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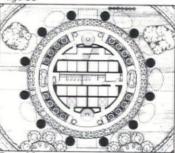
## contract Interiors

A BILLBOARD PUBLICATION 90th year of continuous publication

12/77



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Dates

News

Gerhardt Nodel's sail-like work of art seems to billow towards the glowing fan louvers heading the giant pillars in the atrium of Detroit Plaza Hotel (pp. 66-75). Photograph by Stuart Romm, of architect John Portman's staff.

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Detroit Plaza Hotel

66 Architect John Portman's latest hotel shares its public spaces-including the skylit atrium at its core-with the office buildings and retail spaces of his Renaissance Center, the ambitious centercity development backed by Henry Ford II.

#### Health Codes

76 Joseph Sprague of American Hospital Assoc. describes how NFPA standards and excessive building codes dictate health care design.

**Emanuel Hospital** 

78 Portland, Or. gets a new lobby/link between existing facilities and a triangular shaped nursing tower in an on-going renewal project by architects Kaplan/McLaughlin.

Lutheran Medical Center

82 An abandoned foundry is converted to a community medical center in Brooklyn, N.Y. by architects Rogers, Butler & Burgun.

Opthalmologist's office

Ferendino, Grafton, Spillis, Candela create a serene and unobtrusive atmosphere in a Coral Gables, Fl. doctor's

Dentistry for Children

Noel Jeffrey's dental clinic for New York University features bright colors and imaginative furnishings that children really enjoy visiting.

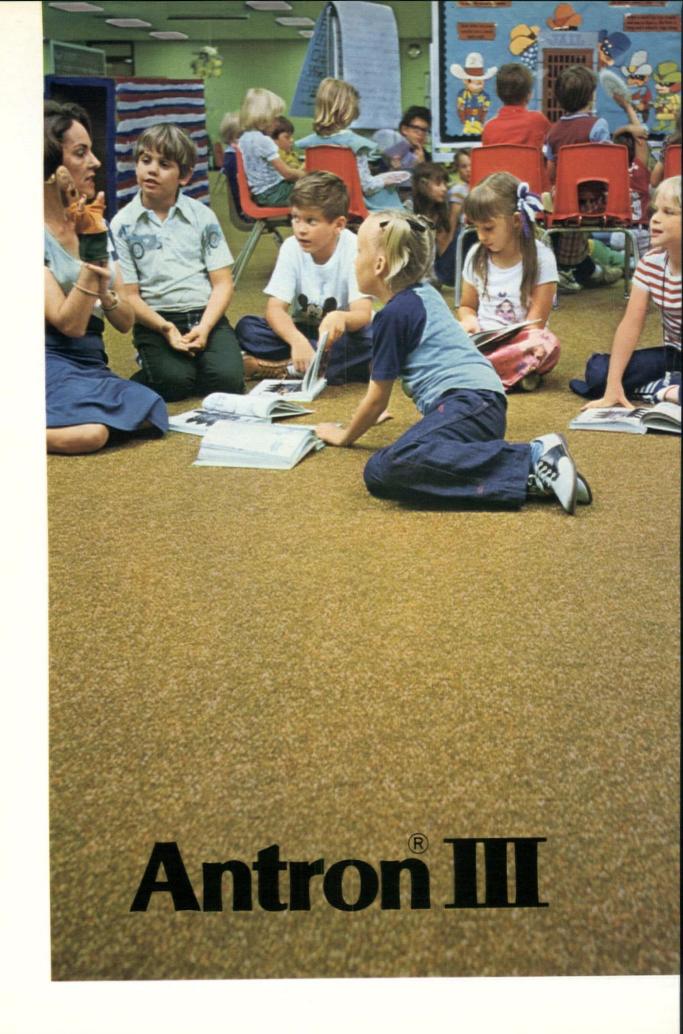
Designers' Club

A perfect place for designers to relax at Pacific Design Center, Los Angeles is Janice Kerchman's oasis for functional conferences and fanciful conviviality.

Greenhouse Restaurant

Sarasota, Fl. boasts a new restaurant that rambles its way through a dense Floridian jungle. Underlying its self effacing form is a ten-ft. module.

Directory of America's Great Sources 102



# Antron III hollow filament nylon. The carpet fiber with lasting good looks and durable static protection. At Spring Independent School District.

"Antron" III hides soil. Antron\* III hollow-filament nvlon is designed to mask the presence of soil. You can see the remarkable hollow-filament structure of this fiber in this 250X electron micrograph. The four microscopic voids optically scatter light to hide soil. This configuration also creates the effect of blending soil concentrations into the overall carpet look. The smooth exterior shape minimizes soil entrapment to facilitate

"Antron" III controls static shock. "Antron" III nylon offers built-in protection against static shock. Its nylon sheath and core of polymeric conductive material is designed to control the generation of static electricity comfortably below the level of human sensitivity. This protection works well in all locations, including areas where relative humidity is extremely low. Extensive Du Pont tests confirm "Antron" III maintains effective static control even after 3 million traffics, repeated vacuuming and regular

Flooring contractor: Contract Floors, Houston. Architect: SHWC, Inc., Houston.

\*Du Pont registered trademark. Du Pont makes fibers, not carpet.

shampooing.

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Why the Spring Independent School District chose "Antron" III. They wanted carpet with low maintenance

costs and durable good looks for the Meyer Elementary School in Spring, Texas (shown), and all 11 schools in the district. That's why the school district's planning office specified 30,000 yards of carpet with pile of "Antron" III nylon for the complete project. And that's why "Antron" III nylon is the leading contract carpetfiber brand.

Specifiers'Information Kit-

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Magnification of 250X "Antron" III nylon showing hollow filaments and round, anti-static filament.



**Antron III** 

The leading contract carpet fiber brand.



