*, *Zone*, *Urban Resources* as well as the many anthologies published by the schools.

The rising interest in architectural research is reflected in the increasing number of Ph.D. degrees being granted. Fourteen collegiate schools of architecture now offer doctoral programs, and an additional 20 or more are planning to offer such a degree. At issue in the development of the doctorate in architecture is the nature of the methods employed. Some of the research degrees focus on science to the exclusion of other modes of inquiry, making it hard to differentiate their research from the research of other more traditional disciplines. Phenomenology is presented as an alternative or additional path to knowledge by several architectural scholars. The ongoing debate in the graduate schools of architecture seems to be drawn around the question, "What is the most viable method of inquiry for architecture and why?"

The debate is open to all, academic and practitioner alike, and demands that all points of

view be recorded. It is a debate that eventually should put the profession on a knowledge base, without compromise to the expressive and artistic conceptions that make up so much of the profession's rich history. Further, it is a debate that should not have winners and losers, but should result in a fundamental shift in expectations between clients and their architects, between universities and their architecture faculties, and more fundamentally, between the university and the profession.

Robert G. Shibley, AIA ■

The author is the current president of the Architectural Research Centers Consortium, serves as the Chairman of the Department of Architecture at the State University of New York at Buffalo, and is a principal in The Caucus Partnership, a Buffalo, N.Y.-based consulting and research firm specializing in environmental and organizational change.

Footnotes

1. There is a growing recognition of the structural problem in both the leadership at the AIA and ACSA as evidenced by the formation of a research council with nine people appointed by the AIA Board and six appointed by the ACSA Board. In the first meeting of the council, it was clear that the real distance between academics and professional architects may be significantly overstated. Every one of the 15-person research council is a registered architect, all have practice experience, all have at least lectured if not taught in the university, and all viewed themselves as both interested in or capable of some form of research.

2. See Research Networks section in this issue.

3. In a recent survey conducted by ARCC with the AIA Foundation, more than 100 schools were asked to identify ongoing research. The survey results are now available at cost through the ARCC newsletter editor, Philip Burke at Texas A&M University, in either report form or on a D-Base III diskette. The survey results report projects in the schools from 1983–85 by project title, key personnel, sponsor, and amount of support, time frame, a brief description of the work, and publications developed or in process. Also available through ARCC is a report funded by the National Science Foundation on Doctoral programs in architecture published last year, and a series of reports on energy research in schools of architecture over the past ten years developed under contract from the U.S. Department of Energy. James Haecker, the Executive Director of ARCC, can facilitate the acquisition of these and other specialty publications of the Consortium at 1735 New York Ave., Washington, D.C. 20006.



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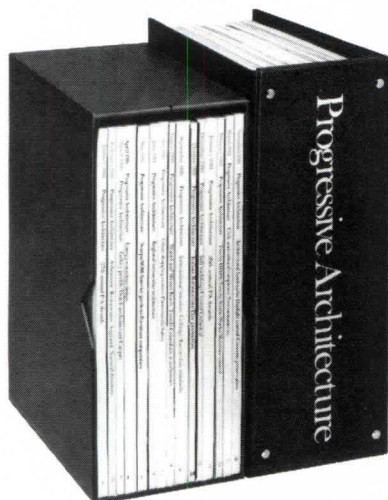
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Law (continued from page 49)

original contract with his client.

Bank assignment and certification forms are not identical, but they generally have a common thrust or approach that, when unmodified, can be a source of concern and danger to the practicing architect. While the usual assignment form, for example, provides that the bank will compensate the architect, under the terms of his contract, for services rendered subsequent to the assignment becoming effective, the form makes no provision for payment of fees owed the architect by the defaulting owner.

Further, the assignment and transfer of plans and specifications to the bank contains no restriction upon the bank's terminating the architect's contract and using the plans and specifications for the completion of the work by others. It is often possible to negotiate a modification in the assignment form to provide for payment of past due fees in the event of the owner's default. It is more difficult, however, to restrict a lending institution from using the architect's plans and specifications, even though the architect's contract may be terminated before completion of the building. The plans and specifications, especially when modified by the bank or a successor architect, may be misinterpreted. If the architect's contract has been terminated, he has lost the opportunity to identify and correct errors that he otherwise would have discovered. If a bank insists on the right to terminate the architect's contract and to use his plans and specifications, then the contract should provide protection for the architect in the form of an indemnification agreement holding the architect harmless against liabilities, costs, and expenses arising from the bank's use of his contract documents.

The certifications required by lending institutions are a source of even greater danger. These certifications may require the architect to state that his plans and specifications are in conformity with the requirements of all applicable federal, state, and local statutes, codes, ordinances, and regulations; that all utilities will be available upon completion of the improvements; that there is adequate access to and egress from the project; that all applicable requirements of public authorities have been satisfied; that all necessary permits and approvals required for the construction of the project have been secured; and that, upon completion of

the project, all necessary certificates of occupancy and approvals will be available. The architect also may be required to certify to the lending institution, during the construction period, that the contractor is duly performing his work in conformance with the plans and specifications; and that the construction work has been completed to a certain point and to a specified value.

The architect even may be required to certify the appropriate amount of the building loan to be advanced to his client at various stages of construction. All of these certifications will require the architect to acknowledge that he understands that the lending institution is relying upon his statements in distributing loan funds, thereby placing the architect at substantial risk if any statements do not conform to the facts.

When an architect undertakes a design project, he normally makes the commitment that he will act with due care, without negligence, and in accordance with the standards of his profession. This is the legal standard to which he is subject in most jurisdictions. He does not expect to warrant or guarantee any set of facts for the benefit of some third party, nor does his professional liability insurance cover that activity. A certification that is worded in such manner that it constitutes a warranty or guarantee subverts the normal standard to which the architect is subject, and, uncovered by liability insurance, puts the architect at great risk. When presented with a certification form, the architect should be certain that it cannot be construed as a warranty or guarantee.

If an architect states, for example, that his plans and specifications conform to all applicable laws, such a statement may be construed as a warranty that subjects the architect to liability if, in fact, that statement is not 100 percent accurate, even though the architect was not in any way negligent in providing such plans and specifications. If, on the other hand, an architect states that in his opinion or professional judgment his plans and specifications conform to all applicable laws and such was not the case, his liability would only be established if it was proven that his judgment or opinion was negligently based. Similarly, if an architect certifies that a contractor's work is in conformance with the plans and specifications, and it is not, he again may be liable for damages sustained by the lending institution based

upon the theory that the certification constituted a guarantee to the bank. If, however, the architect certifies that to the best of his knowledge, information, and belief the contractor's work is in conformance, then there would be no liability unless it was established that the architect had negligently made that certification with inadequate knowledge or no adequate basis for his belief.

A certification, if possible, should also make it clear that the knowledge upon which the architect's belief is based is limited to the knowledge acquired from his normal functions under the owner-architect agreement. This negates the possible claim that the certification should have been made only upon a special and intensive investigation of the certification's subject matter. In any event, no certification should be furnished that does not contain language of limitation or clarification.

Norman Coplan, Hon. AIA

The author is a member of the law firm Bernstein, Weiss, Coplan, Weinstein & Lake, New York.

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Specifications (continued from p. 49) project manager), and the architect are the prime players and should get top billing. Lenders often want special mention, too. But give the stars adequate attention at least.

Specify that the sign be located where it can be seen easily by the public and that it be erected early, right after the construction fence (safety first, of course). Though it's not common except on certain government-funded projects, the sign can be drawn up in advance and put in with Section 01580 when the project manual is issued. At least it can be given to the contractor as soon as the agreement is signed and the subcontractors are identified (if their names are to be included). In fact, it is a good idea to have a standard sign format for the office, as the Federal Government does. After all, does each job really require a special graphic effort for the sign? The information for a particular sign will naturally have to be cleared with the owner before issue, but at least the basic design and structure can be determined well in advance.

The construction sign is not free. Its cost is part of the construction sum, so sign requirements need to be carefully spelled out and enforced, just as all the other sections of the project manual need careful writing and conscientious enforcement. If the sign is deleted from the contract for some reason at a later date, a credit is due the owner. And the sign should be specified to be left in place at least until the building is substantially completed or other building identification takes its place.

Photographs of the architect's rendering or model of the building are very attractive and informative when used on construction signs, especially if done at an appropriate scale. Modern reprographic systems make this relatively easy to accomplish. A photograph of the sign with a rendering on it can be an effective public relations tool itself (the owner's publication will surely want a copy) as well as part of the record for the architect's file. And if you have the completed sign photographed with yourself in the picture standing beside it, smile. Considering the amount of work that goes into the design and documentation of a building these days, you deserve credit. A good construction sign is one appropriate way to get it.

Walter Rosenfeld, AIA, CSI ■

The author is an architect and specifications writer.



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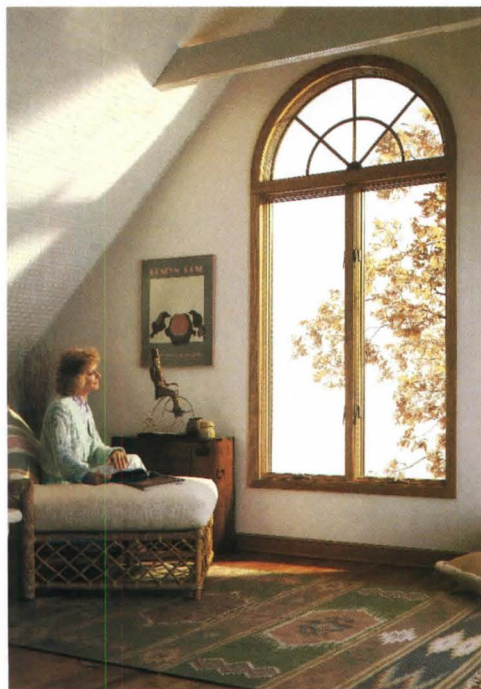
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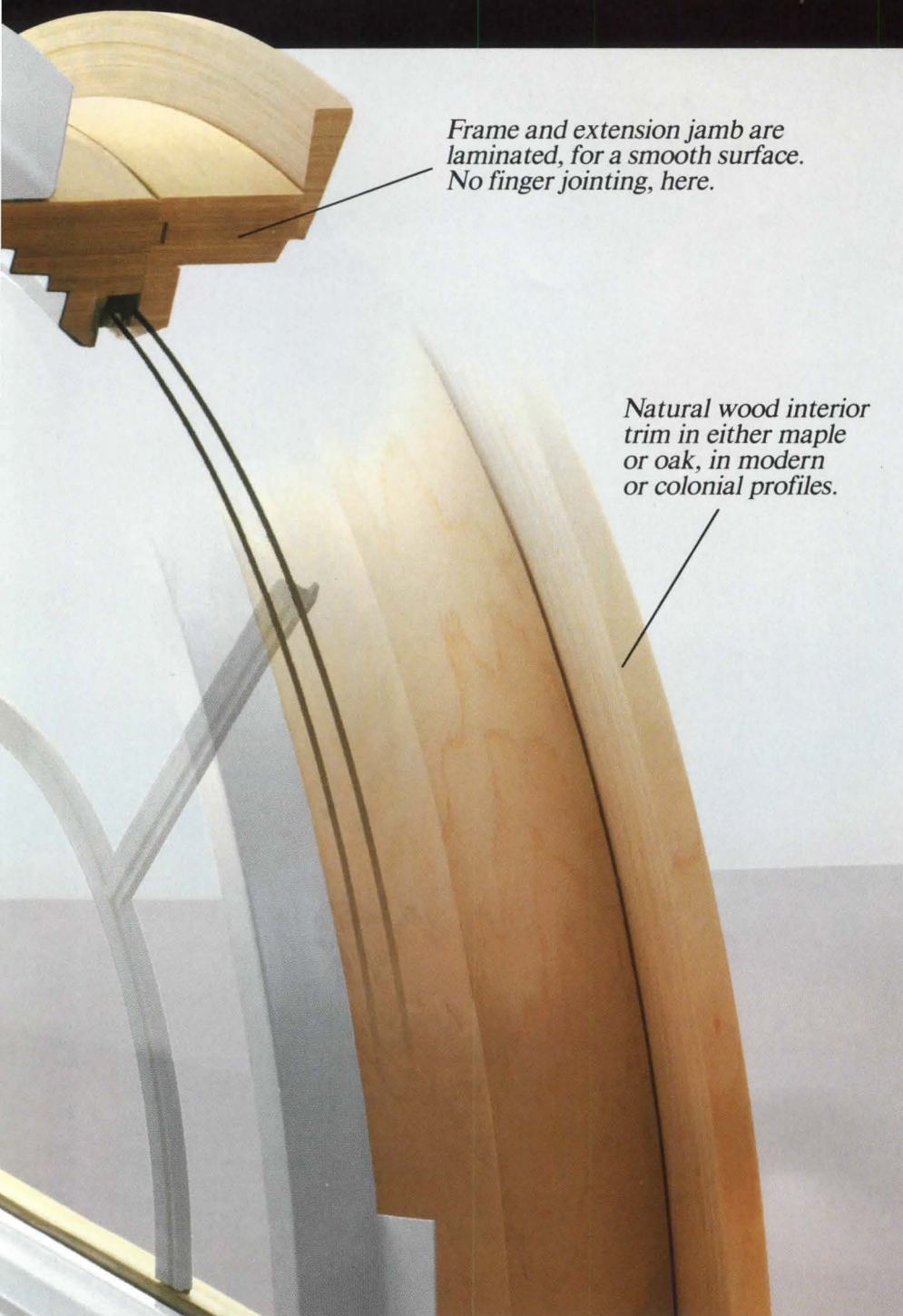
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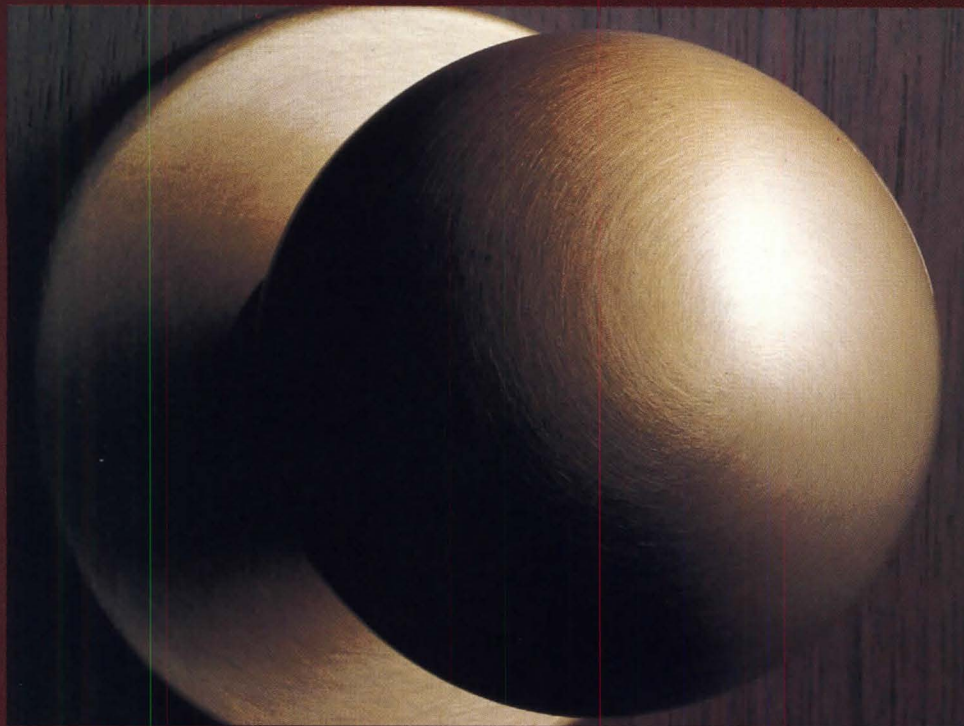
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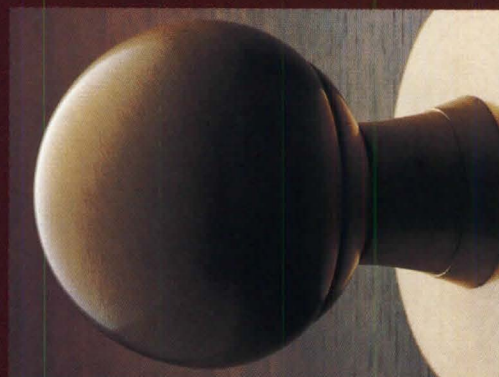


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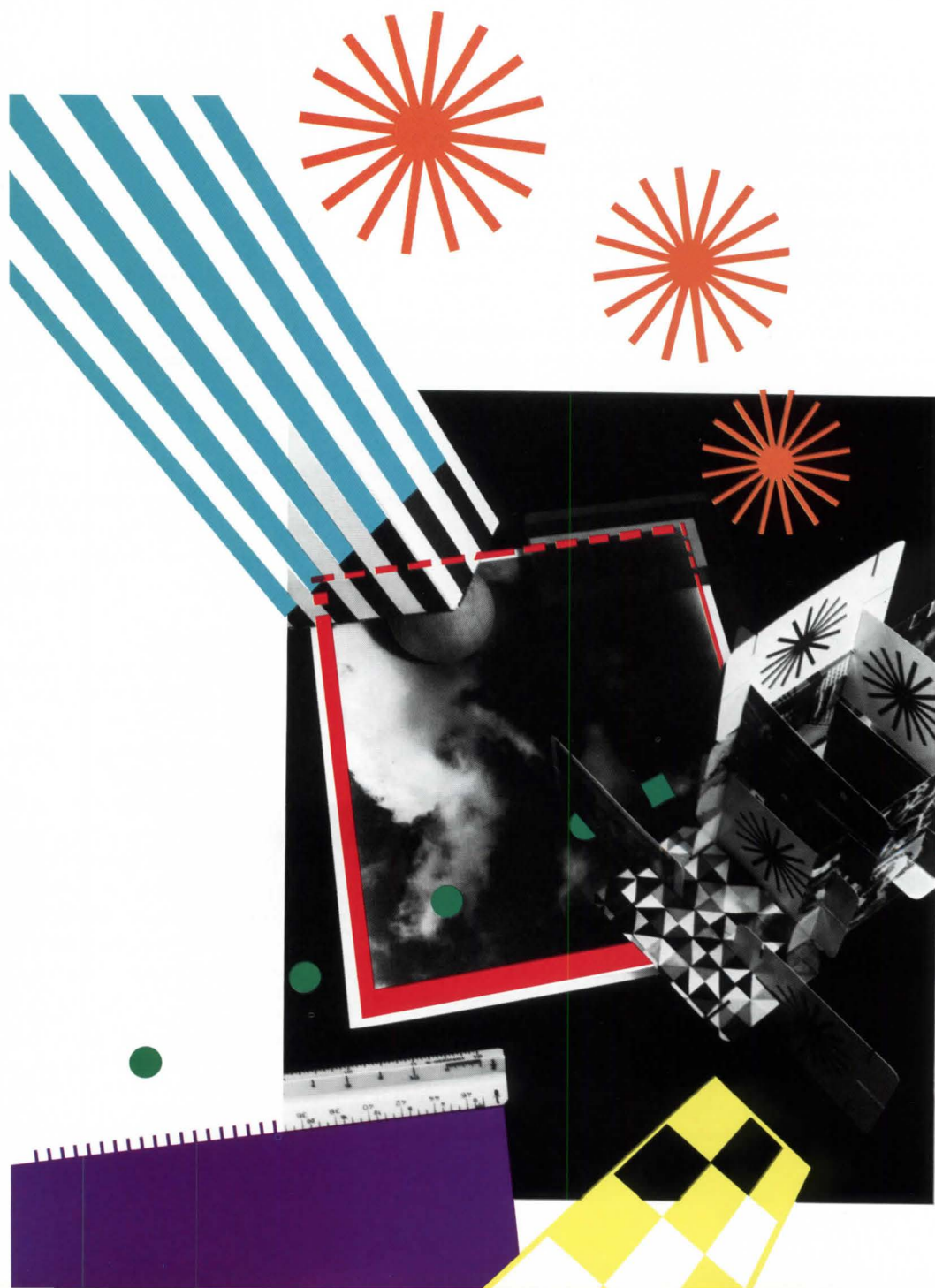
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Information Sources



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In the practice of architecture, knowing where to go to get information is half the battle. What follows is an issue devoted to just that: the sources of information necessary for the design and construction of buildings. It outlines not only where to go for information, but how to get it.

INFORMATION is like money. The more we have, the less we can do without. That dilemma is particularly acute for the architectural profession in this, the age of information. The number of books, magazines, and databases offering information relevant to the practice of architecture have proliferated in the last few decades. Grown too has the number of industry associations, conferences, and seminars. Just finding the sources of information, let alone the information itself, has become a Herculean task.

Liability has compounded the problem for architects. Reasonable professional care remains the standard against which the courts judge the decisions of architects. As computers have made information more easily kept and more readily accessible, though, they also have altered what the courts consider reasonable care. If, for instance, some piece of information, however obscure the source, is publicly available and relevant to a case, judges and juries have increasingly expected architects to know it. The more information we have, the less we can do without.

The Directory of Information Sources

With that in mind, we have devoted an entire issue to information sources. This issue is divided into five major sections: practice, design, allied disciplines, technics, and media. Within each section are several categories of information. The practice section, for example, includes information on computers and specifications; the design section, on building types and design considerations such as daylighting and fire protection; the allied disciplines section, on related fields such as landscape architecture and industrial design; the technics section, on building materials and interior components; and the media section, on magazines and book publishers important in the field.

Each of these sections is further divided according to the various sources of information. Relevant associations are listed, along with their addresses and telephone numbers, the titles of their publications, the dates and locations of their conferences, and the availability of databases. Independently run conferences and periodicals are then described, followed by the major books, articles, and databases in a given area.

The Articles on Information

Two articles consider significant information sources. One, written by P/A's Washington correspondent Thomas Vonier, describes how to use the AIA as an information source (p. 69) and what the Institute does and does not offer. The other, written by the chairman of the architecture department at SUNY Buffalo, Robert Shibley, looks at the architectural research establishment and how architects might make better use of it (p. 49). For those readers who, in these litigious times, still question the need for a guide to information sources, there is the article on information and the law (p. 98) by Robert Greenstreet, chairman of the architecture school at the University of Wisconsin-Milwaukee.

This issue is not all hard facts, not just lists of addresses, dates, and titles. Throughout are more subjective tips, the results of a poll of architects' opinions that we conducted (see the adjoining blue box for further detail). Whatever other conclusions might be drawn from it, the poll shows a remarkable similarity of tastes and diversity of opinions within the profession.

Your Response

We hope that the flow of information in this issue will not be all one way. We've enclosed a response form (opposite p. 96) so that you can tell us what you liked and didn't like, what you found most useful and what missing information you would like to see included.

P/A has ventured into the information arena before—the last time, in February 1982 with a Technics article on information exchange. But never has this or any other architecture magazine attempted to collect so many information sources in one place. We took on the job believing that, as an information source ourselves, we could better serve our readers. We hope you agree. **Thomas Fisher**

Editors in charge: Susan Daubilet, Thomas R. Fisher, and Daralice D. Boles. **Coordinating editor:** Barbara McCarthy (Director of Media Relations, SOM, New York). **Researcher:** Frances Gretes (Director of Professional Communications, SOM, New York). **Research Assistants:** Jessica Elin, Robert Jefferson. **Illustrations:** R.J. Huff, Sam Shelton, and Susan Ostheimer.

The Poll: As part of this issue on information, Progressive Architecture polled 325 architects, selected randomly from 25 North American cities, on a variety of topics, from their favorite skyscrapers to favorite software, top contemporary architects to outstanding airports. The architects polled have also named the five most notorious buildings of the past five years, the best and worst North American cities, the best books on architecture, and the top architectural schools. They told us what they think of competition from interior designers and construction managers, addressed the question of education as a prerequisite for registration, and picked sides in the Modern/Post-Modern debate.

We also sought the architects' recommendations for the top sights, restaurants, and hotels in their cities, and have tailored their choices to an audience of fellow architects. The results of this two-part poll fill the blue bars in this issue. They represent opinions, not fact. We hope you find them useful, and amusing.

Caveats:

Information is ever changing. Because of that, we thought that a few caveats were in order:

1. While we have made every effort to include the major sources of information in any given area, this issue is not and probably could never be comprehensive. For any major gaps that exist, inform us with the reply card on page 97.

2. While we have made every effort to verify the information contained in this issue, some of it has undoubtedly changed since we went to press. The best course, especially regarding the places and dates of conferences not yet available in time to make this issue, would be to contact the sponsor.

3. The amount of information necessitated that we take some shortcuts in its listing:

a. We did not list the addresses of every book publisher since Books in Print, which is available in most libraries and bookstores, contains that information.

b. The year 1987 is implied for every conference date.

c. We did not list awards programs held by associations if they were for members only.

Practice



Computers

Associations

ACM SIGGRAPH

11 West 42nd St
New York, NY 10036
(212) 869-7440

Publications Computer Graphics Newsletter: 5/yr. Course notes and other publications available at annual conference. *Conferences* July 27-31, Anaheim, CA. *Competitions* Steven A. Coons Award for outstanding creative contributions to computer graphics: biennial. Computer Graphics Achievement Award: annual. Both selected by nomination. *Audiovisual* SIGGRAPH Video Review. Technical, art show, and industry slide sets.

New York, NY 10036

(212) 869-7440

(See also ACM SIGGRAPH)

Publications Communications of the ACM: monthly. ACM Transactions on Graphics: quarterly. Computing Surveys: quarterly. Computing Reviews: monthly.

Association of Computer Users

PO Box 9003
Boulder, CO 80301
(303) 443-3600

Automated Procedures for Engineering Consultants, Inc (APEC)

40 West Fourth St., Suite 2100,
Dayton, OH 45402
(513) 228-2602

Publications APEC Journal: 3/yr.

Publications ICCA Newsletter: bimonthly. *Conferences* May 20-22, San Francisco.

National Computer Graphics Association (NCGA)

2722 Merrilee Dr, Suite 200
Fairfax, VA 22031

(703) 698-9600 (see Graphic Design) *Publications* NCGA forum: bimonthly, members only. Corporate Forum: bimonthly, members only. Conference Proceedings. *Conferences* Computer Graphics '87, Mar 22-26, Philadelphia; NCGA Engineering and Manufacturing, Aug 17-20, Boston. *Competitions* Computer Animation Competition, deadline mid-Dec.

Society for Computer-Aided Engineering

7811 North Alpine Rd
Rockford, IL 61111

(800) 448-0687; (815) 654-1902 *Publications* SCAE Network, monthly newsletter, members only. Members Directory, members only.

Conferences Dates not determined.

World Computer Graphics Association

2033 M St NW, Suite 399
Washington, DC 20036
(202) 775-9556

Publications International Calendar of Events: quarterly.

Conferences MICAD, Feb 23-27, Paris. IcoGraphics, Feb 2-7, Milan.

Conferences

A/E/C Systems '87, June 23-26, Washington, DC (Contact Conference Director, 3400 Edge Lane, Thorndale, PA 19372). AIDD: 27th Technology Exposition, Mar 31-Apr 2, St. Louis (Contact American Institute for Design and Drafting, Rockville, MD).

Computer-Aided Design and Facilities Management Conference and Exhibition, Nov 9-10, New York (Contact Gralla Conferences, New York).

Reprographic Association Annual Conference, Apr 28-May 2, Las Vegas (Contact International Reprographic Association, Franklin Park, IL).

Periodicals

A-E-C Automation Newsletter (7209 Wisteria Way, Carlsbad, CA 92008): monthly. A/E Systems Report (PO Box 11316, Newington, CT 06111): monthly.

The Anderson Report (4525 East Industrial, Suite 4L, Simi Valley, CA 93063): monthly. ASN Quarterly (Architects Software Network, Ltd, 1608 Washington Plaza, Reston, VA 22091).

CAD/CAM, CAE: Survey, Review and Buyers' Guide (Daratech Inc, PO Box 410,

Cambridge, MA 02238): updated bimonthly.

Computer-Aided Design (Butterworth Scientific Ltd, PO Box 63, Westbury House, Bury St, Guilford, Surrey GU2 5BH, UK): monthly.

Computer Graphics World (Pennwell Publishing Co, 119 Russell St., Littleton, MA 01460): monthly.

Computerized Drafting and Design Newsletter (8854 Broadway, San Antonio, TX 78217): quarterly.

Computers, Productivity & Management in Construction (Construction Industry Press, 1105-G Spring St, Silver Spring, MD 20910): monthly.

Design Computata (Graphics Systems Inc, 180 Franklin St, Cambridge, MA 02139): annual.

Design Graphics World (Communications Channels, 6255 Barfield Rd, Atlanta, GA 30328): monthly.

FM Automation Newsletter (9501 West Devon Ave, Suite 203, Rosemont, IL 60018): monthly.

PC Magazine: monthly.

PC Tech Journal: monthly.

The S. Klein Computer Graphics Review: quarterly. Directory of Computer Graphics Suppliers: annual. Newsletter on Computer Graphics: semimonthly. (PO Box 915, Sudbury, MA 01776).

Books

A/E Computerization Manual. Guidelines. Applied Concepts in Microcomputer Graphics. Prentice-Hall, 1984. The Architecture Machine. Nicholas Negroponte. MIT Press, 1970.

Best buildings of the past five years: 1. Stuttgart

Museum (James Stirling, Michael Wilford & Associates); 2. HongkongBank (Foster Associates); 3.

333 Wacker Drive, Chicago (Kohn Pedersen Fox

& Associates); 4. Procter & Gamble headquarters,

Cincinnati (Kohn Pedersen Fox & Associates); 5. AT&T, New York (John Burgee Architects with Philip Johnson), High Museum, Atlanta

(Richard Meier & Associates).*

Association for Computer-Aided Design in Architecture (ACADIA)

c/o Professor Robert Dvorak, membership
College of Architecture
University of Arizona
Tucson, AZ 85721
(602) 623-1043

Publications ACADIA Newsletter: bimonthly, members only.

Conferences Dates not determined.

Association for Computers in Design (ACD)

1341 Ocean Ave, Suite 236
Santa Monica, CA 90491

(213) 207-8000, Sheri Singer Frin

Publications ACD newsjournal: quarterly, members only.

Conferences Monthly meetings.

Association for Computing Machinery (ACM)

11 West 42nd St

Conferences Dates not determined.

CEPA: Society for Computer Applications in Engineering, Planning and Architecture, Inc.

15713 Crabbs Branch Way
Rockville, MD 20855
(301) 926-7070

Publications Newsletter: quarterly. Distributes publications of FACE (see below).

Conferences Computers in Civil Engineering, June 22-24, Washington, DC; Computer Aided Drafting, Nov, San Francisco.

FACE (Federation of Associations of Users of Computers in Architecture, Engineering and Related Fields)

576 St. Kilda Rd
Melbourne 3004, Australia

Independent Computer Consultants Association (ICCA)

PO Box 27412
St. Louis, MO 63141
(314) 997-4633

ATLANTA Sights:

High Museum of Art;

Peachtree Center, in-

cluding Hyatt Re-

gency, Omni Interna-

tional, and Peachtree

Plaza Hotels; MARTA

stations; Swan

House; I-285 spec

office buildings;

Stone Mountain.*

ATLANTA Hotels:
Ritz-Carlton, down-
town; Ritz-Carlton
Buckhead; Westin
Peachtree Plaza. Res-
taurants: Anthony's;
Bones; Carsley's;
Commerce Club; The
Cafe; 103 West;
Pano's and Paul's.*

Automation in Architectural Practice, Robert Babbitt. 1983.
Bibliography of Available Computer Programs. American Society of Heating, Refrigerating and Air-Conditioning Engineers, Spring 1987.
Building Expert Systems, Frederick Hayes-Roth and others. Addison-Wesley, 1983.
CAD and Computer Graphics in Architecture in Europe. Frost and Sullivan, 1986.
CAD/CAM Handbook, Eric Teicholz, ed. McGraw-Hill, 1984.
CAD/CAM Systems Planning and Implementation, Charles Knowlton. Marcel Dekker Inc, 1983.
The CAD/CAM Workbook, David L. Goetsch. South-Western Publishing, 1983.
CAD Principles and Applications, Paul C. Barr and others. Prentice-Hall, 1985.
CAD Systems Evaluated for Construction, Ian Hamilton and Erik Winterkorn. Construction Industry Computing Association, Guildhall Place, Cambridge CB2 3QQ, UK, 1985.
The Cognitive Computer, Roger Schank, Addison Wesley, 1984.
The Complete Guide to Advanced IBM PC Graphics, Michael Hyman. Prentice-Hall.
Computer Aided Architectural Design, William J. Mitchell. Van Nostrand Reinhold, 1977.
Computer-Aided Design for Construction, Dr. Stanley Port. Wiley, 1985.
Computer-Aided Facilities Planning, H. Lee Holes. Marcel Dekker Inc, 1984.
Computer Applications Directory. Construction Industry Press.
Computer Graphics, Steven Harrington. McGraw-Hill, 1983.
Computer Graphics and Applications, Dennis Harris. Chapman & Hall.
Computer Images, Joseph Deken. 1983.
Computer Information Packet. National Association of Home Builders.
Computerized Facilities Planning, H. Lee Holes. Industrial Engineering and Management Press, 1985.
Computer Methods for Architects, R.A. Reynolds. Butterworths, 1980.
The Current State of Automated Facility Management, Michael Sena. Graphics Systems Inc, 1985.
Dictionary of Computer Graphics, Dr. John Vince. Knowledge Industry Publications.
Digital Image Processing, Rafael Gonzalez and Paul Wintz. Addison Wesley, 1979.
The Fifth Generation, Edward Feigenbaum and Pamela McCorduck. Addison Wesley, 1983.
Fundamental Algorithms for Computer Graphics, J.E. Bresenham and others. Springer Verlag, 1985.
Fundamentals of Interactive Computer Graphics, James Foley and Andries Van Dam. Addison Wesley, 1982.
Geometric Principles and Procedures for Computer Graphic Applications, Sylvan Chase. Prentice-Hall, 1978.
International Computer-Aided Design Directory. Technical Database Corporation, 1986.
Introduction to CAD, Donald D. Voisinet. McGraw-Hill, 1983.
Introduction to Computer-Aided Drafting, David L. Goetsch. Prentice-Hall, 1983.

***Based on architect survey (see page 61)**

Introduction to Computer Graphics, John Demel and Michael Miller. Wadsworth, 1984.
A Microcomputer-Based Primer on Structural Behavior, James Lefter and Thomas J. Bergin. Prentice-Hall, 1986.
Mindstorms, Seymour Papert. Basic Books, 1980.
The Mythical Man-Month, Frederick Brooks Jr. Addison Wesley, 1982.
PC CADD: A Buyers Guide. Graphic Systems Inc, 1985.
Pioneers of CAD in Architecture, Alfred M. Kemper, ed. Hurland/Swenson, 1985.
Principles of Automated Drafting, Daniel L. Ryan. Marcel Dekker, Inc.
Principles of Interactive Computer Graphics, William Newman and Robert Sproull. McGraw-Hill, 1979.
Procedural Elements for Computer Graphics, David Rogers. McGraw-Hill, 1985.
The Sciences of the Artificial, Herbert Simon. MIT Press, 1981.
The Smart Manager's Guide to Selecting and Purchasing CAD/CAM Systems, Stephen Wolfe. CAD/CAM Publishing.
Software Catalog for Home Builders. National Association of Home Builders.
Solids Modeling in Computer Graphics: Technology, Applications, Supply Sources. Technology and Business Communications Inc, 1984.
The Soul of a New Machine, Tracy Kidder. Little, Brown & Co, 1981.
Structure and Interpretation of Computer Programs, Harold Abelson and Gerald Jay Sussman. MIT Press, 1985.
Systems Drafting: Creative Reprographics for Architects and Engineers, Fred A. Stitt. McGraw-Hill, 1981.
Acknowledgements
 P/A wishes to thank Nicholas Weingarten of Weingarten Associates Incorporated and Eric Teicholz of Graphic Systems Incorporated for their assistance in assembling the above material.

E d u c a t i o n

Continuing Education

Associations
AIA Professional Development Programs
 1735 New York Ave NW
 Washington DC 20006
 (202) 626-7348

Most notorious buildings of the past five years:

- 1. The Portland Building, Portland (Michael Graves); 2. State of Illinois Center, Chicago (Murphy/Jahn); 3. AT&T, New York (John Burgee Architects with Philip Johnson); 4. Humana headquarters, Louisville (Michael Graves); 5. The Crescent, Dallas (John Burgee Architects with Philip Johnson).***

Publications AIA Professional Development Resource Catalog. List available.
Conferences Walt Wagner Educational Forum, at AIA Convention, June 19-22, Orlando, FL.
Databases Maintains information on non-AIA educational programs.
Association of Collegiate Schools of Architecture/AIA
 1735 New York Ave NW
 Washington DC 20006
 (202) 785-2324
Construction Specifications Institute
 601 Madison St
 Alexandria, VA 22314
 (703) 684-0300
Publications Construction Specifier lists

continuing education programs. News Digest: members only (See Specifications).
International Design Seminars
 4206 38th St NW
 Washington DC 20016
 (202) 363-8771
Publications Seminar study guides and course brochures available.
Conferences Travel seminars.
Studio Cennina
 PO Box 1064
 Larkspur, CA 94939
 (415) 457-6092
Conferences Summer design program in Italy; brochure available.
Magazine Articles
 "Architectural Education: the Practicing Office as a Structured Resource," Architectural Record, Jan 1986.
Audiovisual
 Complete list of AIA audiocassette programs in Professional Development Resource Catalog.

Design Education Publications

Periodicals
 Accredited Interior Design Schools (Foundation for Interior Design Education Research, 322 8th Ave, New York, NY 10001): annual directory.
 ACSA News (Association of Collegiate Schools of Architecture, 1735 New York Ave NW, Washington, DC 20006): 7/yr, members only.
 Journal of Planning Education and Research (Association of Collegiate Schools of Planning, Cincinnati, OH): 3/yr, members only.
 List of Accredited Programs in Architecture (National Architectural Accrediting Board): annual.
Books
Architect: A Candid Guide to the Profession, Roger K. Lewis. MIT Press, 1985.
Environmental Education Survey: State Profiles. AIA Public Education Committee.
Guide to Graduate Degree Programs in Architectural History. Society of Architectural Historians, 1986.
Guide to Graduate Education in Urban and Regional Planning. ACSA. Updated biannually.
UIA/PDG International Directory of Architectural Education. International Union of Architects, 1983.

E d u c a t i o n a l Organizations

Associations
American Institute of Architects Architecture in Education Committee
 1735 New York Ave NW
 Washington, DC 20006
 (202) 626-7573
Publications Publication guidelines and calendar of events.
American Society for Engineering Education
 11 Dupont Circle, Suite 200
 Washington, DC 20036
 (202) 293-7080
Publications Engineering Education: 8/yr.

Engineering Education News: 11/yr.
Conferences June 21-25, Reno, NV
Association of Architectural School Librarians
 Mississippi State University
 PO Drawer AQ
 Mississippi State, MS 39762
 (601) 325-3060
Publications AASL Newsletter: quarterly.
 (Contact Barbara Opar, Syracuse University, 205A Bird Library, 222 Waverly Ave, Syracuse, NY 13210).
Conferences Mar 14-17, Los Angeles.
Association of Collegiate Schools of Architecture
 1735 New York Ave NW
 Washington, DC 20006
 (202) 785-2324
Publications ACSA News: 7/yr, members only.
Journal of Architectural Education: quarterly.
Guide to Architectural Education in North America.
Conferences Mar 14-17, Los Angeles.
Teachers Seminar, June 25-30, Cranbrook

BALTIMORE Sights:

- Basilica of the Assumption of the Virgin Mary; Fells Point and Federal Hill historic districts; Homewood; Inner Harbor, including Harborplace and National Aquarium; Mount Clare.***

Academy. Summer Institute, July 18-22.
Construction, Materials and Technology Institute, Aug 9-14. Locations not determined.
Competitions Topaz Medallion Award for outstanding architectural educator. Student competitions in conjunction with American Wood Council and Precast Concrete Association. Design and Energy in conjunction with Dept of Energy and Brick Institute of America.
 (See Educational Organizations)
Association of Collegiate Schools of Planning
 c/o current President, David Sawicki.
 Georgia Institute of Technology
 City Planning Program
 College of Architecture
 Atlanta, GA 30332
 (404) 894-2350
Publications Journal of Planning, Education and Research: 3/yr. Guide to Graduate Education in Urban and Regional Planning: semiannual. (contact American Planning Assoc., 1313 East 60 St, Chicago, IL 60637).
Conferences Nov 5-8, Los Angeles.
Competitions Outstanding Planning Educator.
Association of Student Chapters/AIA
 1735 New York Ave NW
 Washington, DC 20006
 (202) 626-7472
Publications Crit: semiannual.
Conferences Student conference, Nov 24-29, Tempe, AZ.
Competitions Contact ASC/AIA.
Association of University Architects
 c/o Warren Corman, AIA, Director of Facilities
 Kansas Board of Regents
 400 Southwest 8th St, Suite 609
 Topeka, KS 66603
Publications Newsletter: members only.
Conferences June 21-25, Fairbanks, AK.

Canadian Council of University Schools of Architecture

c/o Essy Baniossed, Dean, Faculty of Architecture
Technical University of Nova Scotia
Halifax, Nova Scotia B3J 2X4
(902) 429-8300, ext 262
Conferences June, Montreal.

College Art Association of America

149 Madison Ave
New York, NY 10016
(212) 889-2113

Publications Art Bulletin: quarterly, members only. Art Journal: quarterly, members only. Newsletter: quarterly.
Conferences Feb 11-14, Boston.

Foundation for Interior Design Education Research

322 Eighth Ave, Suite 1501
New York, NY 10001
(212) 929-8366

Publications Periodic newsletters.
Competitions Grants for research.

Interior Design Educators Council, Inc.

(Contact Paul Eshelman, Corresponding Secretary, Cornell University, (607) 255-1811).

Publications IDEC Record: members only.
Conferences Apr 2-6, Atlanta. (contact Allan Hing, (205) 826-4516).
Databases IDEC bibliography.

National Architectural Accrediting Board

1735 New York Ave NW
Washington, DC 20006
(202) 783-2007

Publications List of accredited architectural schools.

Databases Statistical diskette available.

National Art Education Association

1916 Association Dr
Reston, VA 22091
(703) 860-8000

Publications NAE News: bimonthly. Art Education: bimonthly.
Conferences Apr 22-26, Boston.

National Association of Schools of Art and Design

11250 Roger Bacon Dr
Reston, VA 22090
(703) 437-0700

Publications Bimonthly report to members.

National Council for Interior Design Qualification

118 East 25 St
New York, NY 10010
(212) 473-1188

Publications Study Guide. Practice Design Problems.

Databases Reading list in Study Guide.

National Institute for Architectural Education

30 West 22 St
New York, NY 10010
(212) 924-7000

Publications Brochure available.

Conferences Career day in architecture, date not determined.

Competitions William Van Allen Travelling Fellowship Design Competition, deadline May. John Dinkeloo Travelling Fellowship portfolio competition; deadline spring. NIAE/American Academy in Rome Portfolio Competition (See Grants).

Society of Architectural Historians

1700 Walnut St
Philadelphia PA 19103
(215) 735-0224

Today's best architects: 1. I.M. Pei; 2. Richard Meier; 3. James Stirling; 4. Robert Venturi; 5. Kevin Roche; 6. Arthur Erickson, Aldo Giurgola, Arata Isozaki, Cesar Pelli; 7. Philip Johnson; 8. Mario Botta, Norman Foster, Helmut Jahn, Kohn Pedersen Fox.*

(See Grants, Historic Preservation)
Publications Newsletter of Society of Architectural Historians: 6/yr. Journal of the Society of Architectural Historians: quarterly.
Conferences Apr 22-26, San Francisco.
Competitions Alice Davis Hitchcock Award for best book written on architectural history.
Professional Development Sponsors graduate degree programs in architectural history and architectural tours.

Grants, Scholarships, Fellowship Sources

Associations

American Hospital Association Division of Management and Technology

(AIA-AHA Fellowship in Health Facilities)
840 North Lake Shore Dr
Chicago, IL 60611
(312) 280-6000

American Academy and Institute of Arts and Letters

633 West 155th St
New York, NY 10032
(212) 368-5900

American Academy in Rome

(Rome Prize)
Fellowship Coordinator
41 East 65th St
New York, NY 10021
(212) 517-4200

American Association of University Women Educational

Foundation

American Fellowships Programs
2401 Virginia Ave NW
Washington, DC 20037
(202) 785-7700

American Institute of Architects/AIA Foundation

Education Department
1735 New York Ave NW
Washington, DC 20006
(202) 626-7436
(202) 626-7353 Scholarship information

American Society for Engineering Education

11 DuPont Circle NW, Suite 200
Washington, DC 20036
(202) 293-7080

Architectural Institute of British Columbia

970 Richards St
Vancouver, BC V6B 3C1 Canada
(604) 683-8588

Association of Collegiate Schools of Architecture

1735 New York Ave NW
Washington, DC 20006
(202) 785-2324

Canadian Construction Association

85 Albert St
Ottawa, ONT K1P 6A4 Canada
(613) 236-9455

Robert Legget Award/National Thesis Competition (contact Public Relations Director).

Gladys Kriebel Delmas Foundation

Grants for research in Venice
40 West 57th St
New York, NY 10019
(212) 603-2302

Dumbarton Oaks Fellowship Studies in Landscape Architecture

1703 32nd St NW
Washington, DC 20007
(202) 342-3234

Graham Foundation for Advanced Studies in the Fine Arts

4 West Burton Pl
Chicago, IL 60610
(312) 787-4071

John Simon Guggenheim Memorial Foundation

90 Park Ave
New York, NY 10016
(212) 687-4470

BALTIMORE Hotels:

Belvedere; Cross

Keys Inn; Hyatt Re-

gency. Restaurants:

Haussner's; Sabati-

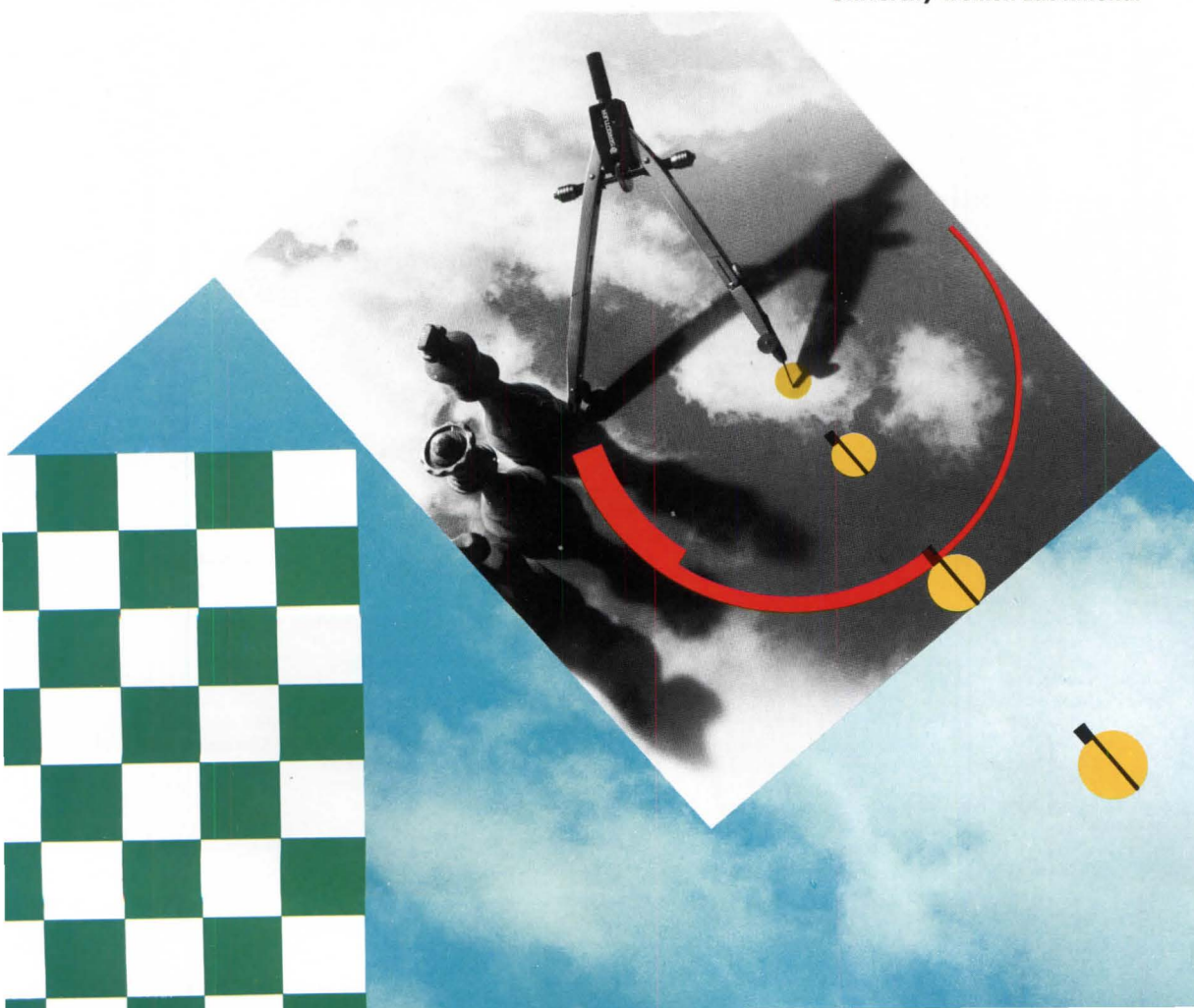
no's; Tio Pepe.*

Harvard Graduate School of Design Loeb Fellowship

Gund Hall, 48 Quincy St
Harvard University
Cambridge, MA 02138
(617) 495-4731

Institute of International Education

(Cintas Fellowships, Fulbright Fellowships, IIT International Fellowships)
809 United Nations Plaza
New York, NY 10017
(212) 883-8200



BOSTON Sights: Beacon Hill; Boston City Hall; Christian Science Center; Faneuil Hall and Quincy Market; Harvard University campus; Isabella Stewart Gardner Museum; John Hancock Building; Trinity Church.*

Kate Neal Kinley Memorial Fellowship Committee

College of Fine and Applied Arts
Architecture Bldg, Room 110
University of Illinois
608 East Lorado Taft Dr
Champaign, IL 61820
(217) 333-6061

Landscape Architecture Foundation

1733 Connecticut Ave NW
Washington, DC 20009
(202) 223-6229

National Association of Women in Construction

327 South Adams St
Ft. Worth, TX 76104
(817) 877-5551

National Endowment for the Arts

Design Arts Program
1100 Pennsylvania Ave NW
Washington, DC 20506
(202) 682-5400
(see Cultural)

National Gallery of Art

Center for Advanced Study in the Visual Arts
Washington, DC 20563
(202) 842-6480

National Institute for Architectural Education

30 West 22nd St
New York, NY 10010
(212) 924-7000

National Trust for Historic Preservation

1785 Massachusetts Ave NW
Washington, DC 20036
(202) 673-4054

Ordre Des Architectes Du Quebec

1825 Blvd Dorchester West
Montreal, Quebec H3H 1R4 Canada
(514) 937-6168

Rockefeller Foundation

Rockefeller Foundation
Humanities Fellowship
1133 Ave of the Americas
New York, NY 10036
(212) 869-8500

Rotch Travelling Fellowship

46 Brattle St
Cambridge, MA 02138
(617) 868-4200

Skidmore, Owings & Merrill Foundation

33 West Monroe St
Chicago, IL 60603
(312) 641-5959

Smithsonian Institution Fellowships and Grants

(Smithsonian Fellowships)
L'Enfant Plaza, Room 7300
Washington, DC 20560
(202) 287-3321

Society of Architectural Historians

1700 Walnut St
Philadelphia, PA 19103
(215) 735-0224

University of Pennsylvania

Graduate School of Fine Arts
Dept of Architecture
John Stewardson Memorial Scholarship in Architecture

*Based on architect survey (see page 61)

110 Meyerson Hall CJ
Philadelphia, PA 19104
(215) 898-5728

Urban Mass Transportation Administration

Office of Grants Management
Dept of Transportation
400 7th St SW
Washington, DC 20590
(202) 366-2360

Washington University

School of Architecture
John Harrison Steedman Memorial
Fellowship in Architecture
St. Louis, MO 63130
(314) 889-6200

Thomas J. Watson Fellowship

188 Benefit St
Providence, RI 02903
(401) 274-1952

Research Networks

Associations

AIA/ACSA Architecture Research Council

1735 New York Ave NW
Washington, DC 20006
(202) 785-2324

Conferences Dates not determined.
Competitions Research Awards program, deadline not determined.

Architectural Research Centers Consortium (ARCC)

c/o President, Robert Shibley
School of Architecture
State University of New York
Buffalo, NY 14214
(716) 831-3483

Publications ARCC Newsletter.

Association for Computer-Aided Design in Architecture (ACADIA)

c/o President, Elizabeth Bollinger
Department of Architecture
University of Houston
University Park
Houston, TX 77004

Publications ACADIA Newsletter: bi-monthly.

Conferences Dates not determined.

Daylighting Network of North America (DNNA)

c/o Fuller Moore
Miami University
125 Alumni Hall
Oxford, OH 45056
(513) 529-6426

Publications DNNA News: quarterly. Manual of Daylighting.

Conferences Dates not determined.

Environmental Design Research Association

L'Enfant Plaza Station
PO Box 23129
Washington, DC 20024
(301) 657-2651

(See Environmental Psychology)

Law

Associations

American Arbitration Association

140 West 51 St
New York, NY 10020
(212) 484-4000

Publications Construction Industry Arbitration Rules.

American Bar Association

750 North Lake Shore Dr
Chicago, IL 60611
(312) 988-5000

Federal Publications, Inc.

1120 20th St NW
Washington, DC 20036
(202) 337-7000

Publications List available.

Conferences Regional seminars, dates not determined.

Conferences

Fifth Annual Construction Law Seminar for Architects, Engineers and Lawyers, April, Chicago. Sponsored by ITT Chicago.

Kent Construction Law Institute [Contact Steven G.M. Stein (312) 641-5252.]

Periodicals

A/E Legal Newsletter [Office of Professional Liability Research, Victor O. Schinnerer & Co, 5028 Wisconsin Ave, NW, Washington, DC 20016]: monthly.

Construction Law Letter [University of Toronto, Dept of Architecture, 230 College St, Toronto, ONT M5S1A1 Canada]: bi-monthly.

Construction Litigation Reporter [Litigation Research Group, PO Box 77903, San Francisco, CA 94107]: monthly.

Guidelines for Improving Practice: Architects and Engineers Professional Liability

Compendium: State Statutes of Limitations for Design Professionals, AIA Government Affairs.

Construction Arbitration Handbook, James Acret. McGraw-Hill, 1985.

Construction Arbitration: Selected Readings, Margaret Gibbons and Linda M. Miller, eds. American Arbitration Association, 1981.

Construction Bonds and Insurance Guide, Bernard Rothschild. AIA, 1979.

Construction Contracts and Claims, Michael S. Simon. McGraw-Hill, 1985.

Construction Litigation, Kenneth M. Cushman, ed. Practising Law Institute, 1981.

Design Flaw Immunity through a Statute of Limitations, Anthony G. White. Vance Bibliographies, 1983.

Design Professional Liability Insurance: A Survey. AIA, 1983.

Design Liability in the Construction Industry,

Replies to the question "if you weren't an architect, what would you be?" included: developer, lawyer, artist, movie director, landscape architect, carpenter, musician, doctor, Talmudic scholar, cab driver, chef, sailor, hardware specialist, psychiatrist, and aircraft designer.*

(Victor O. Schinnerer & Co, 5028 Wisconsin Ave NW, Washington, DC 20016): bi-monthly.

Land Use Law and Zoning Digest [American Planning Association, 1776 Massachusetts Ave NW, Washington, DC 20036]: monthly.

Legal Briefs for the Construction Industry [McGraw-Hill, 1221 Ave of the Americas, New York, NY 10020]: semimonthly.

Magazine Articles

"P/A Practice," *Progressive Architecture*, 1986.

"Construction Claims-Frequency and Severity," *Journal of Construction Engineering and Management*, Mar 1985.

"Contract, Insurance and Surety Bond Problems in the Construction Industry," *Insurance Council Journal*, Jan 1985.

"Liability Insurance Primer," *Architectural Technology*, Spring 1985.

"The Limitation of Liability," *The Wisconsin Architect*, May 1985.

"Malpractice by Architects, Engineers, Land Surveyors," *Professional Liability*, New York State Bar Association, 1981.

"Professional Liability Update," *Architectural Technology*, Fall 1983.

Books

AIA Construction Legal Citator, compiled by Spencer, Whalen and Graham, 1982.

Architects' Contracts: A Bibliography, Mary Vance. Vance Bibliographies, 1985.

Architects-Legal Status, Laws, etc., Mary Vance. Vance Bibliographies, 1985.

The Architect's Guide to Law and Practice, Robert and Karen Greenstreet. Van Nostrand Reinhold, 1984.

The Architect/Engineer Changing Role in the Construction Industry, proceedings of conference sponsored by the American Bar Association, 1984.

Architectural Malpractice: Trends and Cases, Dale E. Casper. Vance Bibliographies, 1986.

Avoiding Liability in Architecture, Design and Construction, Robert F. Cushman, ed. Wiley 1983.

Building Contracts, Mary Vance. Vance Bibliographies, 1985.

David L. Cornes. Granada Press, 1983.

Designer's Guide to OSHA: A Practical Design Guide to the Occupational Safety and Health Act for Architects, Engineers and Builders, Peter S. Hopf. McGraw-Hill, 1982.

Guidelines for Improving Practice: Architects and Engineers Professional Liability. Victor O. Schinnerer & Company, Office for Professional Liability Research, updated continually.

Handbook of Modern Construction Law, Jeremiah D. Lambert and Lawrence White. Prentice-Hall, 1982.

Legal and Contractual Procedures for Architects, Robert Greenstreet. Architectural Press, 1984.

Legal Aspects of Architecture, Engineering, and the Construction Process, Justin Sweet. West Publishing, 1985.

BOSTON Hotels: Bostonian; Copley Plaza; Meridien; Ritz-Carlton; Sheraton Boston; Westin/Copley Place. Restaurants: Cafe Budapest; Maison Robert; Panache (Cambridge).*

Legal Handbook for Architects, Engineers and Contractors, Albert Dib and James K. Grant, eds. Clark Boardman Co, 1985.

Legal Pitfalls in Architecture, Engineering and Building Construction, N. Walker, E. Walker, and T. Rohdenberg. McGraw-Hill.

Liability Strategy Guide, Cheryl B. Terio and James V. Siena. Dept of Government Affairs, AIA, 1986.

Management of Architectural Firms: Legal Topics-Contracts, Antitrust and Duties: A Selected Bibliography, Anthony G. White. Vance Bibliographies, Nov 1981.

Management of Architectural Firms: Legal Topics-Negligence, Insurance, and Liability: A Selected Bibliography, Anthony G. White. Vance Bibliographies, Nov 1981.

Understanding Professional Liability Insurance

90% of the architects surveyed said yes, they were "glad" they'd chosen to be architects. Most decided they wanted to be architects while still in their teens.*

ance. American Consulting Engineers Council, 1984.
Untangling the Web of Professional Liability. Risk Analysis & Research Corp, 1980.

Management

Construction Management

Associations

Associated General Contractors of America

1957 E St NW
 Washington DC 20006
 Publications AGCA National Newsletter: weekly. Constructor: monthly. List available.
 Conferences Sept 18-22, Boston. Marketing Exhibition, Mar 5-10, Washington, DC. Competitions Contact AGCA for information.

CHICAGO Sights: Auditorium Building; Carson Pirie Scott Store; 860-880 Lakeshore Drive; Glessner House; IIT Campus; Monadnock Building; Robie House, Frank Lloyd Wright Home and Studio, Oak Park; Unity Temple, Oak Park.*

Construction Management Association of America

1025 Thomas Jefferson St NW, Suite 400E
 Washington, DC 20007
 (202) 944-3651
 Publications CM Advisor: bimonthly. Manual of Standards for Professional Practice. Conferences Sept 27-30, Boca Raton, FL. Forum, June, Washington, DC.

Books

Construction Management: Basic Principles for Architects, Engineers and Owners, Robert A. DeGoff and Howard A. Friedman. Wiley, 1985.
Construction Management: Basic Principles for Facility Planners and Design Professionals, Robert DeGoff. Wiley, 1984.
Construction Management: The Construction Management Process, James J. Adrian. Prentice-Hall, 1981.
Construction Management: Developing, Marketing and Delivering Construction Management Services, Charles B. Thomson. McGraw-Hill, 1982.
CPM in Construction Management, James J. O'Brien. McGraw-Hill, 1984.
The Construction Management Process, Kwaku A. Tanah. Reston Publishing Co, 1985.
Financial and Cost Concepts for Construction Management, Daniel M. Halprin. Wiley, 1985.
Fundamentals of Construction Management and Organization, Kwaku A. Tanah. Reston Publishing Co, 1985.
Management of Small Construction Projects, Alfred P. McNulty. McGraw-Hill, 1986.
The McGraw-Hill Construction Management Form Book, Robert F. Cushman and Others. McGraw-Hill, 1983.
Professional Construction Management, Donald S. Barrie and Boyd C. Paulson, Jr. McGraw-Hill, 1984.
Professional Construction Management and Project Administration, William Foxhall. Architectural Record Book, 1976.
Simplified Guide to Construction Manage-

ment for Architects and Engineers, James E. Gorman. Cahners Books, 1976

Magazine Articles

"Construction Management: A Useful Service—If You Know How to Work With It," *Architectural Record*, Mar 1983.
 "Construction Management: What's Happened to It? Is it Still Valid?," *Architectural Record*, 1984.

Facility Management

Associations

Building Owners and Managers Association International

1250 Eye St NW
 Washington, DC 20005
 (202) 289-7000
 Publications Skylines: monthly. BOMA Experience Exchange Report: annual. Conferences Dates not determined.

International Facility Management Association

Summit Tower, Suite 1410
 11 Greenway Plaza
 Houston, TX 77046
 (713) 623-4362
 Publications Facility Management News: monthly, members only.
 Conferences Facilities '87, June 25-27, Washington, DC; IFMA '87, Nov. 1-4, Dallas.

Herman Miller Research Corp.

3971 S. Research Park Dr.
 Ann Arbor, MI 48104
 (313) 994-0200
 Conferences Oct 2-3, by invitation.

Operations Management Education and Research Foundation

PO Box 835991
 Richardson, TX 75082
 (214) 368-5393

Conferences

Computer-aided Design and Facilities Management (contact Gralla Conferences, New York).
 INNOVA Office Exhibit (contact INNOVA, Houston). See Office/Office Buildings.

Periodicals

Area Development, Sites & Facility Planning (525 Northern Blvd, Great Neck, NY 11021): monthly.
 Building Design & Construction (Cahners Plaza, 1350 East Touhy Ave, P.O. Box 5080 Des Plaines, IL 60018): monthly.
 The Building Economics Newsletter (McGraw-Hill, 1221 Ave of the Americas, New York, NY 10020): biweekly.
 Building Operating Management (Trade Press Publications Co, 2100 West Florist Ave, Box 694, Milwaukee, WI 53201): monthly.
 Buildings (Stamats Communications, Inc., 427 6th Ave, South East, PO Box 1888, Cedar Rapids, IA 52406): monthly.
 Business Facilities (121 Monmouth St, Red Bank, NJ 07701): monthly.
 Corporate Design & Reality (Cahners Publishing, 270 St. Paul St, Denver, CO 80206): bimonthly.
 Facilities Design and Management (Gralla Publications, 1515 Broadway, New York, NY 10036): monthly.
 Facilities Planning News (Tradeline, Inc, PO Box 1568, Orinda, CA 94563): monthly.
 FM Automation Newsletter (9501 West Divan, Suite 203, Rosemont, IL 60018): monthly.
 Insite on Facilities Management (Office of Facility Management, Massachusetts Institute of Technology, E19-451, Cambridge, MA 02139): quarterly.

Books

Computer-Aided Facilities Planning, H. Lee Hales. Marcel Dekker, 1984.
The Current State of Facility Management Automation. Graphic Systems, Inc.
Facilities Management Handbook, John Molnar. Van Nostrand Reinhold, 1983.
Words to Know: A Glossary of Key Facility Planning Terms. Tradeline, Inc.
Works on Facility Management: A Bibliography, John B. Evans. Vance Bibliog-

raphies #1414, 1985.

Magazine Articles

"CAFM Software Source Guide," *Facilities Design & Management*, Sept 1986.
 "Choosing a Computer-Aided Facility Management System," *Architectural Technology*, July/Aug 1986.
 "The Facility Management Market," *Architectural Technology*, July/Aug 1986.
 "Practice: Comes the Facility Manager," *Architectural Record*, June 1985.

Databases

Facility Management (ACTS Inc, St. Louis).

Audiovisual

"Facility Management: Opportunities for New Client Services" (ACTS Inc, St. Louis).

Publications Management Review: monthly.

Conferences Human Resource Conference, Mar 30-Apr 1, New York; Marketing & Sales Conference and Exposition, June 22-24, Chicago.

Competitions Gantt Award for outstanding community service by a manager.

Design Management Institute

621 Huntington Ave
 Boston, MA 02115
 (617) 232-4496
 Publications Newsletter: quarterly.
 Conferences Mar 4-6, Monterey, CA; Sept 15-19, Martha's Vineyard; annual conference dates not determined.

84% of the architects surveyed preferred a generalized practice to specialization. 76% think a practice is better organized by team than by department.*

Practice Management

Associations

AIA, Project Management Committee

1735 New York Ave NW
 Washington, DC 20006
 (202) 842-4300
 Conferences Series of roundtables on successful firms.

American Management Association

135 West 50th St
 New York, NY 10020
 (212) 586-8100

Practice Management Associates

10 Midland Ave
 Newton, MA 02158
 (617) 965-0055
 Publications Professional Services Management Journal (circulation, MRH Associates, PO Box 11316, Newington, CT 06111): monthly. List available.
 Conferences Apr 22-23, Washington, DC.
Professional Services Management Association
 1213 Prince St
 Alexandria, VA 22314
 Publications Focus Digest: annual newsletter. Ascent: bimonthly. Monographs: special issues.

Best design exhibition of the past year; 1. Vienna 1900, Museum of Modern Art; 2. 150 Years of Chicago Architecture, Chicago Museum of Science and Industry.*

Grove. Random House, 1983.
How to Set Up an A/E Quality Control System. Guidelines, 1985.
In Search of Excellence, Thomas J. Peters. Harper & Row, 1983.
International Construction Business Management; A Guide for Architects, Engineers and Contractors, Chester L. Lucas. McGraw-Hill, 1986.
Management by Objectives: A Self-Instructional Approach, Williams C. Giegold. McGraw-Hill, 1978.
The Management Grid, Robert R. Blake. Gulf Publishing Co, 1964.
Role of Design in the Profitable Architectural Office. AIA Committee on Design, 1978.
Techniques for Successful Practice for Architects and Engineers, William Foxhall. McGraw-Hill, 1978.

Databases

ABI/Inform (DIALOG).
 Harvard Business Review (DIALOG, BRS).
 Management Contents (DIALOG).

Audiovisual

Architapes (AIA Professional Development Programs).
 "Improving Your Firm's Productivity" (ACTS, Inc, Baldwin, MO).
 "In Search of Excellence" (Management Training and Human Resources Development Films, Inc, Chicago).
 "Maximizing Your Effectiveness in the Firm" (ACTS, Inc).
 "Ownership Transition" (ACTS Inc).
 "Roundtable Training Films and Videos" (Beverly Hills, CA).
 "Setting Up An Architectural Firm" (AIA).
 "Small Firm Techniques for Success" (AIA).

Project Management

Associations

American Management Association

135 West 50th St
 New York, NY 10020
 (212) 586-8100
 Seminars Sponsors numerous seminars on basic management, project management, and scheduling technical projects (contact AMA for schedule).

Designetics International, Inc.

327 Batavia Place
 Waterloo, ONT N2L 3W1, Canada
 (519) 884-8203 or (818) 506-7765 in Los Angeles.

Seminars Project management Jan 19-21, Toronto; Feb 9-11, Montreal. Time Management Jan 22; Toronto, Feb 12, Montreal.

Engineering & Management Institute

Iowa State University
 Industrial Engineering Extension
 EES Building Haber Rd
 Ames, IA 50011
 (515) 294-8819
 Seminars Project Management Principles & Practice, Mar 19, Ames, IA.

MRH Associates, Inc.

PO Box 11316
 Newington, CT 06111
 (203) 666-9487
 Publications Professional Services Management Journal: monthly.

Management Training Center

PO Box 1000, 1340 Barrington St
 Halifax, N.S. Canada
 (902) 429-6050
 Seminars Network Planning & Control, Nov 23, New Brunswick. Project Management, date not determined.

Professional Development Institute

1202 Bank St

Ottawa, ONT K1S 3Y1 Canada
 (613) 235-1115
 Seminars Mar 6-10 and Dec 7-11, Ottawa; Mar 9-13 and Sept 14-18, Toronto; June 1-5, Vancouver.

Professional Services Management Association

PO Box 15466
 Santa Ana, CA 92705
 Seminars Engineering Project Management, Basic Project Management, Senior Project Management, Planning, Scheduling & Control, dates not determined.

Project Management Institute

P.O. Box 43
 Drexel Hill, PA 19206
 Seminars Oct 2-7, Milwaukee, WI.

Periodicals

Guidelines for Improving Practice; Architects and Engineers Professional Liability, (Office for Professional Liability, Victor O. Schinnerer & Co, Inc, 5028 Wisconsin Ave NW, Washington, DC 20016).
 Guidelines Letter; New Directions and Techniques in the Design Professions (Guidelines, PO Box 456, Orinda, CA 94563): monthly.

Books

Managing Architectural Projects: The Process. AIA Service Corp.
Managing Architectural Projects: The Effective Project Manager. AIA Service Corp.
Managing Architectural Projects: Case Studies. AIA Service Corp.
Managing Architectural Projects: The Project Management Manual. AIA Service Corp.

Databases

Advanced Pro-Path 6 (SoftCorp).
 Demi-Plan (AMS Time Machine).
 ESYGANTT (Morgan Computing).
 Microgantt (Westico).
 Microport (Sheppard Software Co).
 Microsoft Project Manager (Local distributors).
 Microtrak (Softrak Systems).
 Milestone (Digital Marketing Corp).
 Pac Micro (AGS Management Systems).
 Pertmaster (Westminster Software).
 Plantrax (Omnicon Software).
 PMS-II (North America Mica).
 Project Scheduler 5000 and Network (Scitor Corp).
 Visischedule (Paladin Software).

Marketing

Associations

American Marketing Association

250 South Wacker Dr
 Chicago, IL 60606
 (312) 648-0536

Publications Marketing News: biweekly.
 Journal of Marketing: quarterly. Journal of Marketing Research: quarterly. Journal of Health Care Marketing: quarterly. Proceedings & bibliographies available.
 Conferences Contact AMA for complete list of seminars and conferences.
 Databases Contact AMA Library.

Public Relations Society of America

845 Third Ave

New York, NY 10022
 (212) 826-1750

Publications Newsletter: irregular, members only. Public Relations Journal: monthly. Public Relations Register: annual. Conference Nov 8-11, Los Angeles.

Competitions Silver Anvil Competition, deadline early Mar.

Databases Public Relations and Marketing Forum available through CompuServ (800) 848-8199.

Society for Marketing Professional Services

801 North Fairfax St, Suite 215
 Alexandria, VA 22314
 (703) 549-6117

Publications SMPS News: monthly, members only. List available.

Conferences Sept 30-Oct 2, Chicago. Seminar for Marketing Coordinators, dates not determined (contact Cox Group, Philadelphia).

Periodicals

A/E Marketing Journal (MRH Associates, PO Box 11316, Newington, CT 06111): monthly.

Design Market Outlook, (Cahners Publishing, 275 Washington St, Newton, MA 02158): quarterly.

CHICAGO Hotels:

Drake; Mayfair Re-

gent; Ritz-Carlton;

Tremont. Restau-

rants: Avanzare; Cafe

Ba Ba Reeba; Cape

Cod Room; Cricket's;

Le Peroquet. Chicago

Pizza: Gino's East;

Pizzeria Uno/Due.*

Professional Marketing Report (Gerre Jones Associates, Inc, Box 32387, Washington, DC 20007): monthly.

Professional Services Management Journal (MRH Associates, PO Box 11316, Newington CT 06111): monthly.

Books

A/E Marketing Book of Forms, Carol McConachie, ed. Practice Management Associates, 1986.

A/E Marketing Handbook, Sandy D'Elia, Jim Ricereto and Margaret Spaulding. MRH Associates, 1983.

A/E Promotions Strategies Summary Report. MRH Associates, 1984.

Bradford's Directory of Market Research Agencies and Management Consultants in U.S. and World. Bradford's Directory.

Construction Marketing and Strategic Planning, Ben C. Gerwick and John C. Woolery. Wiley, 1983.

Creative Communications for a Successful Design Practice, Stephen A. Kliment. Whitney Library of Design, 1977.

Design and Building Industry's Publicity Directory, MRH Associates. Design Firm Marketing Guide. MRH Assocs, 1984.

Design Presentation: Techniques for Marketing and Project Proposals, Ernest Bur-

Conferences Oct 13-17, Denver; also sponsors seminars.

Competitions Management Achievement Award, deadline Aug 1.

Royal Architectural Institute of Canada

328 Somerset St West
 Ottawa, Ontario K2P 0J9 Canada
 (613) 232-7165

Publications Update: bimonthly, members only.

Conferences June 3-6, Regina, Saskatchewan.

Society of Architectural Administrators

1735 New York Ave NW
 Washington, DC 20006
 (202) 626-7566

Publications Newsletter: monthly, members only.

Conferences Dates not determined.

Periodicals

Guidelines Letter (PO Box 456, Orinda, CA 94563): monthly.

Harvard Business Review (PO Box 866, Farmingdale, NY 11737): bimonthly.

Books

Architect's Handbook of Professional Practice. AIA, 1985.

CSI Manual of Practice. CSI, 1985.

Canadian Handbook of Practice for Architects. Royal Architectural Institute of Canada, 1978.

Current Techniques in Architectural Practice, Robert Allan Class and Robert E. Koehler, eds. AIA, 1976.

From Designer to Manager; How to Master the Transition in a Growing Design Practice. Practice Management Associates, 1986.

From Technical Professional to Corporate Manager; A Guide to Career Transition, David E. Dougherty. Wiley, 1984.

High Output Management, Andrew S.

*Based on architect survey (see page 61)

Best restoration or adaptive reuse project of the past five years: Baltimore City Hall; Church Court Condominiums, Boston; Monterrey Aquarium; New York State Senate Chambers, Albany; Old Post Office, Washington, D.C.; Queens Quay Building, Toronto; Union Station, St. Louis; Wainwright Building, St. Louis.*

den. McGraw-Hill, 1984.

The Federal Client: the How, What and Who of Government Architect-Engineer Contracting. American Consulting Engineers Council.

How to Market Professional Design Services. Gerre Jones Assoc, ed. McGraw-Hill, 1986.

Marketing Architectural and Engineering Services. Weld Cox. Van Nostrand Reinhold, 1983.

Marketing Architectural Services: Architect's Handbook for Professional Practice. AIA, 1986.

Marketing Architectural Services for Health Care. Kevin W. Green. American Institute of Architects.

Marketing for the Small Design Firm. Jim Morgan. Whitney Library of Design, 1984.

Select for Success. Society for Marketing Professional Services, 1986.

Marketing Professional Services. Philip Kotler and Paul N. Bloom. Prentice-Hall, 1984.

Marketing Professional Services Bibliography. MRH Associates.

Preparing Design Office Brochures: A Handbook. David Travers. Management Books, 1982.

Proposal Preparation. Rodney and Ann Stewart. Wiley, 1984.

Proposal Preparation and Management Handbook. Roy J. Loring and Harold Kerzner. Van Nostrand Reinhold, 1982.

Public Relations and Design Professionals. Gerre Jones. McGraw-Hill, 1980.

Select for Success. Society for Marketing Professional Services, 1986.

Small Design Firm Marketing Manual. Howard G. Birnberg. Birnberg & Assocs, 1983.

Successful Public Relations for the Profession. compiled by Patricia Ewing Pace and Jo Culbertson. Professional Publishing, 1982.

DALLAS/FORT

WORTH Sights: Dallas

City Hall; Dallas-Fort

Worth Regional Air-

port; Dallas Museum

of Art; Kimbell Art

Museum, Fort Worth;

LTV Tower; Texas

State Fair Park; Water

Gardens, Fort

Worth.*

The Winning Proposal. Herman Holtz and Terry Schmidt. McGraw-Hill, 1981.

Magazine Articles

"Charting Your Course: Master Strategies for Organizing and Managing Architectural Firms," *Architectural Technology*, May/June 1986.

"Getting Published in the General Press," *Architectural Record*, Jan 1986.

"The Market for Architects," *P/A*, July 1986.

"Marketing: Do it Like Project Delivery," *Architectural Record*, Mar 1986.

"Marketing: Has It Benefitted Architecture?" *Architectural Record*, July 1985.

"Matrix for Success," *P/A*, May 1986.

"Who's Doing What, When and How, (design firms marketing efforts)," *Architectural Record*, Aug 1985.

Databases

Construction Marketer (Tecton Media, Inc, 310 Madison Ave, New York, NY 10017).

Infomax (Infomax Corp, PO Box 1369, Tualatin, OR 97062).

Marketing Software/Project & Consultant Marketing Software (Archsoft Consultants, 137 1/2 Park Lane, Kirkland, WA). Prospective Project Forecasting and Tracking (SMPS, 801 North Fairfax St, Arlington, VA

Best new products or materials of the last five years: single-ply roofing; CAD systems; glass-fiber-reinforced concrete; insulated aluminum panels; flat wiring; solid color laminate; disposable razors.*

22314).

RSP Software for the AIA, proposal generation systems (A/E Management Services, Inc, 4439 Napier Rd, Plymouth, MI 48170). 254/255 Generator (Architects Software Network, Reston, VA).

Audiovisual

Tapes of AIA seminars and convention speeches available. Contact (202) 626-7536.

Professional Marketing Services Journal videotapes on presentations and sales techniques. Contact PMSJ c/o Practice Management Associates.

Additional Information Services American Consulting Engineers Council

1015 Fifteenth St NW
Washington, DC 20005
(202) 347-7474

Publications Series of guidelines on obtaining work with the Federal Government.

Office Network

1801 Main St
Houston, TX 77002
(800) 231-7224

Publications National Office Market Report: biannual.

Urban Land Institute

1090 Vermont Ave NW
Washington DC 20005
(202) 289-3355 information
(202) 289-3381 publications catalog

Project Lead Sources

Building Project Planned List (Live Leads Corp, 200 Madison Ave, New York, NY 10016): monthly.

Commerce Daily (Superintendent of Documents, Government Printing Office, Washington, DC 20402): daily.

Construction Report on Hospitals (American Hospital Publishing Co, 211 East Chicago Ave, Chicago, IL 60611): monthly.

Dodge Reports (McGraw-Hill Inc, 1221 Ave of the Americas, New York, NY 10020): daily.

From the State Capitals (Wakeman/Walworth, Inc, PO Box 1939, New Haven, CT 06509): weekly.

New Construction Reports (Clark Associates, 127 Scranton Bldg, PO Box 185, Lake Bluff, IL 60044): per clients' requests.

Project Reports (PO Box 7375, Marietta, GA 30065): monthly.

Sales Prospector (751 Main St, Waltham, MA 02254): monthly.

Weekly Construction Preview (National Building News Service, Main St, Harrisville, NH 03450): weekly.

Personnel

Associations

Dietrich & Associates

PO Box 511
Phoenixville, PA 19460
(215) 935-1563

Publications Architectural Salaries Survey, 1985. *Architectural Management Salaries Survey*, 1986. List available.

Practice Management Associates

Ten Midland Ave
Newton, MA 02158
(617) 965-0055

(See Practice Management)
Publications Professional Services Management Journal: monthly. List available.

1985 Incentive Compensation Survey.
1986 Financial Statistics Survey 1986 Executive Management Salary Survey.

Books

Compensation Guidelines for Architectural and Engineering Services, Stephen Kliment. AIA, 1978.

Compensation Management: A Guideline for Small Firms, Peter Piven. AIA, 1982.

Financial Performance Survey for Design Firms. Birnberg & Associates/The Profit Center, 1985.

Management of Architectural Firms: Personnel Practices, A Selected Bibliography. Anthony G. White. Vance Bibliographies, 1981.

Personnel Practices Handbook, Robert E. Koehler. AIA, 1978.

Survey of Firms on Employment, Compensation and Revenue. AIA, 1983.

Magazine Articles

"Myths and Truths about Compensation," *P/A*, July 1986.

"Solving the Pension Puzzle," *Architectural Technology*, Fall 1985.

"Third Designers Compensation Survey Results," *Contract*, July 1986.

Registration

Associations

Architectural License Seminars

Box 64188
Los Angeles, CA 90064
(213) 208-7112

Publications Structural Questions & Answers; Exam Questions & Answers; Exam Fact Book; Design Exercise Handbook. Home study courses list available.

Conferences Seminars on design and structure; contact for schedule.

Audiovisual "Preparing for the Exam"; "Candidates Speak Out"; "The Graders' Viewpoint."

National Council of Architectural Registration Boards

1735 New York Ave, NW
Washington, DC 20006
(202) 783-6500

Publications Architect Registration Examination Handbook, 1986.

The Registration Institute

2600 Bantary Bay Dr
Tallahassee, FL 32308
(904) 224-3044

Conferences Seminars addressing all parts of NCARB exam, May 15-17, Atlanta; May 22-24, Dallas; May 24-26, Miami.

Books

Proceedings of International Conference on Architectural Registration. Joint Committee on Architectural Registration, 1978.

Specifications

Associations

American Society for Testing and Materials

1916 Race St
Philadelphia, PA 19103
(215) 299-5400

Publications Standardization News: monthly. ASTM Standards, 66 volume set.

Databases SIC/ORBIT.

Construction Specifications Institute

601 Madison St
Alexandria, VA 22314
(703) 684-0300

Publications Construction Specifier: monthly. *Manual of Practice. News Digest:* monthly. *Masterformat.*

Conferences June 26-28, Detroit. Competitions Excellence in Specification Writing Competition, deadline Nov. Databases Spectext, Spec-data.

DALLAS/FORT

WORTH Hotels: Fair-

mont; Mansion on

Turtle Creek; Mel-

rose. Restaurants:

Calluau; Chiquita;

Old Warsaw; Routh

Street Cafe.*

Periodicals

Masterguide, 5 regional editions, AIA: annual.

Books

Construction Contracts and Specifications, Glenn M. Hardie. Reston Publishing, 1981.

Construction Specifications Handbook, Hans W. Meier. Prentice-Hall, 1983.

Construction Specifications Writing: Principles and Procedures, Harold Rosen. Wiley, 1981.

Index of Federal Specifications, Standards, and Commercial Item Descriptions, General Services Administration. Government Printing Office, 1983.

The Practical Specifier: A Manual of Construction Documentation for Architects, Walter Rosenfeld. McGraw-Hill, 1985.

Specification for Architecture, Engineering, and Construction, Chesley Ayers. McGraw-Hill, 1984.

Specification for Commercial Interiors, S.C. Reznikoff. Whitney Library of Design, 1979.

The Specification Writer's Handbook, Leslie H. Simmons. Wiley, 1985.

The Specification Writer's Book of Checklists and Forms, Leslie H. Simmons. Wiley, 1986.

Technical Aid Series Documents, CSI.

Construction Specifier, monthly feature. *P/A*, periodic articles.

Databases

Building Products File & Tech-Data (Information Handling Services, Englewood, CO).

Comspec (Bowne Information Systems, Great Neck, NY).

Masterspec & Interiors Masterspec (AIA). *Thomas' Register* (DIALOG).

Standardspec (CSI).

Sweet's Catalog (McGraw-Hill, New York).

Vendor Selection Service, (Information Marketing, Oak Park, MI).

Favorite North American cities: 1. San Francisco;

2. New York; 3. Chicago; 4. Boston; 5. Toronto;

6. Washington; 7. Montreal, New Orleans, Phila-

delphia, Pittsburgh, Vancouver; 8. Portland.*

Least favorite North American cities: 1. Houston;

2. Detroit; 3. Los Angeles; 4. New York; 5.

Newark; 6. Cleveland, Miami; 7. Atlanta, Dallas,

Memphis; 8. Indianapolis, Pittsburgh, Salt Lake

City.*

Information: The AIA as a Resource

Architects looking for information often turn to the American Institute of Architects. This article explains how to go about cracking the AIA network and evaluates its achievements and shortcomings as an information resource.

ANYONE who has tried to deal with city hall or any such bureaucracy quickly learns a basic lesson: it's best to know what you're looking for and who's likely to have it—before you begin. The less certain you are about these key factors, the longer a search will take and the more frustrating false leads you're likely to follow. The American Institute of Architects is a bureaucracy too, and, like many a city hall, it has taken steps to help people find the information they seek. The element that works best in this regard is The AIA's Information Center, the entity that encompasses the Institute library, its archives, and its audio-visual collection. It's the sensible place to begin an inquiry and something of an unintended secret.

The Information Center

The AIA Information Center can research virtually any question related to the practice and the history of architecture. It has a small but dedicated and knowledgeable staff able to draw on over 500 bibliographies and, most recently, computerized bibliographic indices and data bases. Plans are afoot to add to these computer-based capabilities to the degree that members will soon be able to access data bases directly via telephone. If the staff members can't answer a question, chances are good that they will know who can. They are conscientious about assuring that all reasonable questions are answered and all calls returned. In addition to loaning from its collection of 20,000 books, 450 periodicals, and 10,000 slides, the Information Center will perform bibliographic searches on almost any topic.

In this era of emphasis on the financial bottom-line, the AIA's library functions have not been spared budgeting difficulties; the library will be closed to walk-in traffic on Mondays starting in 1987 (but will still answer telephone inquiries and will be usable by advance arrangement). Some services now involve fees.

Government Affairs

Because information (after money and votes) is central to the lobbying process, the AIA's government affairs operation warrants mention. Some members assert that the Institute doesn't do enough, but the AIA's government affairs department, like other elements of the Institute, takes its lobbying cues (and gathers most of its information) directly from the membership. The AIA's Legislative Minuteman program, which includes an excellent newsletter, is designed to inform and engage members who are willing to contact senators and representatives on issues of concern. To join, write the AIA's government affairs department.

Generic Limitations

The AIA's most effective information transfer probably takes place during the many meetings and conferences that occur under its auspices. Most of this information is captured only by the individuals who are active in the process, however, and that's one reason why there is generally good participation in the AIA's voluntary committees.

Of course, just about everything the AIA does is concerned in some way with information, and experience suggests that staff members assigned to work with AIA committees are particularly current on related matters. However, much of the information routinely issued by the AIA suffers the generic drawbacks endemic to all professional societies with national membership:

- **It's not very technical.** There are regular exceptions—such as conferences, seminars and special bulletins—but much of the routine information is con-

cerned with coming events, policy developments, and the "club news" that is properly a part of an association's life.

- **It comes mainly from the membership.** This is a strength, because it helps to assure that information is both authoritative and pertinent; but it's also a weakness, because the system of gathering and processing information relies heavily on voluntary effort, which can be uneven and slow.
- **It tends to be national in scope.** State and local organizations tend to be in closer touch with the information topics of immediate concern to individual members. But a state or local group is unlikely to have captured experience and ideas from other places around the country, and may not be able to take action as effectively as a larger national organization.
- **It tends to be upbeat.** Even when enthusiasm and optimism may not be warranted, association staff members and managers tend to put a positive spin on industry developments, even if only to suggest that they're doing something about whatever dire situation is at hand. A certain amount of self-serving selectivity may enter into decisions about what information is issued.
- **It can be dated and watered-down.** As with some foods, by the time information has been discussed, debated, reviewed, massaged, and otherwise processed before it is released, nutrients may be removed along the way and it may get stale. Once all points of view have been aired and all reasonable qualifications have been added, what emerges may not be the decisive information sought, and it may not be very current.

The Research Gap

Unfortunately, little can be said on the subject of architectural research at the AIA. For a time and to a limited extent the now-defunct AIA Research Corporation (most recently a part of the AIA Foundation) fulfilled an essential professional function by adding to, or vigorously encouraging others to expand, the knowledge and information base available to practitioners and to others interested in architecture.

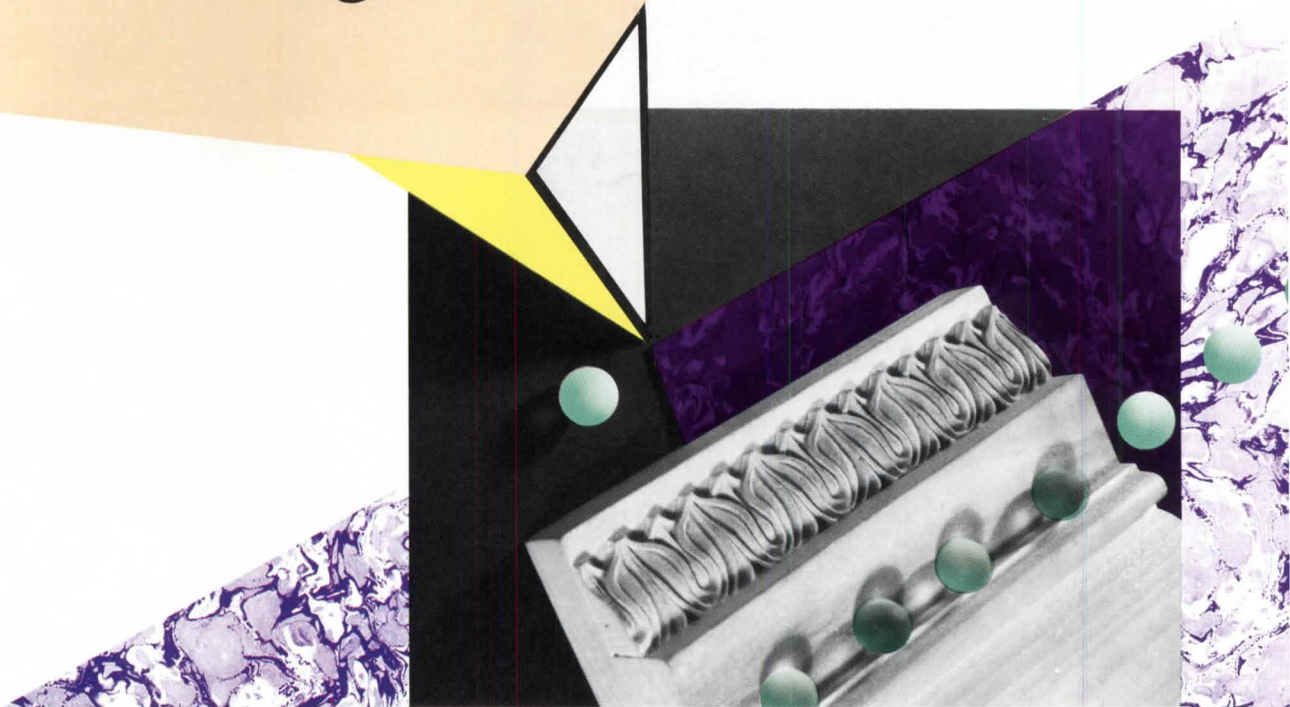
This resource no longer exists as a separate entity under the AIA umbrella. The gap that remains may one day be filled by the recently formed Design Research Council, a joint endeavor between AIA and the Association of Collegiate Schools of Architecture.

Getting to the Source

A few AIA members were invited recently to review staff plans for the next edition of a guide to the resources of the Institute, which is updated yearly. The present version reads like a catalog of products, hawking everything from educational audiotapes to tie tacks.

One reviewer's comment was particularly cogent: "Sure, go ahead and tell me about all of the books, tapes, and educational programs I can buy. But if you really want to give me a handle on the information available at AIA headquarters, give me a current organization chart and a staff telephone directory." His point: People are usually the best source of information. It really doesn't matter whether the AIA follows this (only partially) glib suggestion, because there's already a fine alternative: Call the AIA's Information Center, at (202) 626-7493. **Thomas Vonier** ■

Design



Building Types

Correctional

Associations

AIA Committee on Architecture for Justice

1735 New York Ave NW
Washington DC 20006
(202) 626-7366
Publications Design Resource File.
Conferences Feb 8, Honolulu. Oct 7-9,
Columbus, OH.
Competitions Annual exhibit at American
Correctional Association conference.

National Criminal Justice Reference Service, Division of the National Institute of Justice

Box 6000
Rockville, MD 20850
(301) 251-5500
Publications Construction Bulletins. Directory of Correction.
Databases NCJRS (DIALOG).
National Institute of Corrections
320 First St, NW
Washington, DC 20534
(202) 724-3106

Favorite landscape architect: Dan Kiley. Favorite lighting designers: Howard Branston, Sylvan Shemitz. Favorite structural engineers: 1. William Le Messurier; 2. Ove Arup, Les Robertson, Lev Zetlin.*

American Correctional Association

4321 Hartwick Rd, #L-208
College Park, MD 20740
(301) 699-7600
Publications Corrections Today and On the Line: alternating months.
Conferences Jan 15-18, Atlanta. Aug 2-6, New Orleans.
Competitions AIA/ACA Annual Exhibit of Architecture for Justice; exhibit catalog available.

Commission on Accreditation for Corrections

3202 Monroe St, Suite 140
Rockville, MD 20852
(301) 770-3097
Publications Action Line: 3-4/yr.

Community Research Association

115 North Neil St, Suite 302
Champaign, IL 61820
(217) 398-3120

Correctional Facilities Association

524 Peachtree St
Atlanta, GA 30308
(404) 576-3800

Federal Bureau of Prisons

320 First St NW, Room 460
Washington, DC 20534
(202) 272-6524

Conferences Designs for Correctional Facilities, dates not determined.

National Institute of Justice

633 Indiana Ave, NW
Washington, DC 20531
(202) 724-2942
Publications National Institute of Justice Report: bimonthly.

Periodicals

Corrections Digest (Washington Crime News Services, 7620 Little River Turnpike, Annandale, VA 22003): biweekly.
Criminal Justice Newsletter (Pace Communications, 443 Park Ave South, Room 704, New York, NY 10016): bimonthly.

Books

Conference Proceedings of the AIA Committee for Architecture for Justice. AIA Committee for Architecture.
Correctional Facility Design and Construction Management, Dale K. Sechrest and Shelley J. Price. National Institute of Justice, 1984.

Correctional Facility Planning and Design, Jay Farbstein. Van Nostrand Reinhold.
The Correctional Institute; Architectural-Engineering Standards, Istvan Lendvay. Facilities Design Planning, Ontario Ministry of Correctional Services, 1977.
Current Perspectives on Prison Architecture in the United States: An Introductory Bibliography, Staff of the Bibliographic Research Library. Vance Bibliographies #1046, 1983.

Designs for Contemporary Correctional Facilities, Crofton, MD. Capital Publishing Co, 1985.

Design Guide for Secure Adult Correctional Facilities. American Correctional Association, 1983.

Design Resource File: Planning Justice Facilities. AIA Committee for Architecture for Justice, 1980.

Direct Supervision Models. National Institute of Corrections Information Center, 1984.

Directory of Corrections Construction. National Criminal Justice Reference Service, 1986.

Emerging Trends in Finance, Construction and Ownership of Correctional Facilities, AIA Committee on Architecture for Justice, 1985.

Evaluation of Correctional Environments, Jay Farbstein and Richard E. Wener. Environment and Behavior, Nov 1982.

Guards Imprisoned: Correctional Officers at Work, Lucien X. Lombardo. Elsevier, 1981.

The Human Cage: A Brief History of Prison Architecture, Norman Johnston. Walker, 1973.

Jails and Prisons: A Bibliography, Mary Vance. Vance Bibliographies, 1986.

Kind and Unusual Punishment: The Prison Business, Jessica Mitford. Random House, 1974.

National Jail and Adult Detention Directory. The American Correctional Association.

The New Red Barn, William Nagel. Walker and Co, 1973.

New Generation Jails—An Innovative Approach to an Age-old Problem, S.H. Gettner. National Criminal Justice Reference Service, 1984.

Precast and Prestressed Concrete for Justice Facilities, Walker McGough Flotz Lyerla and Consulting Engineers Group for the PCI Justice Facilities Committee. Prestressed Concrete Institute, 1985.

Prison Architecture: An International Survey of Representative Closed Institutions and Analysis of Current Trends in Prison Design. Architectural Press for the UN Social Defense Research Institute, 1975.

Standards for Adult Correctional Institutions. American Correctional Association, 1981.

Time to Build? The Realities of Prison Construction. Edna McConnell Clark Foundation, 1984.

U.S. Manual of Standards for Prison Design. American Correctional Association.

Use of Modular Construction in Prototype Design for Prison Construction, Dale K. Sechrest, Nick Pappas and Shelley J. Price. Commission on Accreditation for Correction, 1985.