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THROUGH DEC. 1-23	Sculpture & Drawing Exhibition of Charles Pollock, Sponsored by Thonet Industries, Inc., 305 E. 63, New York
JAN. 7-9	PDC International Contract Furniture Show, Pacific Design Center, Los Angeles
JAN 8-13-	Chicago Home Furnishings Market, The Merchandise Mart, Chicago, Ill.
JAN 8-13	L.A. Winter Market, L.A. Mart, Los Angeles.
JAN 9-12	High Point Winter Market, Southern Furniture Market Center, High Point, N.C.
JAN 10-15	International Furniture Show, National Exhibition Center, Birmingham, England.
JAN. 12-17	13th International Lighting Exhibition, Parc des Expositions, Porte de Versailles, Paris
JAN. 12-18	Winter Lighting/Accessories Market, 230 Fifth Ave., New York
JAN. 14-18	First Canadian Lighting and Accessory Show, Automotive Building, Exhibition Place, Toronto
JAN. 14-22	Frankfurt Textile Fair, Frankfurt, Germany
JAN 15-18	1978 Winter Home Furnishing Market, New York Furniture Exchange
JAN. 15-20	Winter Homefurnishings Market, Dallas Market Center, Dallas
JAN. 17-22	International Furniture Fair, Cologne, Germany

JAN. 18-20	CONDES V, The Dallas Contract/Design Show, Dallas Market Center, Dallas	
JAN. 22-26	Homefurnishings Winter Market, The Showplace! and The Galleria Design Center, San Francisco	
JAN. 22-27	Winter Homefurnishings Market, Designers Row, San Francisco	
JAN. 25-28	Contract West, Contract Market, Showplace Square, San Francisco	
JAN. 28- FEB. 5	24th Annual Winter Antiques Show, Seventh Regiment Armory, New York	
FEB. 8-10	IBD Student Design Rally High Point, N.C.	
FEB. 10-13	First Annual South Florida Interior Design Show, Miami Beach Convention Hall	
FEB. 15- JUNE 15	Treasures of Tutankhamun, Los Angeles County Museum of Art, Los Angeles, Ca.	
FEB. 18-26	34th Annual National Antiques Show, Madison Square Garden, New York	
FEB. 20-23	INFEX (International Floorcovering Exhibition) Metropole Exhibition Center, Brighton, England	
MARCH 8-19	Trade Fair of the Americas, Miami Exposition Center, Miami	
APRIL 1-5	Surface Design 78, Biennial conference on textile printing and dyeing, Purdue University, West Lafayette, Indiana	
MAY 3-7	Scandinavian Furniture Fair 1978, Bella Center, Copenhagen	
MAY 7-13	National Design Week,	

### BOOKS Creative Communications for a Successful **Design Practice**

by Stephen A. Kliment, AIA

Whitney Library of Design, New York. 192 pages, 125 black and white illustrations, references, index. \$22.50.

There is more-oh, woe, there is much, much more-to being a successful designer than just producing successful designs. The value of a beautiful design that no one ever saw is as moot as the noise of that tree falling in a deserted forest. And the value of a great talent no one ever commissioned is even mooter.

In addition to such obvious problems as publicity and salesmanship, the designer faces a multitude of other demands for the communication of his ideas and of the business aspects of his practice. He must concern himself with letters, memoranda, press conferences, slide presentations, submissions to design award juries, brochures, exhibition panels, and so on. Now there is a book (and a genuinely thorough and helpful one) to guide the designer through these peripheral but vital chores. Stephen Kliment, the author, is an architect, writer, and editor. He informs his readers about design communication in both theoretical terms-such as differences between writing meant to be read and writing meant to be spokenand in detailed practical termssuch as where a panel moderator should sit, how to hire and efficiently use a graphics consultant, how to write letters, how to file them, even some sensible suggestions about telephone conversations. This is an authoritative and splendidly useful book that every design professional should add to his library.

#### **Design Review:** Industrial Design 23rd Annual

#### Edited by Ann Nydele

Whitney Library of Design, New York. 192 pages, 200 black and white illustrations, directory of designers, directory of products, index. \$19.95.

A wide-ranging and thoroughly illustrated survey of the best of the past year's industrial design, including not just products and equipment but also exhibitions, environmental design, and contract and residential work. There is a felicitous foreword by George Finley, Editor of Industrial Design magazine, and each of the book's five major sections is prefaced with text taken from the frank and informed conversations of the design juries who selected the work shown. There are also useful directories of both products and designers. A valuable record of the current state of design.

Angeles

#### Decorative Art and Modern Interiors 1977

#### Edited by Maria Schofield

Van Nostrand Reinhold, New York. 184 pages, 283 illustrations, many in color, list of manufacturers and designers. \$24.95.

A handsome new edition of the annual review of international trends in furniture and decorative objects. Twenty interiors are shown, some for the first time, and a special feature is a study by Virginia West of "The Art of Fibre."

#### The Architecture of Leandro V. Locsin

#### by Nicholas Polites

(May 10-"WestWeek III") Pacific Design Center, Los

John Weatherill, Inc., New York and Tokyo. 245 pages, 48 color photographs, 134 black and white photographs, 62 plans. \$50.00.