User-based Assessment of the Federal Metropolitan Correctional Centers: Final Report to U.S. Bureau of Prisons. Polytechnic Institute of New York, 1978.

Magazine Articles

"Correctional Architecture—Focus '84," Corrections Today, Apr 1984.

"Correctional Facilities," Construction Specifier, Nov 1983.

"Correctional Facilities, U.S. & Canada," AIA Library Bibliography #95.

"From Dungeon to Dayroom," Texas Architect, May/June 1980.

"Jail Architecture: Planning and Design Concepts for Current and Future Needs," National Sheriff, Apr/May 1984.

"New Generation Justice Facilities," Architectural Technology, Winter 1985.

"Rule of the Cruel; How Violence is Built into America's Prisons," The New Republic, Oct 15, 1984.

"Slammers," P/A, Mar 1984.

Databases

NCJRS (Dialog)

Audiovisual

"Prison Construction" (National Criminal Justice Reference Service).

Cultural Facilities

Associations

American Association of Museums

1055 Thomas Jefferson St NW
Washington, DC 20007
(202) 338-5300
Publications Museum News: bimonthly. AVISO: monthly.

Conferences June 7-11, San Francisco.

International Association of Auditorium Managers

500 North Michigan Ave
Chicago, IL 60611
(312) 661-1700
Publications IAAM News: monthly. Facility Manager: quarterly.
Conferences Aug 1-4, Washington DC; Crowd Management Seminars, Nov 17-19, Oakland, CA.

National Endowment for the Arts

1100 Pennsylvania Ave NW
Washington DC 20506
(202) 682-5400
Publications Arts Review: quarterly.
Competitions Design Arts Program.

U.S. Institute for Theater Technology

330 West 42nd St, Suite 1702
New York, NY 10036
(212) 563-5551
Publications Theater Design and Technology: quarterly. USITT newsletter: monthly, members only.
Conferences Apr 22-25 Minneapolis.

Periodicals

American Art Directory, (R.R. Bowker Company, PO Box 1807, Ann Arbor, MI 48106): annual.

Marquee (Theatre Historical Society, 6510 41st Ave, Hyattsville, MD 20782): quarterly.

Official Museum Directory, (National Register Publishing Co, 5201 Old Orchard Rd, Skokie, IL 60077): annual.

Books

Architecture of the Theater: A Bibliographic Overview, Coppa and Avery Consultants. Vance Bibliographies #A1262, 1984.

Architecture for Preserving the Fine Arts: Museums and Art Galleries, 1980-1985, Dale Casper. Vance Bibliographies #A1566, 1986.

Art Centers: A Bibliography, Mary Vance. Vance Bibliographies, 1986.

Building for the Arts, Architectural Record Book, McGraw-Hill, 1978.

Building for the Arts: A Guidebook for the Planning and Design of Cultural Facilities, Federal Design Matters.

Buildings for Music: The Architect, the Musician, and the Listener from the Seventeenth Century to the Present Day, Michael Forsyth. MIT Press, 1985.

Civic Center Architecture: A Bibliography, Mary Ellen Huls. Vance Bibliographies #A1474, 1985.

"Stage Architecture," *Daedalus* #14, Dec 15, 1984.

"Stage Design," *Arts Review*, Jan 31, Feb 14, and Mar 14, 1986.

"30 Museum Plans," *Perspecta*, #16.

Audiovisual

"A Place to Be," National Gallery of Art Extension Service.

KD "American Picture Palaces," Smithsonian.

Educational Facilities

Associations

AIA Committee on Architecture for Education

1735 New York Ave NW

Washington, DC 20006

(202) 626-7410

Conferences Feb 20-23, New Orleans.

American Association of Physical Plant Administrators of Universities and Colleges

1446 Duke St

Alexandria, VA 22312

(703) 684-1446

Publications AAPA newsletter. Facilities Manager: quarterly.

Conferences July 19-22, New Orleans; Institute for Facilities Management, Jan 4-9 Denver, Aug 16-21, Brookfield, WI.

Favorite foreign design publications: 1. Architectural Review, Britain; 2. AD, Britain; Domus, Italy; Global Architecture, Japan; 3. Japan Architect. Favorite non-architectural magazine: 1. National Geographic, Time; 2. Fortune, Smithsonian.*

Cultural Facilities in Mixed-Use Developments, Harold Snedcof. Urban Land Institute, 1985.

Halls for Music Performance: Two Decades of Experience, 1962-1982, Richard H Talaske and others, eds. Acoustical Society of America, 1982.

Museum Architecture: A Guide to Design, Conservation, and Museum Architecture in the United States, Coppa and Avery. Vance Bibliographies #A1366, 1985.

The Museum Environment, Garry Thomson. Butterworth, 1986.

New American Art Museums, Helen Searing. Whitney Museum of American Art, 1982.

The New Museum: Architecture and Display, Michael Brawne. Praeger, 1966.

Olympus on Main Street: A Process for Planning a Community Arts Facility, Joseph Golden. Syracuse University Press, 1980.

The Picture Palace, Dennis Sharp. Praeger, 1968.

Places and Spaces for the Arts. Municipal Arts Society, 1981.

Planning our Museums, Barry Lord. AASLH Press, 1983.

Space for Dance, Leslie Armstrong and Roger Morgan. Publishing Center for Cultural Resources, 1984.

Theatre and Cinema Architecture: A Guide to Information Sources, Richard Stoddard. Gale, 1978.

Theatre and Playhouse: An Illustrated Survey of Theatre Building from Ancient Greece to the Present Day, Richard Leacock. Methuen, 1985.

Theater Design, George C. Izenour. McGraw-Hill, 1977.

Magazine Articles

"Design Review: Lighting for Museums and Galleries," *Architectural Review*, Nov 1985.

"Museum Architecture," *Museum*, no. 3/4, 1974.

"Museum Collections Storage," *Museum News*, Mar-July, 1981.

"Shedding Some Light on Art: Museum Lighting," *P/A*, Feb 1984.

***Based on architect survey (see page 61)**

DENVER Hotels:

Brown Palace; Cam-

bridge Club; Fair-

mont; Oxford. Res-

taurants: Baby Doe's

Matchless Mine; Cafe

Giovanni; Rattle-

snake Club; Restau-

rante Bocalino.*

Databases Library inventory available.

Educational Facilities

Laboratories Division

Academy of Educational Development

680 Fifth Ave

New York, NY 10019

(212) 397-0040

Publications Newsletter quarterly.

National School Supply and Equipment Association

2020 North 14th St

Arlington, VA 22201

(703) 524-8819

Publications Tidewater newsletter: monthly, members only.

Conferences Nov 20-23, Nashville.

Databases Statistical exchange programs, sales information and product location service available, members only.

National Education Association

1201 16th St NW

Washington, DC 20036

(202) 833-4000

Periodicals

American School and University (North American Publishing Co, 401 North Broad St, Philadelphia, PA 19108): monthly. May Planning Directory and Buyer's Guide; Nov portfolio of educational architecture; Architectural Portfolio Competition (Contact editorial dept) deadline Aug. Library Journal (Bowker Magazine Group, PO Box 1429, Riverton, NJ 08077): 20/year. Dec library design and construction issue.

School Product News (Penton Publishing, 1100 Superior Ave, Cleveland, OH 44114): monthly.

Books

Campus: An American Planning Tradition, Paul Venable Turner. MIT Press, 1984.

Campus Planning: A Bibliography, Mary Vance. Vance Bibliographies #1583, 1986.

Campus Planning and Design, Mildred Schmetz. McGraw-Hill, 1972.

College and University Buildings: A Bibliography, Mary Vance. Vance Bibliographies #A1554, 1986.

College Residence Hall Design and Construction: A Bibliographic Survey, Alva W. Stewart. Vance Bibliographies, 1983.

Facilities for Special Education Services, Allen Abend and others. Council for Exceptional Children, 1979.

Guide for Planning Educational Facilities. Council of Educational Facility Planners International, 1985.

Guide for School Facility Appraisal. Council of Educational Facility Planners International.

Guidelines for Classroom Design, Anne P. Taylor. School Zone, 1985.

Modifying the Existing Campus for Accessibility. Assoc. of Physical Plant Administrators of Universities and Colleges, 1985.

Planning and Design of Library Buildings, Godfrey Thompson. Nichols Publishing Co, 1977.

Planning Library Buildings: A Selected Bibliography, George J. Snowball and Rosemary Thomson, eds. American Library Assoc, 1984.

School Zone: Learning Environments for Children, Anne P. Taylor and George Vlastos. School Zone, 1983.

Magazine Articles

"Architect-School Client Conflicts," *School Business Affairs*, July 1985.

"The Architecture of the Academy," *Change*, Mar/Apr 1985.

"Classroom Design and Impression Formation," *Contemporary Educational Psychology*, Oct 1981.

Databases

ERIC (DIALOG).

Education Index (Bowker Publication).

Audiovisual

"Higher Education: State of the Art," AIA Committee on Architecture for Education.

Financial Buildings

Associations

American Bankers Association

1120 Connecticut Ave NW

Washington, DC 20036

(202) 663-5000

Publications Bank Planning: monthly. Bank Marketing: monthly. ABA Banking Journal (Simmons-Boardman Publishing, 345 Hudson St, New York, NY 10014): monthly.

Conferences Oct 17-21, Dallas.

Bank Administration Institute

60 East Gould Center, 2550 Golf Rd

Rolling Meadows, IL 60008

(312) 228-6200

Publications Magazine of Bank Administration: monthly.

Conferences Seven; dates not determined.

Periodicals

Bankers Magazine (210 South St, Boston, MA 02111): bimonthly.

Bank Systems and Equipment (1515 Broadway, New York, NY 10036): monthly.

Books

Bank Buildings: A Bibliography of Periodical Articles, Mary Vance. Vance Bibliographies #A399, 1981.

Bank Interiors and Bank Robberies: A Design Approach to Environmental Security, James A. Wise. Bank Administration Institute, 1985.

Magazine Articles

"An Architect's View: Interior Design for Banks," *Magazine of Bank Administration*, June 1982.

"Architects can Help Bankers Target Market," *Magazine of Bank Administration*, Feb 1985.

"Architectural Interpretations of the Bank of the Future," *Bankers Magazine*, May/June 1984.

"Automated Tellers: Booming Use after a Bank's Design Study," *Industrial Design*, May/June 1979.

"The Building Makes the Bank," *ABA Banking Journal*, Oct 1985.

"Designer's Security Experts Concur: Rich Design, Optimal Security Join Forces in Ideal Branch," *Bank Systems and Equipment*, July 1981.

"Designing Tomorrow's Bank," *Magazine of Business Administration*, Apr 1980.

"A Fifty-Year Look at Bank Design," *Northwestern Banker*, Apr 1986.

"Image and Substance: Bank Design," *Bankers Magazine*, Mar/Apr 1982.

DENVER Sights:

Brown Palace Hotel;

Denver Art Museum;

Denver Center for the

Performing Arts;

Johns-Manville

headquarters;

Larimer Square; Na-

tional Center for At-

mospheric Research.*

"Match the Branch to its Surroundings," ABA Banking Journal, Dec 1984.
 "New Forms Emerge for New Bank Needs and Functions," ABA Banking Journal, July 1980.

"New Issues Face Bank Designers," ABA Banking Journal, Apr 1986.

"New Look to Operations Centers," ABA Banking Journal, May 1984.

"Odd Looking Banks: the Rule Rather than the Exception?" ABA Banking Journal, Oct 1984.

Databases

ABI Inform (DIALOG).
 Management Contents (DIALOG).

Health Care

Associations

AIA Architecture for Health Committee

1735 New York Ave NW
 Washington, DC 20006
 (202) 626-7366

Publications Exhibition catalog: annual.
 Conferences Dates not determined.
 Competitions Health Care Design Awards, with Modern Health Care Magazine.
 Databases Contact AIA Library.

American Association of Health Care Consultants

1235 Jefferson Davis Highway, Suite 602
 Arlington, VA 22202

(703) 979-3181

Publications Annual directory.

American Association of Hospital Planning

1101 Connecticut Ave NW, Suite 700
 Washington, DC 20036
 (202) 857-1162

Publications Forum for Health Care Planning: quarterly, members only.

Conferences Dates not determined.

Competitions William Haney Fund for hospital planning proposals.

American Hospital Association

840 North Lake Shore Dr
 Chicago, IL 60611
 (312) 280-6000

Publications List available.

Hospital Week (American Hospital Pub-

lishing, 211 East Chicago Ave, Chicago, IL 60611): weekly.

Conferences Feb 1-4, Washington, DC; Aug 3-5, Trade and Educational Show, Atlanta.

Competitions List available.

American Society for Hospital Engineering

840 North Lake Shore Dr
 Chicago, IL 60611
 (312) 280-6139

Publications Bulletin: monthly, members only.

Hospital Magazine (American Hospital Publishing, 211 East Chicago Ave, Chicago, IL 60611): bimonthly.

Conferences June 1-5, San Diego.

Joint Commission on Accreditation of Hospitals

875 North Michigan Ave
 Chicago, IL 60611
 (312) 642-6061

Publications JCAH Prospectives: bimonthly. Quality Review Bulletin: monthly.

U.S. Department of Health and Human Services

Bureau of Health Facilities Planning

Design and Construction Office
 5600 Fishers Lane
 Rockville, MD 20857
 (301) 443-2265

U.S. Veterans Administration

Architectural Division
 811 Vermont Ave, NW
 Washington, DC 20420
 (202) 389-2688

Periodicals

Guide for Hospital Buyers: A Directory of Products and Services for Healthcare Institutions, American Hospital Publishing Co: annual.

Health Care (Southam Communication, Ltd, 1450 Don Mills Rd, Don Mills, ONT, Canada M3B 2X7): monthly.

Health Care Systems (Gralla Publication, 1515 Broadway, New York, NY 10036): monthly.

Journal of Ambulatory Care Management (Aspen Publishers, Inc, PO Box 6018, Gaithersburg, MD 20877): quarterly.

Modern Health Care (Crain Publications, 965 East Jefferson, Detroit, MI 48207): semiweekly.

Books

Design for Health Care, Anthony Cox. Butterworths, Inc, 1981.

Design of Doctors' Offices: A Bibliography of Periodical Literature, Mary Ellen Huls. Vance Bibliographies #A1323, 1986.

Design of Medical and Dental Facilities, Jain Malkin. Van Nostrand Reinhold, 1982.

Determining Hospital Space Requirements: Conference Transcripts, Developed by AIA Committee on Architecture for Health. AIA Press, 1984.

Emergency Center: A Prototype Free Standing Emergency Room and Ambulance Base. American Hospital Publishing, 1981.

Evaluation and Space Programming Methodology, Chi Systems, Inc. Minister of National Health and Welfare, 1978.

Healthcare Construction, Clarence E. Chisholm and Clarence Toomer. Vance Bibliographies #A1323, 1985.

Hospitals and Health Care Facilities, Louis G. Redstone. McGraw-Hill, 1978.

Hospital Architecture and Beyond, Isadore Rosenfeld. Van Nostrand Reinhold, 1969.
 Hospital Architecture: Guidelines for Design and Renovation, David R. Porter. AUPHA Press, 1982.

Hospital Special-Care Facilities: Planning for User Needs, Harold Laufman. Academic Press, 1981.

Hospitals: The Planning and Design Process, Owen B. Hardy. Aspen Publishers, 1986.

Hospital Planning Handbook, Rex Allen. Wiley, 1976.

Lighting for Health Care Facilities. Illuminating Engineering Society of North America, 1978.

Medical Office Design: Territory and Conflict, Henry P. Doble. Warren H. Green, 1982.

Modern Hospital: International Planning Practices, Ervin Putsep. Lloyd-Luke, distributed by Aspen Systems, 1980.

The Physician's Office, Leif C. Beck. Excerpta Medica, 1977.

Preparing the Open Nursing Home, Joseph

DETROIT Sights: Cranbrook Academy, Bloomfield Hills; Detroit Institute of the Arts; General Motors Technical Center; Greenfield Village.*

Koncelik. Van Nostrand Reinhold, 1976.
 Research Program on the Planning and Design of Cost-Effective Health Care Facilities. AIA Foundation.

Saunders Health Care Directory. W.B. Saunders Co, 1984/85.

The Social Transformation of American Medicine, Paul Starr. Basic Books, 1982.

Magazine Articles

"Energy to Recover: Energy-Conscious Design Series," P/A, Feb 1983.

"The Medical Machine," P/A, Oct 1983.

Databases

Health Planning and Administration (DIALOG).

Housing

Associations

AIA Housing Committee

1735 New York Ave NW
 Washington, DC 20006
 (202) 626-7429

Publications Newsletter. List available.

Conferences with National Home Builders Association, Jan 16-19, Dallas.

Databases Contact AIA Library.

American Association of Housing Educators

c/o current president, Mary Years

170 Le Baron Hall
 Iowa State University
 Ames, IA 50011

(515) 294-8520

Publications AAHE Newsletter: quarterly, (contact AAHE Editor, 166 Le Baron Hall, Iowa State University Ames, IA 50011).

Conferences Nov 5-6, Newport, RI.

Competitions Student Writing Program.

American Plywood Association

PO Box 11700
 Tacoma, WA 98411
 (206) 565-6600

Publications List available.

Competitions Innovations in Housing Awards program, deadline Apr.

American Society of Home Inspectors

655 15th St NW, Suite 320
 Washington, DC 20005
 (202) 842-3096

Publications Reporter: monthly.

Conferences Feb 15-18, San Francisco.

Canadian Home Builders

20 Toronto St, Suite 400
 Toronto, ONT M5C 2B8, Canada
 (416) 364-4135

Publications Habitation: bimonthly. (Contact Naylor Communications, 720 Spadine Rd, Suite 419, Toronto, ONT M5S 2T9 Canada).

Conferences Canadian Home Builders, Halifax, Nova Scotia, Feb 15-18.

Databases Members only.

Canadian Housing Design Council

M-2 L'Esplanade Laurier
 171 Bank St
 Ottawa, ONT K2P 1W5, Canada
 (613) 234-0224

Publications Newsletter, members only.

Conferences Dates not determined.

Department of Housing and Urban Development

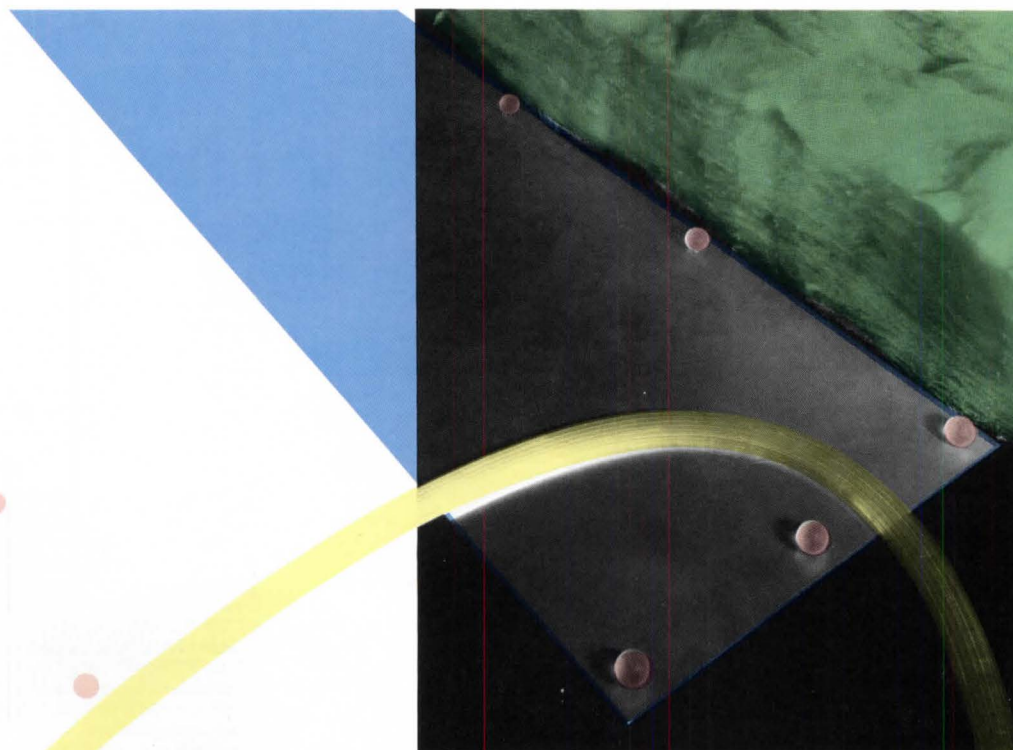
451 7th St SW
 Washington, DC 20410
 (202) 755-6422

(202) 755-6980 Public Affairs

Publications List available.

Home Builders Institute

15th & M Sts NW
 Washington, DC 20005
 (202) 822-0200



Publications Builder Magazine (655 15th St NW, Washington, DC 20005): monthly. Conferences Contact for list of seminars.

National Association Of Home Builders

15th & M Sts NW
Washington, DC 20005
(202) 822-0200

Publications National Building News: monthly.

Conferences Jan 16-19, Dallas.

Board of Directors, May 15-20, Washington, DC; Sept 17-22, Maui, HI.

Competitions Various awards sponsored by each division (contact Public Affairs).

National Association of Home Builders Research Center

400 Prince Georges Center Blvd
Upper Marlboro, MD 20772-8731
(301) 249-4000

National Association of Housing and Redevelopment Officials

1320 18th St NW, Suite 500
Washington, DC 20036
(202) 333-2020

Publications Monitor Newsletter: semi-monthly, members only. *Journal of Housing*: bimonthly.

Conferences Dates not determined.

Databases Members only.

National Housing Conference

1126 16th St NW, Suite 211
Washington, DC 20036
(202) 223-4844

Publications NHC Reports from Washington: monthly.

Conferences Mar 22-24, Washington, DC.

Competitions Nathan Keith Award for outstanding contribution to housing.

National Housing Rehabilitation Association

1726 18th St NW
Washington, DC 20009
(202) 328-9171

Publications Recycling Real Estate newsletter: 8/yr.

Conferences Mar 5-9, St. Thomas. Spring and fall meetings, Washington, DC, dates not determined.

Competitions

International Housing and Planning Film/Video Competition (Contact Secretary, 43 Wassenaarsweg, 2596 CG The Hague, The Netherlands).

Conferences

Biennial International Shelter Workshop (Contact Massachusetts Institute of Technology (617) 253-1350).

Periodicals

Multi-Housing News (Gralla Publications, 1515 Broadway, New York, NY 10036): monthly.

New Shelter (Rodale Press, 33 East Minor St, Emmaus, PA 18049): annual.

Professional Builder (Cahners Publishing, 1350 East Touhy Ave, Des Plaines, IL 60016): monthly.

Books

Action Planning and Responsive Design: Issues of Housing, Building and Development in the Third World, S. Groak, ed. Pergamon, 1984.

Affordable Housing: A Selected Resource Guide, HUD User.

Apartment Design, Coppa & Avery Consultants. Vance Bibliographies, Aug 1986.

Apartments, Townhouses and Condominiums, Elizabeth Kendall Thompson, ed. McGraw-Hill.

Beyond the American Housing Dream: Accommodation to the 1980's, Kenneth R. Tremblay Jr. University Press of America, 1983.

The Design of American Housing: A Reappraisal of the Architect's Role, Robert Gutman. Publishing Center for Cultural Resources, 1986.

Energy-efficient Housing Design: A Combined Approach, Jonathan Lane. Van Nostrand Reinhold, 1986.

The Form of Housing, Sam Davis. Van Nostrand Reinhold, 1981.

Housing, Eugene Macsai. Wiley, 1976.

Housing as if People Mattered: Site Design Guidelines for Medium Density Family Housing, Clare Cooper Marcus and

Wendy Sarkissian. University of California Press, 1986.

Housing Construction: How to Reduce Costs. Gordon Press, 1986.

Housing Designed For Families, John Zeisel and Polly Welch. Building Diagnostics, Inc, 1981.

Housing on Sloping Sites: A Design Guide. Halstead, 1986.

Information Resources in Housing and Urban Development, compiled by the Office of Policy Development and Research, U.S. Dept of Housing, 1986.

Planning and Design of Townhouses and Condominiums, Robert Engstrom. Urban Land Institute, 1979.

Six Thousand Years of Housing, Norbert Schoenauer. Garland, 1981.

Time-saver Standards for Residential Development, Joseph DeChiara. McGraw-Hill.

Magazine Articles

"At Home in the City: Reviving the Urban Apartment," Architectural Record, June 1986.

"Dwelling with Energy," P/A, Sept 1982.

"P/A Inquiry: Privatizing Public Housing," P/A, May 1986.

Databases

HUD User Database (BRS).

Audiovisual

"Design Trends in Multi-Family Housing," AIA Housing Committee, 1986.

Best waterfront commercial developments in North America: 1. Harborplace, Baltimore; 2. Battery Park City, New York; Faneuil Hall Markets, Boston; Granville Island, Vancouver. Also listed: Ghirardelli Square, San Francisco; Riverwalk, San Antonio; Seattle waterfront; South Street Seaport, New York*

Hospitality

Associations

American Hotel and Motel Association

888 Seventh Ave
New York, NY 10106
(212) 265-4506

Publications Lodging Magazine: monthly.

Conferences June 21-24, San Francisco; Nov 8-11 Exhibition of Gold Key Award

Winners, New York.

Competitions Gold Key Awards for Excellence in Interior Design, co-sponsored by The Designer Magazine (Contact Gibbs & Soell, Inc, 126 East 38 St, New York, NY 10016).

Databases Available for members.

National Restaurant Association

311 First St NW
Washington, DC 20001
(202) 638-6100

Publications Restaurants USA: monthly.

Conferences Washington Weekly.

Conferences Trade Show, May 16-20, Chicago. Restaurant Design and Facilities Planning Seminar, dates not determined.

Annual Restaurant and Hotel International Design Exposition and Conference, Mar 3-5, Chicago. (contact National Exposition Co, 14 West 40th St, New York, NY 10018).

Periodicals

Hotel & Motel Index (PO Box 5820, Cherry Hill, NJ 08034): quarterly.

Canadian Hotel and Restaurant (MacLean Hunter, Ltd, 777 Bay St, Toronto, ONT M5W 1A7, Canada): monthly.

Cornell Hotel and Restaurant Administration Quarterly, 327 Statler Hall, Ithaca, NY 14853: Fall issue, Hotel and Restaurant Administration Bibliography.

Foodservice and Hospitality (980 Yonge St, Suite 400, Toronto, ONT 2J8 M4W, Canada): monthly.

Hotel and Motel Management (120 East First St, Duluth, MN 55802): published every three weeks.

Hotels and Restaurants International (Cahners Publishing, 270 St. Paul, Denver, CO 80206): monthly.

Lodging, 888 Seventh Ave, New York, NY 10106: monthly.

Lodging Hospitality (Penton Publishing, 1100 Superior Ave, Cleveland, OH 44114): monthly. Apr interior design issue; Nov Designer Circle awards issue.

Nation's Restaurant News (Lebhar-Friedman Inc, 305 Madison Ave, New York, NY 10165): weekly.

Restaurant and Hotel Design (Bill Communications, 633 Third Ave, New York, NY 10017): 10/yr.

Restaurant Hospitality (Penton Publishing, 1100 Superior Ave, Cleveland, OH 44114): monthly. Feb kitchen design awards issue, May interior design awards issue, June annual 500 issue.

Restaurants and Institutions (Cahners Publishing, 270 St. Paul St, Denver, CO 80206): biweekly.

Books

Dining by Design, Edie Lee Cohen. Van Nostrand Reinhold, 1984.

Hotel and Restaurant Design, Douglas Smith. Design Council Pub, 1979.

Hotel Planning and Design, Walter Rutes. Whitney Library of Design, 1985.

Hotel Design: a Bibliography, Mary Vance. Vance Bibliographies #A1650, 1986.

A Guide to Interior Hotel Design, Coppa & Avery Consultants. Vance Bibliographies #A1651, 1986.

Interiors: Second Book of Hotels, Henry End. Whitney Library of Design, 1978.

Orange Roofs, Golden Arches: the Architecture of American Chain Restaurants, Philip Langdon. Knopf, 1986.

Restaurants: Architecture and Ambience, Egon Schirmbeck. Architectural Book Publishing, 1983.

Work Analysis and Design for Hotels, Restaurants and Institutions, Edward A. Kazarian. AVI, 1979.

Industrial

Associations

American Institute of Plant Engineers

3975 Erie Ave
Cincinnati, OH 45208
(513) 561-6000

Publications AIPE Newline: 5/yr. Facilities Management Operations and Engineering: bimonthly.

Conferences Dates not determined.

Competitions Facilities Management Excellence Award, deadline July.

National Association of Industrial and Office Parks

1215 Jefferson Davis Highway, Suite 100
Arlington, VA 22202
(703) 979-3400

Publications Development: quarterly.

Conferences Oct 20-25, Los Angeles. Contact for list of seminars and courses.

Periodicals

Facilities Planning News (Tradeline Inc, PO Box 1568, Orinda, CA 94563): bimonthly.

High Tech Facilities (Business Facilities Publishing Co, Box 2060, Red Bank, NJ 07701): quarterly supplement to monthly magazine, Business Facilities.

Material Handling Engineering (Penton Publishing, 1100 Superior Ave, Cleveland, OH 44114): monthly.

Plant Engineering (Technical Publishing Co, 1301 South Grove Ave, PO Box 1030, Burlington, IL 60010): biweekly.

Plant Management and Engineering (MacLean-Hunter Ltd, 777 Bay St, Toronto, ONT M5W 1A7, Canada): monthly.

Books

Architectural and Design Aspects of Industrial Parks: A Bibliography of Articles, Mary Ellen Huls. Vance Bibliographies, #A1528, 1986.

Computer-Aided Facilities Planning, H. Lee Hales. Marcel Dekker, 1984.

Design of Chemical Plants, Coppa & Avery Consultants. Vance Bibliographies #A1512, 1985.

Design of Sewage Disposal Plants: a Bibliography, Coppa & Avery Consultants. Vance Bibliographies #A1320, 1985.

Facilities Planning, James A. Tompkins and John A. White. Wiley, 1984.

Factories: Planning, Design and Modernization, Jolyon Drury. Nichols Press, 1981.

A Guide to Warehouse Design, Conservation and Restoration, Coppa & Avery Consultants. Vance Bibliographies #A1370, 1985.

Industrial Ergonomics: A Practitioner's Guide, Alexander and Babur M. Pulat. Industrial Engineering and Management Press, 1985.

Steam Plant Design: A Bibliographic Overview of Designing for Efficiency, Waste Management Design, Plant Failure, Safety and Fire Protection, Coppa & Avery Consultants. Vance Bibliographies, #A1529, 1986.

Magazine Articles

"Industrial update: high-tech development," Building Design & Construction, Apr 1986.

"P/A Inquiry: New Products from Old Mills," P/A, Nov 1985.

Offices / Office Buildings

Associations

Building Owners and Managers Association International

1250 Eye St NW, Suite 200
Washington, DC 20005
(202) 289-7000

Publications Skylines: monthly.

Conferences June 28-July 1, Toronto.

Competitions Building of the Year Award Program (contact BOMA).

Databases EER (Experience Exchange Report).

Business & Institutional Furniture Manufacturers Association

2335 Burton SE
Grand Rapids, MI 49506
(616) 243-1681

Publications Newsletter: 3-4/yr. members only.

Conferences Members only.

Contract Furnishings Council

1190 Merchandise Mart
Chicago, IL 60654
(312) 321-0563

Publications Council letter, members only. Conferences Members only.

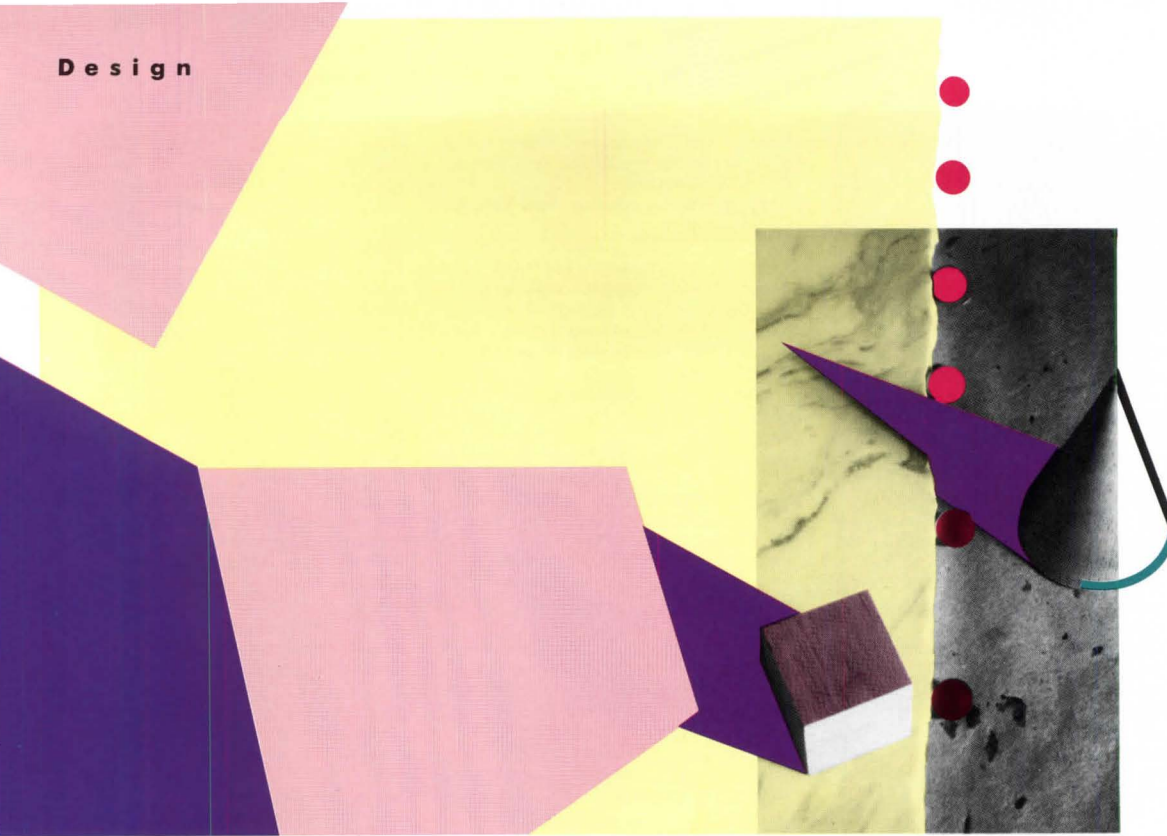
Intelligent Buildings Association

1815 H St NW
Washington, DC 20006
(202) 296-6320.

Publications IQ—Intelligent Buildings (CLC Communications, 29 Phillip Ave, Fairfield, NJ 07006): irregular.

DETROIT Hotels: Hotel St. Regis; Pontchartrain; Westin-Renaissance Center. Restaurants: London Chop House; Mario's; Restaurant Duglass.*

*Based on architect survey (see page 61)



Conferences Intellibuild '87, June 22-26, Washington, DC.
Databases Being established in conjunction with TeleConnect Magazine.

Intelligent Buildings Institute

2101 L St NW, Suite 300
Washington, DC 20037
(202) 457-8400

National Office Products

301 North Fairfax St
Alexandria, VA 22314
(703) 549-9040

Publications Industry Report: biweekly.
Conferences Oct 20-24, Chicago.

Office Landscape Users Group

Box 11182
Philadelphia, PA 19136
(215) 335-9400

Conferences Spring & Winter Symposiums.

Office Systems Research Association

c/o Edward G. Thomas
Cleveland State University
University Center, Room 574
Cleveland, OH 44115
(216) 687-4740

Publications Research Journal: quarterly.
Newsletter: bimonthly.

Office Technology Research Group

Box 65
Pasadena, CA 91102
(818) 796-2675

Conferences Dates not determined.

Conferences

IBD, June 8, Chicago (contact Institute of Business Designers, Chicago).

National Commercial Buildings Exposition and Conference, Nov 18-20, Philadelphia (contact Stamats Communications, Cedar Rapids, IA).

Open-Plan/Closed-Plan Offices for the 1990's, Aug 13-14, San Francisco (contact Tradeline Inc, Orinda, CA).

Workspace '87, Sept 1-2, San Francisco (contact Workspace, San Francisco.)

Periodicals

Corporate Design and Realty [Cahners Publishing, 270 St. Paul St, Denver, CO 80206]: 10/year.

Facilities Design & Management [Gralla Publications, 1515 Broadway, New York, NY 10036]: 10/year.

LePatner Reports [LePatner 520 Madison Ave, New York, NY 10022]: quarterly.

Modern Office Technology Magazine [Penton Publishing, 1100 Superior Ave, Cleveland, OH 44114]: monthly.

Office [Office Publications, 1600 Summer St, Stamford, CT 06904]: monthly.

Office Equipment and Methods [MacLean

Hunter Publishing, 777 Bay St, Toronto, ONT, M5W 1A7, Canada]: 10/year.

Professional Office Design (111 8th Ave, Suite 900, New York, NY 10011): bimonthly.

Today's Office [Hearst Business Communications, Inc, 645 Stewart Ave, Garden City, NY 11530]: monthly.

Books

Architecture for Business and Industry: Designing the Office, Dale E. Casper. Vance Bibliographies #A1569, 1980-85.

The Automated Office: An Environment for Productive Work, or An Information Factory? Arthur Rubin. Center for Building Technology, National Bureau of Standards.

Behavioral Issues in Office Design, Jean Wineman, ed. Van Nostrand Reinhold, 1986.

Design of Energy-responsive Commercial Buildings, Steven Ternoey and others. Wiley, 1985.

Designing the Automated Office, William Pulgram and Richard Stonis. Whitney Library of Design, 1984.

Designing the Office Environment: Privacy, Technology and Functional Relationship, Coppa & Avery Consultants. Vance Bibliographies, 1986.

Handbook of Architectural Details for Commercial Buildings, Joseph DeChiara. McGraw-Hill, 1980.

Human Factors in Office Automation, William Galitz. Life Office Management Association, 1980.

An Introduction to the Design Analysis of Office Buildings, James C. Canestaro. Urban Land Institute, 1983.

Office Building Design, Mildred F. Schmetz, ed. McGraw-Hill, 1975.

Office Design and Decoration: A Bibliography, Mary Vance. Vance Bibliographies #A1333, 1985.

Office Development Handbook. Urban Land Institute, 1982.

Office Hazards: How Your Job Can Make You Sick, Joel Makower. Tilden Press, 1981.

Orbit-2 Study, Harbinger Group. Xerox Corporation, 1986.

Planning the Electronic Office, Elaine Cohen and Aaron Cohen. McGraw-Hill, 1983.

Planning the New Corporate Headquarters, Bryant Putnam Gould. Wiley, 1983.

Small Office Buildings Handbook: Design for Reducing First Costs and Utility Costs, Burt Hill Kosar Rittelman Associates. Van Nostrand Reinhold, 1984.

Trends in Design of Skyscrapers: Journal Articles, Dale E. Casper. Vance Bibliographies, 1980-85.

Using Office Design to Increase Productivity, Michael Brill, Stephen T. Marquis, Ellen Konar and BOSTI in association with Westinghouse Furniture Systems. Workplace Design and Productivity, 1984.

Magazine Articles

"Building your Dream Headquarters," Across the Board, Nov 1983.

"Energy Design of Office Buildings," P/A, June 1982.

"The Evolution of the Office; Major Trends in the Interior Architectural Field from 1945-1985," Designers West, Sept 1985.

"The Headquarters Revolution," Across the Board, Nov 1983.

"Minding Your VDU's," P/A, May 1984.

"The Sky's the Limit," Business Week, Oct 4, 1982.

"Your Office is Where You Are," Harvard Business Review, Mar/Apr 1985.

Recreation

Associations
American Alliance for Health, Physical Education, Recreation and Dance (AAHPER)

1900 Association Dr
Reston, VA 22091
(703) 476-3400

Publications List available.
Conferences Apr 13-17, Las Vegas.

International Racquet Sports Association
132 Brookline Ave
Boston MA 02215

(617) 236-2500 or (800) 232-IRSA
Publications IRSA Club Business: members only. Manual on Club Design and Construction (to be revised). List available.

Conferences Convention and Trade Show, Mar 4-8, Dallas.

National Recreation and Park Association
3101 Park Center Dr
Alexandria, VA 22302

(703) 820-4940
Publications Parks and Recreation: monthly. Dateline NRPA: members only. Journal of Leisure Research: quarterly.

Conferences Congress for Recreation and Parks, Sept 18-22, New Orleans.

Periodicals
Swimming Pool Age and Spa Merchand-

iser [Communications Channels, Inc, 6255 Barfield Rd, Atlanta, GA 30328].

Books

Accessible Fishing: a Planning Handbook, Richard Nordhaus and others. New Mexico Natural Resource Department.

Anatomy of a Park: the Essentials of Recreation Area Planning and Design, D.J. Molnar and A.J. Rutledge. McGraw-Hill, 1986.

Architecture of Resorts, Clubhouses and Spas in the U.S., Coppa & Avery Consultants. Vance Bibliographies # A1125, 1984.

Athletic and Health Clubs: A Selected Bibliography, Anthony G. White. Vance Bibliographies #A1049, 1983.

Camping Facilities: A Selected Bibliography, Anthony G. White. Vance Bibliographies #A1051, 1983.

Design and Construction of Racquetball and Fitness Clubs, Robert Fitzgerald. International Racquet Sports Association.

Design for Leisure Entertainment, Anthony Wylson. Butterworths, 1980.

Design for Sport, Gerald A. Perrin. Butterworths, 1981.

Golf Courses: A Selected Bibliography, Anthony G. White. Vance Bibliographies #A1008, 1983.

Handbook of Sports and Recreational Building Design. The Sports Council, Architectural Press, London, 1981.

Ice Skating Facilities: A Selected Bibliography, Anthony G. White. Vance Bibliographies #A1009, 1983.

Making Physical Education and Recreation Facilities Accessible to All. AAHPER, 1977.

Official Swimming Pool Compendium, National Swimming Pool Foundation.

Planning Facilities for Athletics, Physical Education and Recreation, Edward Coates and Richard B. Flynn. AAHPER, 1979.

Recreational Development Handbook. Urban Land Institute, 1981.

Recreational Vehicle Park Design and Management. RV Industries Association, 1977.

Recreation Planning and Design, Seymour M. Gold. McGraw-Hill, 1980.

Resort Architecture: A Bibliography, Mary Vance. Vance Bibliographies, 1986.

Skiing Facilities: A Selected Bibliography, Anthony G. White. Vance Bibliographies #A1011, 1983.

Swimming Centers: A Selected Bibliography, Anthony G. White. Vance Bibliographies #A1012, 1983.

Tennis Facilities: A Selected Bibliography, Anthony G. White. Vance Bibliographies #A950, 1983.

Yacht Clubs, a Selected Bibliography, Anthony G. White. Vance Bibliographies #A1048, 1983.

Religious
Associations
Interfaith Forum on Religion, Art and Architecture

1777 Church St NW
Washington, DC 20036
(202) 387-8333

Publications Faith and Form: semiannual. Conferences Dates not determined.

Competitions Program for Excellence in Religious Architecture.

Periodicals
Cathedral Age [Washington Cathedral, Mount St. Alban, Washington, DC 20016]: quarterly.

Books
Architecture for Spiritual Guidance; Journal Articles on Building, Maintaining and Preserving Churches, 1980-1985, Dale E. Casper. Vance Bibliographies #A1567, 1986.

Architecture of Parsonages: A Bibliography, Mary Ellen Huls. Vance Bibliographies #A1525, 1986.

Church Architecture: Monographs, Mary

Top category for favorite designed object: cars.

Top car: Jaguar, followed by Porsche; Ferrari;

Mercedes Benz; Aston Martin; and Rolls Royce.*

Vance. Vance Bibliographies #A1129, 1984.

The Church Construction Manual; Straight Talk About Building a Church. Wheeler Group, 1982.

Church Decoration and Ornament: Monographs. Mary Vance. Vance Bibliographies #A1128, 1984.

Handbook of Synagogue Architecture. Marilyn Joyce S. Chiat. Scholar Press, 1982.

The House of God; a History of Religious Architecture and Symbolism. Ernest H. Short. Gordon Press.

Monographs on Church Architecture. Mary Vance. Vance Bibliographies #A1209, 1984.

Religious Architecture—Islamic: A Selected Bibliography. Anthony G. White. Vance Bibliographies #A1220, 1984.

Synagogues of Europe: Architecture, History, Meaning. Carol H. Krinsky. MIT Press, 1985.

Temples, Churches and Mosques: A Guide to the Appreciation of Religious Architecture. J.G. Davies. Pilgrim, 1982.

Tradition Becomes Innovation: Modern Religious Architecture in America. Bartlett Hayes and Others. Pilgrim, 1982.

Research & Development (Technical Publishing, 875 Third Ave, New York, NY 10022): monthly. May issue New Research Laboratory Review.

Magazine Articles

"Drug Laboratories Patterned on Research Process," *Contract*, Feb 1984.

"The Flexible Invention Factory," *Architectural Technology*, Summer 1985.

"From Program to Design," *Architectural Technology*, Summer 1985.

"Job Site Safety; the Calibre of Your Work May Have a Lot to do With the Future of Your Fingers," *Fine Homebuilding*, Aug/Sept 1986.

"Machines for Working," *P/A*, May 1986.

"Research and Development Facilities; New Frontier for Design," *Designers West*, Sept 1984.

"Testing Ground," *Architectural Technology*, Summer 1985.

Databases

Compendex (BRS, DIALOG, SDC ORBIT). NTIS (BRS, DIALOG, SDC ORBIT).

Retail Buildings

Associations

Institute of Store Planners

211 East 43 St, Suite 301

New York, NY 10017

(212) 867-4876

Conferences Dates not determined.

Competitions Store Design Competition.

International Council of Shopping Centers

665 Fifth Ave

New York, NY 10022

(212) 421-8181

Publications *Shopping Centers Today*: monthly.

Conferences May 3-8, Las Vegas.

Competitions Annual Storefront of the Year Award (Contact Glass Digest, Ashlee Publishing, 310 Madison Ave, Suite 1826, New York, NY 10017): deadline May.

Geyer's Dealer Topics Merchandising Achievement Awards for Store Design (Contact Geyer-McAllister Publications, 51 Madison Ave, New York, NY 10010): deadline July.

Periodicals

Journal of Retailing (New York University Institute of Retail Management, Sheridan Press, PO Box 465, Hanover, PA 17331): quarterly.

National Mall Monitor (2535 Landmark Dr, Suite 207, Clearwater, FL 33519): 8/yr. *Shopping Center World* (Communications Channels, Inc., 6255 Barfield Rd, Atlanta, GA 30328): monthly; 13th issue Buyer's Guide.

Visual Merchandising and Store Design (S.T. Publications, 407 Gilbert Ave, Cincinnati, OH 45202): monthly.

Books

Arcades; The History of a Building Type. Johann Friedrich Geist. MIT Press, 1983. *Designing to Sell: A Complete Guide to Retail Store Planning and Design.* Vilma Barr and Charles E. Broudy. McGraw-Hill, 1986.

Façade Stories: The Saving and Renovation of 50 American Commercial Buildings and Shop Fronts. Ronald L. Fleming. Hastings, 1982.

Interior Design of Stores: A Bibliography. Mary Ellen Huls. Vance Bibliographies #A1439, 1985.

Jewelry Store Design: A Bibliography. Mary Ellen Huls. Vance Bibliographies #A1594, 1986.

New Shops. Karl and Eva Mang. Architectural Book Publishers, 1982.

Pedestrian Areas. Klaus Uhlig. Architectural Press, 1979.

Retail Design, Symposium Transcripts. AIA, 1985.

The Retail Store: Design and Construction. William R. Green. Van Nostrand Reinhold, 1986.

Shops: A Manual of Planning and Design. David Mun. Architectural Press, 1982.

Shopping Malls: Planning and Design. Barry Maitland. Nichols, 1985.

Greatest architectural complexes in North America: 1. Rockefeller Center, New York; 2. Christian Science Center, Boston. Also listed: Cranbrook, Bloomfield Hills, Mich.; Eaton Centre, Toronto; Embarcadero Center, San Francisco; Taliesin and Taliesin West; University of Virginia campus.*

Magazine Articles

"The Department Store—Development of the Type," *Journal of Architectural Education*, Fall 1985.

"Energy for Sales," *P/A*, Aug 1982.

"Enhancing the Shopping Experience," *The Grille*; Keeping Malls Secure," "Revitalizing Malls," "Top to Bottom Mall Renovation; a Case Study," *Construction Specifier*, Oct 1985.

"Shopping and the City," *Architectural Review*, Sept 1986.

Transportation

Associations

American Association of State Highway and Transportation Officials

444 North Capitol St NW, Suite 225

Washington, DC 20001

(202) 624-5800

Publications *AASHTO Journal*: weekly. *AASHTO National Quarterly Magazine*. List available.

American Public Transit Association

1225 Connecticut Ave NW, Suite 200

Washington, DC 20036

(202) 828-2800

(202) 828-2843 Information.

Publications *Passenger Transport*: weekly. List available.

Conferences Sept 27-Oct 1, San Francisco.

Competitions APTA Awards Program for Public Transportation Systems and Design of Transit Facilities.

Databases Available through DIALOG for APTA members only.

Eno Foundation for Transportation

PO Box 2055

Westport, CT 06880

(203) 227-4852

Publications *Transportation Quarterly*.

Conferences Dates not determined.

Federal Aviation Administration

800 Independence Ave SW, Suite 110

Washington, DC 20591

(202) 267-3111

(202) 267-3484 General Information

Publications Guide to FAA Publications, 1985.

Federal Railroad Administration

400 7th St, SW

Washington, DC 20590

(202) 366-0881

(202) 366-0895 Office of Safety

(202) 366-9601 Research & Development

Institute of Transportation Engineers

525 School St SW, Suite 410

Washington DC 20024

(202) 554-8050

Publications *ITE Journal*: monthly.

Conferences Aug 16-20, New York.

National Parking Association

1112 16th St NW, Suite 2000

Washington, DC 20036

(202) 296-4336

Publications *Parking Magazine*: bi-monthly. *Parking World Newsletter*: 10/ year.

Conferences June 10-14, San Francisco.

Transportation Research Board

2101 Constitution Ave NW

Washington, DC 20418

(202) 334-2934

Publications List available.

Conferences Jan 11-16, Washington, DC.

Competitions Recognition Program for papers presented at the annual conference. Databases Hard copy of the TRIS (Transportation Research Information Service) database available.

Urban Mass Transportation Administration

400 7th St SW

Washington, DC 20590

(202) 366-4043

Publications List available (contact Public Affairs).

Conferences Contact Public Affairs.

Databases TRIS (DIALOG). UMTRIS (Urban Mass Transportation Administration).

Periodicals

Airport Forum (Box 1208, 8119 Murnau, West Germany): bimonthly.

Airport Forum News (PO Box 27, 7255 Rutesheim, West Germany).

Airports International (Quadrant House, The Quadrant, Sutton, Surrey SM2 5AS, England).

Airport Report (American Association of Airport Executives, 4224 King St, Alexandria, VA 22302): biweekly.

Airport Services Management (Lakewood Publications Inc, 50 South Ninth St, Minneapolis, MN 55402): monthly.

Journal of Transportation Engineering (American Society of Civil Engineers, 345 East 47th St, New York, NY 10017): bimonthly.

Railway Age (Simmons-Boardman Publishing Corp, 345 Hudson St, New York, NY 10014): monthly.

Railway Track & Structures (Simmons-Boardman Publishing Corp, 345 Hudson St, New York, NY 10014): monthly.

Books

Aesthetics in Transportation: Guidelines for Incorporating Design, Art and Architecture into Transportation Facilities. Lajos Heder and Ellen Shoshkes. Department of Transportation, 1981.

Airport Architecture: A Bibliography of Articles. Florita Z. Louie de Irizarry. Vance Bibliographies #A651, 1982.

Airport Passenger Terminals. Walter Hart. Wiley, 1986.

Architectural Design of Parking Garages: A Revised Source List. Anthony G. White. Vance Bibliographies #A1028, 1983.

Bus Terminals: An Architectural Guide. Coppa & Avery Consultants. Vance Bibliographies #A1308, 1985.

Comprehensive Layout Tables for Small and Standard Cars. Seymour Gage Associates, 1982.

Design of Airport Layouts: A Selected Bibliography. Anthony G. White. Vance Bibliographies #A681, 1982.

Metropolitan Parking Structures: A Survey of Architectural Problems and Solutions. Dietrich Klose. Praeger, 1965 (out of print).

HOUSTON Hotels: Houstonian Inn and Club; Lancaster; The Remington on Post Oak Park; The Warwick. Restaurants: Cafe Annie; Dong-Ting; Tony's.*

Research Facilities

Associations

Environmental Protection Agency

401 M St SW

Washington, DC 20460

(202) 382-2090

(202) 382-4355 Public Affairs

(800) 828-4445 Publications

International Association of University Research Parks

Contact Arizona State University Research Park

2055 East Technology Circle, Suite 325

Tempe, AZ 85284

(602) 965-2105

Conferences Dates not determined.

National Technical Information Service

Department of Commerce

Springfield, VA 22161

(703) 487-4812

Publications Annual index of documents on file.

Occupational Safety and Health Administration

200 Constitution Ave NW

Washington, DC 20210

(202) 523-8148

(202) 523-8148 Public Affairs

(202) 523-9700 Technical Data Center

Publications List available.

ULI Faculty Network

c/o Urban Land Institute

Education Dept.

1090 Vermont Ave NW

Washington, DC 20005

(202) 289-3500

Publications Newsletter: available in spring.

Conferences Dates not determined.

Periodicals

Buildings Design Journal (Communications Channels Inc, 6255 Barfield Rd, Atlanta, GA 30328): monthly.

Facilities Design News (See Facilities Management).

*Based on architect survey (see page 61)

HOUSTON Sights: Museum of Fine Arts; Pennzoil Plaza; RepublicBank; Rice University campus; Rothko Chapel; Transco Tower.*

Planning and Design of Airports, Robert Horonjeff and Francis X. McKelvey. McGraw-Hill, 1983.

Present and Past Views on Railroad Station Architecture: A Selected Bibliography, Staff of the Bibliographic Research Library. Vance Bibliographies #A1189, 1984.

Public Parking Structures Design and Construction. Seymour Gage Associates, 1982.

Railway Station Architecture, David Lloyd and Donald Insall. David and Charles, 1978.

Recent Transportation Literature for Planning and Engineering Librarians: A Selection Based Upon the Acquisitions of the Institute of Transportation Studies Library, University of California, Berkeley. Vance Bibliographies #A1838.

A Study of Airports: Design, Art and Architecture. Federal Aviation Administration, 1981.

Subway Design: An Architectural Guide, Coppa & Avery Consultants. Vance Bibliographies #A1310, 1985.

Subways of the World Examined by Cooper-Hewitt Museum. Cooper-Hewitt Museum. *Transportation Engineering: Planning and Design*, Radnor J. Paquette and others. Wiley, 1982.

Magazine Articles

"Air Passenger Handling Facilities: Future Planning—Design Impacts," ASCE Journal of Transportation Engineering, Aug 1976.

"Designing the Airport Terminal," Transportation Research Board Special Report N159, 1975.

"Is Your Parking Garage Having a Mid-life Crisis?" Construction Specifier, Jan 1983.

"Steel-framed Parking Structures in Up Trend," Modern Steel Construction, 2nd quarter 1984.

Databases

TRIS (DIALOG).

NTIS (BRS, DIALOG).

Compendex (BRS, DIALOG, SDC ORBIT).

Design Considerations

Climate

(See also Energy)

Associations

American Solar Energy Society

2030 17th St

Boulder, CO 80302

(303) 443-3130

Publications Passive Solar Journal: quarterly. ASES News: bimonthly.

Conferences July 12-17, Portland, OR.

Cold Regions Research and Engineering Laboratory

72 Lyme Rd

Hancock, MA 03755-1290

(603) 646-4100

Publications Benchnotes newsletter.

International Climatic Architecture Congress

Universite Catholique de Louvain

Unite Architecture

1, Place de Lavent

Louvain-La-Neuve, Belgium

Conferences European Conference on Architecture, Apr 6-10, Munich.

National Climatic Data Center

Federal Building

Asheville, NC 28801

(704) 259-0682

Publications Local Climatological Data: monthly and annually for each weather service station. Climatological Data: monthly and annually for each state.

Databases Floppy disks can be ordered.

National Research Council of Canada Institute of Research on Construction

Montreal Rd, Bldg M20

Ottawa, ONT K1A 0R6 Canada

(613) 993-9101

Publications Building Research News: 3-5/year. List available.

Conferences Special seminars.

National Weather Service

U.S. Department of Commerce

National Oceanic and Atmospheric Administration

Silver Spring, MD 20910

(301) 427-8090

Contact Warnings and Forecast Branch for addresses of regional offices.

Conferences

Lightning Protection Design Seminars (Lightning Technologies, Inc, 10 Downing Parkway, Pittsfield, MA 01201.)

Periodicals

(See Energy).

Books

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Architecture and Climate: Monographs, Mary Vance. Vance Bibliographies #A1089, 1983.

Architecture for Arid Regions: A Bibliography, Mary Ellen Huls. Vance Bibliographies, 1986.

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Building in Hot Climates. Building Research Establishment, Garston, Watford, United Kingdom.

Building in Hot Dry Climates, Singh Balwant Saini. Wiley, 1980.

Building Science for a Cold Climate, Neil B. Hutcheon and Gustave O.P. Handegord. Wiley, 1983.

Climate and Building in Canada. An Overview of Requirements and Future Needs. National Research Council of Canada, 1981.

KANSAS CITY Sights:

Country Club Plaza;

Crown Center; Liberty

Memorial; Nelson-

Atkin Museum; St.

Francis Xavier

Church.*

Climate Design, Donald Watson and Kenneth Labs. McGraw-Hill, 1983.

Climate of the States. Gale Research, 1978.

Climatological Factors in Architecture, Robert Harmon. Vance Bibliographies #A166, 1980.

Design and Construction in Arctic Regions: A Bibliography, Mary Ellen Huls. Vance Bibliographies, 1986.

Design Guidelines for Flood Damage Reduction. AIA Foundation.

Design with Climate: Bioclimatic Approach to Architectural Regionalism, Victor Olgyay. Princeton University Press, 1963.

Energy Conscious Residential Design for a Tropical Isle, J.B. Jones, Stephen F. Lander, H. Mark Ruth. AIA.

Housing, Climate and Comfort, J. Martin Evans. 1980.

Housing in Arid Lands: Design and Planning, Gideon Golany. Halstead Press, 1980.

Inside/Out, John Reynolds and others. Wiley, 1983.

Local Climatological Data Summaries. AIA. *Man, Climate and Architecture*, Baruch Givoni. Van Nostrand Reinhold, 1981.

Manual of Tropical Housing and Building Design: Climatic Design, O.H. Koenigsberger and others. Longman, 1974.

Sun/Earth: How to use Solar and Climatic Energies Today, Richard Crowther. Scribner's, 1977.

Sun, Wind, and Light: Architectural Design Strategies, G.Z. Brown. Wiley.

Tropical Architecture, Maxwell Fry and Jane Drew. Krieger Publishing Co.

Weather Handbook: a Summary of Weather Statistics for Selected Cities throughout the U.S. and World, H. McKinley Conway and Linda L. Liston, eds. Conway Research Institute, 1974.

Magazine articles

"Arid Extra Dry," P/A, Oct 1982.

"Cold Calculations," P/A, Nov 1982.

"Emerging Aesthetic Values for Cold Climate Design," National Passive Solar Conference proceedings, Santa Fe, NM, Sept 5, 1983.

"Simplification of Weather Data to Evaluate Daily and Monthly Energy Needs of Residential Buildings," Solar Energy, v. 36, no. 6, 1986.

"The Well-Tempered Diagram," P/A, Apr 1984.

"The Well-Tempered Tropics," P/A, Apr 1984.

Databases

Compendex (BRS, DIALOG)

COLD (SDC ORBIT).

DOE Energy

Energyline

Enviroline

NTIS (BRS, DIALOG)

Audiovisual

"Design for Climate," distributed by the Embassy of Australia.

Series on solar energy design from Bullfrog Films, Inc, Oley, PA 19547.

Daylighting

Associations

Daylighting Network of North America

Fuller Moore, Professor of Architecture

Miami University

125 Alumni Hall

Oxford, OH 45056

(513) 529-2636

Publications DNNA newsletter: quarterly.

Illuminating Engineering Society of North America

345 East 47th St

New York, NY 10017

(212) 705-7916

Publications Lighting Design and Application: bimonthly. Journal of Illuminating Engineering Society: semi-annual. IES Handbook. IES News: monthly, members only.

Conference Aug 2-6, Scottsdale, AZ.

Competitions International Illuminating Design Awards Program.

Lawrence Berkeley Laboratories Windows and Daylighting Program

Building 90-3111

Berkeley, CA 94720

(415) 486-6847

Publications Proceedings for 1983 International Daylighting Conference.

National Fenestration Council

3310 Harrison St

Topeka, KS 66111

(913) 266-7014

Publications List of technical publications available.

Books

Architectural Daylighting: A Recent Bibliography, Anthony G. White. Vance Bibliographies #A1364, 1985.

Concepts and Practice of Architectural Daylighting, Fuller Moore. Van Nostrand Reinhold, 1985.

Daylight in Architecture, Benjamin Evans. McGraw-Hill, 1981.

Daylighting: Design and Analysis, Claude Robbins. Van Nostrand Reinhold, 1986.

Perception and Lighting as Formgivers for Architecture, William Lam. McGraw-Hill, 1977.

Sun, Wind, and Light: Architectural Design Strategies, G.V. Brown. Wiley.

Window Design Strategies to Conserve Energy, Robert Hastings. Government Printing Office, 1977.

Magazine Articles

"Natural Light as an Urban Amenity," Lighting Design and Application, June 1986.

"Seeing the Light," P/A, Sept 1982.

"Stepping Through Daylighting," Architectural Technology, Fall 1983.

Audiovisual Sources

"Daylighting I and II" (ACTS Inc., Baldwin, MO).

Databases

Compendex (DIALOG, BRS);

NTIS (DIALOG, BRS).

Disasters

Associations

Federal Emergency Management Agency

PO Box 8181

Washington, DC 20024

(202) 646-2500, General Information

(202) 646-4600, Public Relations

Publications FEMA Newsletter: monthly.

Flood Planning Management

Federal Insurance

Administration

500 C St NW, Suite 432

Washington, DC 20472

(202) 646-3431

(202) 646-2774 Public Affairs/Information

Books

Atomic Bomb Shelters and Blast-Resistant Buildings, Carole Cable. Vance Bibliographies #A1441, 1985.

Design Guidelines for Flood Damage Reduction. AIA Foundation, 1981.

Disasters and the Small Dwelling, Ivan Davis, ed. Pergamon Press, 1981.

Fallout Shelter Architecture, Edward H. Teague. Vance Bibliographies #A1326, 1985.

Nuclear Shelters: A Guide to Design, Richard N. Ormerod. Architectural Press, 1983.

Systems and Materials to Prevent Floodwaters from Entering Buildings, C.E. Pace. Army Engineers Waterways Experiment, Structures Lab, May 1985.

Magazine Articles

"Building in the Path of Nature's Wrath," P/A, Feb 1980.

Fire Prevention

Associations

Center for Fire Research

National Bureau of Standards

Bldg 224, Room A247

Washington, DC 20899

(301) 921-3143

(301) 921-3249 library/publications

Publications List available.

Conferences Dates not determined.

Factory Mutual Engineering and Research Corporation

1151 Boston-Providence Turnpike
Norwood, MA 02062
(617) 762-4300

Publications The Record: bimonthly.
Catalog of Training Seminars. Factory Mutual Approval Guides: annual.

**Fire Research Section
National Research Council of Canada**

Ottawa, ONT K1A 0R6 Canada
(613) 993-2204

Publications List available.

Conferences Seminars offered.

Database Contact (613) 993-2466.

National Fire Protection Association

Batterymarch Park

Quincy, MA 02269

(617) 770-3000

(800) 344-3555, customer services

Publications Fire Journal: bimonthly. Fire

News Newsletter: 6/year. Fire Command:

monthly. Fire Technology: monthly.

Conferences Dates not determined.

National Fire Sprinkler and Fire Association

PO Box 1000

Patterson, NY 12563

(914) 878-4200

Publications Sprinkler Quarterly.

Conferences May 3-7, Tucson, AZ.

Databases SprinklerNet

National Institute of Building Sciences

1015 15th St NW, Suite 700

Washington, DC 20006

(202) 347-5710

Publications Building Sciences: 6/year. List

of publications available.

Conferences Dates not determined.

Society for Fire Protection Engineers

60 Batterymarch St

Boston, MA 02110

(617) 482-0686

Publications List available.

Conferences Dates not determined.

Southwest Research Institute

6220 Culebra Rd

Favorite piece of civil engineering: 1. Golden Gate Bridge; 2. Brooklyn Bridge; 3. Eiffel Tower. Also listed: Roman aqueducts; Eads Bridge, St. Louis; Freeway Park, Seattle; and the Hoover Dam.*

San Antonio, TX 78284

(512) 684-5111

Publications Technology Today: quarterly.

Conferences Technical design seminars.

Underwriters Laboratories

333 Pfingsten Rd

Northbrook, IL 60062

(312) 272-8800

Publications Fire Resistance Directory: an-

ual.

U.S. Fire Administration Federal Emergency Management Agency

16825 South Seaton Ave

Emmitsburg, MD 21727

(301) 447-6771

Publications List available.

Books

Burning, National Commission on Fire Prevention and Control, 1972.

Design of Structures Against Fire, R.D. An-

chor et al, Elsevier Publishing Co, 1986.

Fire Protection Handbook, NFPA, 1986.

Fire and Flammability Handbook, Neil

Schultz, Van Nostrand Reinhold, 1985.

Fire and Life Safety for the Handicapped:

Conference & Preparatory Workshop Re-

ports. Government Printing Office.

Fire Protection through Modern Building

Codes, American Iron and Steel Institute.

Fire Research Publications, National Tech-

nology Information Sources.

Flammability Regulations and Standards in

the United States for Upholstered Furniture,

Sharon S. Williams. Technomic Publishing,

1985.

Life Safety Code Handbook, NFPA, 1985.

National Fire Protection Association 101 Life

Safety Code, NFPA, 1985.

Smoke Detectors: a Bibliographic Over-

view, Coppa & Avery Consultants. Vance

Bibliographies #A1510, 1985.

Standard Details for Fire-Resistive Building

Construction, Louis Przetak. McGraw-Hill,

1977.

A System for Fire Safety Evaluation of Health

Care Facilities. National Technology Infor-

mation Services.

Magazine Articles

"No High Ground," P/A, Oct 1980.

"Fire Breaks," P/A, Nov 1986.

Databases

Applied Science and Technology Index.

Engineering Index.

Ibsedex (Pergamon Infoline).

NTIS (BRS, DIALOG, SDC ORBIT).

Compendex (BRS, DIALOG, SDC ORBIT).

Security

Associations

American Society for Industrial Security

1655 North Fort Meyer Dr, Suite 1200

Arlington, VA 22209

(703) 522-5800

Publications Security Management:

monthly.

Conferences Aug 28-Sept 1, Las Vegas.

International Association of Bomb Technicians and Investigators

P.O. Box 6609

Colorado Springs, CO 80934

(303) 636-2596

Publications Detonator: bimonthly.

Conferences June 28-July 3, Orlando, FL.

National Burglar and Fire Alarm Association

1120 19th St NW, Suite LL20

Washington, DC 20036

(202) 296-9595

Publications News & Views from Head-

quarters: monthly.

Conferences Feb. 22-25, Orlando, FL.

Security Equipment Industry Association

2800 28th St, Suite 124

Santa Monica, CA 90405

(213) 450-4141

Publications SEIA News Brief: monthly,

members only.

Conferences International Security Con-

gress, Feb 26-28, Orlando, FL; April 14-

16, Anaheim, CA; June 16-18, Chicago;

Aug 24-26, New York.

Books

Alarm Systems and Theft Prevention, Thad

L. Weber. Butterworths, 1985.

Architectural Design and Crime Prevention:

A Revised Bibliography, Anthony G. White.

Vance Bibliographies #A1027, 1983.

Building Security: A Bibliography, Mary

Vance. Vance Bibliographies #A944,

1983.

Defensible Space, Oscar Newman. Mac-

millan, 1973.

Design Against Crime: Beyond Defensible

Space, Barry Poyner. Butterworths, 1983.

Design and Application of Security/Fire

Alarm Systems, John Traister. McGraw-

Hill, 1982.

Design Considerations in Vandalism Pre-

vention: A Bibliography, Mary Ellen Huls.

Vance Bibliographies #A1658, 1986.

Design for Security, Richard Healy. Wiley,

1983.

Museum, Archive, and Library Security, Law-

rence J. Fennelly. Butterworths, 1983.

Safety and Security in Building Design,

Ralph Sinnott. Van Nostrand Reinhold,

1985.

The Security of Buildings, Grahame Under-

wood. Architectural Press, 1984.

Security Systems and Architectural Design:
An Introductory Bibliography, Bibliographic
Research Library Staff. Vance Bibliog-

raphies #A1169, 1984.

Magazine Articles

"Building Security May Have its Design

Repercussions," Architectural Record, Jan

1986.

"Building the Terror-Proof Airport," News-

week, July 8, 1985.

"Design with Fear: Anti-Terrorist Design,"

P/A, Aug 1985.

"Practice: Designing for Terrorism and

Other Aggressions," Architectural Record,

Jan 1986.

"Resisting Terrorist Attacks: Protective

Door and Window Systems," Construction

Specifier, July 1986.

"Security Systems" Special Supplement,

P/A March 1986.

Databases

Criminal Justice Periodicals Index

(DIALOG).

Seismic

Associations

Applied Technology Council

30 Twin Dolphin Dr, Suite 275

Redwood City, CA 94065

(415) 595-1542

Publications List of books available.

Conferences Seminar dates not deter-

mined.

Federal Emergency Management Association

PO Box 8181

Washington, DC 20024

National Center for Earthquake Engineering Research

Engineering West, Room 236

State University of New York at Buffalo

Emhurst Campus

Buffalo, NY 14260

(716) 636-3001

Seismological Society of America

6431 Fairmont Ave, Suite 7

El Cerrito, CA 94530

(415) 525-5474

Publications Bulletin: Bimonthly.

Conferences Mar 23-27, Santa Barbara.

KANSAS CITY Hotels:

Alameda Plaza; Ra-

phael Hotel; Vista In-

ternational; Westin

Crown Center. Res-

taurants: The Ameri-

can Restaurant; An-

nie's Santa Fe; Uni-

versity Club.*

University of California Berkeley Earthquake Engineering Research Center

1301 South 46th St

Richmond, CA 94804

(415) 231-9554

Publications EERC Reports: Annual. Ab-

stract Journal in Earthquake Engineering.

University of Michigan Earthquake Testing Laboratory

c/o 2340 GT Brown Bldg

Civil Engineering Dept

Ann Arbor, MI 48109

(313) 764-8495

Publications Structures brochure available.

University of Washington Earthquake Engineering Research Institute

Geophysics Dept.

Seismology Lab AK-50

Seattle, WA 98195

(206) 543-7010

Publications Quarterly report on seismic

activity in the region.



U.S. Geological Survey

1200 South Eads St
Arlington, VA 22202
(703) 648-4460 Public Affairs
Publications List available (contact U.S. Geological Survey Books & Open File Reports Section, Federal Center, Box 25425, Denver, CO 80225).

Conferences (contact Mapping, Water Resources and Geological divisions).

Databases (contact Information Systems).

Books

Building Configuration and Seismic Design, Christopher Arnold and Robert Reitherman. Wiley, 1982.

Design of Earthquake-Resistant Buildings, Minoru Wakabayashi. McGraw-Hill, 1986.

Design of Earthquake Resistant Structures, Emilio Rosenbluth, ed. Wiley, 1980.

Design of Multistory Reinforced Concrete Buildings for Earthquake Motions, Portland Cement Association, 1961.

Earthquakes and Buildings, Mary Vance. Vance Bibliographies A#1500, 1985.

Earthquake Effects on Reinforced Concrete Structures. American Concrete Institute, 1985.

Earthquake Forces on Tall Structures, Henry J. Dogakolb. Bethlehem Steel, 1970.

Earthquake Investigation Report (Report on Sept 15, 1986, Mexico City Earthquake), International Masonry Institute.

Earthquake Protection of Essential Building Equipment; Design, Engineering, Installation, Gary L. McGavin. Wiley, 1981.

Earthquake Resistant Design, David J. Dowrick. Wiley, 1977.

Experimental Research Needs for Improving Earthquake Resistant Design of Buildings. Earthquake Engineering Workshop, National Science Foundation, 1980.

NEHRP Recommended Provisions for the Development of Seismic Regulations for New Buildings. Federal Emergency Management Agency, 1985.

Seismic Design of Buildings, James Ambrose & Dmitry Vergun. Wiley.

Seismic Structural Design/Analysis Guidelines for Buildings. U.S. Army Construction Engineering Research Laboratory, 1977.

Magazine Articles

"Architectural Strategies in Seismic Design," *Architectural Record*, Feb 1986.

"Quake Codes," *Architectural Technology*, Spring 1984.

"Seismic Design of Structural Steel Buildings," *Construction Specifier*, Jan 1986.

Databases

Compendex (DIALOG, BRS, SDC ORBIT) NTIS (DIALOG, BRS).

Audiovisual

"Why Some Buildings Survive Earthquakes," (contact National Bureau of Standards, Gaithersburg, MD).

"Lessons from Earthquakes," (contact Bethlehem Steel Corp., Television Production Center, B201, Martin Tower, Bethlehem, PA).

Services

Audiovisual

Associations

American Institute of Architects Information Center/Audiovisual Dept.

1735 New York Ave NW
Washington, DC 20006
(202) 626-7495

Association of Visual Communicators

900 Palm Ave
Suite B
South Pasadena, CA 91020
(818) 441-2274

Publications Communicator: quarterly, members only.

Competitions Audiovisual Department of the Year Award, CINDY Awards.

Conferences Dates not determined.

Audio-Visual Management Association
6311 North O'Connor Rd, LB51.
Irving, TX 75039
(213) 869-1112

LOS ANGELES Sights:

Bradbury Building;

Gamble House; Getty

Museum, Malibu;

Hollyhock House;

L.A. Public Library;

Philip Lovell Beach

House; Museum of

Contemporary Art;

Watts Tower.*

Publications AVMA News: quarterly, members only.

Conferences May 3-6, Grand Rapids, MI; Oct 11-14, Scottsdale, AZ.

International Communications Industries Association

3150 Spring St
Fairfax, VA 22031-2399
(703) 273-7200

Publications Communications Industries Report: monthly. Market Monitor: monthly, members only. Equipment Directory of Audio/Visual Video & Computer Products: annual product directory.

Conferences Feb 25-28, Atlanta, GA. Competitions ICIA Communications Achievement Awards, deadline Oct 31.

National Audiovisual Center National Archives and Records Administration

8700 Edworth Dr
Capitol Heights, MD 20743
(301) 763-1896

Publications List of audiovisual materials produced by the U.S. Government available.

Periodicals

Audiovisual Communications (475 Park Ave, South, New York, NY 10106): monthly.

Audiovisual Directions (2550 Hawthorne Blvd, Torrance, CA 90505): monthly.

Audiovisual Marketplace (R.R. Bowker Co, New York): irregular.

Marketing Communications, (United Business Publications, Inc, 475 Park Ave, South, New York, NY): monthly.

Books

The British Film Catalogue 1895-1970: A Reference Guide. McGraw-Hill, 1973.

Educational Film Locator. R.R. Bowker, 1980.

Educator's Guide to Free Filmstrips, Horkheimer, Mary Foley and John C. Diffor, eds. Educator's Progress Service, 1983.

Educator's Guide to Free Tapes, Scripts and Transcripts, James L. Berger, ed. Educator's Progress Service, 1983.

Film Study: A Resource Guide, Frank Manchel, Fairleigh Dickenson University Press, 1973.

Reference Guide to Audiovisual Information, James Limbacher. R. R. Bowker, 1980.

Magazine articles

"The Great Slides Promotion," *Professional Marketing Report*, Jan 1982.

"How to Use Visuals in Presentation," *Professional Marketing Report*, Aug 1980.

"The Role of Presentation Aids," *Professional Marketing Report*, Dec 1985.

"A Room with a View," *P/A*, Sept. 1986.

Audiovisual

Slide Lectures and Films. U.S. Government Printing Office, 1980.
The Video Sourcebook. Gale Research, 1980.

Modelmaking

Associations

American Engineering Model Society

PO Box 2066
Atkin, SC 29802
(803) 649-6710

Publications AEMS newsletter: monthly.

Conferences May 12-14, Denver.

Architectural Modelmakers of New York

27 West 24th St
New York, NY 10010
(212) 691-7345

Books

Architectural and Interior Models, Sanford Hohauser and revised by Helen Demchyshyn. Van Nostrand Reinhold, 1984.

Architectural Models, Rolf Janke. Praeger, 1968.

Architectural Models: a Selected Bibliography, Anthony G. White. Vance Bibliographies #A1293, 1984.

Drawing and Modelmaking, Alexander Ratenky. McGraw-Hill, 1983.

A Guide to Professional Architectural and Industrial Scale Model Building, Graham Day Pattinson. Prentice-Hall, 1982.

Model Building for Architects and Engineers, J.R. Taylor. McGraw-Hill, 1976.

Magazine Articles

"Lasers," *P/A*, June 1986.

Photography

Associations

American Society of Magazine Photographers

205 Lexington Ave
New York, NY 10016
(212) 889-9144

Publications Bulletin: monthly, members only. Stock Photography Handbook. Professional Business Practices in Photography.

Conferences Exhibits at Photo '87 West and Photo '87 New York.

Competitions Awards program (contact Awards Chairman).

Databases ASMPH Computer Network.

Professional Photographers of America

1090 Executive Way
Des Plaines, IL 60018
(312) 299-8161

Publications Professional Photographer monthly. Directory of local photographers. Conferences Aug 1-5, Rosemont, IL.

Competitions Annual Print Competition. Databases Photo Net services: (contact (212) 757-0320.)

Conferences Visual Communications Congress, June, New York. (contact 2378 South Broadway, Denver, CO 80210).

Photo '87 West, May 15-17, San Francisco; Photo '87, Nov 20-22, New York (contact Conference Management Corp, (203) 852-0500).

Periodicals

Industrial Photography (50 West 23 St, New York, NY 10010): monthly.

Competitions Industrial Film/Video Awards Competition, deadline Apr.

Books

Architectural Photography, Joseph Molitor. Wiley, 1976.

Architectural Photography: a Selected Bibliography, Anthony G. White. Vance Bibliographies, 1983.

Architectural Photography: Techniques for Preservationists, Historians, Photographers and Urban Planners, Jeff Dean. The American Association for State and Local History, 1981.

Design Simulation: Use of Photographic and Electronic Media in Design and Presentation, Ernest Burden. Wiley, 1985.

Modern Dimensions in Architectural Photography: an Introductory Bibliography. Vance Bibliographies #1064, 1983.

Photographing for Publication, Norman Sanders. R.R. Bowker, 1983.

The Photography of Architecture and Design, Julius Shulman. McGraw-Hill, 1977.

The Photography of Architecture, Akiko Busch. Van Nostrand Reinhold, 1986.

(See Source Directory, p. 133)

Rendering

Associations

American Institute for Design and Drafting

966 Hungerford Dr, Suite 10-B
Rockville, MD 20850
(301) 294-8712

Publications Design and Drafting News: bimonthly, members only.

Conferences Mar 31-Apr 2, St. Louis.

American Society of Architectural Perspectivists

Boston Architectural Center
320 Newbury St
Boston, MA 02115

(617) 846-3766 (Frank Costantino).

Publications Available in early 1987.

Conferences Annual Delineators Show, dates not determined.

Databases Mailing list and catalog of entries for database available.

Books

Architectural Delineation, Ernest Burden. McGraw-Hill, 1982.

Architectural Illustration, Paul Oles. Van Nostrand Reinhold, 1979.

Architectural Rendering: Monographs, Mary Vance. Vance Bibliographies, #1249, 1984.

Architectural Rendering Techniques, Mike W. Lin. Van Nostrand Reinhold, 1986.

Graphics for Designers, Robert Hartman. Iowa State University Press, 1976.

Illustrating Architecture, Albert Lorenz. Van Nostrand Reinhold, 1985.

New Techniques of Architectural Rendering, Helmut Jacoby. Van Nostrand Reinhold, 1981.

Perspective Rendering for Commercial Design: Exterior (separate book on Interior) Takashi Mori. Van Nostrand Reinhold, 1982.

Rendering Standards in Architecture and Design, Stephen W. Rich. Van Nostrand Reinhold, 1982.

Rendering with Pen and Ink, Robert W. Gill. Van Nostrand Reinhold, 1978.

Techniques of Interior Design Rendering and Presentations, Sid Delmar Leach. McGraw-Hill, 1978.

Van Nostrand Reinhold Manual of Rendering with Pen and Ink, Robert W. Gill. Van Nostrand Reinhold, 1984.

(See Source Directory, p. 133)

Special Interest

Barrier-Free Design

Associations

American National Standards Institute

1430 Broadway
New York, NY 10018
(212) 354-3300

Publications ANSI Reporter: bimonthly. ANSI Standard (A117.1-1986) for Making Buildings Usable by Physically Handicapped People.

Architectural and Transportation Barriers Compliance Board

330 C St SW, Room 1010
Washington, DC 20002
(202) 245-1591 (information)

(202) 472-3237 (architect)

Publications Resource Guide for the Removal of Architectural Barriers. Minimum Guideline and Requirements for Accessible Design. Uniform Federal Accessibility Standards. Access America: quarterly.

Department of Housing and Urban Development

451 7th St SW, Room 10140
Washington, DC 20410
(202) 755-6454

Publications The Selective Guide on Accessible Environments for the Disabled.

Mainstream, Inc.

1200 15th St NW, Suite 403
Washington, DC 20005
(202) 833-1136

Publications In The Mainstream: bimonthly.

National Council on the Handicapped

800 Independence Ave SW
Washington, DC 20202
(202) 453-3846

Paralyzed Veterans of America

Barrier-Free Design Program
801 18th St NW
Washington, DC 20006
(202) 872-1300 ext 230

Publications Access Information Bulletin.

Books

Access for the Handicapped; The Barrier-Free Regulations for Design and Construction in all 50 States, Peter S. Hopf and John A. Roerber. Van Nostrand Reinhold, 1984.

Architecture of and for the Blind: A Selected Bibliography, Anthony G. White. Vance Bibliographies #A1146, 1984.

Barrier-Free Exterior Design: Anyone Can Go Anywhere, Gary O. Robinette, ed. Van Nostrand Reinhold, 1985.

Barrier-Free Housing, Furniture, and Interior Design for the Physically Handicapped: A Selected Bibliography, Roger M. Kramer. Vance Bibliographies #A986, 1983.

Building without Barriers for the Disabled, Sarah P. Harkness. Whitney Library of Design, 1976.

Design for Accessibility, Robert Sorenson. McGraw-Hill, 1979.

Handicapped Requirements Handbook, Federal Program Advisory Group. Thompson Publishing Group.

Housing Interiors for the Disabled and Elderly, Bettyann Raschko. Van Nostrand Reinhold, 1982.

Product Inventory of Hardware and Equipment for Barrier-Free Housing, The National Handicap Housing Institute.

Tactile/Electronic Orientation Devices for the Visually Handicapped: A Selected Bibliography, Wolfgang F.E. Prieser. Vance Bibliographies #A895, 1983.

Magazine Articles

"Access Today," P/A, Sept 1980.

"Barrier-Free Design" special issue, P/A, Apr 1978.

"Enabling the Disabled," P/A, July 1985.

Audiovisual Sources

"Barrier-Free Design and Accessibility," (ACTS, Inc., Baldwin, MO).

"Barrier-Free Housing" and "Free to Choose," (PFA Laboratory, Toronto).

"The System" and "The Guide," (Information Development Corporation, Winston-Salem, NC).

► Designing for the Aged

Associations

AIA Design for Aging Subcommittee

1735 New York Ave NW
Washington, DC 20006
(202) 626-7429

Conferences Hospitals: Elderly Care for the 1990's, March 11-12, Tampa, FL (contact Tradeline, Orinda, CA).

American Association of Homes for the Aging

1129 20th St NW, Suite 400
Washington, DC 20036
(202) 296-5960

Publications Members only. Newsletter: biweekly.

Conferences Apr 8-10, Washington, DC; Oct 11-14, Louisville.

National Council on the Aging

600 Maryland Ave SW
West Wing 100
Washington, DC 20024
(202) 479-1200

Publications Newsletters in specialty areas.

Perspectives on Aging: bimonthly.

Conferences Mar 29-Apr 1, Chicago.

Books

Aging and the Product Environment, Joseph A. Knocelik. Dowden Hutchinson & Ross, 1982.

Design for Aging: An Architect's Guide. AIA Press, 1985.

Design for Aging: A Bibliography. AIA Press.

Design of Long-Term Facilities, Lazlo Arany and Larry L. Goldman. Van Nostrand Reinhold, 1980.

Designing for Aging: Patterns for Use, Sandra C. Howell. MIT Press, 1980.

Environment and Aging, Mortimer Powell Lawton. Brooks/Cole, 1980.

Environmental Context of Aging: Life Styles, Environmental Quality and Living Arrangements. Garland, 1979.

Fact Book on Aging, Charles Harris. National Council on Aging, 1978.

Geriatric Personal Furnishings System, Joseph A. Knocelik. JG Furniture Systems and the National Endowment for the Arts, 1983.

Housing for a Mature Population. Urban Land Institute, 1983.

Housing for the Aged: A Bibliography, Mary Vance. Vance Bibliographies #A1483, 1985.

Housing for the Elderly: Privacy and Independence in Environments for the Aging, J. David Hoglund. Van Nostrand Reinhold, 1986.

Housing Interiors for the Disabled and Elderly, Betty Ann Boettcher Raschko. Van Nostrand Reinhold.

Independence through Interdependence: Congregate Living for Older People. Building Diagnostics, Boston.

Midrise Elevator Housing for Older People. Building Diagnostics, Boston.

Site Planning and Design for the Elderly: Issues, Guidelines and Alternatives, Diane Y. Carstens. Van Nostrand Reinhold, 1985.

Spatial Behavior of Older People, L.A. Pastalan and D.H. Corson. University of Michigan, 1970.

Senior Center Design Workbook, Henry Sanoff and others. Department of Human Resources, North Carolina State University, Raleigh, N.C.

Magazine Articles

"Assessment of Activity Priorities and Design Preferences of Elderly Residents in Public Housing: a Case Study," Gerontologist, 1985.

"Design for Aging," Architectural Technology, Summer 1985.

"Developing Residential Design Statements for the Hearing-Impaired Elderly," Environment and Behavior, 1985.

"Enabling the Disabled," P/A, July 1985.

"Housing for the Elderly: the Development and Design Process," Gerontologist, 1984.

"Targeting the Elderly in Facility Design," Hospitals, 1984.

"Transportation Systems for the Elderly and Handicapped: Elements for a Design," Gerontologist, 1980.

Audiovisual

"Designing for Aging: An Overview," (ACTS, Baldwin, MO).

"Design and Development of Continuing Care Facilities," (AIA Information Center, (202) 626-7495).

► Energy Conservation

Associations

American Solar Energy Society

2030 17th St
Boulder, CO 80302
(303) 443-3130

American Wind Energy Association

1017A King St
Alexandria, VA 22314
(703) 684-5196

Publications The Wind Energy Weekly: weekly

Association of Energy Engineers

4025 Pleasantdale Rd, Suite 420

Atlanta, GA 30340
(404) 447-5083

Publications Energy Insight: 3 times per year. Energy Engineering: bimonthly. Strategic Planning and Energy Management: quarterly.

Conferences Sept 29-Oct 2, Georgia.

National Appropriate Technology Assistance Service

Department of Energy
(800) 428-2525

National Center for Appropriate Technology

PO Box 3838
Butte, MT 59702
(406) 494-4572

National Climatic Center

Environmental Data Service,
Federal Building,
Asheville, NC 28801

Passive Solar Industries Council

c/o Potomac Energy Group
1414 Prince Street
Alexandria, VA 22314
(703) 683-5003

Solar Energy Industries Association

1730 North Lynn St, Suite 610
Arlington, VA 22209

Conferences Feb 13-19, Orlando, FL.

Solar Energy Research Institute

1617 Cole Boulevard
Golden, CO 80401
(303) 231-1000
(303) 231-7303 (technical information)

Publications In Review: monthly

Underground Space Center

28 Appleby Hall, 128 Pleasant St SE

University of Minnesota,
Minneapolis, MN 55545

Periodicals

Energy Design Update (Cahners Publishing Company, 221 Columbus Ave, Boston, MA 02116)

Progressive Builder (SolarVision, Inc., 120 Wilton Rd, Peterborough, NH 03456-0470)

Books

Architecture and Energy: Conserving Energy through Rational Design, Richard Stein. Doubleday, 1977.

ASHRAE Handbook of Fundamentals, American Society of Heating, Refrigerating, and Air-Conditioning Engineers.

Climatic Design: Energy Efficient Building Principles and Practices, Donald Watson and Kenneth Labs. McGraw-Hill, 1983.

Concepts in Thermal Comfort, David Egan. Prentice Hall, 1975.

Design with Climate, Victor Olgyay. Princeton University Press, 1963.

Earth Sheltered Residential Design, Underground Space Center. Van Nostrand Reinhold, 1982.

IES Lighting Handbook, Illuminating Engineering Society.

The Passive Solar Energy Book, Edward Mazria. Rodale, 1979.

Solar Architecture: The Direct Gain Approach, Timothy Johnson, McGraw-Hill, 1981.

Thermal Delight in Architecture, Lisa Hes-chong. MIT Press, 1979.

Magazine Articles

April Issues, Progressive Architecture, 1979-1986.

► Historic Preservation

Associations

AIA Committee on Historic Preservation

(202) 626-7452

Publications Guide to Historic Preservation.

Advisory Council on Historic Preservation

1100 Pennsylvania Ave NW, Suite 809
Washington, DC 20004
(202) 786-0503

Publications List available.

LOS ANGELES Hotels:

Beverly Hills Hotel;

Beverly Hilton; Bev-

erly Wilshire; Bilt-

more; Hotel Bel Air;

L.A. Bonaventure.

Restaurants: Angeli;

L'Ermitage; Ma

Maison; Rebecca's;

Ritz; Spago; West

Beach Cafe.*

*Based on architect survey
(see page 61)

American Association of State and Local History

172 Second Ave North, Suite 102
Nashville, TN 37201
(615) 255-2971

Publications History News: bimonthly.
History News Dispatch: monthly
Conferences Oct 4-7, Raleigh, NC.

Association for Preservation Technology

Box 2487 Station D
Ottawa, ONT K1P 5W6, Canada
(613) 238-1972

Publications Communique newsletter: bi-monthly. APT Bulletin: quarterly.
Conferences Sept 16-19, Victoria, BC; training course, Sept 14-16.
Competitions Oliver Torrey Fuller Awards Program recognizing most outstanding article published in the previous year's journal, deadline June 1.

Association of Reproduction Materials Manufacturers

901 North Washington St
Alexandria, VA 22314
(703) 548-7500

Publications The Blue Line: irregular, 15-18/y, members only.
Conferences Nov 4-7, Sea Island, GA

Friends of Terra Cotta

PO Box 421393, Main Post Office
San Francisco, CA 94142
(415) 556-7741

Publications Friends of Terra Cotta Newsletter. List of terra cotta suppliers and publications. Bibliography available.
Conferences Contact local chapters.
Competitions New Construction Award; Advocacy Award; Restoration Award; Rehabilitation Award; Maintenance & Stabilization Award; Additions to an Existing Building Award, contact Alice Carey (415) 957-0100.

Heritage Canada Foundation

Box 1358 Station B
Ottawa, ONT K1P 5R4, Canada
(613) 237-1867 or (613) 237-1066
Publications Canadian Heritage Magazine: 5/year.

Conferences Dates not determined.
Competitions Gabrielle Leger Award. Prix Credit Foncier Award.

National Institute for the Conservation of Cultural Property

National Park Service
U.S. Department of Interior
PO Box 37127
Washington D.C. 20013-7127
(202) 343-4747

Publications List, technical reports and case studies available.

National Preservation Institute

PO Box 1702
Alexandria, VA 22313
(202) 393-0038

Conferences Fall preservation course.

National Trust for Historic Preservation

1100 Pennsylvania Ave NW, Suite 809

Washington, DC 20004
(202) 673-4000

Publications Preservation News: bi-monthly, members only. Historic Preservation Magazine: bimonthly, members only.
Conferences Oct 7-11, Washington, DC
Competitions Honor Award Program, deadline late spring.

Partners for Livable Places

1429 21st Street NW
Washington, DC 20036
(202) 887-5990

(see Urban Design & Planning).

Most respected architecture critic: Ada Louise

Huxtable. Of the architects surveyed, 40% rate

design coverage by the local media in their com-

munities good; 23% bad; and 37% indifferent.*

Preservation Action

1700 Connecticut Ave NW, Suite 401
Washington, DC 20009
(202) 659-0915

Publications Communique: quarterly.
Preservation Action Alert quarterly.
Conferences March 29-31, Washington D.C.

Preservation Resource Group

5619 Southampton Dr
Springfield, VA 22151
(703) 323-1407

Publications New Products Bulletin: quarterly.

Public Buildings Service

General Service Administration,
Room 7911.
Washington, DC 20407
(202) 472-1891

Contact (202) 472-4506 for information on bidding for government design and construction projects.

Society of Architectural Historians

1700 Walnut St, Suite 716
Philadelphia, PA 19103
(215) 735-0224

Publications Journal of the Society of Architectural Historians: quarterly. SAH Newsletter: bimonthly, members only. Preservation Committee "Forums": periodic, List of additional publications available.

Conferences Apr 22-26, San Francisco.
Competitions (see Scholarships section).

Society for the Preservation of New England Antiquities

141 Cambridge St
Boston, MA 02114
(617) 227-3956

Publications SPNEA News: 3/year, members only. Old Time New England: irregular publication. Technical Advisory Reports available.

Conference Dates not determined.

Conferences

Preservation Conference (contact School of Architecture, University of Virginia, Campbell Hall, Charlottesville, VA 22903 for 1988 information).

Periodicals

IA: *Journal of the Society of Industrial Archeology* (National Museum of American History, Suite 5020, Washington, DC 20560): annual.

Old House *Journal* (69A Seventh Ave, Brooklyn, NY 11217): 10/year.

Technology and Conservation (Technology Organization, Inc, 1 Emerson Place, Boston, MA 02114): quarterly.

Preservation Shop, annual.

Library of Congress, *Architecture, Design, and Engineering* quarterly newsletter.

Historic Preservation Yearbook.

Books

All About Old buildings; *The Whole Preservation Catalog*, Diane Maddex, ed. National Trust for Historic Preservation, 1985.

Architectural Records in Chicago: A Guide to Architectural Research Resources in Cook County and Vicinity, Kathleen Toy Cummings. Cooperative for Preservation of Architectural Records (COPAR), 1981.

Architectural Research Materials in the District of Columbia, Sally Hanford. COPAR, 1983.

Architectural Resource Materials in New York City: A Guide to Resources in all Five Boroughs and a Supplement Index to Architects and Architectural Firms in New York City, Mary Ison. COPAR, 1981.

Architectural Research Materials in Philadelphia. COPAR.

The Brown Book: A Directory of Preservation Information, Mary Maddex, ed. National Trust for Historic Preservation, 1983.

Good Buildings, Good Times: A Manual of Program Ideas for Promoting Local Architecture. Preservation League of the State of New York, 1985.

Historic Buildings: A Study on the Magnitude of Architectural Conservation Needs in America. National Institute for the Conservation of Cultural Property, Inc, 1984.

Historic Preservation: Curatorial Management of the Built World, James Marston Fitch. McGraw-Hill, 1982.

Library Resources in Washington, DC, Relating to Historic Preservation, compiled by Lelahvon Lugo. National Trust for Historic Preservation, 1979.

Readings in Historic Preservation: An Annotated Bibliography to the Key Books and Periodicals, James C. Massey. National Preservation Institute, 1986.

Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings, Gary L. Hume and Kay D. Weeks. National Park Service, Preservation Assistance Division, 1983.

Where to Look: A Guide to Preservation Information. U.S. Advisory Council on Historic Preservation, 1982.

Magazine Articles

"What Price Success; P/A Roundtable: Federal Government in Preservation," P/A, Nov 1985.

"Working with Landmarks Preservation Commissions," Contract, Aug 1985.

Databases

RLIN (Avery Index to Architectural Periodicals), Avery Architectural and Fine Arts Library.

America: History and Life (DIALOG). Historical Abstracts (DIALOG).

Art Index (WILSONLINE).

API, Architectural Periodicals Index of the British Architectural Library.