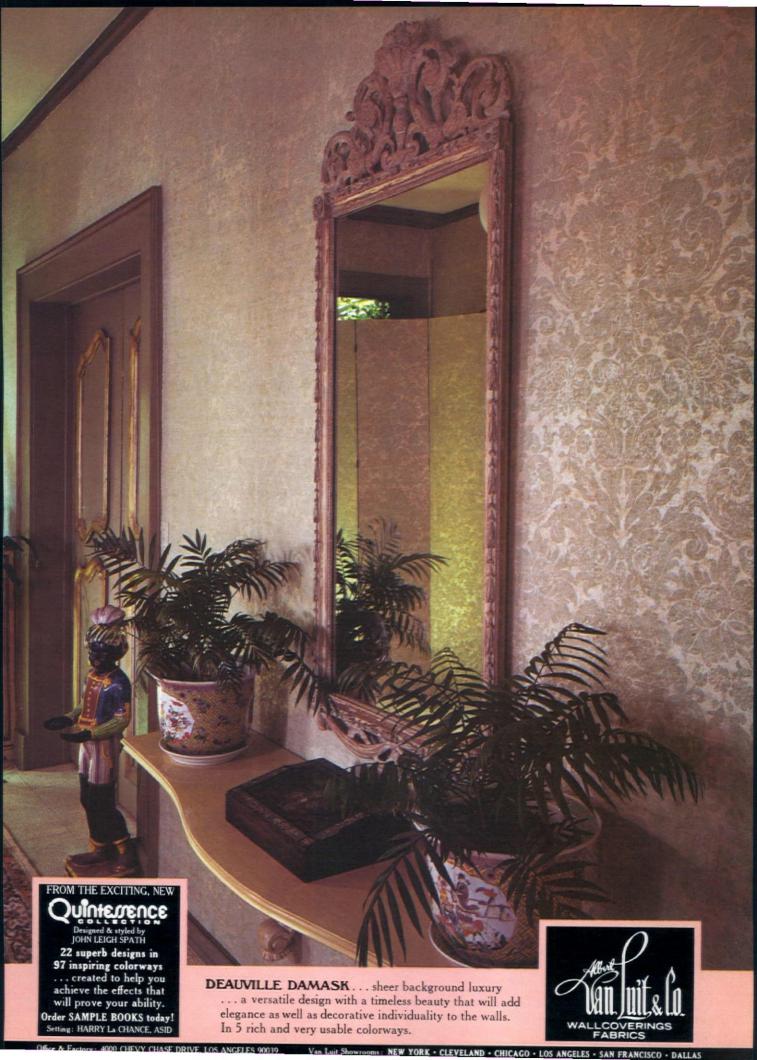
Leandro Locsin is the leading a chitect of the Philippines and o of the most prodigious architec practicing anywhere in the worl Here is an extravagantly beautif presentation of his wor churches, private homes, the car ful restoration of old structur large-scale public buildings, a even sets for Martha Graham. F lites' graceful introduction e phasizes the architecture's re tionship to Philippine climate a cultural traditions.

#### Antiques and Art: Ho to Know, Buy and Us Them

by Howard L. Katzander

Doubleday, New York. 287 pages, many illustrations, some in color, bit ography, appendices, index. \$12.00

A budget-conscious guide to bu ing art and antique furniture auction and elsewhere. Many us ful descriptions and illustratio



## **NEWS**

#### Interior space key topic at Milwaukee conference

A report for CONTRACT INTERIORS by David G. De Long

Dr. De Long is Assistant Professor of Architecture at Columbia University's Graduate School of Planning and Architecture. His reports fails to mention his own participation in the conference, an analysis of the work of architect Bruce Goff.

"An American Architecture: Its Roots, Growth and Horizons" was the subject of a conference held in Milwaukee's Performing Arts Center October 28-30. The conference, planned in conjunction with an exhibit at the Milwaukee Art Center, was organized by Brian A. Spencer, AIA, and Alan K. Lathrop. It was sponsored by the Prairie Archives of the Milwaukee Art Center and the Northwest Architectural Archives of the University of Minnesota and was supported in part by the National Endowment for the Arts and the Wisconsin Arts Board.

The conference focused on the work of Frank Lloyd Wright, his mentor Louis H. Sullivan, and their followers, including members of the Prairie School. Speakers included not only those architectural and art historians known for their work in this field, but also clients and some of the architects themselves. A lively mix of scholarly and personal views resulted, offering evidence of the depth and vitality of the subject. It was a striking demonstration of the very real significance of American architecture within the past 100

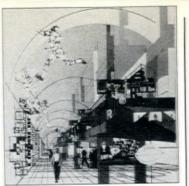
Crucial to the understanding of this architecture is the belief that building design depends on the conception of interior space. This was made evident by many of the speakers and by the exhibit itself, which included a large number of drawings of interiors as well as designs for rugs, lamps, furniture, and other objects. Several of these objects were on display, such as Frank Lloyd Wright's stunning desk, dated 1937, for the S.C. Johnson & Son Administration Building, Racine, Wisconsin.

Reflecting this concern with interior design, abstract patterns enriched interior surfaces of many of the buildings represented and discussed. These patterns sometimes amplified a particular theme of spatial organization. In other instances they seemed to derive from patterns in nature, as illustrated by the opening slide presentation of Donald G. Kalec of The Art Institute of Chicago, who, echoing an idea at least as old as Plato, suggested that nature was a fundamental source of inspiration. David Van Zanten, University of Pennsylvania, defined the architectural context of the 1860's out of which Sullivan emerged, and he further discussed how Sullivan's ornament, if not his whole approach to architecture, could derive from other sources; these included the work of Frank Furness and contemporary work in France.

Frank Lloyd Wright's contribution to the development of an American architecture can hardly be exaggerated. Edgar Kaufmann, ir., Columbia University, with his discussion of plasticity and continuity, related Wright's texts to actual designs and offered clear insights into Wright's thinking, particularly regarding his revolutionary concept of interior space. Wright's radical transformation of interior space was also discussed by H. Allen Brooks, University of Toronto. Thomas A. Heinz, FLLW Home and Studio Foundation, and others.

Many of the participants knew Wright personally. As former clients, Herbert and Katherine Jacobs, Berkeley, California, gave a sympathetic and moving account of their experiences; as former students, John H. Howe, Architect, Minneapolis, and Edgar A. Tafel, Architect, New York City, related personal anecdotes and discussed their own work; as an official representative of Mrs. Frank Lloyd Wright and the Frank Lloyd Wright Foundation, Bruce Brooks Pfeiffer, Director of Archives at Taliesin West, described the direct continuation of the Wright tradition.

Continued or next column



A Venturi and Rauch drawing

#### **Architects' Drawings**

A report for CONTRACT INTERIORS by Stan Ries

Stan Ries is an architect-photographer-designer. He has designed or photographed for Conklin Rossant Architects, MOMA, the Met, Knoll.