Audiovisual

FOCUS, a Design Arts Film and Video Guide Book, 1981 (Partners for Livable Places, 1429 21st St, NW, Washington, DC 20036).

Libraries

The Avery Architectural and Fine Arts Library, Columbia University.

Library of Congress, Architecture, Design, and Engineering Collection. Also maintains an index to the location of historic drawing collections nationwide.

Housing the Homeless

(see also Housing)

Associations

Building and Social Housing Foundation

Memorial Square
Coalville, Leicestershire LE6 4EO
England

Competitions International Competition for Shelters for the Homeless.

Coalition for the Homeless

105 East 22nd St
New York, NY 10010
(212) 460-8110

Publications Safety Network, monthly. Reference Manual for Food, Shelter and Resources for the Homeless. Coalition for the Homeless. List of publications.

Council for State Housing Agencies

444 North Capitol St, Suite 118
Washington, DC 20001
(202) 624-7710

Publications Washington Update: weekly, members only. HFA Update; bimonthly, members only.

Conferences Oct 28-30, Boston.
Competitions Awards Program, by nomination.

Housing Assistance Council

1025 Vermont Ave NW, Suite 606
Washington, DC 20005
(202) 842-8600

National Association of Housing and Redevelopment Officials

1320 18th St NW
Washington, DC 20036
(202) 333-2020

National Institute of Mental Health

Technical Assistance Program
Room 11C25
Rockville, MD 20857
(202) 443-3076

Single Room Occupancy Housing, Inc

311 South Spring St, Suite 1110
Los Angeles, CA 90013
(213) 229-9640

Conferences Dates not determined.

United Nations Centre for Human Settlements (Habitat)

PO Box 30030
Nairobi, Kenya
Conferences United Nations International Year of Shelter for the Homeless.

Publications Habitat News, bimonthly.

Books

Building and Zoning Regulations: A Guide for Sponsors of Shelter and Housing for the Homeless in New York City, Jill Hamberg. Community Services Society, 1984.

Helping the Homeless: A Resource Guide. U.S. Dept of Health and Human Services, 1984.

MIAMI Hotels: Doral

Hotel & Country Club

Resort; Grand Bay

Hotel; The Pavillon;

Eden Roc, Cardozo,

Fontainebleau, Miami

Beach. Restaurants:

Cafe Chauveron; Le

Festival; Yoko's.*

The Homeless Mentally Ill: A Task Force Report of the American Psychiatric Association, H. Richard Lamb, ed. American Psychiatric Association, 1984.

Homelessness in America's Cities: Ten Case Studies. Conference of Mayors, 1984.

Homelessness: A Complex Problem and the Federal Response. General Accounting Office, 1985.

Housing the Homeless, 1985; Proceedings of the Conference on Housing the Homeless, AIA Housing Committee. AIA Press, 1985.

Housing the Homeless, John Erickson and Charles Wilhelm, eds. Center for Urban Policy Research, Rutgers University, New Brunswick, NJ.

The Making of America's Homeless: From Skid Row to New Poor, 1945-1984, Jill Hamberg and Kim Hopper. Community Service Society, 1984.

A Report to the Secretary on the Homeless and Emergency Shelters. Dept of Housing and Urban Development, 1984.

SRO—Single Room Occupancy Development Handbook, William Church and others. SRO Housing, Inc, the Portland Development Commission and the Community Redevelopment Agency, Los Angeles, 1985.

Magazine Articles

"The Homeless: An Urban Crisis of the 1980's," *Architecture*, July 1985.

"Shelter from the Storm," *Architectural Record*, June 1986.

*Based on architect survey (see page 61)

MIAMI Sights: Art

Deco district, Miami

Beach; Atlantis and

Palace apartments;

Coral Gables; Villa

Vizcaya.*

Allied Disciplines



Acoustics

Associations

Acoustical Society of America

500 Sunnyside Blvd
Woodbury, NY 11797
(516) 349-7800, ext. 481
Publications Journal of Acoustical Society of America: monthly.
Conferences May 11-15, Indianapolis; Nov 16-20, Miami.

National Council of Acoustical Consultants

66 Morris Ave
Springfield, NJ 07801
(201) 379-1100
Publications Newsletter.
Conferences With Acoustical Society of America (see above).

National Environmental Balancing Bureau

8224 Old Courthouse Rd
Vienna, VA 22180
(703) 734-3840
Publications The Balance Sheet: 3 or 4/yr.
Conferences Nov 5-6, Nashville.

Books

Acoustical Design of Concert Halls and Theaters, Vilhelm Lassen Jordan. Applied Science, 1980.

Buildings for Music: The Architect, the Musician, and the Listener from the 17th Century to the Present Day, Michael Forsyth. MIT Press, 1986.

Cost-Effective Design of Practically Vibration-Free High-Technology Facilities, Richard Rourke, Bolt, Beranek and Newman.

Detailing for Acoustics, Peter Lord and Duncan Templeton. Nichols Publishing, 1983.

Handbook of Noise Control, C.M. Harris, ed. McGraw-Hill, 1979.

Noise and Vibration Control in Buildings, Robert St. Claire Jones. McGraw-Hill, 1984.

Noise Control: Journal Articles, Coppa & Avery. Vance Bibliographies, 1986.

Noise Control Monographs, Mary Vance. Vance Bibliographies, 1986.

Principles and Applications of Room Acoustics, Lothar Cremer. Applied Science, 1982.

Procedural Standards for Measuring Sound and Vibration. National Environmental Balancing Bureau, 1985.

Sound and Vibration in Environmental Systems. National Environmental Balancing Bureau, 1985.

Soundproofing: Recent Trends, Carole Cables. Vance Bibliographies, #A902, 1983.

Magazine Articles

"Improving the Open Office's Acoustical

MINNEAPOLIS/ST.

PAUL Sights: Christ Church; IDS Building and Crystal Court; Milwaukee Avenue historic district; Orchestra Hall; Minnesota State Capitol, St. Paul; Walker Art Center/Tyrone Guthrie Theater.*

Performance," Building Design & Construction, Aug 1986.
"Shaping Sound," Architectural Record, Oct 1985.
"Sound Tract," P/A, Feb 1983.

Engineering

Associations

American Association of Engineering Societies

415 Second St NE, Suite 200
Washington, DC 20002
(202) 546-2237
Publications AAES Report: monthly. Directory of Engineering Societies: biennial. Engineers Salary Survey: biennial. Who's Who in Engineering: biennial. List available.

Conferences Apr 8-9, Williamsburg, VA. Competitions Many awards recognizing outstanding contributions to the field.

American Consulting Engineers Council

1015 15th St NW
Washington, DC 20005
(202) 347-7474
Publications The Last Word: weekly. Interpro: monthly. Directory: annual. International Engineering Directory: biennial. Directory of Minority and Women-Owned Architectural and Engineering Firms: biennial.
Conferences May 17-21, Minneapolis; Oct 8-10, Portland, OR.
Competitions Annual Engineering Excellence Award, deadline Mar 4.

American Society for Engineering Management

301 Harris Hall, University of Missouri
Rolla, MO 65401
(314) 341-4556
Publications Engineering Management Journal: quarterly; Newsletter: quarterly. Conferences Oct 11-13, St. Louis.

American Society of Civil Engineers

345 East 47 St
New York, NY 10017
(212) 705-7496
Publications ASCE News, monthly. Civil Engineering: monthly. Journal of Construction Engineering and Management: quarterly. Journal of Structural Engineering: monthly. Engineering Mechanics: monthly. Geotechnical Engineering: monthly. Hydraulic Engineering: monthly. Structural Engineering: monthly. Irrigation and Drainage Engineering: quarterly. Water Resources Management and Planning: quarterly.
Conferences Oct 26-30, Anaheim, CA. Competitions Contact ASCE.

American Society of Mechanical Engineers

345 East 47 St
New York, NY 10017
(212) 705-7722
Publications Journal of Solar Energy Engineering. ASME News: monthly. Transactions Journal: quarterly. Computers in Mechanical Engineering: bi-monthly. Conferences June and Nov. Competitions Society Achievement, Student Design Competition.

Canadian Council of Professional Engineers

116 Albert St, Suite 401
Ottawa, ONT, Canada K1P 5G3
(613) 232-2474
Publications Indicator: bimonthly. Canadian Engineering Accreditation Report: annual. CCPE Annual Review. CCPE News: monthly.

Canadian Society for Civil Engineering

700 EIC Bldg, 2050 Mansfield St
Montreal H3A 1Z2 Canada
(514) 842-5653
Publications Canadian Journal of Civil Engineering: bimonthly.

Canadian Society for Electrical Engineering

700 EIC Bldg, 2050 Mansfield St
Montreal H3A 1Z2 Canada
(514) 651-6710
Publications Canadian Electrical Engineering Journal: quarterly.

Canadian Society for Mechanical Engineering

700 EIC Building, 2050 Mansfield St
Montreal H3A 1Z2, Canada
(514) 842-8121
Publications General Technical Papers Only: quarterly. Engineering Digest. Transactions: quarterly. CSME Bulletin: quarterly.
Conferences Centennial Engineering Conference, May 19-22, Montreal. Engineering Information Inc.

Engineering Institute of Canada

700 EIC Building
2050 Mansfield St
Montreal H3A 1Z2, Canada
(514) 842-8121
Publications The Engineering Digest: 10/yr. Engineering Societies Library
345 East 47 St
New York, NY 10017
(212) 705-7606
Publications List of recent periodical acquisitions: biennial; book acquisition list: monthly.

Institute of Electrical and Electronics Engineers

345 East 47 St
New York, NY 10017
(212) 705-7910
Publications IEEE proceedings. List available.
Conferences Regional conferences. Technical seminars.

Institute of Industrial Engineers

25 Technology Park/Atlanta
Norcross, GA 30092
(404) 449-0460
Publications Industrial Engineering: monthly. Industrial Management: 6/yr. The Engineering Economist: quarterly. Transactions: quarterly.
Conferences May 17-20, Washington, DC; Nov 5-7, Nashville, TN.

MINNEAPOLIS/ST.

PAUL Hotels: Amfac; Marquette; The Registry, Saint Paul. Restaurants: Blue Horse; Latour; Seasons on the Park.*

*Based on architect survey (see page 61)

Interiorscape (Brantwood Publications, Northwood Plaza Station, Clearwater, FL 33519): bimonthly.

LandSearch (Datascope Information Pty, GPO Box 1870, Canberra ACT2601, Australia): quarterly index to periodical literature of landscape architecture worldwide.

Books
Gardens are for People, Thomas D. Church. McGraw-Hill, 1983.

Handbook of Landscape Architecture Construction. Landscape Architecture Foundation, 1976.

An Introduction to Landscape Architecture, Michael Laurie. American Elsevier, 1975.
L A File (reference of manufactured products). Landscape Architecture Foundation.

NEW YORK Sights:

Battery Park City;

Central Park; Colum-

bia University cam-

pus; Empire State

Building, observation

deck; Grand Central

Station; Guggenheim

Museum; Rockefeller

Center; Seagram

Building.*

Landscape and Nature Aesthetics: Monographs. Mary Vance Bibliographies #A1576, 1986.

Landscape Architectural Site Construction Details, Gary O. Robinette. Environmental Design Press, 1976.

Landscape Architecture: A Manual of Site Planning and Design, John Ormsbee Simonds. McGraw-Hill, 1983.

Landscape Architecture: Guidelines to Professional Practice, Lane J. Marshall. American Society of Landscape Architects, 1981.

Landscape Design, A.E. Weddle. Van Nostrand Reinhold, 1978.

Landscape Literature of the Twentieth Century: Books Reviewed in Landscape Architecture Magazine 1910-1979, Bruce Ferguson. Vance Bibliographies, 1980.

Landscaping: Principles and Practice, Jack Ingles. Van Nostrand Reinhold, 1979.

Plant Material in Urban Design: A Selected Bibliography, J. Wayne Pratt. Vance Bibliographies A 1575, 1986.

Site Planning, Kevin Lynch. MIT Press, 1971.

Site Planning Standards, Joseph DeChiara and Lee Koppelman. McGraw-Hill, 1978.

Trees for Every Purpose, Joseph Hudak. McGraw-Hill, 1979.

Audiovisuals
 "A Legacy for Living, Modern Talking Pictures" (5000 Park St North, St. Petersburg, FL 33709).

"Specifying Landscape Products" (Audio Cassette Service, Metairie, LA).

Additional titles on specific gardens listed in FAC-TV and FOCUS catalogs (see Handicapped audiovisuals for address).

Programming

Associations
Environmental Design Research Association

L'Enfant Plaza Station
 PO Box 23129
 Washington, DC 20024
 (301) 657-2651
 (See Environmental Psychology)

Books

Design Programming Manual, John Zeisel and Polly Welch. Government Printing Office, Washington.

Facilities Programming: Methods and Applications, J.L. Brinkley and J.A. Parker. Dowden Hutchinson & Ross, 1978.

Inquiry By Design, John Zeisel. Brooks/Cole, 1981.

Interviews with Architects about Facility Programming. A & M School of Architecture Tallahassee, FL, 1982.

Methods of Architectural Programming, Henry Sanoff. Dowden Hutchinson & Ross, 1977.

Problem Seeking: An Architectural Programming Primer, William J. Pena and others. Cahners Books, 1977.

Programming for Architecture, Robert Hersberger. Van Nostrand Reinhold, to be published Sept 1987.

Programming in the Built Environment, Wolfgang F.E. Preiser, ed. Van Nostrand Reinhold, 1985.

Space Operational Analysis: A Systematic Approach to Spatial Analysis and Programming, Manuel Marti, Jr. PDA Publishers, 1981.

Space Planning Methods for Architects and Physical Planners, Donald Grant. Council of Planning Librarians, 1978.

Magazine Articles

"Aiding the Corporate Move with Pre-design Planning," *Buildings Design Journal*, Sept 1983.

"Architecture at Work," *Harvard Business Review*, Sept/Oct 1984.

"Don't Skimp on the Interior Design Program," *Facilities Design and Management*, July/Aug 1983.

"Facilities Management-Emerging New Techniques," *International Real Estate Journal*, vol 5/no 1.

"Intelligent Building Programming," *Interiors*, Apr 1985.

Urban Design and Planning

Associations

AIA Urban Design and Planning Committee

1735 New York Ave NW
 Washington, DC 20006
 (202) 626-7452

Conferences The State of the City, dates not determined. Regulation of Urban Design, June, Washington, DC.

Competitions AIA Citation for Excellence in Urban Design, deadline May.

American Institute Of Certified Planners

(Subsidiary of American Planning Assoc)
 1313 East 60th St
 Chicago, IL 60637
 (312) 955-9100

Publications AICP Notes on Planning: monthly.

Competitions Awards Program (contact Washington, DC office, see APA below).

American Planning Association

1313 East 60th St
 Chicago, IL 60637
 (312) 955-9100, or
 1776 Massachusetts Ave NW, Suite 704
 Washington, DC 20036
 (202) 872-0611

Publications Planning: monthly. *Journal of the APA*: quarterly.

Conferences Apr 25-29, New York.

Competitions National Planning Awards (contact APA).

American Society of Consulting Planners

210 7th St SE, Suite 647
 Washington, DC 20003
 (202) 544-0035

Publications Newsletter: quarterly, members only. *Bulletin*: monthly, members only.

Directory of Firms: annual.

Canadian Institute of Planners

30-46 Elgin St, Suite 30
 Ottawa, ONT K1P 5K6 Canada
 (613) 233-2105

Publications Plan Canada: monthly.

Conferences July 5-8, Toronto.

Favorite parks: 1. Central Park, New York; 2. Boston Public Garden; Hyde Park, London; 3. Luxembourg Gardens, Paris; St. James Park, London. Favorite plazas: 1. Piazza San Marco, Venice; 2. Piazza Navona, Rome; Rockefeller Center, New York.*

Competitions Andrew Campbell Memorial for excellence in planning.

Center for Design Planning

3695 St. Gaudens Rd
 Miami, FL 33133
 (305) 448-8422

Competitions International Street Furniture Design Competition.

Downtown Research and Development Center

1133 Broadway, Suite 1407
 New York, NY 10010
 (212) 206-7979

Publications Downtown Idea Exchange: bi-monthly. *Downtown Promotion Reporter*: monthly. *Urban Outlook*: semi-monthly.

Competitions Downtown Development Awards, biennial.

Environmental Design Research Association

L'Enfant Plaza Station
 PO Box 23129
 Washington, DC 20024
 (301) 657-2651

(See Environmental Psychology)

Frederick Law Olmsted Association

475 Riverside Dr
 New York, NY 10115
 (212) 870-3033

Institute of Urban Design

Social Science Division
 State University of New York
 PO Box 105
 Purchase, NY 10577

Publications Urban Design International: annual.

Conferences Dates not determined.

International Planning Association

5010 Sunnyside Ave, Suite 303
 Beltsville, MD 20705
 (301) 345-8800

Partners for Livable Places

1429 21st St NW
 Washington, DC 20036
 (202) 887-5990

Publications Place; The Magazine of Livability: bimonthly. *Livability Digest*: irregular. List available.

Conferences National Design & Fine Arts, Awards Program, dates not determined.

Urban Land Institute

1090 Vermont Ave NW, Suite 300
 Washington, DC 20005

Publications Urban Land: monthly, members only. *Use Digest Newsletter*: monthly, members only. List available.

Conferences May 20-23, Hawaii; Oct 7-10, Los Angeles.

Waterfront Center

1536 44th St, NW
 Washington, DC 20007
 (202) 337-0356

Publications Waterfront World: bimonthly.

Conferences Dates not determined.

Competitions

Rudy Bruner Award for Excellence in Urban Environment, deadline Feb 1. (Contact Bruner Foundation, 132 West 43rd St, New York, NY 10036.)

Conferences

Monterey Design Conference, Apr 10-12, (contact California Chapter AIA, 1303 J St, Suite 200, Sacramento, CA 95814).

Periodicals

AU Rivista Dell'Arredo Urbano (Via dell'Acqua Traversa, 255 00 135 Rome, Italy): quarterly.

Public *Quarterly Abroad* (International Center of the Academy for State & Local Government, 444 North Capitol St NW, Suite 349, Washington, DC 20001): monthly.

Quarterly Digest of Urban and Regional Research (University of Illinois Press).

Small Town (Small Town Institute, Box 517, 3rd Ave & Poplar St, Ellensburg, WA 98926): bimonthly.

Urban Affairs Quarterly (Sage Publications, 275 South Beverly Dr, Beverly Hills, CA 90212).

Urban History Review (Institute of Urban Studies, University of Winnipeg, Manitoba R3B 2E9): 3/yr.

Books

Architects and Urban Planning, Cortus Koehler. Council of Planning Librarians, 1980.

Cities, Lawrence Halprin. Reinhold, 1965.

The City in History, Lewis Mumford. Harcourt, Brace, World, 1961.

City Planning: A Selected List of Books, 1970-1978, Mary Vance. Vance Bibliographies, 1980.

Collage City, Colin Rowe and Fred Koetter. MIT Press, 1978.

Death and Life of Great American Cities, Jane Jacobs. Vintage Books, 1961.

Design of Cities, Edmund Bacon. Viking Press, 1967.

The Economy of Cities, Jane Jacobs. Random House, 1969.

Elements of Urban Form, George Banz. McGraw-Hill, 1970.

Encyclopedia of Urban Planning, Arnold Whittick. McGraw-Hill, 1974.

Future of the City: New Directions in Urban Planning, Peter Wolf. Whitney Library of Design, 1976.

An Introduction to Urban Design, Jonathan Barnett. Harper & Row, 1982.

Origins of Modern Town Planning, Leonardo Benevolo. MIT Press, 1971.

A Pattern Language: Towns, Buildings, Construction, Christopher Alexander. Oxford Univ. Press, 1977.

Planning Design Criteria, Joseph DeChiara and Lee Koppelman. Van Nostrand Reinhold, 1969.

The Social Life of Small Urban Spaces, William H. Whyte. Conservation Foundation, 1980.

A Theory of Good City Form, Kevin Lynch. MIT Press, 1981.

Urban Planning, Ernest Alexander. Gale Research Co, 1979.

Urban Planning Theory, Melville Branch, ed. Dowden, Hutchinson & Ross, 1975.

NEW YORK Hotels:

Morgans; Plaza; Wal-

dorf-Astoria. Restau-

rants; Bridge Cafe;

Cafe Luxembourg;

Four Seasons; Le

Cygne; Oak Room

(Plaza); Odeon;

Palio; Russian Tea

Room.*

Audiovisual

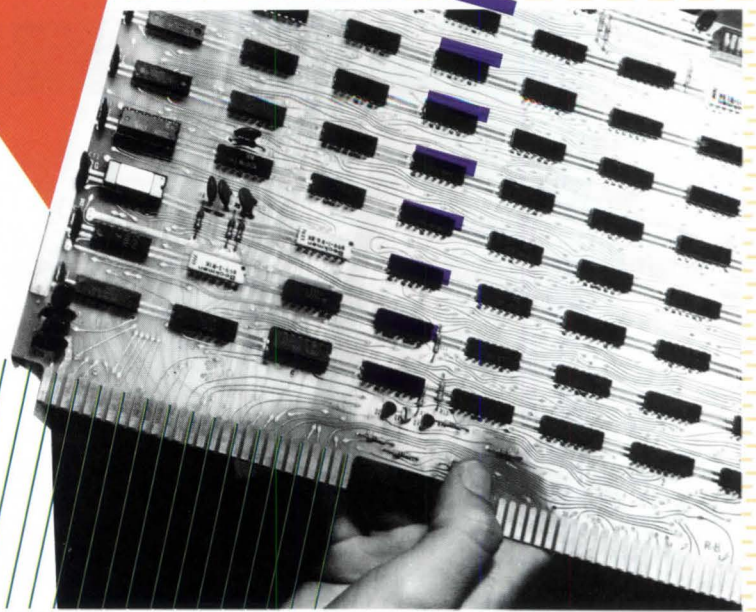
"The Social Life of Small Urban Spaces" (Municipal Arts Society of New York).

"Understanding Cities" (Urban Land Institute, Washington, DC).

*Based on architect survey

(see page 61)

Technics



Cladding

General

Periodicals

Exteriors (1 East First St, Duluth, MN 55802): quarterly.

Books

Cladding: A Bibliography, Mary Ellen Huls. Vance Bibliographies; #A1485, 1985.

Cladding of Buildings, Alan J. Brookes. Construction Press, 1983.

Tall Building Systems and Concepts, Volume SC. American Society of Civil Engineers, 1980.

Wall Systems: Analysis by Detail, Herman Sands. McGraw-Hill, 1986.

Brick

Associations

Brick Institute of America

11490 Commerce Park Dr, Suite 300

Reston, VA 22091

(703) 620-0100

Publications BIA News: bimonthly, members only. Brick in Architecture: bimonthly. Technical notes on brick construction updated periodically. Selection of Contemporary brick details.

Conferences Oct 18-21, West Virginia.

National Association of Brick Distributors

1000 Duke St

Alexandria, VA 22314

(703) 549-2555

Publications NABD News: bimonthly.

Trends in Brick: quarterly.

Conferences Mar 11-15, Key Biscayne, FL.

Competitions Design and Use Contest.

New York Brick Work Design Center

211 East 49th St

New York, NY 10017

(212) 319-5577

Publications Brickwork Design: quarterly. Conferences Dates to be determined. List of seminars, displays and exhibits available.

Competitions Awards program sponsored with the Masonry Council (see Masonry) Databases Members only.

Competitions

Louis Sullivan Award for Architecture (AIA with the International Union of Bricklayers and Allied Craftsmen). Deadline Jan.

Periodicals

Brick & Clay Record (Cahners Publishing, 1350 Touhy Ave, PO Box 5080, Des Plaines, IL 60018): monthly.

Books

An Introduction to Load-Bearing Brickwork Design, Arnold W. Hendry. Wiley, 1981.

Design Graphs for Brick/Block Double Skin Panel Walls, Christopher Bryan Wilby. Wiley, 1981.

Recommended Practice for Engineered Brick Masonry, James G. Gross and others. Brick Institute of America, 1969.

Structural Brickwork, Arnold Hendry. Wiley, 1981.

Magazine Articles

"Brick Basics," Architectural Technology, Fall 1985.

"Cracks in Brickwork," Construction Specifier, Aug 1986.

Coatings

Associations

Association of Industrial Metallizers, Coaters and Laminators

61 Blue Ridge Rd

Wilton, CT 06897

(203) 762-5611

Publications AIMCAL News: quarterly, members and trade press only.

Conferences Mar 6-11 Marco Island, FL; June 10-11, Washington, DC; Oct 14-16, Absecon, NJ.

Federation of Societies for Coating Technology

1315 Walnut St, Suite 832

Philadelphia, PA 19107

(215) 545-1506

Publications Journal of Coatings Technology: monthly.

Conferences Annual Meeting and Paint Show, Oct 5-7, Dallas.

National Association of Corrosion Engineers

PO Box 218340

Houston, TX 77218

(713) 492-0535

Publications Materials Performance: monthly.

Conferences Mar 9-13, San Francisco.

National Paint and Coatings Association

1500 Rhode Island Ave, NW

Washington, DC 20006

(202) 462-6272

Publications Coatings: monthly, members only. List available.

Conferences Oct 26-28, Washington, DC.

Periodicals

American Paint and Coatings Journal (2911 Washington Ave, St. Louis, MO 63103): weekly.

Journal of Protective Coatings and Linings (24 South 18th St, Pittsburgh, PA 15203): monthly.

Modern Paint and Coatings (Communications Channels, Inc, 6255 Barfield Rd, Atlanta, GA 30328): monthly.

Books

Applications Manual for Paint and Protective Coatings, W.F. Gross. McGraw-Hill.

Architectural Specifications Manual. Washington State Council of the Painting and Design Contractors of America.

Formulation of Organic Coatings, G.N. Danziger. Van Nostrand Reinhold.

Organic Coatings, Property Selection and Use, A.G. Roberts. National Bureau of Standards, 1968.

Organic Coating Technology, H.F. Payne. Wiley.

Paints and Coatings Handbook, A. Banov. Structures Publishing Co, 1973.

Databases

World Surface Coatings Abstracts (Infoline).

CA Search (DIALOG).

Glass

Associations

American Architectural Manufacturers Association

2700 River Rd

Des Plaines, IL 60018

(312) 699-7310

Publications AAMA Quarterly Review. Newsletter: quarterly, members only.

Conferences Mar 8-12, Miami. Sept 27-Oct 1, Palm Springs, CA.

Flat Glass Marketing Association

3310 Harrison St

Topeka, KS 66611

(913) 266-7013

Publications Glazing manual. Sealant manual.

Conferences Glass Week '87 (see below).

Glass Research & Testing Laboratory

Texas Tech University

PO Box 4089

Lubbock, TX 79409-4089

(806) 742-3476

Publications List available.

Glass Tempering Association

3310 Harrison St

Topeka, KS 66611

(913) 266-7064

PHILADELPHIA

Hotels: Four Seasons;

Warwick. Restau-

rants: Deja Vu;

Harry's Bar & Grill;

Le Bec Fin.*

Publications Technical brochure pered glass. Engineering Stand-ual.

Conferences Glass Week '87 (see below).

Laminators Safety Glass Association

3310 Harrison St

Topeka, KS 66611

(913) 266-7013

Publications Technical brochure ards manual.

Conferences Glass Week '87 (see below).

National Glass Dealers Association

8200 Greensboro Dr, Suite 30

McLean, VA 22102

(703) 442-4890

Publications Glass Magazine: monthly.

Conferences Mar 17-21, Las Vegas.

Competitions Design Award.

Sealed Insulating Glass Association

1111 East Wacker Dr

Chicago, IL 60601

(312) 644-6610

Publications SIGMA-GRAM, 3-5/year. Technical library reports.

Conferences Mar 8-11, Scottsdale, AZ; Aug 16-19, Bloomingdale, IL.

PHILADELPHIA

Sights: Richards Med-

ical Research Center;

City Hall; Philadel-

phia Museum of Art;

Philadelphia Savings

Fund Society; Penn-

sylvania Academy of

Fine Arts.*

*Based on architect survey (see page 61)

Best city in North America for buildings: 1. New York; 2. Chicago. For planning: 1. Washington; 2. Toronto; 3. Boston, Vancouver. Most inspiring city abroad: 1. Paris; 2. Florence, Kyoto, Rome, Venice.*

Stained Glass Association of America

1125 Wilmington Ave
St. Louis, MO 63111
(314) 353-5128

Publications Stained Glass: quarterly.
Competitions International Competition and Exhibition of Stained Glass, deadline Mar 1 (contact Richard Bohm (918) 664-8604).

Conferences

Glass Week '87, Feb 8-12, Scottsdale, AZ. Sponsored by Flat Glass Marketing Association, Glass Tempering Association and Laminated Safety Glass Association.

Periodicals

Architect's Guide to Glass, Metal and Glazing. U.S. Glass Publications: annual. Building Design & Construction, annual March issue.

Glass Digest (Ashlee Publishing Co, 310 Madison Ave, New York, NY 10017): monthly.

Glass Factory Directory, National Glass Budget, Box 7138, Pittsburgh, PA 15213: annual.

International Glass Metal Catalog (Ashlee Publishing, 310 Madison Ave, New York, NY 10017): annual.

U.S. Glass, Metal and Glazing (U.S. Glass Publications, 2701 Union Ave, Suite 410, Memphis, TN 38112): 9/yr.

Books

Design with Glass, John Peter. Reinhold Publishing, 1964.

Glass Construction, Mary Vance, Vance Bibliographies #A695, 1982.

Glass Engineering Handbook, George McLellan and E.B. Shand. McGraw-Hill, 1980.

Glass in Architecture and Decoration, H.E. Beckett. Architectural Press, 1961.

Today's Architectural Mirror, Pamela Hayes. Van Nostrand Reinhold, 1980.

Translucent Architecture: Recent Trends in Glass Construction, Carole Cable. Vance Bibliographies #A892, 1983.

Window Glass Design Practices: A Review. American Society of Civil Engineers, 1981.

Magazine Articles

"Practicality with Pizazz—Glass Block is Back," Architectural Technology, Fall 1984.

"Thin Sheets of Air," P/A, June 1985.

Audiovisual

"New Glass Products," (recordings of 1986 CSI Convention) Audio Cassette Services, Inc, Metairie, LA.

Insulation

Associations

Asbestos Information Association of North America

1745 Jefferson-Davis Highway
Arlington, VA 22202
(703) 979-1150

Publications News & Notes: monthly.
Conferences Sept 15-16, Arlington, VA.

Asbestos Information Center

Tufts University
Graves House
Medford, MA 02155
(617) 381-3531

Publications Newsletter: 3-4/yr.

Infraspection Institute

Box 33, Juniper Ridge
Shelburne, VT 05482
(802) 985-2500

Publications The Infraspection Institute Newsletter: monthly.

National Insulation Contractors Association, Inc.

1025 Vermont Ave, Suite 410
Washington, DC 20005
(202) 783-6277

Publications Insulation Outlook: monthly.
Insulator Newsletter: monthly, members only.

Conferences Apr 5-8, Marco Island, FL.

Periodicals

Contractor's Guide (Century Communications, 5520-G Touhy Ave, Skokie, IL 60077): monthly.

Insulation Guide (Guide Publications, Box 8265, Greensboro NC 27419-8265): 8/yr, Directory and Specifiers Guide.

Roofing, Siding, Insulation (One East First St, Duluth, MN 55802): monthly.

Books

Design Guide for Insulated Buildings. Owens-Corning Fiberglas, 1981.

Find and Fix the Leaks: A Guide to Air Infiltration Reduction and Indoor Air Quality Control. Lawrence Berkeley Laboratory and U.S. Dept of Energy, 1980.

Handbook of Thermal Insulation Applications. D.E. Croy and D.A. Dougherty. Noyes Publications, 1984.

Insulating Materials and Insulation, Mary Vance. Vance Bibliographies #A1543, Feb 1986.

Proceedings of International Air Tightness Conference. Princeton University Center for Environmental Studies, 1981.

The Superinsulated House Book, J.D. Ned Nisson and Gautam Dutt. Wiley.

Thermal Comfort, P.O. Fanger. McGraw-Hill, 1973.

Magazine Articles

"Asbestos Abatement," Architectural Technology, Spring 1985.

"Bundling up," P/A, Apr 1985.

Metal Curtain Walls

Associations

Aluminum Association

818 Connecticut Ave NW
Washington, DC 20006
(202) 862-5100

Publications The Aluminum Report: monthly, members only. The Aluminum Situation: monthly. List available.

Competitions Student Awards for Technical Design (contact the AA).

American Architectural Manufacturers Association

2700 River Rd, Suite 118
Des Plaines, IL 60018
(312) 699-7310
(see Glass)

American Society of Metals

Metals Park, OH 44073
(216) 338-5151

Publications Advanced Materials & Processes/Incorporating Metal Progress: monthly.

Conferences Materials Congress, Oct 10-16, Cincinnati, OH.

Metal Lath/Steel Framing Association

211 North LaSalle St
Chicago, IL 60601
(312) 346-1600

Publications Newsletter, members only. Technical publications.

National Association of Architectural Metal Manufacturers

600 South Federal St, Suite 400
Chicago, IL 60605
(312) 346-1600

Publications Metal Gram: monthly, members only.

Conferences Apr 5-9, Lake Tahoe.

Competitions R.S. Reynolds Memorial Aluminum in Architecture (contact AIA or Reynolds Aluminum).

Periodicals

Metal Architecture (6246 North Pulaski Rd, Chicago, IL 60646): quarterly.

Metals in Construction (Iron and Steel Promotion Fund of New York, 211 East 43rd St, New York, NY 10017): semi-annual.

Books

Aluminum Curtain Wall Design Manual. American Architectural Manufacturers Association, 1979.

Curtain Wall Construction, Konrad Gatz, ed. Irvington, 1965.

Design Wind Loads for Buildings and Boundary Layer Wind Tunnel Testing, Aluminum Curtain Wall Series. American Architectural Manufacturers Association, 1984.

Wall Systems: Analysis by Detail, Herman Sands. McGraw-Hill, 1986.

Magazine Articles

"Curtain Wall Connections," Architectural Technology, May/June 1986.

"Exterior Wall Testing," P/A, Mar 1983.

Plastics

Associations

Plastics Institute of America

Stevens Institute of Technology
Castle Point Station
Hoboken, NJ 07030
(201) 420-5553

Publications Catalog of Polymer Sciences and Engineering: bimonthly. Periodic newsletters and special reports.

Conferences Apr 16, New York. List of seminars and meetings available.

Society of Plastics Engineers

14 Fairfield Dr
Brookfield Center, CT 06805
(203) 775-0471

Publications Plastics Engineering: monthly. Journal of Vinyl Technology: quarterly.

Polymer Engineering & Science: 22/yr. Polymer Composites: 6/yr.

Conferences Annual Technical Conference, May 4-7, Los Angeles.

Competitions Unique and Useful Plastic Product Awards Program, Consumer and Industrial categories, deadline Dec 1.

Society of Plastics Industry

National Office:
1025 Connecticut Ave NW, Suite 409
Washington, DC 20036
(202) 822-6700

Information Services:
355 Lexington Ave
New York, NY 10017
(212) 503-0617

Publications Plastics News Brief: monthly. State Reporter: biweekly. Washington Memo: biweekly.

Periodicals

Canadian Plastics (Southam Communications Ltd, 1450 Don Mills Rd, Don Mills, ONT M3B 2X7 Canada): 10/yr plus Annual Directory and Buyer's Guide.

Modern Plastics (McGraw-Hill, PO Box 1488, Riverton, NJ 08077): monthly. Includes Modern Plastics Encyclopedia and Guide to Plastics (with domestic subscriptions).

Plastics in Building Construction (Technomic Publishing Co, 851 New Holland Ave, Box 3535, Lancaster, PA 17604): monthly.

Books

Plastics for Architects & Engineers, Albert G.H. Dietz. MIT Press.

Plastics in Architecture: A Guide to Acrylic and Polycarbonate by Ralph Montella. Marcel Dekker, 1985.

Plastics: A Bibliographic Overview of Plastic in Building Materials, Plastic Strength, Aging, Failure and Fire Resistance, Coppa & Avery Consultants. Vance Bibliographies, 1986.

Plastics in Building, I. Skeist. Van Nostrand Reinhold.

Magazine Articles

"Buildings are a Booming Market for Plastics," Building Design & Construction, June 1986.

Databases

RAPRA Abstracts (Infoline).

Roofing

Associations

Asphalt Institute

Asphalt Institute Bldg
College Park, MD 20740
(301) 277-4258

Publications Asphalt: quarterly.

Asphalt Roofing Manufacturers Association

6288 Montrose Rd
Rockville, MD 20852
(301) 231-9050

Publications List available. (contact Sumner Ryder Associates, 535 Lexington Ave, New York, NY 10017).

Conference Second Annual National Roofing Week, May 2-10 [Contact Sumner Ryder Associates].

National Roofing Contractors Association

One O'Hare Center
6250 River Rd
Rosemont, IL 60018
(312) 693-0700

Publications Roofing Spec: monthly. Roofing '86: annual. NRCA Roofing and Waterproofing Manual. Commercial, Industrial and Institutional Roofing Materials Guide: semi-annual.

Conferences 100th Annual Convention and Exhibition, Feb 22-25, San Francisco.

Competitions Design the Roof of the Future, deadline Jan 31 (in conjunction with AIA Students chapter).

National Roof Deck Contractors Association

600 South Federal St, Suite 400
Chicago, IL 60605
(312) 346-1600

Conferences Jan 21-25, Naples, FL.

Roofing Council of the Rubber Manufacturers Association

1400 K St NW
Washington, DC 20005
(202) 682-1338

For information contact, Gibbs & Soell, 126 East 38th St, New York, NY 10016.

Roofing Industry Educational Institute

70006 South Fulton Way
Englewood, CO 80112-2003
(303) 770-0613

Publications Information Letter: quarterly. Catalog of publications and audiovisual materials available.

Conferences Seminars year-round. Competitions Limited scholarships to attend seminars available in conjunction with the NRCA.

PHOENIX Hotels: Arizona Biltmore;

Camelback Inn;

Paradise Valley Resort; Marriott's

Mountain Shadows;

The Pointe at Tapatio

Cliffs. Restaurants: El

Chorro, Paradise Valley; Etienne's Different

Pointe of View;

Orangerie, Biltmore;

Pinnacle Peak.*

Single Ply Roofing Institute

104 Wilmont Rd, Suite 201
Deerfield, IL 60015-5195
(312) 940-8800

Conferences Jan 25-28, San Diego, CA.

Periodicals

Exteriors (Harcourt, Brace & Jovanovich Publications, 1 East First Street, Duluth, MN 55802).

R.S.I./Roofing, Siding, Insulation (1 East First St, Duluth, MN 55802): monthly.

Books

Commercial, Industrial and Institution Roofing Materials Guide, NRCA.

Commercial Roofing Systems, John A. Watson. Reston Publishing Co, 1984.

Guidelines for Using EPS Insulation for Built-up and Single-ply Roof Systems National Roofing Contractors Association.

Handbook of Single-Ply Roofing Systems, Roofing, Siding Insulation Magazine.

Manual of Built-up Roof Systems, Charles William Griffin. McGraw-Hill, 1982.

Roofing Concepts/Principles: A Practical Approach to Roofing, Paul Tente Associates. 1980.

Roofs and Roofing, Mary Vance. Vance Bibliographies #A1502, 1985.

Magazine Articles

"Designer Roofs: Changes in the Selection, Design and Application of Commercial Roofing," P/A, July 1986.

"Radical Roofing," P/A, Aug 1983.

"Roofs that Work: When Everybody Observes the Rules," Architectural Record, July 1983.

"Rudiments of Roofing," Architectural Technology, Spring 1985.

Audiovisual

"Selecting a Roofing System," video recording of 1985 Construction Specifications Institute Convention. Audio Cassette Services, Inc., Metairie, LA.

Waterproofing

Associations

International Waterproofing Association

Avenue Grand-Champs 148
B-1150 Brussels, Belgium 704172
Telex 21449 ADEB-B

Sealant and Waterproofers Institute

3101 Broadway, Suite 300
Kansas City, MO 64111
(816) 561-8230

Publications The Applicator: quarterly.
Conferences Feb. 22-26, St. Petersburg, FL.

Books

Construction Sealants and Adhesives, Julian R. Panek. Wiley, 1984.

Dampness in Buildings, Mary Vance. Vance Bibliographies, #A1591, 1986.

Earth Sheltered Residential Design Manual, Raymond Sterling, William Farnan, and John Carnody. Van Nostrand Reinhold, New York, 1982.

Sealants and Waterproofing Systems for Building Construction, George W. Snider. Tremco Inc, 1978.

Underground Waterproofing, Brent Anderson. Webco Publishing Co, 1983.

Magazine Articles

"Survey of Waterproofing Problems and Solutions," P/A, Feb 1981.

"Theories and Examples of Diagnostics Practice; Case Studies, Masonry Walls, Terra Cotta, Sealants; Tests," Architectural Technology, Winter 1985.

"The Watery Underworld," P/A, Oct 1985.

Audiovisual

"Waterproofing Below-Grade Foundations and Suspended Structural Decks," John D. Van Wagoner. (Audio Cassette Services, Metairie, LA).

"Trends in Glazing Sealant Systems," Robert Dugger. Cassette recording of CSI Convention Programs.

Codes

(See also Material Standards)

Associations

American Insurance Service Group

85 John St
New York, NY 10038
(212) 669-0472

Publications National Building Code

Building Officials and Code Administrators

4051 West Flossmoor Rd
Country Club Hills, IL 60477-5795
(312) 799-2300

Publications Basic Building Code. BOCA: bimonthly.

Conferences June 21-26, Alexandria, Va.

Council of American Building Officials

5203 Leesburg Pike
Falls Church, VA 22041
(703) 931-4533

International Conference of Building Officials

5360 South Workmen Mill Rd
Whittier, CA 90611
(213) 699-0541

Publications Uniform Building Code. Building Standards (International Conference of Building Officials): bimonthly.

Conference Annual Education and Code Development, Sept 20-25, Kansas City, Mo.

National Conference of State Building Codes and Standards

481 Carlisle Dr
Herndon, VA 22070
(703) 437-0100

Publications NCSBCS News: quarterly. Biennial Directory of Big City Building Codes and Regulations, 1984.

Conferences Dates not determined.

Southern Building Code Congress International

900 Montclair Rd
Birmingham, AL 35213
(205) 591-1853

Publications Southern Building Code.

Favorite software packages for project management: Alpan; GDS/McDonnell Douglas; Harper & Shuman; Sigma Design; Symphony; Visicalc.*

Southern Building: bimonthly.

Conferences Oct 25-29, Memphis.

Books

ASTM Standards in Building Codes, 1985.

Construction Regulations Glossary: a Reference Manual, J. Stewart Stein. Wiley.

Design Guide to the 1985 Uniform Building Code, American Consulting Engineers Council.

Directory and Compilation of Technical and Administrative Requirements in Energy Codes for New Building Construction within the U.S. National Conference of State Building Codes and State Technical Services Division, 1985.

Directory of State Building Codes and Regulations, Conference of State Building Codes and Standards, 1985.

List of Building Codes and Standards Publications, AIA Building Performance and Regulations Program, 1985.

National Electrical Code Handbook, Joseph F. McPartland. McGraw-Hill.

National Plumbing Code Handbook, Vincent T. Manas, ed. McGraw-Hill.

Magazine Articles

"Architects' Participation in Developing Codes," Architectural Technology, Summer 1985.

"Building Codes in Rehab Projects," Building Design and Construction, Aug 1986.

"Earthquake Codes," Architectural Technology, Spring 1984.

"Fire Breaks," P/A, Nov 1986.

Databases

Codesearch (Louisiana Institute of Building Sciences, Baton Rouge, LA).

Interior Components

Ceilings

(See also Interior Design)

Associations

Association of Wall and Ceiling Industries International

25 K St NE, Suite 300
Washington, DC 20002
(202) 783-2924

Publications Asbestos Abatement: bi-monthly. Construction Dimension: monthly. Newsletter: members only.

Conferences Asbestos Abatement World Congress, Jan 7-11, Washington, DC. Annual convention, Mar 4-8, New Orleans.

Ceilings and Interior Systems Construction Association

104 Wilmont Rd, Suite 201
Deerfield, IL 60015-5195
(312) 940-8800

Publications Interior Construction: bi-monthly.

Conferences Apr 4-9, New Orleans.

Gypsum Association

1603 Orrington Ave
Evanston, IL 60201
(312) 491-1744

Publications Newsletter and Safety Bulletins: quarterly. List of technical publications available.

International Institute for Lath & Plaster

25332 Narbonne Ave, #170
Lomita, CA 90717
(213) 539-6080

Metal Lath/Steel Framing Association

600 South Federal St, Suite 400
Chicago, IL 60605
(312) 346-1600

Periodicals (see Steel)

Walls & Ceilings, (14006 Ventura Blvd, Sherman Oaks, CA 91423): monthly.

Books

Ceilings: A Bibliography, Donald H. Dyal. Vance Bibliographies #A1134, 1984.

PHOENIX Sights: Arcosanti, Cordes Junction; Arizona Biltmore; ASU Gammage Auditorium; Cosanti Workshop and House, Scottsdale; Heritage Square; Taliesin West, Scottsdale.*

"What's Up in Ceilings," Buildings, Oct 1985.

Doors & Hardware

Associations

American Hardware Manufacturers Association

931 North Plum Grove Rd
Schaumburg, IL 60173-4796
(312) 885-1025

Publications The Eagle: monthly, members only.

Conferences National Hardware Show, Aug 9-12, Chicago.

Competitions Packaging Award.

Architectural Aluminum Manufacturers Association

2700 River Rd, Suite 118
Des Plaines, IL 60018
(312) 699-7310 (see Metals)

Associated Locksmiths of America

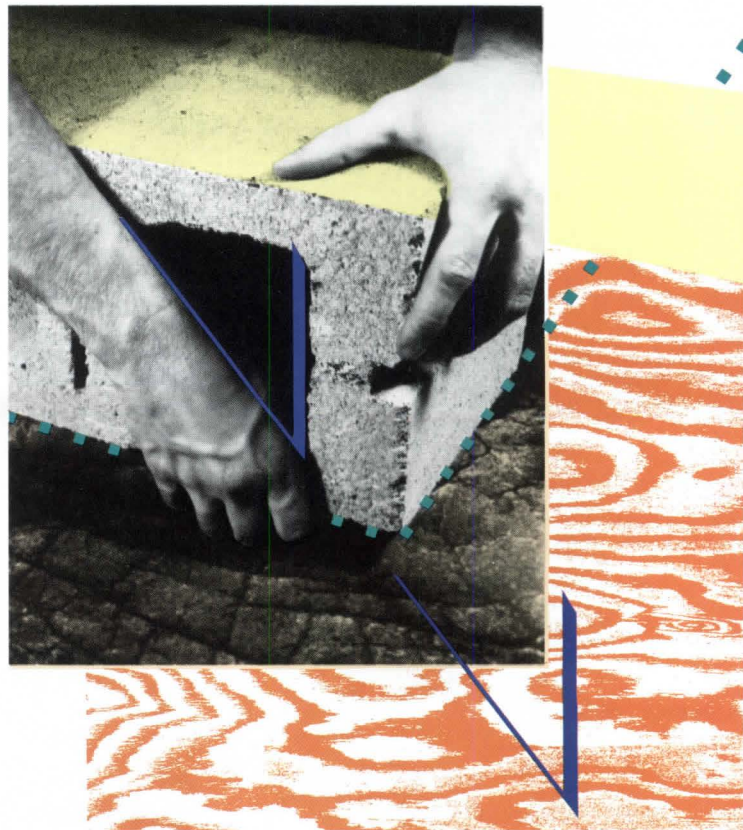
3003 Live Oak St
Dallas, TX 75204
(214) 827-1701

Publications Key Notes: monthly, members only.

Conferences Oct 25-29, Las Vegas.

Builders Hardware Manufacturers Association

60 East 42nd St, Room 511
New York, NY 10017
(212) 682-8142



* Based on architect survey (see page 61)



Publications American National Standards of Building Hardware.
Conferences April 8–10, Hershey, PA; Sept 30–Oct 2, Maui.

Competitions Adon Brown III Memorial Fund (new program contact BHMA).

Door and Hardware Institute

7711 Old Springhouse Rd
 McLean, VA 22102
 (703) 556-3990
Publications Doors and Hardware: monthly. List available.

Conferences Sept 27–29, Anaheim, CA.

National Association of Architectural Metal Manufacturers

(see Metal Curtain Walls).