October was a month full of rain in the Big Apple, but with an unexpected shower of major architectural drawing shows.

The Cooper-Hewitt Museum showed a selection by R. Oliver of sketches, presentation drawings and even 2 sets of working drawings.

The Drawing Center, Soho's minimuseum devoted to works of art on paper, showed a selection by R.A.M. Stern of presentation and schematic drawings.

Finally, a commercial gallery, Leo Castelli Downtown, showed Architecture 1, selected by P. Apraxine to inaugurate a series of architectural exhibitions.

All three shows had impressive goals. The first two had a joint catalogue, a special edition of the British magazine Architectural Design, "America Now: Drawing Towards a Modern Architecture" (Pun intended?)

R. Oliver at Cooper-Hewitt states, "Drawings convey a mood, feelings and atmosphere, stimulate a sense of inhabitation of

place." Only the works of Charle Moore and Kliment & Halsband Meltzer Oliver Solomon, Roge Ferri, Sheer/Torre, really meas ure up to this stated aim. Mr. Oliver is to be commended on his in clusion of working drawings fo the general public's edification.

R.A.M. Stern is trying to "docu ment the demise of modern archi tecture; present a diversified selection of architectural drawings; an to show that they can be more tha pen and ink on white paper."

The work of Venturi and Rauc and especially Coy Howard an Stanley Tigerman go a long wa toward dispelling the pen and in myth. But judging from the diversity shown here, reports of the demise of modern architecture as premature.

P. Apraxine at Leo Castel states his show's "specific aim is tillustrate the diverse aesthetic an philosophic attitudes prevelant is contemporary architecture." Pe haps a limited goal but brilliant fulfilled in this, the largest an most elaborate architectural exhibition (outside a museum) is memory. The models of Stirlir and Meier are sculptural beautithat give architecture some su stance to its claim as a 3-D a form.

As a group the three shows su ceeded brilliantly! There was progression from a simple repo on American architecture, bu and projected, at Cooper-Hewi through some esoteric fantasy a chitecture at the Drawing Cente to a purely artistic view of arch tecture and interiors in stunning beautiful drawings at Leo Ca telli's gallery. We hope this diver exposure will continue.

But surely of all those present it was Lloyd Wright, the eldest son of Frank Lloyd Wright, who had known Wright best. A practicing architect of genuine distinction, Lloyd Wright received a standing ovation following his talk about his father. Bruce Goff also received a standing ovation. Goff, a close friend of Wright's but never an apprentice, began to evolve his own individual vocabulary of architecture in 1919. His work remains strongly sympathetic to Wrightian theory. Both Goff and Lloyd Wright urged architects to seek an individual expression of their own.

Representative of other architects influenced by Wright and Sullivan, the work of Purcell and

Claude and Starck, and Aldo Dow, among others, was discuss by David Gebhard, University California-Santa Barbara, an others.

Finally, Herb Greene, Archect, University of Kentucky, wis a student of Goff's and therefore presentative of a fourth genation, related how his philosop was shaped by both Goff a Wright.

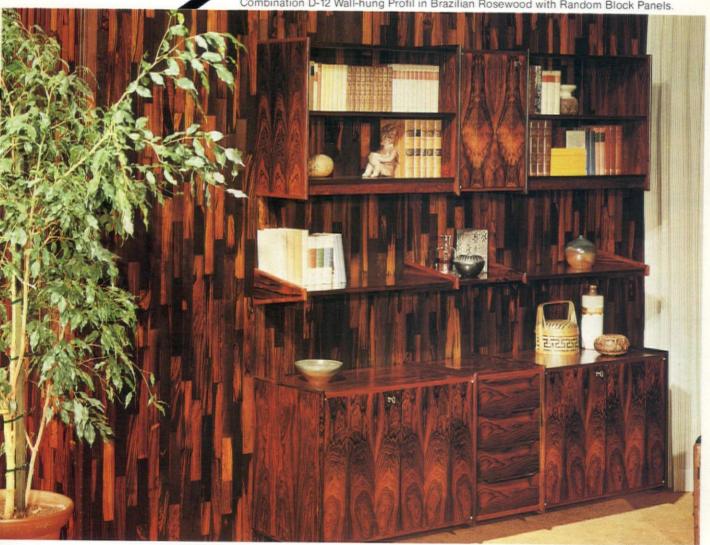
The organizers of the confernce see their effort as a catal for other exhibits and conferent that will continue the examinati of an indigenous American arc tecture. Such conferences not or inspire a re-evaluation of histo but of our very attitudes towardesign.

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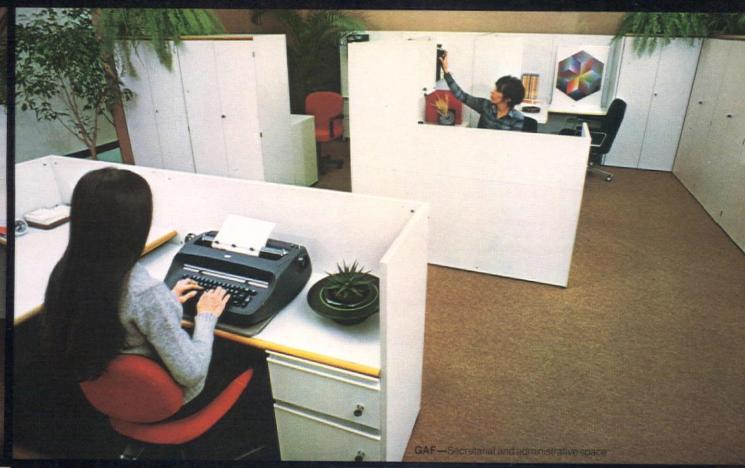
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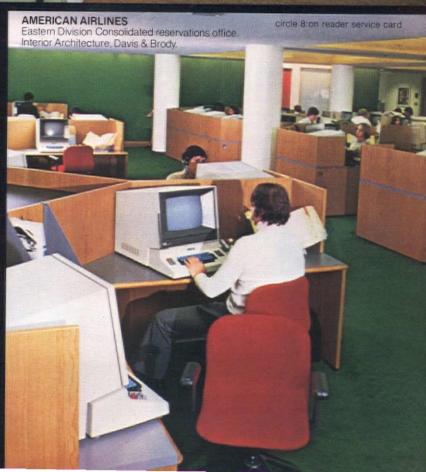
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#### Michigan Design Center Celebrates First Market



Designers from the Detroit area assembled in force the middle of September to make the first formal Market of the Michigan Design Center a great success. The building, opened earlier this year, is in Troy, Michigan, an attractive Detroit suburb, and the design (using monumental forms of seamed Terne metal over walls of masonry blocks) is by Robert B. Alpern Associates. Marvin I. Danto, president and owner of the center, and his son James Danto, general manager, have already leased fifteen showrooms (90 percent of the space); plans are underway for expansion, by early 1979, into a second building; eventual plans call for a complex of four separate structures.

#### **Eppinger Reorganization.**

Robert E. Eppinger, who has been president of Eppinger Furniture, Inc. since 1974, has been elected President and Chief Executive Officer of the firm by its Board of Directors. James B. Eppinger, formerly Chairman of the Board, will retire from active involvement in the company, and his interest in it will be purchased by his brother Robert. The firm also announces the appointment of Bill Noth as a new member of the Eppinger sales force; Noth, formerly District Sales Manager for Stow-Davis, will be based in Eppinger's new Chicago showroom on the 9th floor of the Merchandise Mart.

#### EDRA 9 April 8-11, 1978, in Tucson

The ninth annual conference of the Environmental Design Research Association (EDRA) will be held April 8-11, 1978, on the campus of the University of Arizona, Tucson. The conference theme is "New Directions in Environmental Design Research," and speakers include anthropologist Edward T. Hall, acoustician Robert B. Newman, architect C. M. Deasey, and University of Wisconsin Associate Professor of Interior Design Roger M. Kramer. Co-sponsors are the College of Architecture, the Program in Landscape Architecture, and the Department of Psychology of the University of Arizona. Inquiries may be addressed to: EDRA 9, Department of Psychology, University of Arizona, Tucson, 85721.

#### **New York IBD in Disco Setting**

The New York chapter of the Institute of Business Designers launched its 1977-8 program series in a lively way with a gala evening at Regine's, the famous Park Avenue discotheque. Lydia Yoslow, designer of another disco (Les Mouches), and Ron Doud, designer of still another (Studio 54, our cover story last month) were speakers on the general program topic for the evening, "Working at Play-The Power of the Designer to Influence Our Lives." Del James Blessinger, IBD Vice-President, was program chairman for the imaginative evening. Over 500 members and friends attended.



Blessinger, Doud, and Yoslow



Jan Wolf, IBD Rally Chairman

#### IBD Student Rally in High Point Feb. 8-10

The sixth annual Student Design Rally sponsored by the Carolina chapter Institute of Business Designers is planned for High Point, N.C., February 8-10, 1978. A cosponsor will be the Georgia-Alabama chapter of the IBD, as it was last year. Over 500 junior, senior, and graduate students in interior, environmental, architectural, and industrial design from all over the country are expected to attend. They will enjoy formal seminars, informal "rap sessions," displays in manufacturers' booths, and visits to working manufacturing plants in the area.

This year's Rally Chairman, and a strikingly beautiful and talented one, is Jan Wolf of Charlotte, N.C., Vice President of the firm of Wolf Associates of Charlotte, Tulsa, and New York.

As in years past, a highlight of the Rally will be the announcement of winners in the student design competition (although students need not attend the Rally in order to enter the competition). Subject of this year's competition is the design of a nursing home facility, cash prizes total \$3000, and competition chairman is Robert J. Snypp,3603 Kingsboro Rd., NE, Atlanta, 30319. Inquiries about either the competition or the Rally may be addressed to Snypp or to Jan Wolf, 213 Latta Arcade, Charlotte, N.C., 28202.

#### CONDES, Dallas '78

The Dallas Market Center's fiftl annual CONDES V Contract/De sign Show, featuring seminars of "Designs for Users," will begin of Thursday, January 19, 1978, and continue through Saturday, Jan 21, according to Paul Lentz, vic president of the Dallas Marke Center and CONDES V coordinator Mr. Lentz has also assumed direction of the Dallas and Housto Decorative Centers, according the Dallas Market Center presider William E. Cooper.

The seminars will be conducte by professionals in the contract design industry. Prior to the open ing of the three day show in th World Trade Center, the Interio Design Society and RESIDENTIA INTERIORS magazine will co-spor sor a seminar on Sunday, Januar 15. in the World Trade Cente cafeteria at 5:30-PM during th Dallas Winter Homefurnishing Market, January 15-20, 197 Tickets for the seminar are \$5.0 per person, include cocktails, an may be obtained from Karen Ca pers, IDS, 405 Merchandise Mai Chicago, Illinois 60654.

On Thursday, January 19, fro 7:30–9:30 AM in the Worl Trade Club, the American Socie of Interior Designers will prese "Developing New Business for Contract Designers," moderate by Lester Dundes, publisher of ITERIOR DESIGN magazine. The panel will consist of outstanding professionals in the contract disign field. Tickets for the seminal breakfast are \$4.50, and may lobtained from Betty Clark, P. Box 12314, Dallas Texas 75225.