600 South Federal St, Suite 400
 Chicago, IL 60605
 (312) 346-1600

National Sash and Door Jobbers Association

2300 East Divan Ave
 Des Plaines, IL 60018
 (312) 299-3400

Publications Newsletter: monthly, members only.

Conferences Oct 25–29, Las Vegas.

Steel Door Institute

712 Lakewood Center North
 14600 Detroit Ave
 Cleveland, OH 44107
 (216) 226-7700

Periodicals

Hardware Age (Chilton Company, Chilton Way, Radnor, PA 19089): monthly.
Locksmith Ledger (Nickerson & Collins Co, 850 Busse Highway, Park Ridge, IL 60068): monthly.

Ornamental/Miscellaneous Metal Fabricator (National Ornamental & Miscellaneous Metals Association, 2996 Grandview Ave NE, Suite 109, Atlanta, GA 30305): bimonthly.

Books

Architectural Hardware Specifications Handbook, Odon Brownell. Chilton Book Co, 1980.

Basic Architectural Hardware, Door and Hardware Institute, 1985.

Doors: Excellence in International Design, Gretl Hoffman. Watson-Guptill, 1975.

Doors, Windows and Skylights, Dan Ramsey. TAB Books, 1983.

Entrance/Doors, Sweets Catalog.

Fire Doors Where and When: for Interior Architectural Woodwork, 1982.

Floors and Doors, Barbara Wrenn. Van Nostrand Reinhold.

Handcrafted Doors and Windows, Amy Zaffarano. Rowland.

How to Replace and Install Doors and Windows, T. Jeff Williams. Ortho, 1984.

An International Bibliography of Doors and Doorways, Donald H. Dyal. ISBN 0-88066-161-5, 1982.

Public Entrance Doors, National Academy of Sciences Staff. National Academy Press, 1961.

Magazine Articles

"Doors and Entrances," *Buildings*, Jan 1986.

"Entrance Cues," *P/A*, Dec 1985.

"Select Steel Doors for Specific Applications," *Construction Specifier*, Jan 1983.

► Elevators / Escalators

Associations

American Society of Mechanical Engineers

345 East 47th St
 New York, NY 10017
 (212) 705-7722

(See Engineering).

National Association of Elevator Contractors

2964 Peachtree Rd NW, Suite 665
 Atlanta, GA 30305
 (404) 261-0166

Publications Mainline Newsletter: monthly, members only.

Conferences Oct 11–15, Orlando, FL.

National Elevator Industry, Inc

630 Third Ave
 New York, NY 10017
 (212) 986-1545

Publications NEII Newsletter: bimonthly, members only. List available.

Conferences May 17–21, Boca Raton, FL.

Periodicals

Elevator World (PO Box 6507, Mobile, AL 36606): monthly.

Books

ANSI/ASME A17.1 Safety Code for Elevators and Escalators, 1984.

Elevator Engineering Standard Layouts. National Elevator Industry, 1980.

Elevator Terms—An Illustrated Glossary. National Elevator Industry.

Elevators and Escalators in Architectural Design: A Bibliography, Mary Ellen Huls. Vance Bibliographies, 1985.

Going Up: An Informal History of the Elevator from the Pyramids to the Present. Otis Elevator, 1983.

Vertical and Horizontal Transportation in Tall Buildings Systems and Concepts. American Society of Civil Engineers, 1981.

Suggested Minimum Passenger Elevator Requirements for the Handicapped. National Elevator Industry, 1970.

"Transportation" chapter in *Mechanical & Electrical Equipment for Buildings*. Wiley, 1980.

Vertical Transportation: Elevators and Escalators, George R. Strakosh. Wiley, 1983.

Vertical Transportation Standards. National Elevator Industry.

Magazine Articles

"Ascending Rooms," *P/A*, Mar 1985.

"Elevator Control Systems Highlight Innovations," *Building Design and Construction*, Apr 1986.

► Fabrics

Associations

American Textile Manufacturers Institute

1101 Connecticut Ave NW, Suite 300
 Washington, DC 20036
 (202) 862-0552

Publications Textile Trends newsletter: weekly. Textile Highlights (economic report): quarterly.

Conferences Apr 9–11, New Orleans.

Chemical Fabrics and Film Association

1230 Keith Building
 Cleveland, OH 44115
 (216) 241-7333

Commercial Testing Co

1215 South Hamilton St
 Dalton, GA 30720
 (404) 278-3935

Factory Mutual Research Corp

1151 Boston-Providence Turnpike
 Norwood, MA 02062
 (617) 762-4300

(See Fire).

The Govmark Organization

PO Box 807
 Bellmore, NY 11710
 (516) 243-8944

Independent Testing Bureaus

Better Fabrics Testing Bureau

101 West 31 St
 New York, NY 10001
 (212) 868-7090

Southwest Research Group

6220 Culebra Rd
 San Antonio, TX 78238
 (512) 684-5111

Textile Museum

2320 S St NW
 Washington, DC 20008
 (202) 667-0441

Publications Textile Museum Journal: annual. Textile Museum Newsletter: quarterly.

U.S. Testing Co (East)

1415 Park Ave
 Hoboken, NJ 07030
 (201) 792-2400

U.S. Testing Co. (West)

5555 Telegraph Rd
 Los Angeles, CA 90040
 (213) 723-7181

Wool Bureau, Inc

240 Peachtree St NW
 Atlanta, GA 30303
 (404) 524-0512

Publications Pamphlets on use of wool in

home furnishings, upholstery, and apparel.

Periodicals

American Fabrics and Fashion Magazine (343 Lexington Ave, New York, NY 10016): bimonthly.

Books

The Art of Fabric: Mainstream, Mildred Constantine and Jack Lenor Larsen. Van Nostrand Reinhold, 1981.

Encyclopedia of Textiles. American Fabrics Magazine. Prentice-Hall, 1972.

Fabric Almanac, Marvin Klapper, ed. Fairchild Publications, 1971.

Fabrics for Interiors, Jack Lenor Larsen and Jeanne Weeks. Van Nostrand Reinhold, 1975.

The Fundamentals of Textiles, William Schachter, 1979.

The Illustrated Dictionary of Fabrics, Martin Hardingham. MacMillan, 1978.

Introduction to Fibers and Fabrics, E. Kornreich. Heywood Books, 1966.

The Primary Structure of Fabrics, Irene Emery. Textile Museum, 1980.

The Standard Handbook of Textiles, A.J. Hall. Newnes-Butterworths, 1977.

Textiles: Fiber to Fabric, Bernard Corbman. McGraw-Hill, 1975.

Watson's Textile Design and Color, Z. Grosicki. Butterworths, 1975.

Magazine Articles

"The Issue of Fire," *P/A*, Sept 1984.

"Six Important Factors in Contract Textiles Today," *Interiors*, July 1984.

Databases

Textile Technology Digest (DIALOG).
 World Textiles (DIALOG, INFOLINE).

► Flooring

Associations

Carpet Cushion Council

PO Box 465
 Southfield, MI 48037
 (313) 356-6656

Carpet & Rug Institute

PO Box 2048
 Dalton, GA 30722
 (404) 278-3176

Publications Newsletter, members only. List available.

Conferences Nov 4–8, Naples, FL; Carpet Market Jan 10–15, Dallas; CONDES-

Contract Market, regional dates and locations; Calicon-Contract Market, regional dates and locations (contact CRI).

Databases List of manufacturers.

Italian Tile Association

Donato Grosser, U.S. Representative
 305 Madison Ave, Suite 3120
 New York, NY 10165
 (212) 286-0981

Conferences Oct 5–9, Cersaie, Bologna, Italy.

Italian Tile Center

Italian Trade Commission
 499 Park Ave
 New York, NY 10022
 (212) 980-1500

Publications Tile News: quarterly.

Designer's Guide to Italian Ceramic Tiles and Their Installation.

Conferences Design Installation Seminars, Jan 27, Phoenix; Feb 14, Dallas.

Databases Tile locating service.

Maple Floor Covering Manufacturers Association

60 Revere Dr, Suite 500
 Northbrook, IL 60062
 (312) 480-9080

Publications The Mainstream: bimonthly, members only. List available.

Conferences Mar 1–4, New Orleans.

National Association of Floor Covering Distributors

B-126 Merchandise Mart
 Chicago, IL 60654
 (312) 467-0116

Publications News & Views: monthly, members only. Statistical reports.

Best foreign architect: 1. James Stirling; 2. Arthur Erickson; 3. Luis Barragán; Norman Foster.*

Conferences May 9-13, Orlando, FL.

National Oak Flooring Manufacturers Association

804 Sterick Bldg
Memphis, TN 38103
(901) 526-5016

Publications List available.

Conferences Hardwood Flooring Insulation Class, Mar 30-Apr 3, Memphis; conference dates not determined.

National Terrazzo & Mosaic Association

3166 Des Plaines Ave, Suite 132
Des Plaines, IL 60018
(312) 635-7744

Publications Products Catalog.

Conferences Mar 15-20 New Orleans, members only. Technical Seminar, dates not determined.

Resilient Floor Covering Institute

966 Hungerford Dr, Suite 12B
Rockville, MD 20850
(301) 340-8580

Resilient Flooring and Carpet Association

7700 Edgewater Dr, Suite 832
Oakland, CA 94621
(415) 568-8373

Conferences Dates not determined.

Textile Museum

2320 S St, NW
Washington, DC 20008
(202) 667-0441
(see Textiles)

Tile Council of America

PO Box 326
Princeton, NJ 08542
(609) 921-7050
Conferences Oct 11-15, Bermuda.

Carpet Specifier's Handbook. Carpet and Rug Institute, 1980.

Contract Carpeting. Lila Shoskes. Whitney Library of Design, 1974.

Floors and Floor Coverings: A Bibliography. Edward H. Teague. Vance Bibliographies #A1448, 1985.

Floors: Selection and Maintenance. Bernard Berkey.

Values Through Technology: Carpet Construction and Textiles. Carpet and Rug Institute.

Values Through Technology: Carpet Fibers and Rug Processing. Carpet and Rug Institute.

Values Through Technology: Dyeing and Finishing. Carpet and Rug Institute.

Magazine Articles

"Accommodating the Wire Needs of the Electronic Office," Building Design and Construction, Nov 1985.

"Carpeting: A Complex Spec," Construction Specifier, Oct 1985.

"Electrifying Floors," P/A, Feb 1986.

"A Move Afoot," P/A, Dec 1978.

"Raised Floors: Super-flexible and Increasingly Cost-efficient," Architectural Record, May 1984.

"Resilient Bounces Back," P/A, Mar 1979.

"A Tour de Floors," P/A, Nov 1978.

Furniture

(See also Interior Design)

Associations

American Society of Furniture Designers

347 South Main St
PO Box 2688
High Point, NC 27261
(919) 884-4074

Publications Designer Forum: quarterly.

Concerning Us: monthly, members only.

Conferences June, Chicago (following NEOCON).

Competitions Distinguished Designer Award, by nomination.

Business and Institutional Furniture Manufacturers Association

2335 Burton St, SE
Grand Rapids, MI 49506
(616) 243-1681

(see Offices/Office Equipment)

Contract Furnishings Council

1190 Merchandise Mart
Chicago, IL 60654
(312) 321-0563

Publications Council Letters: quarterly, members only.

Conferences Dates not determined.

FORMA, Center for Italian Furniture and Decorative Accessories

PO Box 56689
Atlanta, GA 30343
(404) 523-3451

Publications Information: quarterly. Calendar of Italian Furniture Fairs: annual.

Furniture Library Association

1009 North Main St
High Point, NC 27262
(919) 883-4011
Publications List available.

Resources Council, Inc

979 3rd Ave
New York, NY 10022
(212) 752-9040

Conferences Design New York, dates not determined.

Competitions Roscoe Awards (contact Resources Council at (212) 532-2726).

Competitions

P/A International Furniture Competition, Deadline Jan 9.

Conferences

International Furniture Fair, Jan 13-18, Cologne, West Germany (contact (212) 974-8830).

Milan Furniture Fair, Sept 16-21, Milan, Italy (contact (201) 534-9044).

Paris International Furniture Exhibition, Jan 8-12 Paris, France (contact International Trade Exhibitions in France, New York).

Scandinavian Furniture Fair, May 6-10, Copenhagen (contact Gura Public Relations, New York).

82% of those surveyed found awards programs worth entering; but only 55% found design competitions for commissions worthwhile.*

Periodicals

Abitare (Editrice Segesta S.p.A., Corso Monforte 15, 20122 Milan, Italy): monthly.

Canada Furniture Magazine (Victor Publishing, 7777 Keele St, Unit 8, Concorde, ONT L4K 1Y7): bimonthly.

Domus (Editoriale Domus, via Grandi 5/7, 20089 Rozzano, Italy): monthly.

Furniture Design & Manufacturing (Delta Communications, Inc, 400 North Michigan Ave, Suite 1210, Chicago, IL 60611): monthly.

Furniture World (530 Fifth Ave, Pelham, NY 10803): 13/yr.

Ottagono (via Melzi d'Eril 26, 20154 Milan, Italy): quarterly.

Books

A Century of Chair Design. Frank Russell and others. Rizzoli, 1980.

A History of Modern Furniture. Karl Mang. Abrams, 1979.

Complete Guide to Furniture Styles. Ade Louise Boger. Scribners, 1969.

Encyclopedia of Furniture. Joseph Aronson. Crown, 1980.

Ergonomics of Workstation Design. Tarald O. Kvalseth. Butterworth, 1983.

Furniture: A Concise History. Edward Lucie-Smith. Oxford University Press, 1979.

Furniture Designed by Architects. Marian Page. Whitney Library of Design, 1980.

Human Factors Design Handbook: Information and Guidelines for the Design of Modern Furniture. John F. Pile. Wiley, 1979.

Systems, Facilities, Equipment, and Products for Human Use. Wesley E. Woodson. McGraw-Hill, 1981.

Twentieth Century Furniture. Philippe Garner. Van Nostrand Reinhold, 1980.

Magazine Articles

"Minding Your VDU's," P/A, May 1984.

"International Furniture Competition Awards," P/A, May issues.

"Drawing the Line: Roundtable on Furniture Design," Architectural Record, July 1986.

Heating, Ventilating & Air-Conditioning

Associations

Air Conditioning Contractors of America

1228 17th St NW
Washington, DC 20036
(202) 296-7610

Publications ACCA News: monthly, members only.

Conferences Mar 4-7, Miami.

Air Conditioning and Refrigeration Institute

1501 Wilson Blvd
Arlington, VA 22209
(703) 524-8800

Publications Cold Facts: monthly, members only.

Conferences Nov 8-12, Phoenix.

Databases Available through Nexus and DIALOG, members only.

Air Diffusion Council

435 North Michigan Ave
Chicago, IL 60611
(312) 372-9800

Conferences Engineering Committee meeting in conjunction with the ARI, Jan 8-9, Clearwater, FL.

Air Movement and Control Association

30 West University Dr
Arlington Heights, IL 60004
(312) 394-0150

Publications List available.

Conferences Apr 21-22, Chicago. Nov 1-4, Palm Springs, CA.

American Gas Association

1515 Wilson Blvd
Arlington, VA 22209
(703) 841-8400

Publications AGA Magazine: monthly, members only. President's Friday: weekly, members only.

Conferences Oct 20-23, Seattle, WA.

American Society of Heating, Refrigerating and Air Conditioning Engineers

1791 Tullie Circle NE
Atlanta, GA 30329
(404) 636-8400

American Society of Mechanical Engineers

345 East 47th St
New York, NY 10017
(212) 644-7722

(see Engineering)

Cooling Tower Institute

19627 Highway 45, Suite 230
North Spring, TX 77388
(713) 350-1995

Publications CTI News: quarterly. Journal of Cooling Tower Institute: semiannual.

Conferences Feb 25-27, New Orleans; July 6-7, Baltimore.

Edison Electric Institute

111 19th St NW
Washington, DC 20036
(202) 828-7400

Publications Electric Perspectives: quarterly. Rate and Regulation Review: weekly.

Statistical Report: quarterly. Other publications available.

Conferences June 8-10, Cincinnati.

Database UNICOM.

Institute of Heating and Air Conditioning Industries

606 North Larchmont Blvd
Los Angeles, CA 90004
(213) 467-1158

Publications Indoor Comfort News: monthly.

Conferences Dates not determined.

(see Plumbing)

Plumbing Heating Cooling Information Bureau

35 East Wacker Dr
Chicago, IL 60601
(312) 372-7331

(see Plumbing)

Conferences

Symposium of Design and Protocol for Monitoring Indoor Air Quality Apr 26-May 1 (contact GEOMET Technologies, Germantown, MD).

Periodicals

Air Conditioning, Heating and Refrigeration News (Business News Publishing Co, PO Box 2600, Troy, MI 48007): weekly.

Contracting Business (Penton Publishing Inc, 1100 Superior Ave, Cleveland, OH 44114): monthly.

Domestic Engineering (Construction Industry Press, 135 Addison Ave, Elmhurst, IL 60126): monthly.

Electrical Apparatus (Barks Publications Inc, 400 North Michigan Ave, Chicago, IL 60611): bimonthly.

Energy Engineering (Fairmont Press, P.O. Box 14227, Atlanta, GA 30324): bimonthly.

Engineered Systems (Business News Pub-

PITTSBURGH Hotels:

Hyatt at Chatham

Center; Westin Wil-

liam Penn; Vista In-

ternational. Restau-

rants: La Normande;

Shiloh Inn; Tambel-

lini.*

PITTSBURGH Sights:

Allegheny County

Courthouse and Jail;

Carnegie Institute; U.

of Pittsburgh; Cathe-

dral of Learning;

Fallingwater; PPG

Place.*

Wood and Synthetic Flooring Institute

4415 West Harrison St, Suite 242C
Hillsdale, IL 60162
(312) 449-2933

Competitions Edward Fields, Inc/ASID Wool Rug Design Competition, deadline Mar 1 (contact 232 East 59th St, New York, NY 10022). Kentucky Wood Floor Competition (contact American Society of Interior Designers).

Conferences World Exposition of Ceramic Tile and Bathroom Furnishings, May 6-8, Los Angeles (Contact Cahners Expositions, Stamford, CT 06905).

Periodicals

Carpet and Rug Industry (Rodman Publications, Inc, Box 555, 266 Lake St, Ramsey, NJ 07446): monthly.

Cross Talk, newsletter of Cross Index of Commercial Carpets (contact Contract Carpet Research, PO Box 2556, Setauket, NY 11733): 10/yr.

Floor Covering News (MacLean-Hunter, Ltd, 777 Bay St, Toronto ONT M5W 1A7, Canada): 10/yr.

Floor Covering Weekly (Hearst Business Communications, PO Box 6052, New York, NY 10150): weekly.

HALL: International Journal of Oriental Carpets and Textiles (PO Box 4312, Philadelphia, PA 19118): quarterly.

Oriental Rug (Oriental Rug Importers Association of America, 265 Fifth Ave, New York, NY 10016): quarterly.

Books

Book of Carpets. Reinhard G. Hubel. Textile Museum.

*Based on architect survey

(see page 61)

lishing, PO Box 2600, Troy, MI 48007): bimonthly.
 Environment Systems and Industries (Wadham Publications, 109 Vanderhoof Ave, Suite 101, Toronto, ONT M4G 2J2, Canada): monthly.
 Heating, Piping and Air Conditioning (Penton Publishing, 1100 Superior Ave, Cleveland, OH 44114): monthly.
 Heating, Plumbing, Air Conditioning (Southam Communications, 1450 Don Mills Rd, Don Mills, ONT M3B 2X7, Canada): 10/year.
 Refrigeration (John W. Yopp Publications, 770 Spring St NW, Atlanta, GA 30308): monthly.

Books
Air Conditioning: Monographs, Mary Vance. ISBN: 0-89028-860-7, 1986.
American Society of Heating, Refrigeration and Air-Conditioning Engineers Cooling and Heating Load Calculation Manual, ASHRAE. Dept of Housing and Urban Development, Atlanta, 1984.
The Architecture of the Well Tempered Environment, Reyner Banham. University of Chicago Press, 1984.
Control Systems for Heating, Ventilating and Air Conditioning, Roger W. Haines. Van Nostrand Reinhold, 1983.
Environmental Systems, Henry J. Cowan. Van Nostrand Reinhold, 1983.
Indoor Air Quality and Human Health, Isaac Turiel. Stanford University Press, 1985.
Mechanical and Electrical Systems in Building, Frank R. Dagostino. Reston Publishing, 1982.
Mechanical Equipment of Buildings: A Bibliography, Mary Vance. Vance Bibliographies, 1982.
Mechanical Equipment of Buildings: A Bibliography, Mary Vance. Vance Bibliographies, 1985.
Procedural Standards for Testing, Adjusting, Balancing of Environmental Systems. National Environmental Balancing Bureau, 1983.

Graduation from an accredited architectural school should be required for registration: 90% yes; 10% no.*

Refrigeration and Air-Conditioning, A.R. Trott. McGraw-Hill, 1981.
Standard Refrigeration and Air Conditioning Questions and Answers, Stephen Michael Elonka and Quaid Walton Minich. McGraw-Hill, 1983.
Thermal Control of Buildings, D.L. Fisk. Applied Science, 1981.
Ventilation: A Bibliography, Mary Vance. Vance Bibliographies, 1986.

Magazine Articles
 "Environmental Systems and Controls: Special Supplement," P/A, Oct 1985.
 "Indoor Air at Issue: Extended Feature," Architectural Technology, July/Aug 1986.
Audiovisual
 "Indoor Pollution: The Architect's Response," audiotape of symposium sponsored by AIA Service Corp and Southern California/AIA, San Francisco, 1984.

Lighting

Associations
American Home Lighting Institute
 435 North Michigan Ave, Suite 1717
 Chicago, IL 60611
 (312) 644-0828
 Publications *Light Rays*: 3/yr, members only.
 Conferences Dates not determined.
Design Research Lighting Laboratory
 Dept of Interior Design
 Fashion Institute of Technology
 227 West 27th St
 New York, NY 10001
 (212) 760-7800

Edison Electric Institute
 1111 19th St NW
 Washington DC 20036
 (202) 828-7400
 Publications *Electric Perspectives*: quarterly. *Utility Information Digest*: monthly. *Washington Letter*: weekly. *Statistical Releases*: weekly.
 Conferences June 8-10, Cincinnati.
Illuminating Engineering Society of North America
 345 East 47th St
 New York, NY 10017
 (212) 705-7926
 Publications *Lighting Design and Application*: monthly.
International Association of Lighting Designers
 18 East 16th St, Suite 208
 New York, NY 10003
 (212) 206-1281
 Publications *NLB News*: members only. List available.
 Competitions National Lighting Bureau Awards.
Lighting and Vision Conference Center
 214 Oakwood Ave
 Newark, OH 43055
 (614) 345-9631
Lighting Research Institute
 1170 Broadway
 New York, NY 10001
 (212) 685-8680
 Publications *Project Summaries*.
 Competitions Edison Award Competition, deadline Jan 30 (Contact General Electric Co (216) 266-2121).
 Halo Lighting Awards, deadline June 15, (Contact Hanlon Organization (312) 222-1060).
 Conferences International Lighting Show, Jan 18-22, Olympia, London. (Contact the British Trade Office, New York; Lighting World; International Advanced Illumination Exhibition and Conference, May 11-13, New York. (Contact National Expositions Co, New York.

Periodicals
International Lighting Review (PO Box 721, 5600 AS Eindhoven, The Netherlands): quarterly.
Interiors Magazine, Apr issue (See Interior Design).
Books
Artificial Lighting and Health: A Selected Bibliography, Karen Miller. Vance Bibliographies #A1087, 1983.
Bringing Interiors to Light, Frank Kellogg Smith. Whitney Library of Design, 1986.
Complete Guide to Language of Lighting, Halo Lighting.
Concepts in Lighting for Architecture, M. David Egan. McGraw-Hill, 1984.
Criteria for Recommended Lighting Levels, Gary T Yonemura. Center for Building Technology, National Bureau of Standards, 1981.
Light and Color: A Designer's Guide, Mayer Spivack and Joanna Tamer. AIA Press, 1984.
Light: Effective Use of Daylight and Electric Lighting in Residential and Commercial Spaces, Jane Grosslight. Prentice-Hall, 1984.
Lighting and its Design, Leslie Larson. Whitney Library of Design, 1964.
The Lighting Book: A Buyer's Guide to Almost Every Kind of Lighting Device, Martin Greif.
Lighting in Retail Stores: A Bibliography of Recent Periodical Literature, Mary Ellen Huls. Vance Bibliographies #A1656, 1986.
Lighting Roundtable III, Arthur Rubin. National Bureau of Standards, 1983.
Museum Lighting: A Bibliography of Recent Periodical Literature, Mary Ellen Huls.

Vance Bibliographies #A1657, 1986.
Office Lighting: A Bibliography, Mary Vance. Vance Bibliographies #A1335, 1985.
Office Lighting, Illuminating Engineering Society of North America, 1983.
Practical Lighting Applications for Building Construction, John E. Traister. Van Nostrand Reinhold, 1982.
Recommended Practice for Lighting Merchandising Areas, Illuminating Engineering Society of North America.
Sunlight as Formgiver for Architecture, William Lam. Van Nostrand Reinhold, 1986.
Tracing Lighting Design Decisions for New Open Office Space: a Pilot Study, Edward T. White and Arthur I. Rubin. Center for Building Technology, National Bureau of Standards, 1981.

PORTLAND Hotels:

Red Lion Inn-Lloyd

Center; Riverplace

Alexis; Westin Ben-

son. Restaurants:

Couch Street Fish

House; Genoa;

Jake's Famous Craw-fish.*

Magazine Articles
 "Ergonomics Sheds New Light on Office Productivity," *Lighting Design & Applications*, Feb 1986.
 "Lighting & Health," *Architectural Technology*, Spring 1985.
 "New Fluorescents Deliver a Higher Quality of Light," *Building Design and Construction*, Aug 1986.
 "Work Lights," P/A, Sept 1986.
Databases
 Compendex (DIALOG, BRS, SDC ORBIT).
 Art Index Online (Wilsonline).

Paint and Wallcovering
 (See also Ceilings, Interior Design)

Associations
Association of Wall & Ceiling Industries International
 25 K St NE, Suite 300
 Washington, DC 20002
 (202) 783-2924
 (see Ceilings)
Ceramic Tile Institute
 700 North Virgil Ave
 Los Angeles, CA 90029
 (213) 660-1911
 Publications *Tile Industry News*: bimonthly.
 Conferences Feb 18-21, Los Angeles.
Italian Tile Association
 Donato Grosser, U.S. Representative
 305 Madison Ave, Suite 3121
 New York, NY 10165
 Conferences Oct 5-9, Cersaie, Bologna, Italy.
Italian Tile Center, a Division of the Italian Trade Commission
 499 Park Ave
 New York, NY 10022
 (212) 980-1500
 Publications *Tile News*: quarterly. *Designer's Guide to Italian Ceramic Tiles and Their Installation*.
 Conferences Design Installation Seminars, Jan 27, Phoenix; Feb 14, Dallas.
 Databases *Tile locating service*.
National Association of Decorative Architectural Finishes
 112 North Alfred St
 Alexandria, VA 22316
 (703) 836-6504

Painting and Decorating Contractors of America
 7223 Lee Highway
 Falls Church, VA 22046
 (703) 534-1201
 Publications *Painting & Wallcovering Contractor*: bimonthly. *PDCA Brief*: monthly.
 Conferences March 3-6, Phoenix.
Wallcovering Manufacturers Association and Wallcovering Information Bureau
 66 Morris Ave
 Springfield, NJ 07081
 (201) 379-1100
Periodicals

Tile and Decorative Services (17901 Ventura Blvd, Suite D, Encino, CA 91316): monthly.
The Wallpaper, (Tapis Publishing Co, 1 NE 39th St, Ft. Lauderdale, FL 33334): monthly.
Wallcoverings, (Publishing Dynamics, 15 Bank St, Suite 101, Stamford, CT 06901): monthly.

Books
Hess's Paint Film Defects, Their Causes and Cures, H.R. Hamburg and W.M. Morgan, eds., Wiley.

Organic Coatings, Properties, Selection, and Use, Aaron Gene Roberts. Department of Commerce, National Technical Information Service.

Paints & Coatings Handbook, Abel Banov. Structures Publishing Co, 1978.

Paint Handbook, Guye Weismantel, ed. McGraw-Hill.

Preservation Brief 10: Exterior Paint Problems on Historic Woodwork, Kay D. Weeks, David W. Look, National Park Service.
Wallpaper: A History, F. Teynac. Rizzoli, 1982.

Wallpaper: Monographs, Mary Vance. Vance Bibliographies #A1132, 1984.

Magazine Articles
 "A Prologue to Paint," P/A, Nov 1984.
 "Technical Tips: Paints and Coatings Primer," *Architectural Technology*, July/Aug 1986.

Additional sources
 The Cooper-Hewitt Museum, 2 East 91st St, New York, NY 10028: Collection of wall papers.



▶ Plumbing

Associations

American Society of Plumbing Engineers

3617 Thousand Oaks Blvd, Suite 210
Westlake, CA 91362
(805) 495-7120

Publications Plumbing Engineer: 9/yr.

American Society of Sanitary Engineering

23760 Center Ridge Rd
Westlake, OH 44145
(216) 835-3040

Publications ASSE Newsletter: monthly, members only.

Conferences Dates not determined.

International Institute of Plumbing and Mechanical Officials

5032 Alhambra Ave
Los Angeles, CA 90032-3490
(213) 223-1471

Publications Newsletter: monthly, members only. Official: bimonthly, members only.

Conferences Oct 11-15, Salt Lake City.

Manufacturers Standardization Society of the Valve and Fittings Industry

127 Park St NE
Vienna, VA 22180
(703) 281-6613

Publications Newsletter: irregular, members only.

National Association of Plumbing, Heating, Cooling Contractors

PO Box 6808
Falls Church VA, 22046-1148
(703) 237-8100

Publications NAPHCC News: monthly, members only. List available.

Conferences Oct 18-21, New York.

National Bath, Bed & Linen Association

15 East 26 St, Room 1602
New York NY 10010
(212) 689-5550

Publications Newsletter: annual. Directory of exhibitors and manufacturers representatives.

Conference May 10-13, New York.

Plumbing Manufacturers Institute

500 Roosevelt Rd, Bldg C, Suite 20
Glen Ellyn, IL 60137
(312) 858-7337

Publications Waterlines: monthly, members only. Plumberomic\$: quarterly.

Conferences Mar 1-4, La Quinta, CA.

Favorite architectural renderers: Steve Oles, Helmut Jacoby. Favorite graphic designers: 1. Vignelli Associates; 2. Chermayeff and Geismar.*

Periodicals

Kitchen & Bath Business (Gralla Publications, 1515 Broadway, New York NY 10036): monthly.

Books

Plumbing, Harold E. Babbitt. McGraw-Hill, 1986.

▶ Stairs

Books

Architects' Guide to Designing Exit Stairs. American Stair Corp.

Designing Staircases, Willibald Mannes. Van Nostrand Reinhold.

Metal Stairs Manual. National Association of Architectural Metal Manufacturers, 1974.

The Staircase: An International Bibliography, Donald H. Dyal. Vance Bibliographies, 1982.

Techniques of Staircase Construction, Willibald Mannes. Van Nostrand Reinhold, 1986.

▶ Windows

Associations

American Architectural Manufacturers Association

2700 River Rd, Suite 118
Des Plaines, IL 60018
(312) 699-7300

(See Metal Curtain Walls).

Laminators Safety Glass Association

3310 Harrison St
Topeka, KS 66111
(913) 266-7013
(See Glass).

Lawrence Berkeley Laboratory Energy Efficient Windows Program

Bldg 90-311
Berkeley, CA 94720
(415) 486-6847
(See Daylighting).

National Association of Architectural Metal Manufacturers

600 South Federal St, Suite 400
Chicago, IL 60605
(312) 346-1600

(See Metal Curtain Walls).

National Fenestration Council

3310 Harrison St
Topeka, KS 66111
(913) 266-7014
(See Daylighting).

National Glass Dealers Association

8200 Greensboro Dr, Suite 302
McLean, VA 22102
(703) 442-4890
(See Glass).

National Wood Window & Door Association

1400 East Touhy Ave, Suite G-54
Des Plaines, IL 60018
(312) 299-5200

Publications Newsletter: monthly. List available.

Conferences Feb 7-11, Maui, HI.

Stained Glass Association of America

1125 Wilmington Ave
St. Louis, MO 63111
(314) 353-5128
(See Glass).

Steel Window Institute

1240 Keith Bldg
Cleveland, OH 44115
(216) 241-7333

Vinyl Window and Door Institute

355 Lexington Ave
New York, NY 10017
(212) 503-0609

Publications List available.

Conferences Mar 22-25, Florida; July 14-17, Toronto; Nov 11-13, Chicago.

Competitions Award of Distinction Program.

Periodicals

Frames/Porte & Fenestre, (Faenza Editrice via Firenze 276, 48018 Faenza, Italy): bimonthly.

Glass Digest (Ashlee Publishing, Co, 310 Madison Ave, New York, NY 10017): monthly.

Books

Environmental Factors in the Design of Building Fenestration, B.P. Lim and others. Applied Science Publishers, 1979.

Evaluation of Window Performance, A.G. Wilson. National Research Council of Canada, technical paper #414.

Influence of Windows on Energy Use, Steven Selkowitz. Lawrence Berkeley Laboratory, 1984.

Windows and Environment, D.P. Turner, McCorquodale & Co, Ltd, 1969.

Windows and People: A Literature Survey, B.L. Collins. National Bureau of Standards Building Science Series 70, Government Printing Office, 1975.

Window Architectonics, D. MacGowan, Public Works and Health and Welfare.

Window Design Strategies to Conserve Energy, Robert S. Hastings & Richard W. Crenshaw. National Bureau of Standards, 1977.

Windows for Energy Efficient Buildings, Lawrence Berkeley Laboratories, annual series.

Windows Performance, Design and Installation, H.E. Beckett & J.A. Godfrey. Van Nostrand Reinhold, 1974.

Magazine Articles

"Next Window, Please," P/A, Aug 1984.

"The Return of Wood Windows," Construction Specifier, Sept 1984.

"Window Treatments Offer Owners a Choice," Building Design & Construction, Aug 1986.

Material Standards

(See also Codes)

Associations

American National Standards Institute

1430 Broadway
New York, NY 10018
(See Barrier-Free Design)

American Society for Testing and Materials

1916 Race St
Philadelphia, PA 19103
(215) 299-5400

Publications ASTM Standardization News: monthly. ASTM Standards in Building Codes; Specification, Test Methods, Practices, Classifications, Definitions: annual. Conferences Symposia and Seminars dates not determined.

Competitions Awards program (contact specific committee).

Building Materials Research Institute

501 Fifth Ave #1402
New York, NY 10017
(212) 687-1075

International Publisher's Services

PO Box 230
Accord, MA 02018
(617) 749-2966

National Center for Standards and Certification Information

Office of Product Standards Policy
National Bureau of Standards
Technology Building, Room B166
Washington, DC 20234
(301) 921-2587

Underwriters Laboratories

333 Pfingsten Rd
Northbrook, IL 60062
(312) 272-8800

Underwriters Laboratories of Canada

7 Crouse Rd
Scarborough ONT M1R 3A9, Canada
(416) 757-3611

Publications Building Materials Directory (Underwriters Laboratories): Annual.

Periodicals

Building Standards (ICBO, 5360 South Workman Mill Rd, Whittier, CA 90601): bimonthly.

Codes and Standards (Kelley P. Reynolds & Assoc, 2624 North Troy St, Chicago, IL 60647): monthly.

Durability of Building Materials (Elsevier Science Publishing Co, 52 Vanderbilt Ave, New York, NY 10017): quarterly.

Index and Directory of U.S. Industry Standards (Telemarketing, 15 Inverness Way East, Englewood, CO 80150).

NBS Standard Reference Materials Catalog, NBS Special Catalog 260 (National Bureau of Standards): triennial.

Books

Building Materials Evaluation Handbook, Farrest Wilson. Van Nostrand Reinhold, 1984.

Construction Materials; Types, Uses and Applications, Caleb Hornbostel. Wiley, 1978.

Construction Materials Ready Reference Manual, Joseph J. Waddell. McGraw-Hill.

Durability of Building Materials and Components. ASTM, 1978.

Materials Handbook, George S. Brady and Henry R. Clauser. McGraw-Hill, 1977.

Databases

Standards and Specifications (DIALOG). Standards Search (SDC Orbit).

Military and Federal Specifications and Standards (BRS).

Industry and International Standards (BRS).

Voluntary Standards Information Network (BRS).

Associations

American Concrete Institute

PO Box 19150
Detroit, MI 48219
(313) 532-2600

Publications Concrete International Design and Construction: monthly. Concrete Abstracts: bimonthly. Material Journal: bimonthly. Structural Journal: bimonthly. List available.

Conferences Mar 22-27, Mexico City; Nov 8-13, Seattle, WA.

Competitions Structural Building Awards Program.

American Society of Concrete Construction

426 South Westgate
Addison, IL 60101
(312) 543-0870

Publications Concrete Construction: monthly. List available.

Conferences Jan 25-29, Houston.

PORTLAND Sights:

Auditorium Forecourt

Fountain; Equitable

Building; Pioneer

Courthouse Square;

Henry L. Pittcock Man-

sion; Portland Build-

ing.*

Architectural Precast Association

825 East 64th St
Indianapolis, IN 46220
(317) 251-1214

Publications The Architectural Precaster: monthly, members only.

Conferences Apr 5-10, Bermuda.

Best architect-designed house in North America:

1. Fallingwater (Frank Lloyd Wright); 2. Monticello (Thomas Jefferson), Robie House (Wright).*

Concrete Materials Research Council

c/o American Concrete Institute
Contact Charles F. Sholer
Professor of Civil Engineering
Purdue University
Purdue University
(317) 494-5017

Concrete Reinforcing Steel Institute

180 North LaSalle St
Chicago, IL 60601
(312) 490-1700
(see Steel)

National Precast Concrete Association

825 East 64th St
Indianapolis, IN 46220
(317) 251-1214
Publications North American Precaster:
monthly, members only.
Conferences Feb 22–25, San Diego.

Portland Cement Association

5420 Old Orchard Rd
Skokie, IL 60077
(312) 966-6200
(See Masonry)

Prestressed Concrete Institute

201 North Wells St, Suite 1410
Chicago, IL 60606
(312) 346-4071
Publications PCI Journal: bimonthly. Ideas
Newsletter: quarterly, members only.
Conferences Oct 18–21, New Orleans.
Competitions PCI Awards Program, dead-
line Aug 1.

Reinforced Concrete Research Council

c/o Dr. Anthony Fiorato
5420 Old Orchard Rd
Skokie, IL 60077
(312) 966-6200
Publications List available.
Conferences Dates not determined.
Competitions Research grants available.

Tilt-Up Concrete Association

5420 Old Orchard Rd
Skokie, IL 60077
(312) 967-7700

U.S. Army Engineer Waterways Experiment Station Concrete Technology Information Analysis Center

PO Box 631
Vicksburg, MS 39180
(601) 634-3264

Conferences

The World of Concrete, Jan 25–29, Hous-
ton (Contact 800-323-3550).

Periodicals

Cement, Concrete & Aggregate (Ameri-
can Society for Testing Materials, 1916
Race St, Philadelphia, PA 19103): semian-
nual.

Books

Architect's Use of Cement: Journal Articles
Relating to the Design of Concrete Structure,
Dale E. Casper. Vance Bibliographies
#A1605, 1980–85.

Architectural Precast Manual. Prestressed
Concrete Institute.

Building Code Requirements for Reinforced
Concrete. American Concrete Institute,
1983.

CRSI Design Handbook. Concrete Rein-
forcing Steel Institute, 1984.

Commentary on Building Code Require-
ments for Reinforced Concrete. American
Concrete Institute, 1983.

Concrete Construction Handbook, Joseph
J. Waddell. McGraw-Hill, 1974.

Concrete Masonry Handbook, Portland
Cement Association.

Concrete Materials Technology Abstracts.
Cement and Concrete Association (Lon-
don, England).

Concrete Performance Data Book. Master
Builders, 1983.

Construction of Prestressed Concrete Struc-
tures, Ben C. Gerwick, Jr. Wiley.

Manual of Concrete Practice. American
Concrete Institute, 1984.

Manual of Standard Practice. Concrete
Reinforcing Steel Institute, 1980.

PCI Design Handbook—Precast and Pre-
cast Concrete in Architecture, A.E.J. Morris.
Whitney, 1966.

Prestressed Concrete. Prestressed Con-
crete Institute, 1985.

Prestressed Concrete for Architects and En-
gineers, H. Kent Preston. McGraw-Hill.

Reinforced Concrete Design Handbook;
Working Stress Method. American Con-
crete Institute, 1965.

Specifications for Structural Concrete Build-
ings. American Concrete Institute, 1975.

Magazine Articles

"Design Guidelines for GFRC Panels," Ar-
chitectural Technology, Winter 1985.

"The Sincerest Form of Flattery," P/A, Nov
1985.

Databases

Compendex (BRS, DIALOG, SDC ORBIT).

Fabric Structures

Associations

Architectural Fabric Structures Institute

1800 Pickwick Ave
Glenview, IL 60025
(312) 724-7700

Industrial Fabrics Association International

345 Cedar Bldg, Suite 450
St. Paul, MN 55101
(612) 222-2508
Publications Industrial Fabrics Product Re-
view: monthly. Geotechnical Fabrics Re-
port: bimonthly. Awnings & Architecture:
quarterly.
Conferences Nov. 9–12, Las Vegas.
Competitions Industrial Fabric Products In-
dustry Achievement Awards, deadline
Aug 1.

Books

Architectural Fabric Structures. Industrial
Fabrics, 1983.

Architectural Fabric Structures: Architectural
and Construction Design Considerations.
Owens-Corning Fiberglas, 1981.

Architectural Fabric Structures: Material
Properties. Owens-Corning Fiberglas,
1980.

Architectural Fabric Structures: The Use of
Tensioned Fabric Structures by Federal
Agencies, National Research Council. Na-
tional Academy Press, 1985.

Architectural Fiberglass Fabric Structures.
Owens-Corning Fiberglas, 1982.

Construction and Geotechnical Engineering
Using Synthetic Fabrics, Robert M. Koerner.
Wiley, 1980.

Creating New Environments With Fiberglass
Fabric Structures. Owens-Corning Fiber-
glas.

Directory of Architectural Fabric Structures:
Materials, Construction and Location. In-
dustrial Fabrics, 1983.

Gateway to Mecca: The Story of the Haj
Terminal. Owens-Corning Fiberglass, 1981.

Recommended Code Provisions for Archi-
tectural Fabric Structures. Architectural Fab-
ric Structures Institute.

State-of-the-Art Report on Air Structures.
American Society of Consulting Engineers,
1981.

Magazine Articles

"The Era of Swoops and Billows," P/A,
June 1980.

"Fabric Roofing Reaches New Heights,"
Buildings, May 1984.

"Fabric Roofs the Sky's the Limit," Building
Design & Construction, May 1983.

"Fabric Structures Find New Markets,"
Building Design & Construction, May
1986.

"Fabric Structures Grow Up," Architecture
Plus, Oct 1973.

"Sports Coverage," P/A, Oct 1986.

Masonry

(See also Concrete)

Associations

Building Stone Institute

420 Lexington Ave
New York, NY 10170
(212) 490-2530

Publications Building Stone Magazine: bi-
monthly. Stone Working News: monthly.
Conferences Mar 2–6, Houston.
Competitions Tucker Awards Program,
Dec deadline.

Indiana Limestone Institute of America

Stone City National Bank Bldg, Suite 400
Bedford, IN 47421
(812) 275-4426

Publications Technical Notes on Lime-
stone: irregular.

International Masonry Institute

823 15th St NW, Suite 1001
Washington, DC 20005
(202) 783-3908

Publications Masonry News: 3/year. List
available.

Italian Marble Center

499 Park Ave South
New York, NY 10022
(212) 980-8866

Conferences Marble Expo '87, Mar 5–17,
New York.

Database Contact Italian Marble Center.

**ST LOUIS Sights: Eads
Bridge; Gateway
Arch; Old Post Office
and Custom House;
Union Station; Wain-
wright Building;
Washington Univer-
sity campus.***

Marble Institute of America

33505 State St
Farmington, MI 48024
(313) 476-5558

Publications CM News: quarterly.
Conferences Oct 7–11, San Diego.

Masonry Contractors Association of America

17W601 14th St
Oakbrook Terrace, IL 60181
(312) 620-6767

Publications Masonry: bimonthly.
Conferences Mar 14–18, Dallas.

National Concrete Masonry Association

PO Box 781
Herndon, VA 22070
(703) 435-4900

Publications Concrete Masonry Solar Ar-
chitecture Quarterly. T E K Bulletins on
Masonry: monthly.

Conferences Feb 15–18, Tampa, FL.

National Stone Association

1415 Elliot Pl NW
Washington, DC 20007
(202) 342-1100

Publications Stone Review: bimonthly.

Conferences Jan 25–27, Orlando, FL.

Portland Cement Association

5420 Old Orchard Rd
Skokie, IL 60077
(312) 966-6200

Conferences Nov 9–10, San Diego.

Competitions

Louis Sullivan Award for Architecture
deadline Jan 9. (Contact AIA for infor-
mation.)

Periodicals

Stone World (Tradelink Publishing Co, 485
Kinderkamack Rd, Oradell, NJ 07649):
monthly.

Books

Brick and Tile Engineering, Harry C. Plum-
mer. Structural Clay Products Institute,
1962 (out of print).

Concrete Masonry Handbook, F.A. Randall
and W.C. Panarese. Portland Cement As-
sociation.

Design Manual III—Dimensional Stone.
Marble Institute of America, 1985.

Dimensional Stone—Volume III. Marble In-
stitute of America, 1986.

Manual of Facts on Concrete Masonry, Na-
tional Concrete Masonry Association.

Masonry Design and Detailing Handbook.
Prentice-Hall, 1985.

Non-reinforced Concrete Masonry Design
Tables, National Concrete Masonry As-
sociation, 1971.

Reinforced Concrete Masonry Design Ta-
bles, National Concrete Masonry Associa-
tion, 1971.

Stone Catalog. Building Stone Institute,
1978.

Stone: Properties, Durability in Man's Envi-
ronment, E.M. Winkler. Springer-Verlag.
Stone Working Techniques. IMEG Spa Via-
reggio, 1983.

Structural Masonry, S. Sahlin. Prentice-Hall.

Magazine Articles

"Getting the Dirt on Masonry," P/A, 1983.

Databases

Compendex (BRS, DIALOG, SDC ORBIT).

Steel

Associations

American Institute of Steel Construction

400 North Michigan Ave
Chicago, IL 60611
(312) 670-2400

Publications Modern Steel Construction:
bimonthly. Engineering Journal: quarterly.
AISC News: bimonthly, members only.

Conferences Nov 2–4, Boca Raton, FL.
National Engineering Conference, Apr
29–May 2, New Orleans. Special Bridge
Conference, Sept 14–15, Washington,
DC.

Competitions Architectural Awards of Ex-
cellence, deadline June. Prize Bridge
Competition, alternate years.

American Iron and Steel
Institute

1000 16th St NW
Washington, DC 20036
(202) 452-7100

Conferences May 20–21, Washington,
DC.

Association of Iron & Steel Engineers

3 Gateway Center
Pittsburgh, PA 15222
(412) 281-6323

Publications Iron & Steel Engineer:
monthly.

Conferences Apr 13–15, St Louis; Exposi-
tion, Sept 21–24, Pittsburgh.

Concrete Reinforcing Steel Institute

933 North Plum Grove Rd
Schaumburg, IL 60173
(312) 490-1700

Publications List available, members only.

Steel Deck Institute

PO Box 9506
Canton, OH 44711
(216) 493-7886

Publications Newsletter: irregular.
Conferences May 4–5, Naples, FL.

Steel Joist Institute

1205 48th Ave North
Myrtle Beach, SC 29577
(803) 449-0487

Publications Newsletter: monthly, mem-
bers only. List available.

Conferences May 16–20, Kiawah Island,
SC.

Steel Structures Painting Council

4400 Fifth Ave
Pittsburgh, PA 15213
(412) 268-3327

Publications Journal of Protective Coatings
& Linings: monthly. SSPC Painting Bulletin:
annual. List available.

Conferences Jan 19–22, New Orleans;
Nov 4–7, Orlando, FL.

Structural Steel Education Council

9440 Telstar Ave, Suite 103
El Monte, CA 91731
(818) 444-4519 and
1250 Pine St, Suite 301
Walnut Creek, CA 94596
(415) 932-0909

Competitions

Follansbee Steel Corp Design Competition (contact Follansbee Steel Corp, PO Box 610, Follansbee, WV 26037).