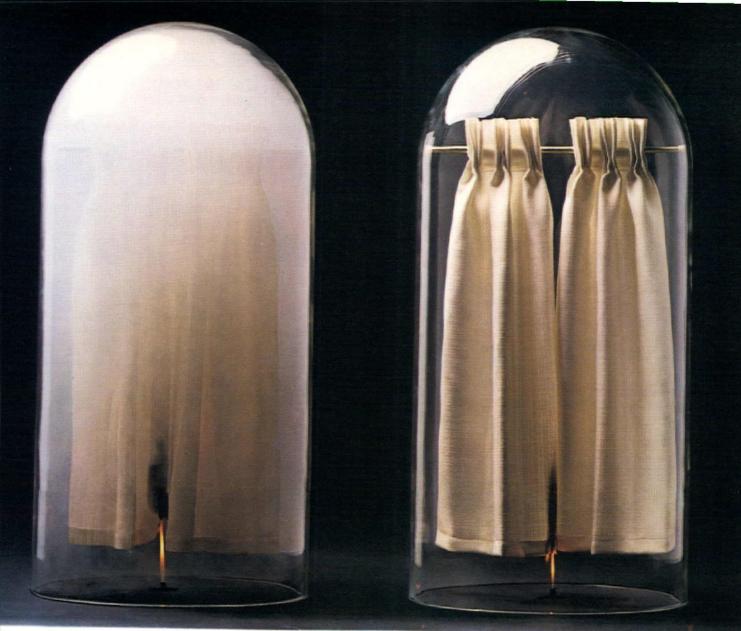
Also on Thursday, Howa Hirsh of Howard Hirsh & Associates, a Beverly Hills based designm, will discuss "Hyatt Reuion—Uniting the Old with the New" from 4:30—6:00 PM. It will be joined in the discussion John Scovell, president of Wood bine Development Corporation Dallas, developer of the Hyatt Runion complex.

The final seminar, "Office Spa Planning—A Science and an Ar will be moderated by Len Corl editor and associate publisher CONTRACT magazine.

The afternoon CONDES V ser nars and lectures, located in t World Trade Club on the fi floor, are open free-of-charge contract buyers, architects, spe fiers, industry professionals a guests attending Condes V.

The annual IBD/CONDES Dim Dance will be at 7:30 PM on F day, January 20 in the Wo Trade Club. For ticket inform tion, call: Dallas Chapter, IBD 214/742-5941.

News continued on page



Depicted is a small-scale comparative demonstration of smoke being generated after 40 seconds. (Left: Representative modacrylic-blend fabric. Right: Beta-Care fabric.)

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#### **Designers Saturday Packed with Introductions**



Designers Saturday climactic festivities at the Metropolitan Museum



Still on their feet at the end of Designers Saturday: James A. Riddering, Thonet President, with designer Pollock and staffers including design v.p. Joan Burgasser (far right).



Pat Keller of Dale Keller Associates with John Neufeld, President of Airborne/Arconas.



Jay Heumann, Metropolitan Furniture's vice president, and designer Brian Kane thus transformed the John Stuart/ Metropolitan showroom into undulating space with corrugated paperboard.



Stendig's new Designers Saturday offerings included the X-base ash Marco table with steam-bent ash Thalia chairs ... and much else.



Pat Hoffman, ICF Vice President, in the new ICF 9th floor early on Designers Saturday.

Designers Saturday, the ingenious New York Contract Market conducted during the October 7-8 Friday-Saturday weekend for the tenth time this year by a creme de la creme organization of resources, has its cynics. Among them, Ed Epstein of Stendig International and B & B America, was heard to say that the designers come only for the hearty food. More than ever, however, it is clear that the designers who attend from the farthest borders of the metropolitan area (and farther) need the cheese, pate, cider, freshbaked bread, and apples they find in the showrooms because if they stop for lunch they won't see everything. This year 6,500 attended, according to the log kept by DS Executive Director Judson Spencer. Friday is as big as Saturday!

Many showrooms presented not only new products but revised and in some cases expanded premises. ICF had a whole new floor open. John Stuart's Metropolitan Furniture settings *looked* completely different, thanks to undulating walls erected of corrugated kraft paper by Metropolitan president Jay Heumann and designer Brian Kane in less than two days. (Brian's new chair won the IBD Gold Medal this year.)

This market duplicates some but by no means all of what is shown at Chicago's NEOCON. It is a remarkably exciting, remarkably fruitful crash course in the best contract furniture which any designer can have in two days.

#### Historians, friends recall Aalto

The New York chapter of the Society of Architectural Historians provided a unique opportunity, Nov. 8 and 9, for its members and friends to discuss the legacy and significance of the late Finnish architect Alvar Aalto with a group of the world's leading Aalto scholars. Invited and guided by SAH chapter president Edgar Kaufmann, jr., the scholars included Stuart Wrede from Finland, George Baird from Canada, and a number of American Aalto enthusiasts. George Nelson provided some personal reminiscences of meetings with the master, as did Harmon Goldstone and Simon Breines; John McAndrew spoke of the 1938 Aalto show he organized for the Museum of Modern Art; Michael Rubenstein reminded the group of Aalto's "generosity of spirit"; and Sam Friedman, President of ICF, recounted details of his firm's introduction, 15 years ago, of Aalto furniture to the American market. (ICF also provided refreshments for the second of the two evenings.)

But the star of the evening, of course, was Aalto himself, his attitudes made gloriously manifest in the conference's surroundings: the beautiful suite of assembly rooms designed and furnished by Aalto (one of his three works in the U.S.) and commissioned by Kaufmann for the Institute of International Education.

## Weiman/Warren Lloyd Contract Division

Warren Lloyd Holtzman, president of Weiman/Warren Lloyd, has formally established a contract



Warren Lloyd Holtzman, President of Weiman/Warren Lloyd Contract

division. After researching the market for almost two years and exploring design possibilities, the company, very strong in loung seating for top and middle-echelon office levels, is proceeding to organize its dealer network—for will use dealer distribution.

For several years, the firm—whic was formed by the merger of Wei man and Warren Lloyd in 1970-has been a quiet source for suc architectural firms as Skidmore Owings & Merrill. It has plants i Christianberg, Va., High Poin N.C., and Paterson, N.J. Warre Lloyd Holtzman, who founde and built the Christianberg plan will continue to live there.

#### Two exhibitions

The Cooper-Hewitt Museum in New York is showing selections of treasures, some never before exhibited, from its splendid collection of drawings, textiles, wallpapers, and decorative objects. The show's title, indicating a purpose more serious than simple display, is "More Than Meets the Eye."