Periodicals

Building Design and Construction: June issue.

Books

Architects' Use of Steel: Journal Articles on the Design of Steel Construction, 1977-1985, Dale E. Casper. Vance Bibliographies #A1604, 1986.

Basic Steel Design, Bruce G. Johnston and Fung-Jen Lin. Prentice-Hall, 1974.

Designing Steel Structures: Methods and Cases, Sol E. Cooper. Prentice-Hall, 1985.

Engineering for Steel Construction. American Institute of Steel Construction, 1984.

Manual of Steel Construction. American Institute of Steel Construction, 1980.

Specification for the Design, Fabrication and Erection of Structural Steel for Buildings. American Institute of Steel Construction, 1978.

Steel Buildings: Analysis and Design, Stanley W. Crawley. Wiley, 1984.

U.S.S. Structural Steel Shapes. U.S. Steel Corp, 1982.

Databases

Compendex (BRS, DIALOG, SDC ORBIT).

W o o d

Associations

American Institute of Timber Construction

333 West Hampden Ave #712
Englewood, CO 80110
(303) 761-3212
Publications Timber Construction Manual (see Books below).
Conferences Technical Advisory Committee, Las Vegas, Jan 21-22. Annual meeting, Destin, FL, Apr 19-22.

American Lumber Standards Committee

PO Box 210
Germantown, MD 20874
(301) 972-1700
Publications American Lumber Standard PS20-70. List of approved agencies.
Conferences Dates not determined.

American Plywood Association

PO Box 11700
Tacoma, WA 98411
(206) 565-6600
(see Housing)

ST LOUIS Hotels:

**Adams Mark; Doubletree Hotel; Omni.
Restaurants: Anthony's; Dominic's;
Tony's.***

American Wood Council

1250 Connecticut Ave NW, Suite 230
Washington, DC 20036
(202) 265-7766
Publications Brochures available.
Competitions Wood Design Award Program, deadline Fall.

American Wood Preservers Association

PO Box 849
Stevensville, MD 21666
(301) 643-4163
Publications AWP Members Bulletin: 2-3/yr, members only. Book of Standards.
Conferences May 10-13, Toronto.

*Based on architect survey (see page 61)

American Wood Preservers Bureau

PO Box 5283
Springfield, VA 22150
(703) 339-6660
Publications Quality Standards brochures.

Architectural Woodwork Institute

2310 South Walter Reed Dr.
Arlington, VA 22206
(703) 671-9100
Publications Design Solutions: quarterly.
News Briefs: quarterly, members only.
Conferences Oct 21-23, Los Angeles.
Competitions AWI Award of Excellence.

California Redwood Association

591 Redwood Highway, Suite 3100
Mill Valley, CA 94941
(415) 381-1304
Publications Redwood News.

Fine Hardwood-American Walnut Association

5603 West Raymond, Suite O
Indianapolis, IN 46241
(317) 244-3312
Publications Wood Unlimited Newsletter: quarterly.

Conferences Dates not determined.
Competitions Natural Wood Award, for successful use of character marked wood.

Hardwood Plywood Manufacturers Association

1825 Michael Faraday Dr
PO Box 2789
Reston, VA 22090
(703) 435-2900
Publications Bulletin: monthly, members only. Members Directory: annual. List available.

Conferences Apr 22-24, Louisville. Fall Meeting, dates not determined.

Institute of Wood Research

Michigan Technological University
Houghton, MI 49931
(906) 487-2464

National Forest Products Association

1250 Connecticut Ave NW
Washington, DC 20036
(202) 463-2763
Information Center
Publications Newsletters, members only. List available.
Conferences Nov 8-11, San Francisco. Legislative Meeting, May 3-6, Washington DC.

National Hardwood Lumber Association

PO Box 34518
Memphis, TN 38134
(901) 377-1818
Publications National Hardwood News: monthly, members only.
Conferences Oct 19-21, Washington, DC.
Competitions Daphne Awards Program for Furniture Design, deadline June 15. (contact Hardwood Institute, 420 Lexington Ave, Suite 1621, New York, NY 10170).

Red Cedar Shingle and Handsplit Shake Bureau

515 116th Ave NE, Suite 275
Bellevue, WA 98004
(206) 453-1323
Publications Newsletter: bimonthly, members only. List available.
Conferences Sept 17-18, Seattle/Tacoma.
Competitions Architectural Awards Program held biennially in odd years.

Society of American Wood Preservers

7297-P Lee Highway
Falls Church, VA 22042
(703) 237-0900
Publications Action Update: monthly.
Conferences Dates not determined.

U.S. Forest Products Laboratory

1 Gifford Pinchot Dr.
Madison, WI 53705-2398
(608) 264-5600
Publications pamphlets available.
Conferences for industry members only.

Western Wood Products Association

1500 Yeon Building
Portland, OR 97204
(503) 224-3930
Publications Statistical information pub-

lished weekly and monthly. Miracles in the Marketplace: quarterly, sent to retailers.
Conferences Mar 17-20, San Francisco. Fall meeting dates not determined.
Competitions Design Competitions (contact WWPA for schedule).

Wood Materials & Engineering Laboratory

College of Engineering & Architecture
Washington State University
Pullman, WA 99164-1806
(509) 335-4591

Wood Products Engineering Department

State University of New York
College of Environmental Science and Forestry
Syracuse, NY 13210
(315) 470-6500

Periodicals

Forest Product Journal (Forest Products Research Society, 2801 Marshall Court, Madison, WI 53705): 10/yr.

Wood and Fiber Science (Society of Wood Science and Technology, PO Box 5062, Madison, WI 53703): quarterly.

Books

An Architectural Guide to Wood Construction, Preservation, Conservation, Restoration and Framing, Coppa & Avery Consultants. Vance Bibliographies #A1312, 1985.

Book of Standards, American Wood Preservers Association, 1984.

Design of Wood Structures, Donald E.

Bryer. McGraw-Hill.

Index to Standards and Specifications, National Forest Products Association, 1980.
National Design Specifications for Wood Construction, National Forest Products Association, 1986, (supplement—Design Values for Wood).

The Textbook of Wood Technology, A. Pan-shin and C. deZeeuw, McGraw-Hill, 1970.
Timber Construction Manual, American Institute of Timber Construction. Wiley, 1986.
Timber Frame Construction: All About Post and Beam Building, Storey Communications, 1984.

Understanding Wood, Bruce Hoadley. Taunton Press, 1980.

The Wood Book, Wood Products Publications, Annual.

Wood Engineering, Southern Forest Products Association.

Wood Engineering Handbook, Forest Products Laboratory, Prentice-Hall, 1982.

Wood Frame Design, American Wood Preservers Association, 1984.

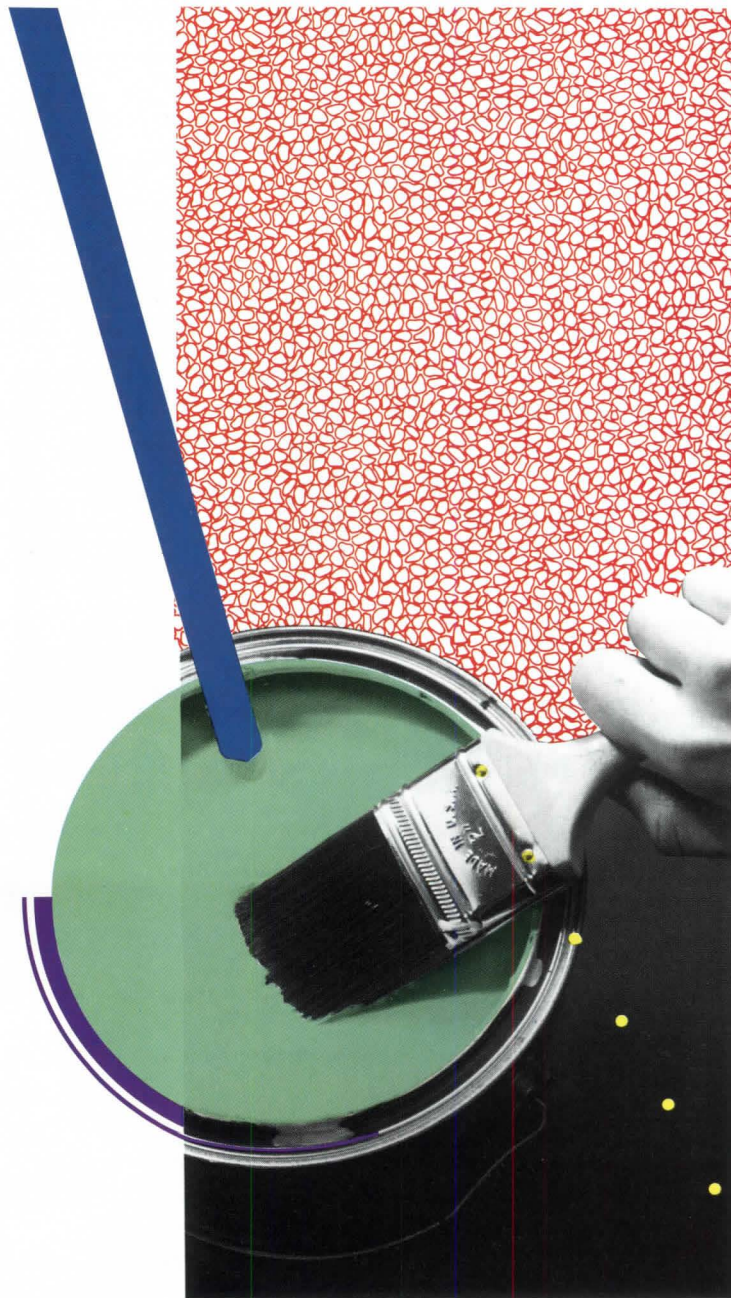
Wood Structural Design Data: Manual for Architects, Builders, Engineers and Others Concerned with Wood Construction, National Forest Products Association, 1984.

Magazine Articles

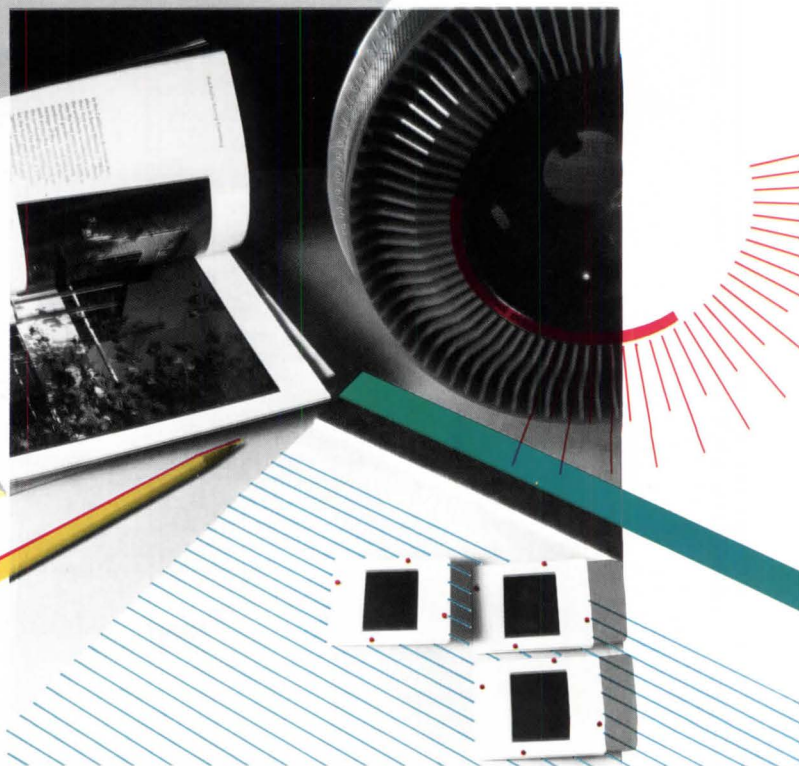
"A Walk through the Woods: Wood as an Interior Finish," P/A, Sept 1985.

Databases

Compendex (DIALOG, BRS).
(See Source Directory, p. 133)



Media



General Information Sources

AIA Information Center

1735 New York Ave NW
Washington, DC 20006
(202) 626-7494

Aga Khan Documentation Center

Room 10-303 Massachusetts Institute of Technology
Cambridge, MA 02139
(617) 253-2012

Avery Library of Architecture and Fine Arts

Columbia University
New York, NY 10027
(212) 280-3501
(see Museums)

Canadian Centre for Architecture

1440 St Catherine St West
Montreal H3G 1R8 QUE, Canada
(514) 871-8107
(see Museums)

Engineering Societies Library

345 East 47th St
New York, NY 10017
(212) 705-7611

Getty Center for the History of Art and the Humanities

401 Wilshire Blvd, Suite 400
Santa Monica, CA 90401
(213) 458-9811

Library of Congress

Architecture, Design and Engineering Collection
Washington, DC 20540
(202) 287-6399

National Building Museum

National Building Information Center
440 G St NW
Washington, DC 20001
(202) 272-2448

National Bureau of Standards

Center for Building Technology
Bldg 226, Room B250
Washington, DC 20234
(301) 921-3377

National Institute of Building Sciences

1015 15th St NW, Suite 700
Washington, DC 20005
(202) 347-5710

National Research Council of Canada

Division of Building Research
Ottawa, ONT K1A 0R6,
Canada

National Technical Information Service

U.S. Department of Commerce
5285 Port Royal Rd
Springfield, VA 22161
(703) 487-4600

Periodicals

Applied Mechanics Review (ASME Order Dept, 22 Law Dr, Box 2300, Fairfield, NJ 07007): monthly.

Applied Science and Technology Index (H.W. Wilson Co, 950 University Ave, Bronx, NY 10452): annual.

Architectural Index (PO Box 1168, Boulder, CO 80306): annual.

Architectural Periodicals Index (R.I.B.A.

SAN FRANCISCO

Sights: Embarcadero

Center; First Church

of Christ, Scientist,

Berkeley; Hallidie

Building; Oakland

Art Museum; Palace

of Fine Arts; San

Francisco Civic Cen-

ter; Telegraph Hill.*

Publications, Ltd, Finsbury Mission, London CIV 8VB, England): quarterly with annual cumulations.

Architecture—Building a Professional Library, a Student Guide (Prairie Ave Bookshop, 711 South Dearborn, Chicago 60605).

Art Index (H.W. Wilson Co, 950 University Ave, Bronx, NY 10452): quarterly with annual cumulations

Artbibliographies Modern (ABC-Clio, Riviera Campus, P.O. Box 4397, Santa Barbara, CA 93140): biennial.

Avery Index to Architectural Periodicals (Columbia University, Avery Library, G.K. Hall Publications, 70 Lincoln St, Boston, MA 02111): annual.

Business Periodical Index (H.W. Wilson Co, 950 University Ave, Bronx, NY 10452): annual.

Engineering Index (Engineering Information, Inc, 345 East 47th St, New York, NY 10017).

R.I.L.A., International Repertory of the Literature of Art (c/o Clark Art Inst, South St, Williamstown, MA 02167): semiannual.

ULI Project Reference File (Urban Land Institute).

Books

The Architects' Handbook, David Kent Ballast. Prentice-Hall, 1984.

Architects' Data, Ernest Neufert. Halsted Press, 1980.

Architectural Graphic Standards, Robert T. Packard, ed. Wiley, 1981.

Architecture: A Bibliographic Guide to Basic Reference Works, Histories and Handbooks, Donald Ehresmann. Libraries Unlimited, 1983.

Art and Architecture Information Guide Series, Sydney Starr Keaveney, ed. Gale Research Co.

Art Research Methods and Resources: A Guide to Finding Art Information. Lois Swan Jones. Kendall/Hunt Publishing Co, 1984.

Design Resources: A Guide to Architecture and Industrial Design Information, Lawrence Von Bamford. McFarland & Co, 1984.

Directory of Building Community Organizations. National Institute of Building Sciences, 1986.

Directory of Construction Associations. Professional Publications, 1986.

Directory of International Periodicals and Newsletters on the Built Environment, Frances C. Gretes. Van Nostrand Reinhold, 1986.

Guide to Information Sources for the Construction Industry, Marketing Research Committee. Producers' Council, 1979.

Information Sources in Architecture, Valerie J. Bradfield, ed. Butterworth, 1983.

Profile: Professional Architectural Firms, AIA. Archimedia Inc, 1983.

Time-Saver Standards for Architectural Design Data, John Hancock Callender, ed. McGraw-Hill, 1982.

Time-Saver Standards for Building Types, Joseph DeChiara. McGraw-Hill, 1980.

Vance Bibliographies: Architecture Series, PO Box 229, Monticello, IL 61856.

Who Knows: A Guide to Washington Experts. Washington Researchers Publishing Co, 1986.

Databases

America: History and Life (DIALOG) Compendex (DIALOG, BRS, SDC Orbit). Construction Engineering Research Lab (CERL).

Current Technology Index (DIALOG). Directory of American Research and Technology (Infoline).

Federal Research in Progress (DIALOG). IBSEDEX (Infoline).

National Institute for Occupational Safety and Health Database (Infoline). NTIS (Dialog, BRS, SDC Orbit).

Technical References

Sweet's Catalog File (McGraw-Hill Information Systems Co): annual

Architectural Award Competitions

(See listings under specific categories)

Sponsors

The Aga Khan Award for Architecture

32 Chemin des Cretes
1218 Grand Saconnex
Geneva, Switzerland
Recognizes completed buildings exemplifying architectural excellence appropriate to needs of the Islamic world.

The American Institute of Architects

1735 New York Avenue NW
Washington, DC 20006
(202) 626-7300
Honor Awards recognizing design excellence of architecture. Fall deadline. Twenty-five Award given to project completed for 25 to 35 years. Fall deadline. Local and Regional AIA chapters awards competitions (contact individual chapters for information).

The Canadian Architect

1450 Don Mills Rd
Don Mills, ONT M3B 2X7, Canada
(416) 445-6641
Awards of Excellence Program for buildings in the design stage. Deadline Sept.

Progressive Architecture

PO Box 1361
600 Summer St
Stamford, CT 06904
(203) 348-7531
P/A Awards Program for Projects Not Yet Completed; includes architecture, planning, research categories. Deadline Sept.

Publications
Architectural Competitions and Awards, 1980-1984: Journal Articles, Dale E. Casper. Vance Bibliographies, July 1986.

Best airports in the country: 1. Dulles; 2. Dallas-Fort Worth; 3. Atlanta, Boston, Orlando.*

Awards, Honors and Prizes. Gale Research Co., 1980.
 Deadlines (Design Competition Registry, HC 1, Box 17, Hawley, MA 01339): 15/yr.
 The Design and Building Industry's Awards Directory, Barbara Beck Lord, ed. Lord Communications and A/E Marketing Journal, 1984.

Architectural Guidebooks

Alabama
Downtown Birmingham: Architectural and Historical Walking Tour Guide, Marjorie Longnecker White, Richard W. Sprague and G. Gray Plosser, eds. Birmingham Historical Society, 1980.

Arizona
A Guide to the Architecture of Metro Phoenix, James W. Elmore, ed. AIA Central Phoenix Chapter, Phoenix Publishing Inc., 1983.
This is Tucson: Guidebook to the Old Pueblo, Peggy Hamilton Lockard. Pepper Publishing, 1983.

California
AIA Guide to San Diego. San Diego Chapter, AIA, 1977.
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Colorado
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Connecticut
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District of Columbia
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Georgia
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Hawaii
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Illinois
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Indiana
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Iowa
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Louisiana
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Maryland
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Massachusetts
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Michigan
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Minnesota
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SAN FRANCISCO

Hotels: Campton

Place; Four Seasons—

Clift; Huntington;

Mark Hopkins Inter-

continental. Restau-

rants: Ernie's; Hayes

St. Grill; Jack's; Max-

well's Plum; Sam's

Grill.*

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Missouri

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Nevada

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New Hampshire

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New York

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Most missed demolished building: 1. Imperial Hotel, Tokyo (Frank Lloyd Wright); 2. Penn Station, New York (McKim, Mead & White); 3. Larkin Building, Buffalo (Wright).*

Buffalo Architecture: A Guide, Francis R. Kowsky, Mark Goldman, Austin Fox, John D. Randall, Jack Quinan and Teresa Lasher. MIT Press, 1981.

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New York Access, Richard S. Wurman. Access Press Ltd, 1984.

Pennsylvania

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Texas

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Virginia

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Washington

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Wisconsin

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United States

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What Style is it? A Guide to American Architecture. John C. Poppeliers, S. Allen Chambers, Jr. and Nancy B. Schwartz. National Trust for Historic Preservation, 1983.

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Design Publications

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Architectural Design

42 Leinster Gardens
London W2 England
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Architectural Digest

5900 Wilshire Blvd
Los Angeles, CA 90036
(Subscriptions: Box 2415, Boulder, CO 80322): 10/yr.

Architectural Record

1221 Ave of the Americas
New York, NY 10020
(Subscriptions: PO Box 555, Hightstown, NJ 08520): monthly.

Architectural Review

9 Queen Anne's Gate
Westminster, England
monthly.

Architecture

American Institute of Architects
1735 New York Ave NW
Washington, DC 20006
monthly.

Architecture and Urbanism (A+U)

30-8 Yushima 2-chome
Bunkyo-ku
Tokyo 113 Japan
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L'Architecture d'Aujourd'hui

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Architecture Minnesota

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L'Architettura—Cronache e Storia

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Arkitektens Forlag
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eight/yr.

Arquitectura

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Assemblage

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148 Foster St
Cambridge, MA 02138
(Subscriptions: MIT Press Journals, 28 Carlton St, Cambridge, MA 02138): 3/yr.

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AU/Rivista Dell'Arredo Urbano

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Center

Center for the Study of
American Architecture
University of Texas, Austin
Austin, Tx
annual.

The Cornell Journal of Architecture

Department of Architecture
Cornell University
Ithaca, NY 14853
biennial.

Crit: The Architectural Student Journal

Association of Student Chapters
The American Institute of Architects
1735 New York Ave NW
Washington, DC 20006
semiannual.

Design Book Review

2508 Ridge Rd #7
Berkeley, CA 94709
(Subscriptions: 1418 Spring Way, Berkeley, CA 94708): monthly.

Design Quarterly

Walker Art Center
Vineland Pl
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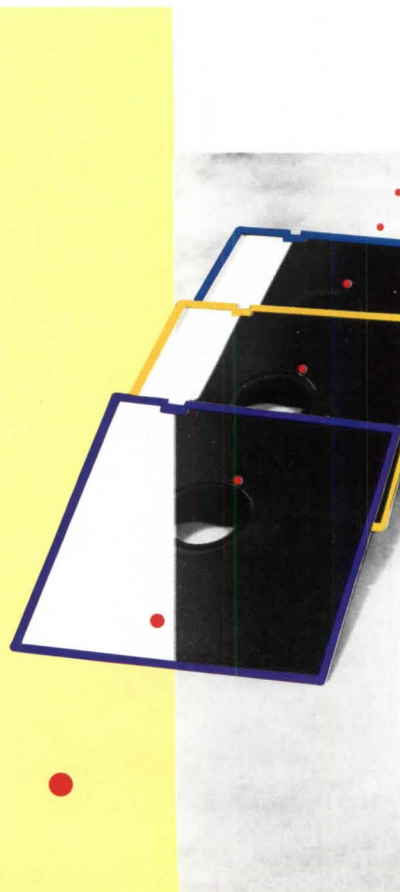
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GA (Global Architecture) Document

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Modulus, The University of Virginia Architectural Review

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Fifth Ave, New York, NY 10017): quarterly.

SEATTLE Hotels:

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Four-10.*

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Perspecta

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Places

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Pratt Institute
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Process: Architecture

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Progressive Architecture

600 Summer St, PO Box 1361
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R.I.B.A. Journal

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Space Design

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Kay Kaiser, Architectural Reporter

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Chicago, IL 60603
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Washington, DC 20006
(202) 638-3105**Directories of Museums and
Galleries***Art in America 1986-87 Annual Guide to
Galleries, Museums, Artists.* Brant Art Pub-
lications, 1986.*Art Museums of America,* Lila Sherman. Wil-
liam Morrow, 1980.*The Directory of World Museums,* Kenneth
Hudson and Ann Nicholls, eds. Columbia
University Press, 1975.**Vendors of
Databases
Mentioned in
Issue****Bibliographic Retrieval Services
(BRS)**Information Technologies
Customer Service
1200 Route 7
Latham, NY 12110**Chemical Abstracts Service**2540 Olentangy River Rd
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Information: The Architect and the Law

Architects' increasing liability has made the gathering of information more important now than ever before. The following cases show why.

BEFORE the Industrial Revolution, technological development was relatively static. Knowledge concerning materials and methods of construction was passed from generation to generation and, because the pool of information did not change greatly, architects could become well acquainted with all the data necessary to accomplish their work. However, the explosion of scientific advancement over the last 150 years has led to a continual growth of new knowledge with which the architect must keep abreast. As the construction process itself has become more sophisticated and complex, and the legal environment increasingly sensitive, building failures due to a lack of knowledge have led to numerous successful legal suits against the architect. In fact, a review of cases over the past two decades suggests that some courts now expect the architect to be cognizant of all information relevant to each project, which, in an expanding field, simply means knowing more than ever before. Furthermore, the reasonable standard of care to which the architect's performance is measured has been raised so that not only must more be known but, seemingly, at a higher level of comprehension. What follows highlights some of the areas in practice where failure to collect, comprehend, and utilize available information may lead to legal problems.

Assessing the Clients' Requirements

AIA Document B141 (owner/architect agreement) articulates the Basic Services that the architect is expected to provide, which includes ascertaining the requirements of the Project and "reviewing the understanding of such requirements with the Owner" (1.1.1.). In the event that there is inadequate communication between the parties, to what degree is the architect responsible for securing necessary information from the client? A recent case gives some perspective on that question. The project involved the design of a paper mill where cracking appeared in the structure caused by loading heavy paper rolls on the second floor. The architects denied responsibility for the damage, arguing that adequate storage had been provided on the first floor and that their clients had not conveyed their intent to store the rolls on the upper floors. The Court, however, held that the architects *should* have foreseen this possibility by checking with the clients as to their intentions in using the building and designing the superstructure accordingly. Decisions of this kind are based on the perception of the architect's role as expert consultant to a presumably inexperienced client. This has been interpreted to go beyond the fulfillment of stated duties to the insurance that clients both understand and carry out *their* responsibilities as well. In this case, inadequate questioning of the brief to ensure that it matched the client's intended use of the building led to a successful claim against the architect.

Reliance on Existing Information

Even if all relevant information has been secured from the owner, the architect should ensure its validity. Reliance on out-of-date or inaccurate information, even though provided by the owner as required by AIA Document B141 (1.4.), has led to litigation. In a New York City case,¹ reliance on a 20-year-old site survey failed to reveal a recent widening of the street, which was not apparent until after construction had commenced. The architect assumed responsibility for the necessary resiting costs. Even though it was the client's responsibility to provide the information, the architect as the expert should have exercised reasonable care by checking its continued accuracy.

Information Provided by Others

It is likely that the architect will have to rely on information provided by parties other than the client during the design process. Consultants, for

example, may produce necessary structural, mechanical, or soil-related data that the architect may not be qualified to generate. In the event of their negligence, it is reasonable to assume that the architect would not be held liable for the consultants' errors. Unfortunately, the doctrine of vicarious liability, which holds employers responsible for the acts and omissions of their employees, has meant that architects have been held accountable for the work of their consultants. In an ongoing case, for example, when a hospital began to develop cracks in its floors, it was alleged that the concrete structure was inadequate because of faulty calculations by structural engineers who had misplaced a decimal point, understressing the structural frame by the power of ten. Although the architects were not responsible for the calculations, four separate writs were still issued against the firm and its three partners, in addition to the suit against the engineers. In another current dispute in New York City,² architects relied on city planners' maps to establish the allowable height of an apartment building. As it neared completion, the City Buildings Department claimed that the building was 12 stories too high, because it stood within a special district that limits buildings to 19 stories. Although they had previously approved the plans for the building, the city officials now claim that "the department relies on applicants to be accurate about zoning," and that the uncertainty as to whether the building is actually in the special district is not their fault. They want the building shortened. Information derived from any source, regardless of its authority, should be checked carefully to avoid possible responsibility for its inaccuracy at a later stage.

Negligent Specification

The information most critical to the technical success of a building lies in the specification of materials and components. As technology advances, the architect has become more reliant on trade and standards literature to evaluate the quality of a product. To what degree, then, should the architect be held accountable if the product subsequently fails? Despite plausible arguments claiming that detailed technical knowledge should not be the architect's responsibility, several courts have held differently. Where an architect relied on manufacturer's advertising regarding the properties of fiberglass insulation, he was held responsible when it became saturated and caused such high condensation that the roof of the building had to be reconstructed.³ Similarly, where an architect relied on manufacturer's literature for surface preparation prior to paint application, the owner won a new trial for a negligence suit when the new paint began to peel.⁴ Other cases show that the architect may not only be held liable for failure of products, but also for their inadequate assembly or installation by the contractor or specialist subcontractor, because of the architect's review of shop drawings⁵ and inspection prior to certification.⁶ Such decisions have occurred even in cases involving details, such as the leaching and erosion of mortar additives containing vinylidene chloride.⁷

Dealing with Information: Some Defenses

The preceding cases show the high degree of care expected of the architect in securing and verifying the accuracy of information related to the construction process. Although the high incidence of legal action⁸ and increasingly expensive insurance premiums⁹ testify to the difficulty of attaining litigation-free practice, certain precautions may help minimize potential claims.

In client dealings, for example, all communications involving time, money, and project requirements should be recorded in writing, and contract documents (preferably AIA standard forms) should be used to formalize the rights and responsibilities of all parties involved. Wherever possible (and again AIA documentation will help), sufficient indemnities and waivers should be sought from all parties, including clients, contractors, subcontractors, suppliers, and consultants. These, and any specific caveats expressing

the extent of the architect's responsibilities, should be clearly established (they may not be upheld in court, but may serve to at least show the intention of the parties).

Areas of potential problems related to information use, some of which have been previously outlined, should be noted and given extra attention; taking any data for granted, where a few moments of questioning or checking could determine its efficacy, could save an expensive mistake.

Negligent specification continues to be a major problem; if the architect cannot rely on available information regarding new products, there may be a tendency to use only more conventional materials. Thus, innovative and potentially time- or money-saving products will be underutilized. Although the degree of caution taken by the architect will depend on the nature of the project, the product, and the manufacturer, some or all of the following precautions may help:¹⁰

- Insist upon detailed manufacturer's information and test results.
- Require a list of previous users to contact, particularly those involved in similar projects.
- Require the approval of nationally recognized standards institutes.
- If still in doubt, require further independent tests.
- Inform the manufacturer of the proposed use of the product and ask for written comments on its suitability.
- Request warranties from manufacturers.
- Retain all written representations, communications, and warranties well beyond the completion of the project.
- If the installation of the material is unusual or specifically defined by the manufacturer, request that their representative be present during installation.

Many of those steps may seem time-consuming, overly protective, and unnecessary. However, given the continued growth of new information within a complex and litigious process, the minimizing of risk in even the most minor areas is a sensible precaution. **Robert Greenstreet** ■

The author is an architect and recently elected Chair of the Department of Architecture at the University of Wisconsin-Milwaukee.

References

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2. Finder, A. "31-Floor Project-Sparks in Dispute," *New York Times*, August 13, 1986.
3. *Bloomsburg Mills v. Sordonic Const. Co.*, 401 Pa. 358, 164A. 2d.201 (Pa. 1960).
4. *Friendship Heights Associates v. Vlastimil Koubek*, AIA 785 F.2d 1154 (4th Cir. 1986).
5. *John Grace & Co. v. State University Construction Fund*, 472 N.Y.S. 2d. 757 (N.Y. App. Div. 1984).
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8. The A.I.A. has recently stated that 44% of insured firms reported a claim filed against them during 1984, A.I.A. *Newsletter*, Sept. 1985.
9. Insurance premiums are estimated to rise anywhere up to 350% next year. *Business Journal*, October 7, 1985.
10. Greenstreet, R., Greenstreet, K., *The Architect's Guide to Law and Practice* (Van Nostrand Reinhold, New York 1984).

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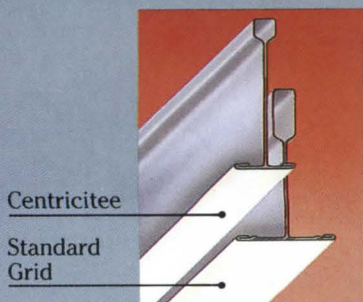
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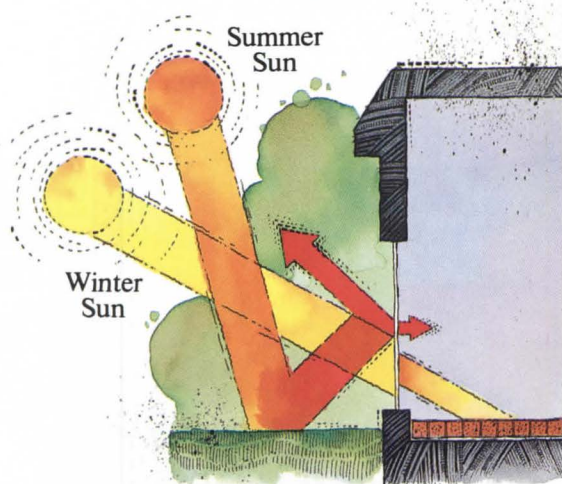
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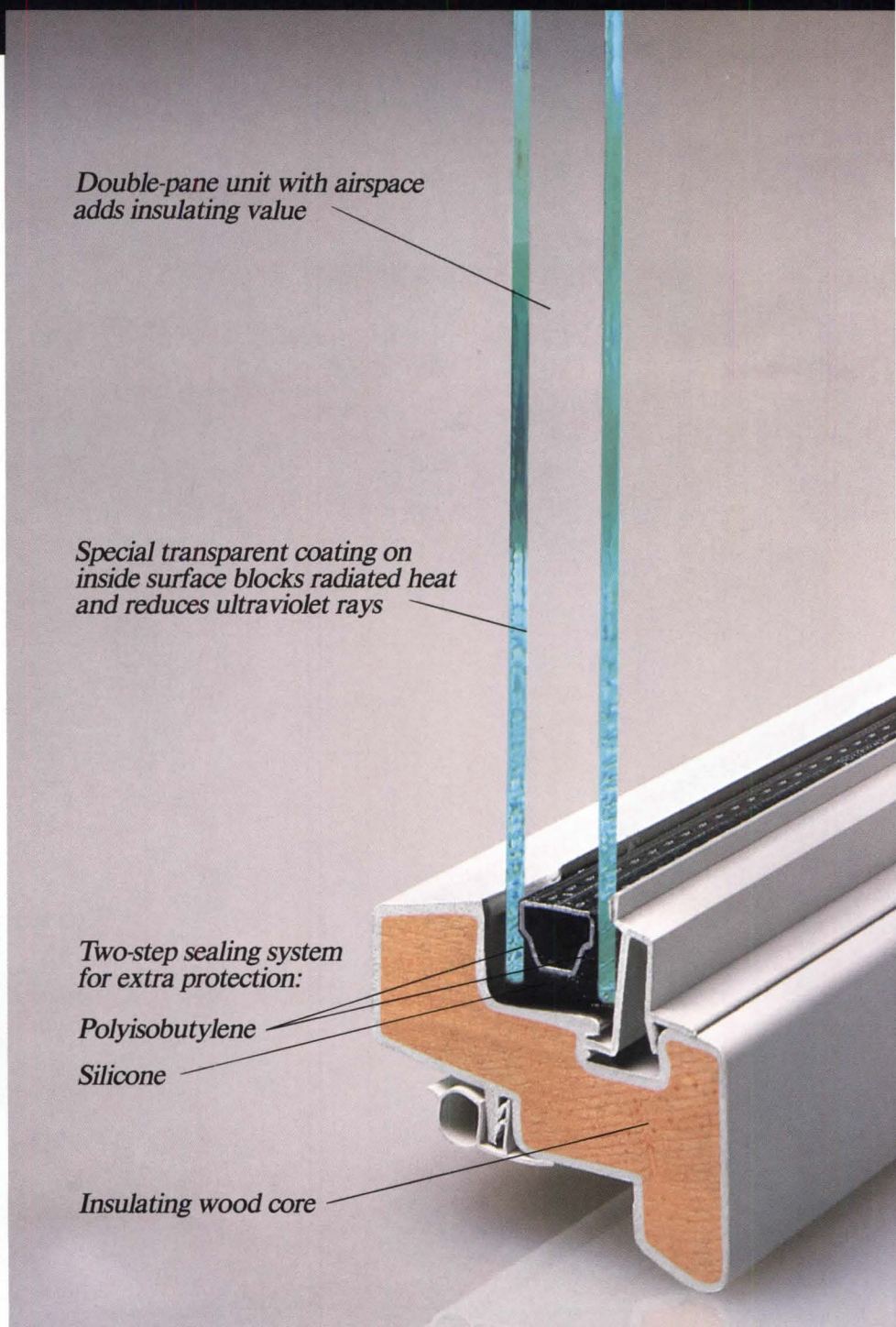
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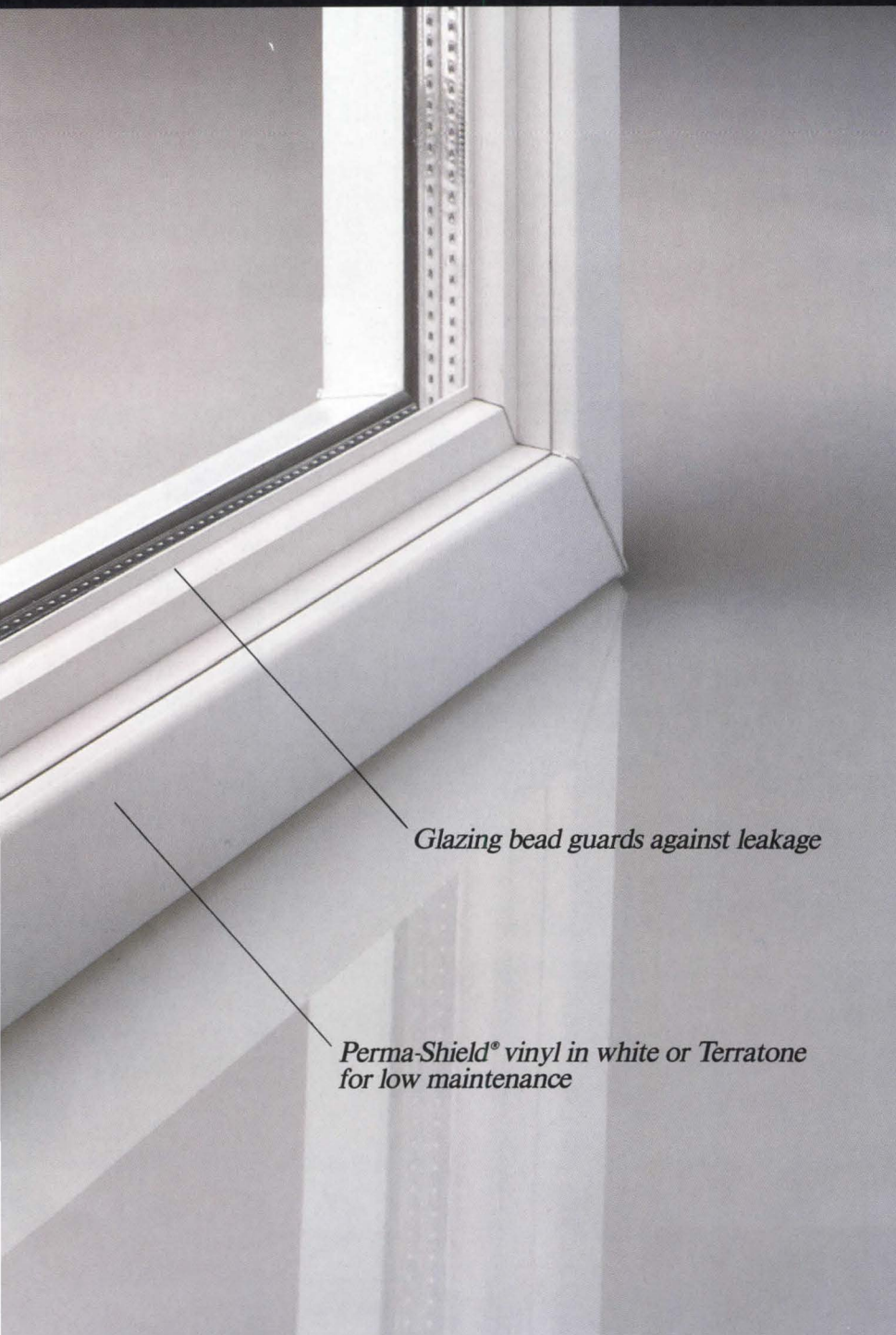
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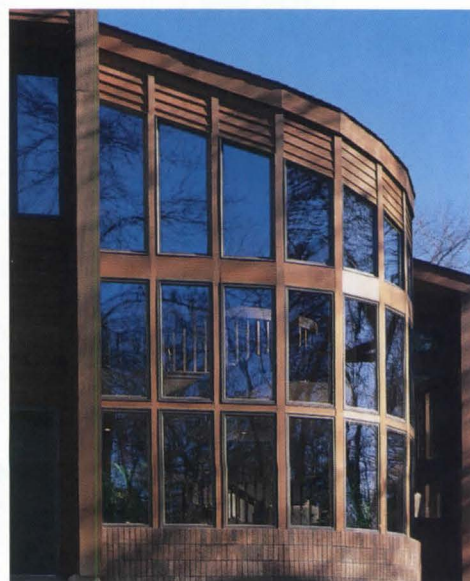
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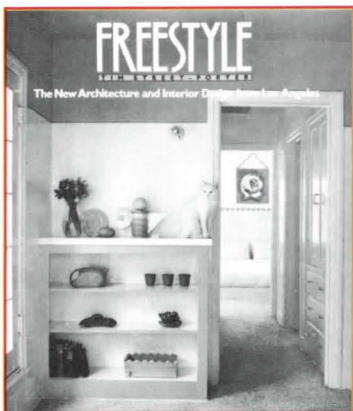
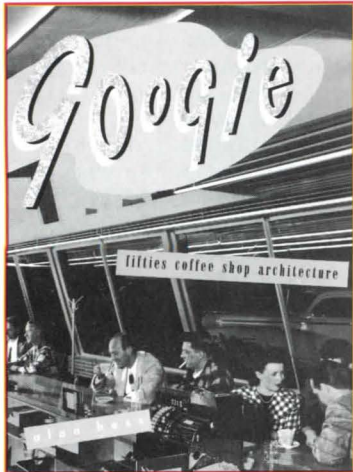
Books

Googie: Fifties Coffee Shop Architecture by Alan Hess. Chronicle Books, San Francisco, 1986. 144 pp., 150 photos, \$12.95.

Freestyle: The New Architecture and Interior Design from Los Angeles by Tim Street-Porter with Introduction by Pilar Viladas and Afterword by Paul Goldberger. Stewart, Tabori & Chang, New York. 1986, 240 pp., 260 photos, \$35.00.

Main Street to Miracle Mile: American Roadside Architecture by Chester H. Liebs. Boston, Little Brown and Co., A New York Graphic Society Book. 1985, 259 pp., 269 photos, \$19.95.

Orange Roofs, Golden Arches by Philip Langdon. Alfred A. Knopf, New York. 1986, 223 pp., 150 photos, \$30; \$19.95, paper.



Pop Style to Free Style

O.K., O.K.I., I'm convinced. This really is a serious book. It is obviously fun and cleverly designed, but give the author a chance and he will convince you of its importance. He has just written *The Origins of McDonald's Golden Arches* in the scholarly and somewhat forbidding *Journal of the Society of Architectural Historians*.

It is embarrassing that even architects sometimes have to be told what to look at and, after doing so, what we have seen. The author gently directs us to look at the buildings that grew out of the drive-in restaurants that Henry-Russell Hitchcock described as "light, gay, open, well executed and designed to be as effective by night as by day." Alan Hess calls the 1950s examples "the anti gravity architecture of the atomic age," and speaks of their "spontaneity, energy and tension."

The book has multiple layers and is valuable for any one of them. It documents the buildings for posterity and includes a list of many of the remaining examples. It develops the concept of a cohesive style, which it champions without propagandizing. It gives us a bibliography; it makes a very convincing plea for preservation, and by not trying to judge between good, better, and worse examples, it performs the best service for history.

Most of all, its implications are fascinating. Why did it take a quarter of a century or more for the prejudice against these buildings to be challenged? What does this tell us about other consensual-criticisms we hold dear? This book is a gospel for born-again populism as opposed to the elitism of art as a religion. The difference in the two is not in the artistry (the how) but rather in the clientele (the who). Hess makes winning points that this "roadside commercial vernacular style" is a "respectable architecture." He declares that it was good *because* of its commercialism, by being "unburdened by the need to meet the standard

of taste applied to more respectable buildings," as was true, he says, of our revered industrial vernacular buildings before. The buildings in question were a future looking expression of a more optimistic time of stable growth, probably of a more democratic time. They were certainly examples of the caring use of artistry for the average citizen.

In spite of the fact that these designs were difficult and expensive for their architects to document and supervise, it was their perceived frivolity that turned away the critical eye of the time, in my opinion. In this regard, Hess states that "The style is not a superficial overlay. . . it is not undisciplined or arbitrary. . . ." This is certainly true, compared with the formalism of the present time, but not by the reigning strictures of its own era of reason.

We are often victims of our necessity to hold to fully organized theories, including frameworks for historical data. Modern architecture surely did not die—we have merely broadened the base of acceptability in the subsequent generation. In this new climate, Hess uncovers a full-blown style that was ignored and whose designers were essentially anonymous. In the 1950s we thought of Modern architecture in terms of the big historic picture, as a major style for our age comparable to the Gothic style. To propagandize this concept it was only human to narrow the range of acceptability. Googie was one the casualties in terms of the degree of affirmation from the profession. When the focus on architecture changed and Modern was declared dead, Googie was buried even deeper.

It is the accepted exaggerations that get the most attention in any generation. Since an exaggeration in any direction ignores some human abilities, character traits, longings, and even foibles, it is bound to be rejected when the cultural climate allows. Thus it was with the strict rationalism of Modern as a movement, affecting our percep-

tions of Googie architecture.

Googie was named for the Googies Coffee Shop in Los Angeles designed by John Lautner. Hitchcock compared his work favorably with Frank Lloyd Wright's. Hess says that the Googie label became a pejorative one and helped to squelch serious consideration of the style and even of Lautner. Yet even today Lautner maintains a stronger organic logic of structural elements than most of the more acceptable cool school. The forms followed the functions of attracting customers. Nonetheless, Hess says that the style was "a little too commercial, a little too flamboyant, a little too western, and a little too American for serious consideration."

Oddly enough, many of the buildings are still well maintained, without change, while most other well-designed commercial buildings of the time have been remodeled because their elegant simplicity was seen by today's eye as being non-designed.

While the style and some of its original buildings still thrive in Las Vegas, Hess documents that "at some point commercial architects gave up building the future and began to build the past again." Sign ordinances and community controls have also had their effect. What have we lost? Hess writes convincingly that the large signs for these buildings were urban-scaled art and that "the mix of large and small scale is needed for variety." Today, he says, "nothing provides a contrast or focus for the eye in the cityscape. . . ."

The book pleads poignantly for preservation. Popular taste is ignored until we are far enough away not to risk being identified with its vulgarity; this was certainly true of Victorian architecture. Hess reminds us that "Aesthetic judgments have notoriously short shelf lives. . . . Lost is the irony that today's standards were the ones yesterday's were established to prevent civilization from slipping into." He further points out that we have traditionally not been interested in pre-

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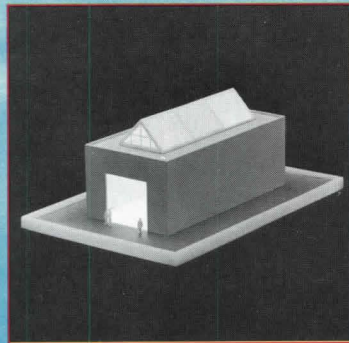
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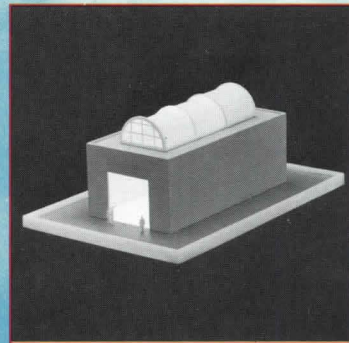
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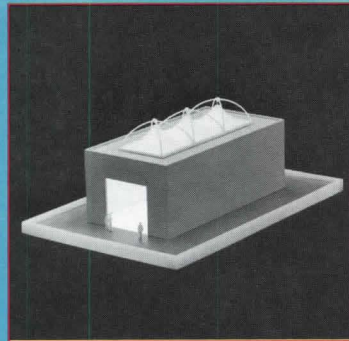




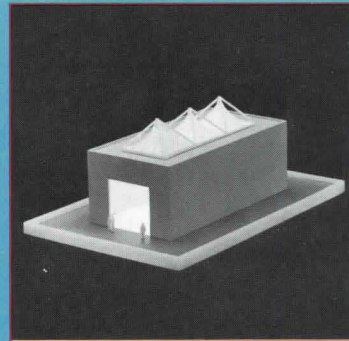
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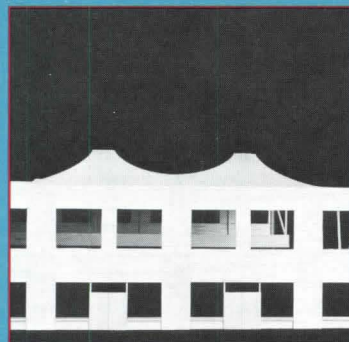
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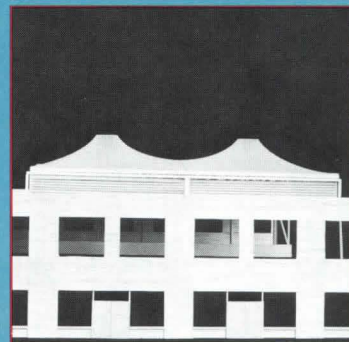
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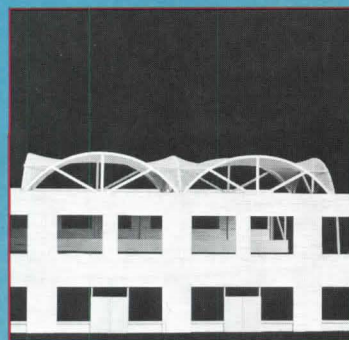
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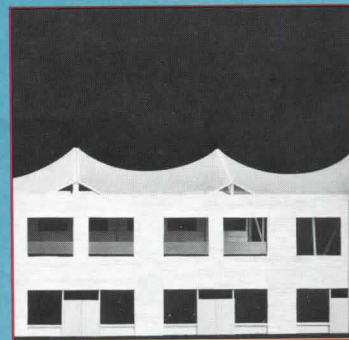
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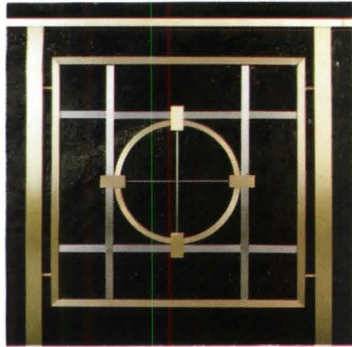
Fabric skylights

Softglass Natural Lighting Systems (1a, b, c, d) is the name of the new line of fabric skylights introduced by ODC, Inc., a division of Dow Corning Corporation. Tubular steel frames support the system's silicone-coated fiberglass fabric in shapes that range from barrel vaults and gables to internally or externally supported pyramids. The advantages of a fabric skylight over one clad in glass include the fabric's lighter weight, its greater safety if a break occurs, its longer spans (up to 60 feet with a single sheet of fabric), and its higher thermal value (as high as R-12). Silicone-coated fiberglass has considerable flexibility and resistance to weather, fire, and ultraviolet light. It also has an advantage over other fabrics with its high degree of translucency (up to 80 percent when uninsulated).

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(continued on page 114)



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S-Line mobile storage and filing systems range from five feet to unlimited lengths and weight capacities from 5000 pounds per carriage to 60,000 pounds per wheel assembly. They are available in manual, mechanical assist, and electric powered designs. A new four-color, eight-page brochure has layouts that illustrate the 50 percent space saving or 100 percent capacity increase provided by mobile storage. Special features include fast, easy access; lockable modules; protection against dust, fire, and water damage; and ease of expansion or relocation. Spacesaver Corporation.

Circle 200 on reader service card

The Cypress Bench has comfortable padding and wood trim. Trim is finished in walnut, natural oak, medium oak, or mahogany. Upholstery can be selected from fabrics and leathers. AGI Industries.

Circle 103 on reader service card

Thermospan™ insulated overhead sectional door for commercial and industrial applications provides an installed door U-value of .11, according to ASTM C-236-66. A thermal break separates inner and outer skins to eliminate heat or cold conduction through the section. Pre-painted inner and outer skins provide corrosion resistance. A solid polyurethane core adds to insulating efficiency, quiet operation, and strength. Wayne-Dalton Corp.

Circle 104 on reader service card

Wood doors catalog features Marvin's newest door products and its established line. New products include clad terrace doors, French doors, sidelights, and transom windows. All are shown in four colors and described in detail with specification, installation, and energy information. Marvin Windows.

Circle 201 on reader service card

Trash receptacles, benches, and planters are available in fiberglass, wood, or a combination of the two. A four-page brochure illustrates 20 different Fibremart Designs products in a variety of shapes, colors, and designs. Specifications include materials, dimensions, and colors. Kadec Industries, Inc.

Circle 202 on reader service card



A round revolver door featuring a curved glass drum is available in traditional aluminum, stainless steel, or bronze. Operation is manual, power-assist, or completely automatic. It can be set to revolve continuously or it can be activated by a microwave motion detector that detects pedestrians in front of the door. It can be equipped with a "handicapped" button to slow the door to as low as two RPM. The control-flow four-wing version allows free or controlled traffic flow from one or both directions. Horton Automatics.

Circle 105 on reader service card



Palio crescent-shaped table/task lamp designed by Perry King and Santiago Miranda is 15.7 inches high and 13.8 inches wide. It produces light through an elliptical two-piece opal glass diffuser body and a crescent-shaped aluminum reflector suspended by thin, chrome-plated brass rods over the diffuser. It has a black die-cast aluminum base with a rotary dimmer/on-off switch. The reflector is available in polished aluminum or polished copper-plated finishes with a textured, matte white inner surface. Atelier International Lighting.

Circle 106 on reader service card

Spectra-One lateral files are featured in a full-color brochure that shows a few of the color options available. The files also feature an integral drawer front design. Allsteel.

Circle 203 on reader service card

Formica Metal Laminate has a range of metal tones, finishes, and raised surface patterns. The aluminum-surfaced laminate comes in coppertoned, natural, brasstomed, bronzetoned, and steeltomed. There are three-dimensional raised surface patterns and three flush surface finishes. In all, the metal laminates offer 35 options. Formica Corporation.

Circle 107 on reader service card

Vectorstrobe emergency light provides exit directions during power outages or when smoke obscures ceiling-mounted emergency lights and exit signs. The unit consists of a 48-inch strip having six electroluminescent arrows mounted about 18 inches off the floor, where it will not be obscured by rising smoke. In an emergency, activated by a power failure or by a remote smoke detector or fire alarm system, the six arrows illuminate in a strobe effect to indicate clearly the means of egress. Chloride Systems.

Circle 108 on reader service card

Thermostop blinds reduce heat loss through a window by more than 21 percent, compared to conventional blinds, and as much as 45 percent over windows without blinds. Thermostop is a "golden" finish applied to one or both sides of mini and micro blind aluminum slats, preventing the slat from radiating as much heat as a painted metal surface. Five new interior colors are Shadow Gray, Gulf Blue, Shell, Almond, and Rosewood. Hunter Douglas.

Circle 109 on reader service card

The American Classics Marble brochure shows eight colors available: Solar Gray, Pearl Gray Fleuri, Pearl Gray Vein, Cherokee, White Georgia, Touch of Pink, Moss Rose, and Georgia Peach. Installation photos are included in the four-page color brochure. Georgia Marble Company.

Circle 204 on reader service card

Minerit cement building panels are made of asbestos- and silicate-free cement and provide fire protection, rot and moisture resistance, noncombustibility, and durability. An eight-page color brochure describes features and benefits. The panels are suitable for interior and exterior construction and are available in a variety of sizes and thicknesses. Also available is a finish of natural stone. Sanspray Corporation.

Circle 205 on reader service card

Mark IV and V Omnicams ceiling-mounted surveillance systems are miniaturized from the 25-inch Mark II to the 12.5-inch Mark IV and the 8.6-inch Mark V. The acrylic dome has an internal metallized coating that permits one-way viewing, so the camera can "see" out but no one can see in. Both are offered with black-and-white or color cameras. Vicon Industries.

Circle 110 on reader service card

Force 10,000 concrete admixture derives its name from the ability to increase regular concrete's strength from 4000–5000 pounds per square inch to over 10,000 pounds per square inch. It enables the use of smaller beams and columns in high-rise buildings and allows for greater design flexibility. Potential markets include parking garages, bridges, and structures near the ocean that are under attack by both natural and man-made salts. W.R. Grace & Co.

Circle 111 on reader service card

(continued on page 116)

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The Petit Femina pedestal sink measures only 17 inches front to back and 19⁵/₈ inches side to side, occupying less space than is normally required. Especially designed for powder room or smaller bathroom, the sink is offered in a choice of eight colors. Porcher, Inc.

Circle 112 on reader service card

Architectural Criterion resilient tile for commercial floors, in 20 colors, disperses the colors throughout the thickness of the tile to provide durability for heavy traffic areas. Criterion Solids companion tiles come in six colors to complement the colors of Architectural Criterion. The tiles are 12 inches square. Kentile Floors.

Circle 113 on reader service card

Industrial Lighting Products Digest, a 24-page catalog, covers Holophane's full line of indoor and outdoor industrial luminaires. It provides features, advantages, applications, lamp types and wattages, specifications, and ordering data. Quick calculation guides are included for determining the number of luminaires needed for indoor and outdoor applications. Holophane Division, Manville.

Circle 206 on reader service card

Miradrain 6000 for drainage applications that require flow in only one direction allows the flat side of the dimpled core to fit directly against wall surfaces for optimum drainage of soils adjacent to foundation walls. According to the manufacturer, it effectively reduces hydrostatic pressure against below-grade structures and aids in dewatering saturated soils by conveying ground water to drainpipes. It has a lightweight, high-impact polymeric drain core with flow channels on one side only and a filter fabric bonded directly to the core's molded dimples. Mirafi, Inc.

Circle 114 on reader service card

Komcraft vinyl windows include double-hung, single-hung, slider, picture, casement, and tilt windows. Colors are white, bronze, and gray. The windows are available in traditional as well as special sizes for both residential and commercial use. Redman Building Products, Inc.

Circle 115 on reader service card

The TS 93 surface-applied door closer has a cam action that provides smoother door control with reduced resistance for more comfortable door opening, a firm latching force, and rugged back check. According to the manufacturer, it outperforms conventional rack-and-pinion closers with track arms. Dorma Door Controls, Inc.

Circle 116 on reader service card

Fiandre Ceramic Granite™ as an exterior cladding material is explored in an eight-page, full-color brochure. It focuses on individual projects throughout North America that demonstrate the design alternatives possible with this tile. The brochure also includes information on new developments in cladding system technology and technical information on the physical properties of ceramic tile as an exterior cladding material. Trans Ceramica Ltd.

Circle 207 on reader service card



The Mastro stacking chair with enameled frame and sailcloth upholstery was designed by Afra and Tobia Scarpa. Durable stain-resistant cotton sailcloth covers are removable for easy maintenance. The cylindrical enameled metal legs and PVC detailing and supports make it functional and sturdy. Mastro is also available with a wooden back and seat in red, yellow, and black ash. Domus Italia.

Circle 117 on reader service card

Concrete construction, maintenance, and restoration problems and their solutions are the subject of a 12-page brochure. Solutions include adhesives, concrete restoration products, corrosion control, grouting, industrial floor coatings, and maintenance coatings in a problem-and-solution format. Poly-Carb.

Circle 208 on reader service card

Architects' Classic Hardware, described in a six-page color brochure, provides a concealed fastening system to add durability to the hardware. This dual cone attachment stud gives additional support to the handle. Classic Hardware, for use on most Kawneer entrances, is available in stock and custom sizes, and in a variety of finishes and colors. Kawneer.

Circle 209 on reader service card



The Wintour table, designed by Alan Buchsbaum, has a patinated sheet steel top with frame and legs of lightly sandblasted ebony mahogany. It is available in two sizes: 6'-6" x 2'-6" x 28³/₄" high and 8'-2" x 38¹/₂" x 29¹/₂" high. It is shown with the Mariano Fortuny desk lamp and the Pierre Chateau 'T' stool. Ecart International.

Circle 118 on reader service card

Group 100 Valu-Screen is a low-cost, fabric-wrapped panel. It has a fabric radius top frame and full-fabric intersections, with a keyhole connecting system that creates the full-fabric look and eliminates the need for separate connecting hardware. The panel provides office flexibility with 90-degree, 3-way and 4-way configurations, and adjustable height connections. Conwed Designscape.

Circle 119 on reader service card

A fabric portfolio consists of a series of cards showing fabrics in color and providing descriptions. There are cottons, silks, linen prints, rayons, cotton prints, and tapestries. Services include flameproofing, stain protection, quilting, laminating for wallcoverings, and custom printing. A card included lists prices for samples. Westgate Fabrics.

Circle 210 on reader service card

Push and pull handles and attachments for glass, metal, and wood doors are featured in a four-page, full-color brochure. It includes technical drawings, a price list, and has a reference guide for specifiers of push/pull handles. Robar Industries, Inc.

Circle 211 on reader service card

Roll-formed copper roofing in standing-seam or batten profiles for commercial or other roofing purposes is offered in 16-ounce half hard pure copper with a smooth or textured surface. The copper panels, which can be used for vertical and inclined applications down to 3:12 slope, offer flexibility for difficult hip, mansard, and soffit conditions. ASC Pacific Inc.

Circle 120 on reader service card

Infiniround luminaires are available in three sizes with five optical systems: IES Type I, IES Type II, Type III, Type V Square, and Front Beam. Mounting can be either pole-side or pole-top, and single-, double-, triple-, and quad-arm configurations. Emco Environmental Lighting.

Circle 121 on reader service card

Velux roof windows and flashings are available in 22-gage copper at 25–45 percent above the cost of the company's standard aluminum products, depending on model type and size. Flashing is available in the same types as aluminum products, but must be used only with copper windows because it is not compatible with aluminum. The windows and flashings offer ease of installation and protection against weather. Velux-America.

Circle 122 on reader service card

Shakes and Shingles in Panels brochure features design applications of the panels, showing several different views of each application. They range from light commercial to multifamily projects to single-family residences located in different parts of the U.S. Shakertown Corp.

Circle 212 on reader service card

Solid vinyl tile technical manual provides details on specifications and installation and maintenance procedures. The 12-page booklet includes information on how to remove old floor covering, subfloor preparation, adhesives, and wall installation procedures. Azrock Floor Products.

Circle 213 on reader service card

Mandarac 100 percent wool is a Jacquard satin weave with the luster of silk in a linear, basket-weave design. There are three multicolorways: Nile/lavender/blue, apricot/blush/pastel blue, and magenta/mauve/Burgundy. The fabric is 60 inches wide with a 66-inch repeat. Kirk-Brummel Associates.

Circle 123 on reader service card

(continued on page 118)

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The Keops Collection was designed by Alberto Lievore and Jorge Pensi. This seating group has fixed-back cushions that provide lumbar support. Steel legs are black or vanilla; frame is wood and steel; and cushions are Dacron wrapped in polyurethane foam. The group includes armchair, ottoman, love seat, three sofa widths, and a chaise longue. Upholstery is aniline dyed leather, fabrics from the company's textile collection, or COM. Kron u.s.a.

Circle 124 on reader service card

The Fusital and Forges lines of lever sets and accessories are illustrated in color in a four-page brochure. The Fusital group was created by several well-known designers including Gae Aulenti, Cini Boeri, Sottsass Associates, and Achille Castiglione. Finishes for the all-brass levers are polished brass, chrome plating, epoxy coatings in color, and

silicone rubber. The Forges line offers bright colors on a zinc alloy base. Valli & Columbo.

Circle 214 on reader service card

Brand-Rex® Tape Cable® flat flex cable is used for signal or power in applications that include inside or outside cabinets, over or under carpet, and indoors or outdoors. A 22-page brochure has a detailed description of the standard product line and a technical reference section. Tables describe typical insulations, flat wire sizes, and UL Tape Cable listings. Included with the brochure are cable samples. BRIntec Corporation.

Circle 215 on reader service card

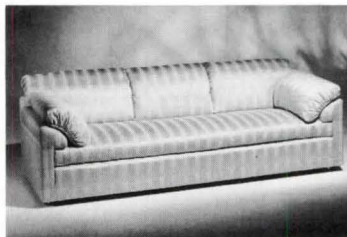
Sports Surfacing Systems brochure illustrates a variety of surfaces for tennis and basketball courts, gymnasiums, and running tracks. A cut-away drawing shows the layers that make up the Plexicourt system. Each type of surface is described and there is a list of products for maintenance and repair. California Products Corporation.

Circle 216 on reader service card

The LaCosta Series lighting for parks, parking lots, and pedestrian walkways uses either a Type V reflector with a square

light distribution or a Type III reflector for controlled light. The mounting yoke provides strong attachment of the luminaire to the pole. Four high-strength bolts concealed within the cavity preserve a clean, uncluttered appearance. Baked-on powder polyester coatings are dark bronze, black, white, or sandstone. LSI Lighting Systems, Inc.

Circle 125 on reader service card



Sofa is available in lengths up to 110 inches or as a sectional sofa. The curved cushions for back and arms and the seat cushions are down-filled. John Widdicombs Co.

Circle 126 on reader service card

Amarlite TWS III® strip window system eliminates exterior metal on the intermediate verticals by securing the glass directly to the inner mullion with structural silicone. With the TWS III

system, the mullion can be installed after the glass has been set in, minimizing exterior installation of heavy glass plate. The strip window is suitable for low-to medium-rise office buildings. ARCO Building Products.

Circle 127 on reader service card

Chromalux full-spectrum bulbs are said to duplicate the characteristics of natural daylight. Made of special composition hand-blown glass, bulbs are neither colored nor coated. The glass contains Neodymium, a rare earth metal that absorbs yellow and other dulling components of the spectrum that cause objects to lose true colors. Applications include libraries, offices, operating rooms, and research laboratories. Lumiram Corp.

Circle 128 on reader service card

Low-wattage metal halide cylinders have a faceted lower and hammer-toned upper reflector specifically designed for the new 100-watt MH E-17 lamp by SYLVANIA. Features include tempered lens, diecast trim, diecast heat dissipating top with radial fins, and molded EPDM gasket. It is suited to retail store merchandising, lobbies, banks, and airports. Prescolite.

Circle 129 on reader service card

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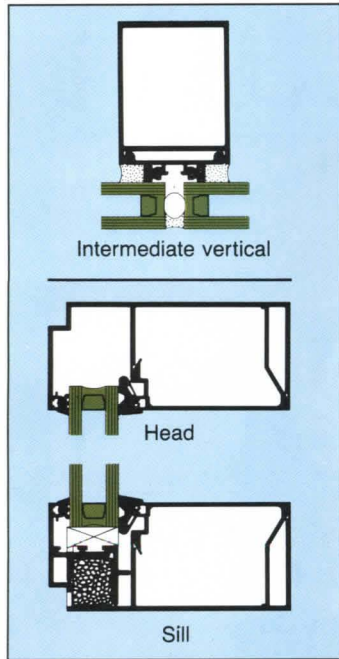
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P/A in January



Jury for the 34th P/A Awards: seated l. to r. Ricardo Legorreta, Bernardo Fort-Brescia, Vivian Loftness; standing l. to r. Thomas Hines, George Notter, Joe Berridge, George Hoover, John Templer.

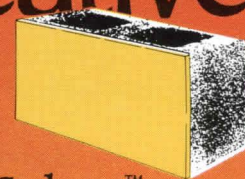
P/A Awards Issue

The eight renowned jurors for the 34th annual P/A Awards program selected 23 projects for premiation this year out of a total of 805. In a change from recent years, this program saw the granting of two First Awards, and both were for projects that include multiple-family housing. The other 21 honored submissions were divided into five Awards and six Citations in Architectural Design, two Awards and three Citations in Urban Design and Planning, and an Award and four Citations in Research. The special qualities that set these winners apart will be fully discussed, along with the jurors' comments on why these 23 projects were chosen for recognition. Other commentary—as always—is on where American architecture is headed for the coming year.

P/A in February and Beyond

The February issue will feature important new buildings by Gwathmey Siegel & Associates, and by James Stewart Polshek & Partners. The June issue will be devoted to Young Architects (see entry form on page 102), and a P/A Profile on the work of a major firm is planned for later in the year. P/A Reader Poll Reports will investigate career satisfaction, and ask what you think about the AIA. During the year, P/A Practice articles will cover important aspects of law, specs, computer applications, and special topics such as building failures.

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Progressive Architecture

1986 Annual Index

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Introduction Architectural Design, 33rd Annual P/A Awards (Jan., pp. 82-83).
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A2Z: Offices and Workshop, Los Angeles (Sept., pp. 114–116). **Robert Adam**: Lansdowne House Drawing Room, Philadelphia Museum of Art (Sept., pp. 145–147). **Aktin, Voith & Associates**: Renfrew Center, Philadelphia (Apr., pp. 97–100). **Christopher Alexander**: Profile of Built Projects, Discussion of Theory (June, pp. 92–103). **Emilio Ambasz**: 1992 Universal Exhibition, Seville, Spain (Sept., pp. 43–46). **Anderson/Schwartz Associates**: Windham Hill Productions, Palo Alto, CA (Sept., pp. 102–106). **Tadao Ando**: Installation (with designer Shiro Kuramata) Tokyo Form and Spirit Exhibition, Walker Art Center, Minneapolis, MN (Apr., pp. 108–113). **Archetype**: St. Mary's School Gym, Alexandria, VA (Apr., pp. 114–123). **Architectural Collective**: Sunset/Shoreham Buildings, West Hollywood, CA (Jan., pp. 100–103). **Erik Gunnar Asplund**: Anniversary Exhibitions, Lectures and Symposiums (Jan., pp. 45–46). **Gae Aulenti**: Palazzo Grassi, Venice, Italy (Apr., pp. 25, 27). **Hinrich and Inger Baller**: Fraenkelufer Housing Complex, Berlin (Feb., pp. 93–101). **Edward Larrabee Barnes**: Equitable Life Assurance Society Headquarters, New York (May, pp. 25–26); Museum of Art, Ft. Lauderdale, FL (July, pp. 32, 34).

Batey & Mack: Knipschild Residence, Glen Ellen, CA (July, pp. 94–97). **Bengert, Jansen, Scholz, Schultes**: Ritterstrasse North Housing Project, Berlin (Feb., pp. 93–101). **Bentler & Heery**: H. Lee Moffitt Cancer Center, Tampa, FL (Aug., pp. 80–87). **H.P. Berlage**: Gemeentemuseum (June, pp. 29–30). **Charles Bettisworth & Company**: Two Rivers School, Fairbanks, AK (Apr., pp. 114–123). **Bohlin Powell Larkin Cywinski**: Shelly Ridge Girl Scout Center, Philadelphia (Apr., pp. 114–123). **Gottfried Bohm**: Zublin Headquarters, Stuttgart, West Germany (July, pp. 115–118). **Ricardo Bofill**: Apartment Complex, West New York, NJ (Feb., pp. 21, 23). **Booth Hansen & Associates**: Kinkead Pavilion, Krannert Art Museum, University of Illinois (Jan., pp. 96–97). **Boston Architectural Team**: Jefferson Park Housing (with Communitas) Boston (May, pp. 92–97). **Brenner/Tonon**: Rauchstrasse Complex, Berlin (Feb., pp. 93–101). **Bruner/Cott & Associates**: Washington Elms Housing, Cambridge, MA (May, pp. 92–97). **John Burgee Architects with Philip Johnson**: College of Architecture (with Morris Aubry Architects) University of Houston (Aug., pp. 27–28); Portamerica, Washington, D.C. (Oct., pp. 33, 38); International Place, Boston, MA (Oct., pp. 34–35). **Campbell, Wilkinson, Zogolovitch & Gough**: China Wharf, London (Feb., pp. 102–105). **Carr-Lynch Associates**: Franklin Field (with Wallace, Floyd Architects); Commonwealth Development (with Tise, Wilhelm & Associates) Boston (May, pp. 92–97). **Centerbrook**: (with Charles Moore) Hood Museum, Dartmouth College, Hanover, NH (Jan., p. 30). **W.G. Clark**: New Orleans Museum of Art (Sept., pp. 23, 25). **Clark & Menefee**: Middleton Inn, Charleston, SC (May, pp. 83–91). **Clements/Rumpell/Associates**: Florida A&M School of Architecture, Tallahassee, FL (Apr., pp. 114–123). **Communitas**: Jefferson Park Housing (with Boston Architectural Team) Boston, MA (May, pp. 92–97). **Conklin Rossant**: Townhouse Addition, New York (May, pp. 103–109); Battery Park City Building, New York (June, pp. 37–38). **Cooper, Eckstut Associates**: Battery Park City, New York (June, pp. 37–38); Profile: Battery Park City, Hoboken Waterfront, Cityfront Center, Chicago and Two Houses (July, pp. 98–106).

Corrigan, Soundy, Kilaiditi: Elephant Lane Development, London (Feb., pp. 102–105). **Crozier Associates**: Hayes Home and Thacher House, Albany, NY (May, pp. 92–97). **J.R. Davidson**: Stothart Residence, Santa Monica, CA (Feb., p. 25). **Davis, Brody & Associates**: Mt. Sinai Residential Hall, New York (May, pp. 103–109); Battery Park City Building, New York (June, pp. 37–38); New York Public Library Restoration, New York (Aug., pp. 88–95). **DiNapoli/Berger**: Brandeis Hillel Day School, San Francisco (May, pp. 103–109). **Andres Duany and Elizabeth Plater-Zyberk**: Galen Medical Building Boca Raton, FL (Apr., pp. 101–103). **Jeremy Dixon**: Dudgeon's Wharf Housing, London (Feb., pp. 102–105). **Donovan and Green**: Herman Miller Showroom, Grandville, MI (Feb., pp. 106–109). **The Ehrenkrantz Group/Building Conservation Technology**: Rugby Colony, Rugby, TN (Jan., pp. 108–113). **Ellerbe Associates**: The Ice Palace, St. Paul, MN (Jan., pp. 98–99). **ELS Architects**: Glendale Downtown Study, Glendale, CA (Jan., pp. 118–121). **Terry Farrell**: Projects in Progress (July, pp. 47–51). **Foster Associates**: HongkongBank, Hong Kong (Mar. Special Issue, pp. 67–109); Stansted Airport, London (Sept., p. 29). **Ganz and Rolfes**: Ritterstrasse North Complex, Berlin (Feb., pp. 93–101). **Garfield-Hacker Partnership**: Museum for the Arizona Historical Society (Jan., pp. 32, 35). **Frank Gehry**: Retrospective, Frances Howard Goldwyn Hollywood Regional Library, Rebecca's Restaurant, Information & Computer Sciences/Engineering Research Facility, Gehry Discussion and Works in Progress (Oct., Special Issue, pp. 69–101; see also: Nov., p. 26). **John Goldman & Associates**: West Fairacres Village (with Dan Solomon & Associates Omaha (July, pp. 106–111). **Goody, Clancy & Associates**: West Broadway Housing (with Lanel Frenchman & Associates) Boston (May, pp. 92–97). **Giorgio Grassi**: Rauchstrasse Commercial Complex, Berlin (Feb., pp. 93–101). **Michael Graves**: Mixed Use Development, New York (Apr., pp. 25–26). **Gron dona/Architects**: Boardwalk Fries, Claudia's and Wonder Sushi Plus, San Diego, CA (Sept., pp. 117–121).

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- Kristian Gullichsen:** *Parish Center, Kauniainen, Finland* (Feb., pp. 88–92).
- Guthrie/Slusarenko, Leeb:** *Washington Zoo Master Plan, Portland, OR* (Jan., pp. 128–130).
- Gwathmey Siegel & Associates:** *Guggenheim Museum Addition, New York* (May, pp. 25, 32); *Knoll Showroom, Chicago* (Sept., pp. 141–144).
- Paul Haigh:** *Haigh Space, P/A Profile; Furniture Design, Showroom, Restaurant and Residential Interiors* (Sept., pp. 122–127).
- Lawrence Halprin:** *Retrospective, San Francisco Museum of Modern Art* (Sept., pp. 23, 25).
- Hiroshi Hara:** *Installation, Tokyo Form and Spirit Exhibition, Walker Art Center, Minneapolis, MN* (Apr., pp. 108–113).
- Heery Architects and Engineers:** *Coca Cola Headquarters, Atlanta, GA* (July, p. 26).
- John Hejduk:** *Gateway/Clock Scheme, Berlin* (Feb., pp. 93–101).
- Heller & Leake:** *Two Buildings, San Francisco* (Aug., pp. 23, 25).
- HOK:** *Prudential Life Insurance Site, Boston* (Mar., pp. 21, 25).
- Craig Hodgetts:** *Corman Residence, Santa Monica, CA* (Feb., p. 25).
- Ernst Hoffman:** *Fire Station, Modling, Austria* (May, pp. 98–102).
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- Steven Holl, Architects:** *Berkowitz-Odgis House, Martha's Vineyard, MA* (Jan., pp. 104–106).
- Hans Hollein:** *Rauchstrasse Commercial Complex, Berlin* (Feb., pp. 93–101).
- Hoover Berg Desmond:** *Light of the World Catholic Church, Littleton, CO* (Feb., pp. 82–87).
- Michael Hopkins:** *British Telecom, London* (Feb., pp. 102–105).
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- Richard Morris Hunt:** *Exhibitions, Municipal Art Society, Metropolitan Museum of Art, New York* (May, p. 28).
- Arata Isozaki:** *Installation (with designer Eiko Ishioka) Tokyo Form and Spirit Exhibition, Walker Art Center, Minneapolis, MN* (Apr., pp. 108–113); *Museum of Contemporary Art, Los Angeles* (Nov., pp. 83–95).
- Toyo Ito:** *Installation (with designer Kohei Sugiyama) Tokyo Form and Spirit Exhibition, Walker Art Center, Minneapolis, MN* (Apr., pp. 108–113).
- Helmut Jahn:** *Television City, New York* (Jan., p. 25).
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- Koetter, Kim & Associates:** *University Park, Cambridge, MA* (Jan., pp. 114–117).
- Kohn Pedersen Fox:** *Equitable Life Insurance Headquarters, New York* (May, pp. 25–26).
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- Rem Koolhaas:** *Mixed-use Building, Berlin* (Feb., pp. 93–101).
- Leon Krier:** *Director SOM Institute* (Nov., p. 25, 30; see also: July, p. 23).
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- Walter Kroner:** *Rennselaer Polytechnic Institute Visitor Center, Troy, NY* (Apr., pp. 114–123).
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- Lerner & Reid:** *Housing Scheme, London* (Feb., pp. 102–105).
- Maki & Associates:** *The Spiral, Tokyo* (Apr., pp. 87–95); *Installation (with designer Kiyoshi Awazu) Tokyo Form and Spirit Exhibition, Walker Art Center, Minneapolis, MN* (Apr., pp. 108–113).
- Willard K. Martin:** *Obituary* (Jan., p. 26).
- Robert Mangurian, STUDIO WORKS:** *Gilcrest Residence, Hollywood, CA* (Jan., pp. 88–91).
- Mazria/Schiff & Associates:** *Mt. Airy Public Library (with J.N. Pease Associates), NC* (Apr., pp. 114–123).
- Richard Meier:** *People's Bank Headquarters, Bridgeport, CT* (Apr., p. 25); *Film Portrait* (Sept., pp. 26, 29).
- Mies van der Rohe:** *Exhibition, Museum of Modern Art, New York* (Feb., pp. 21, 23); *German Pavilion, Barcelona, Spain* (Aug., pp. 61–67); *Houston Museum of Fine Art Master Plan* (Sept., pp. 32, 34).
- Miller/Hull Partnership:** *AWARE Shelter (with Frank Maier), Juneau, AK* (Apr., pp. 104–107).
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- Heinz Mohl:** *Heinrich Hubsch School, Karlsruhe, West Germany* (July, pp. 115–118).
- Rafael Moneo:** *National Museum of Roman Art, Bankinter Addition, Town Hall, Spain* (June, pp. 73–85).
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- Charles Moore:** *Hood Museum (with Chad Floyd), Dartmouth College, Hanover, NH* (Jan., p. 30); *Oceanside Civic Center (with Urban Innovations Group and Danielson Design Group), CA* (Mar., p. 23); *Battery Park City Building, New York* (June, pp. 37–38).
- Moore, Ruble, Yudell:** *Multi-use Complex, Berlin* (Feb., pp. 93–101).
- Morris Aubry Architects:** *College of Architecture (with John Burgee Architects with Philip Johnson), University of Houston* (Aug., pp. 28–29).
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- Nicholas Lacy Jobst & Hyett:** *Heron Quay Development, London* (Feb., pp. 102–105).
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- Pacific Associates Planners Architects:** *Home Sweet Home Residence, San Diego, CA* (Jan., pp. 84–87).
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- I.M. Pei & Partners:** *Wiesner Building, MIT, Cambridge, MA* (Jan., pp. 28, 30); *Financial Center (with SOM and YRM), London* (Feb., pp. 102–105).
- Gustav Peichl:** *Water Depollutant Plant, Berlin* (Feb., pp. 93–101).
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- James Stewart Polshek and Partners:** *U.S. Embassy, Oman* (Jan., pp. 92–95); *Battery Park City Building, New York* (June, pp. 38–39).
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- Antoine Predock:** *Fine Arts Complex and John C. Galvin Playhouse, Arizona State University* (Feb., pp. 21, 26); *Children's Museum, Las Vegas* (Nov., pp. 25, 28).
- Wim Quist:** *Addition to Gemeentemuseum* (June, pp. 29–30).
- Richard Rogers & Partners:** *Lloyd's of London Interiors, London* (Sept., p. 140; see also: Oct., pp. 33, 35).
- Larry Rouch & Company:** *Jordan Shop, Seattle, WA* (Sept., pp. 98–101).
- Aldo Rossi:** *Housing Block, Rauchstrasse Complex, Berlin; Housing Scheme, Berlin* (Feb., pp. 93–101).
- Gottfried Semper:** *Semper Opera House, East Germany* (Nov., pp. 96–109).
- Karl Friedrich Schinkel:** *Schauspielhaus Theater, East Berlin* (Nov., pp. 96–109).
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- SITE:** *Expo 86 Sculpture, Vancouver, Canada* (July, pp. 23–24); *Pershing Square, Los Angeles* (Oct., pp. 33–34).
- SOM:** *Financial Center (with I.M. Pei & Partners and YRM), London* (Feb., pp. 102–105); *Equitable Life Assurance Society Headquarters, New York* (May, pp. 25–26); *Sears Building, Chicago* (May, pp. 39–40); *Foundation's Traveling Fellowships* (July, pp. 23, 30); *Building, San Francisco* (Aug., pp. 23, 25).
- Dan Solomon & Associates:** *West Fairacres Village (with John Goldman Associates), Omaha, NE; Amancio Ergina Village, San Francisco* (July, pp. 106–111).
- Robert A.M. Stern Architects:** *Public Television Series* (Mar., pp. 21, 23); *Profile Residential Developments, Single Residences* (Aug., pp. 68–79).
- James Stirling, Michael Wilford & Associates:** *Mansion House Square, London* (July, pp. 23, 39).
- Louis Sullivan:** *Function of Ornament Exhibit, Chicago Historical Society* (Nov., pp. 27–28).
- Tigerman Fugman McCurry:** *Herman Miller Showroom, Chicago* (Feb., pp. 106–109).
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- Susana Torre:** *Wallach Fine Arts Center (with Wank Adams Slavin), Columbia University, New York* (Sept., pp. 128–131).
- Valentiny, Hermann:** *Rauchstrasse Complex, Berlin* (Feb., pp. 93–101).
- Robert Venturi:** *National Gallery Extension, London* (Mar., p. 21).
- Wallace, Floyd Associates:** *Franklin Field Housing (with Carr-Lynch Associates), Boston* (May, pp. 92–97).
- Wank Adams Slavin:** *Wallach Fine Arts Center (with Susana Torre), Columbia University, New York* (Sept., pp. 128–131).
- John Weidt Associates:** *Security State Bank, Wells, MN* (Apr., pp. 114–123).
- Frank Lloyd Wright:** *Johnson Wax Building* (Apr., p. 27); *Guggenheim Museum Addition, New York* (May, pp. 25, 32); *Charmley House, Chicago* (July, p. 23); *Taliesin West Projects* (July, pp. 34, 36).
- Russel Wright:** *Dragon Rock, Garrison, NY* (Nov., pp. 43, 48).
- Minoru Yamasaki:** *Obituary* (Apr., p. 26).
- YRM Britain:** *Financial Center (with SOM and I.M. Pei & Partners), London* (Feb., pp. 102–105).
- Zimmer Gunsell Frasca Partnership:** *Union Station, Seattle, WA* (Jan., pp. 125–127); *Banfield Light Rail, Portland, OR* (Nov., pp. 25, 31, 32).



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SUNY at Buffalo's Department of Architecture is recruiting three full-time tenure track faculty for Fall 1987. Two of the faculty are being recruited at the rank of assistant or associate professor to teach design studios as well as support courses. The third position is also being recruited at the rank of assistant or associate professor and will primarily focus on the further development of our second professional, M.Arch., degree program in Advanced Building Technology. Salary for all positions according to rank and qualifications. Applicants should write to Professor Hiroaki Hata, Chairman, Faculty Search Committee, Department of Architecture, School of Architecture and Environmental Design, State University of New York at Buffalo, Hayes Hall, Buffalo, New York 14214. Applications should be submitted not later than 15 February 1987 and should include: a complete resume; a list of at least three references with full names, addresses, and phone numbers; and samples of professional, artistic, and scholarly work. As an equal opportunity/affirmative action employer, SUNYAB is particularly interested in identifying and recruiting qualified applicants who are women, handicapped persons, and members of ethnic minority groups.

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OKLAHOMA STATE UNIVERSITY, School of Architecture anticipates having three tenure track positions for August 1987. Two positions will be in architecture at either the Assistant or Associate Professor level with primary responsibility in design and secondary responsibility in history and theory, CAD, or systems and materials. A third position at the Assistant or Associate professor level in architectural engineering is also anticipated with primary responsibility in structures and secondary responsibility in systems and materials, CAD, environmental control or another related technical area of personal interest.

To receive full consideration, applicants should submit a letter of application, vitae, and the names and addresses of three references by February 15, 1987 to:

Chairman, Faculty Search Committee School of Architecture Oklahoma State University Stillwater, OK 74078

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Architect: Provide services in research, development, design, construction, alteration & repair of real property with emphasis in Oriental design styles. BS in Architecture with 2 yrs. exp. in job offered or Master of Architecture in lieu of exp. Must know CAAD & Oriental architecture/design. Must speak & write Chinese (Mandarin). \$3000/mo. 40 hrs/wk. Job site/interview: Monterey Park, Ca. Send ad & resume to Job HO-7912, P.O. Box 9560, Sacramento, Ca. 95823-0560 not later than 12-31-1986.

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The Graduate School of Architecture and Urban Planning at UCLA invites applications for a full-time, tenure-track position in the Architecture/Urban Design Program, beginning academic year 1987/88. The successful applicant will be expected to teach in the area of Design Theory and Methods with a focus on Computer Aided Design, and to actively pursue research activities in this area. The ability to integrate CAD in design studios is also desirable. UCLA is an Equal Opportunity/Affirmative Action employer and the Architecture/Urban Design Program especially encourages applications from women and members of minority groups. Applicants are asked to submit letters of inquiry, including curriculum vitae and the names and addresses of at least three referees by January 12, 1987 to **Lionel March, Head, Architecture/Urban Design Program, Graduate School of Architecture and Urban Planning, Los Angeles, CA 90024.**

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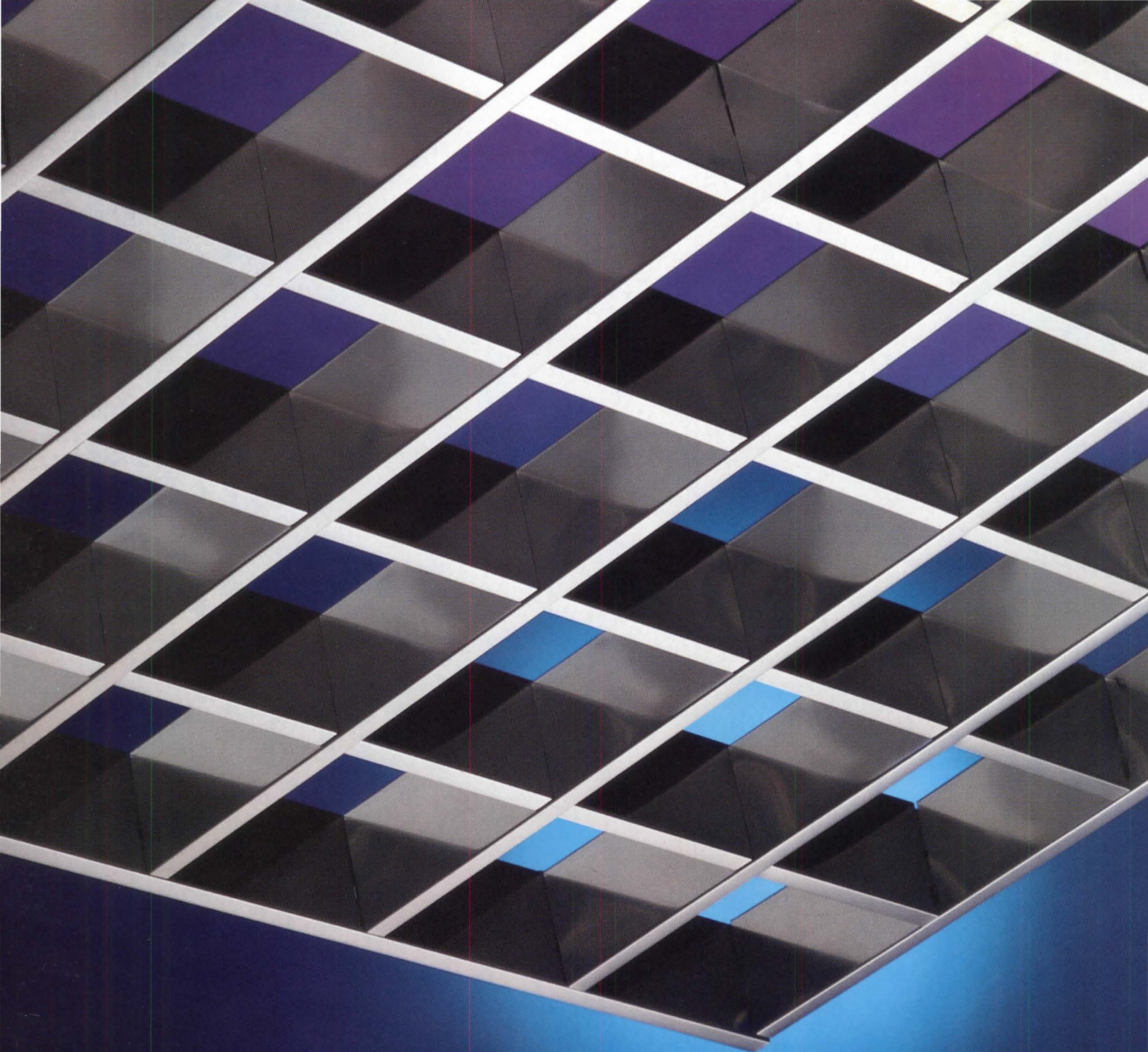
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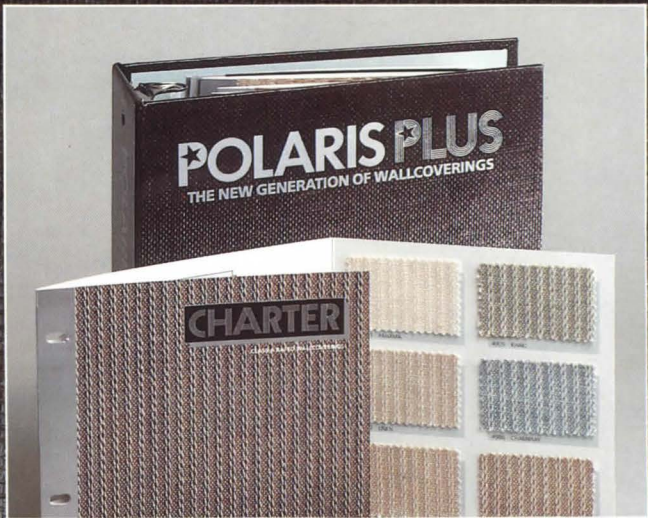
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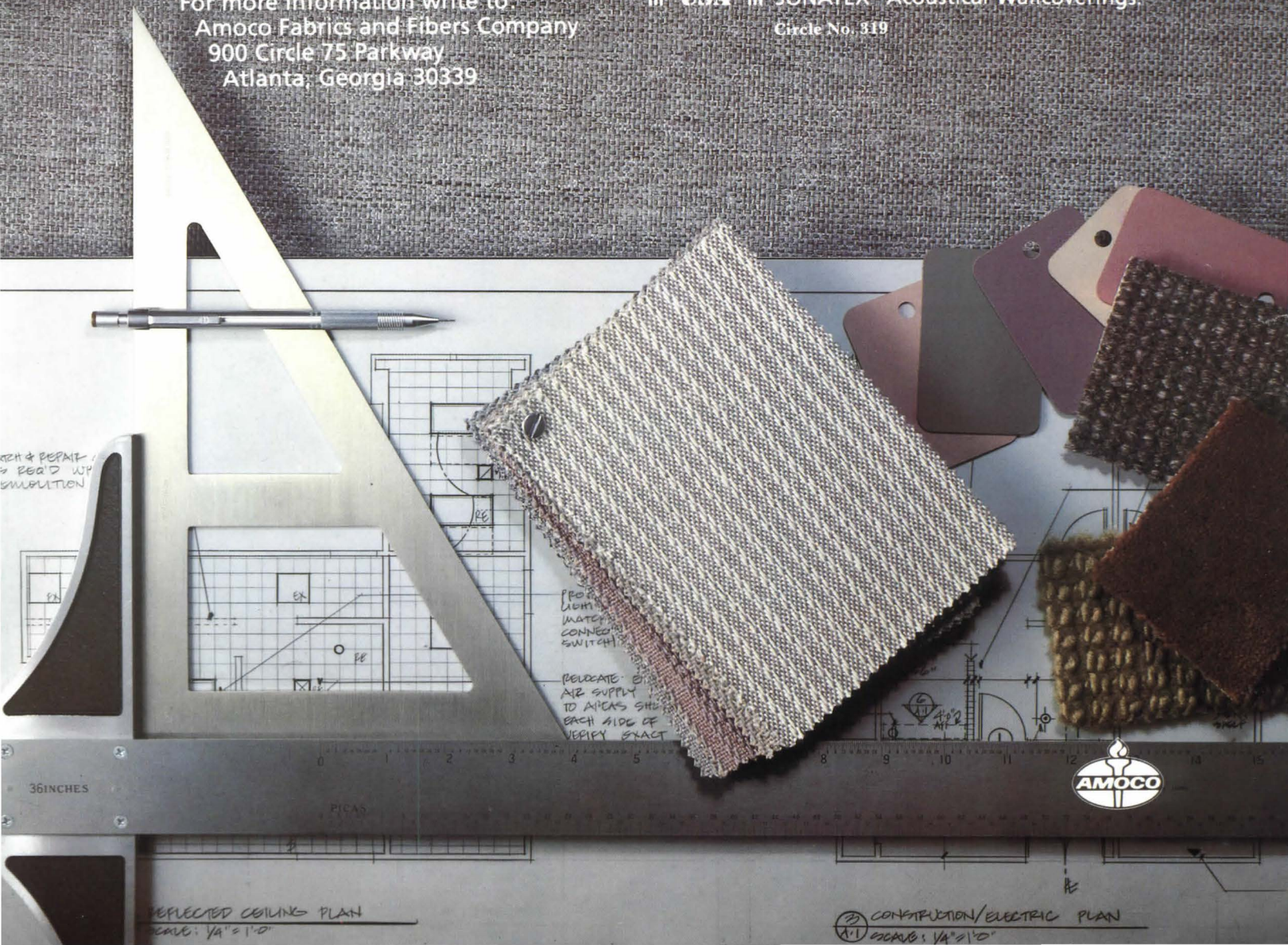
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