The exhibition will remain on view through February 12, then will be altered though not removed.

Coinciding with Thonet's introduction of the new Pollock Ply Chair, an exhibition of the sculptures and drawings of designer Charles Pollock has been organized. Until Dec. 28, it can be seen at Thonet's showroom in the Decorative Arts Center, New York; it will travel to Thonet's Dallas showroom for the Dallas Contract Show (January 18-20); in the early spring, it can be seen in Thonet's Merchandise Mart showroom in Chicago.

#### People in the Indust

Laurie Lewis has been appointed as Director of Communication for the Pacific Design Center, L Angeles.

Rosalie Ripley has been appoint manager of the Schumach Showrooms at 939 Third Avenu New York, N.Y.

Brunschwig & Fils, Inc. has a nounced the appointment of Parick A. Mongiello to the position of Sales Manager.

Philip E. Kelley, President Baker Furniture, has named Jo R. Fowler as Vice President, Co tract Division.

The Board of Directors of Jo Widdicomb Company, Gra Rapids, Michigan, have a nounced the appointments of J. Johnson; Chairman of the Boa and President, Gerard Bergho Executive Vice President; John Ebert, Vice President Sales a Marketing; and Allen D. Bens Vice President and Treasurer.



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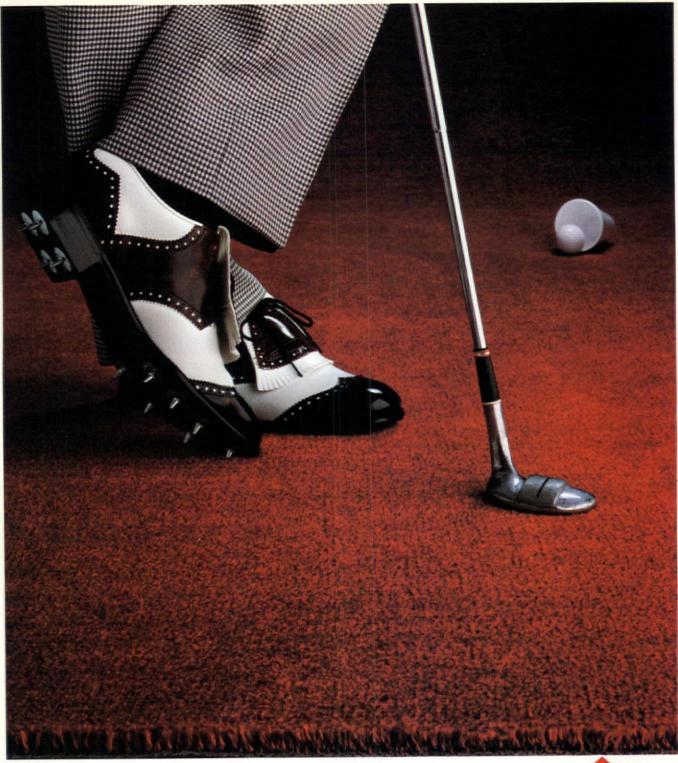
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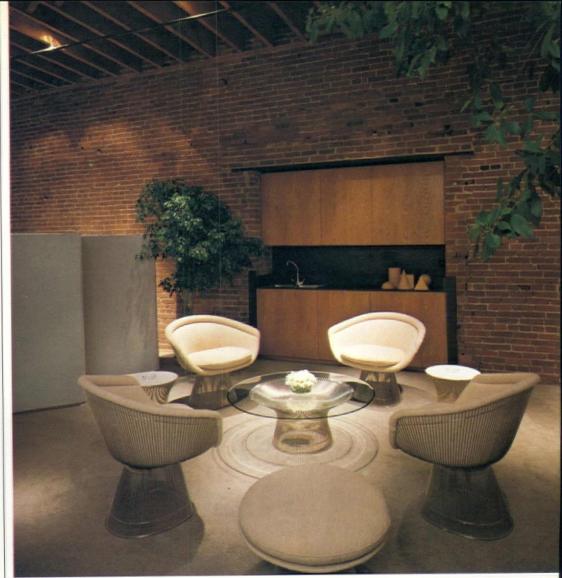
Check the quality and features of the Series 100 and it becomes evident this is a product line that delivers an outstanding price/value relationship while it becomes the handsome focal point of any office decor.

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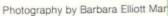
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#### SHOWROOM DESIGN



MEET KNOLL IN ST. LOUIS





You have to search an unlikely but delightful place in St. Louis to find Knoll International: Laclede's Landing, nine square blocks that represent the city's remaining 19th Century riverfront. The trail would lead you to Raeder Place, a superb cast iron building designed by Frederick W. Raeder in 1874. Inside, Knoll's Carl Magnusson has designed an interior of 1400 square feet that pays homage to the architectural heritage around it with detailing of an almost self effacing civility.

There is tempered glass without mullions to maintain a visual continuum between public space and the Knoll showroom. The building's fenestration is enhanced b not obscured by thin venetia blinds. A 35-foot wall of natura original brick opposes a 35-fo wall of Knoll fabrics—one of the interior's few sources of color. The ceiling of wood joists is exposed provide a 13-foot clearance braken only above Knoll's open pla systems products by an ingenio system of 11-foot square cany adjustable height panels.

Raeder Place is just north Eero Saarinen's Gateway Ard Stan Jackson, regional manag for Knoll, is waiting to greet v itors to the "Gateway to t West." Judy Garland couldn't t

Knoll's Carl Magnusson has designed this gracious setting for the famed Kno Collection in St. Louis' historic Raeder Place at LaClede's Landing. Visitors paing through the all glass entrance, shown above left, see the Warren Platner finiture grouping above. Among the numerous interesting details are the adjustable 11-foot square ceiling panels and a 35-foot-long wall of Knoll fabrics, boy visible in the view to the left.

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the designer · John Caldwell the chair · covered in a luxurious, ribbed-knit wool, this series is a natural choice for contract seating.

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Chicago · Space 995, the Pacific · Condi Focus at The Merchandise Mart Factory · Condi (a division of pacific furniture) Compton, California

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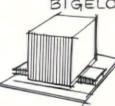


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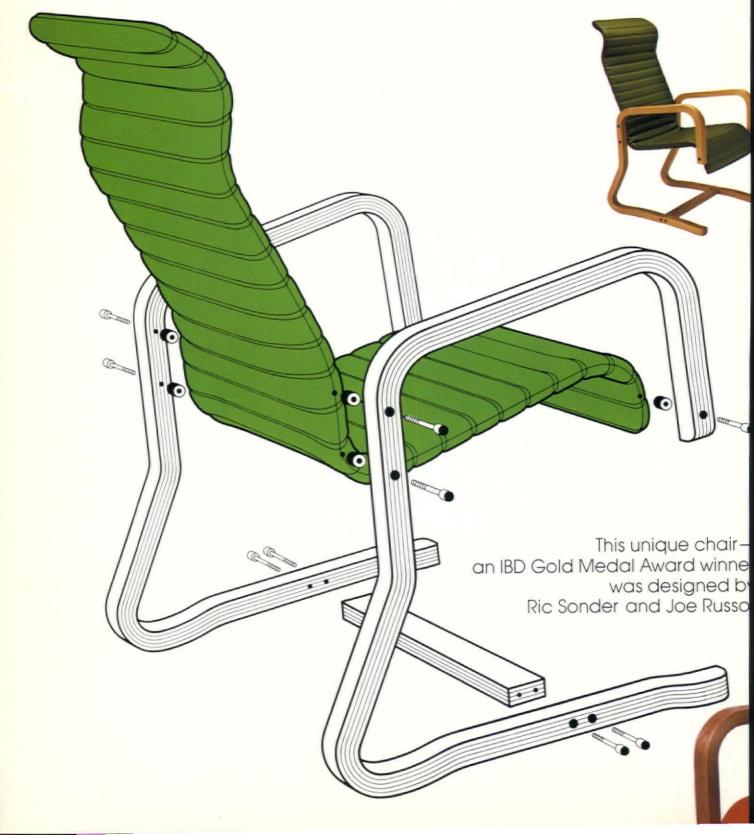
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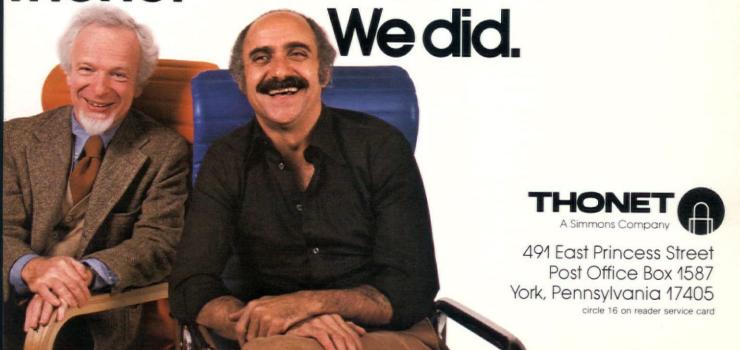
# Not one of a kind.

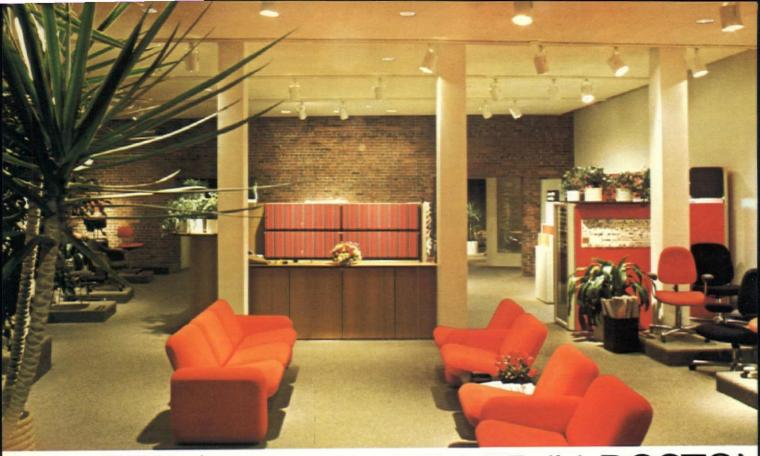


Developed after extensive study by the designers of the needs of healthcare patients, the Thonet "Kangaroo" chair is definitely one of a kind. The oak veneer molded plywood or tubular steel frame and removable channeled vinyl cover are the result of Thonet's manufacturing expertise.

Rethink Thonet

Thonet's production capabilities make it possible for architects, designers, and specifiers to have this flexible, therapeutic chair in every room.





## SHOWROOM HERMAN MILLER IN BOSTON

Adaptive re-use produces a showroom with space, warmth, and character.

The Sears Crescent is an 1840 commercial structure overlooking the grand public plaza of Boston's new Government Center. Indeed, the building's distinctive curving facade largely influenced the character of I. M. Pei's master plan for the whole Center. In this prestigious old building there is now a prestigious new tenant: Herman Miller. The Boston architectural firm of Stahl Associates renovated Sears Crescent a few years ago, and Herman Miller's immediate predecessor in the 4300 sq. ft. second-floor space was a restaurant.

The Herman Miller designers exercised an admirably light touch in transforming the restaurant into a showroom (or, as they prefer to say, a resource center-and that phrase isn't just jargon; it reflects the firm's genuine seriousness about disseminating valuable design ideas). Tall, narrow windows overlooking the Boston City Hall and its plaza were kept uncovered, and handsome bearing walls of brick were kept in a natural state. Against this mellow backdrop, the up-to-the-minute components of the Miller line assume a vibrant timelessness. Good design, this installation reminds us, is a lasting thing; and where better than at the foot of Beacon Hill to have such a message delivered?

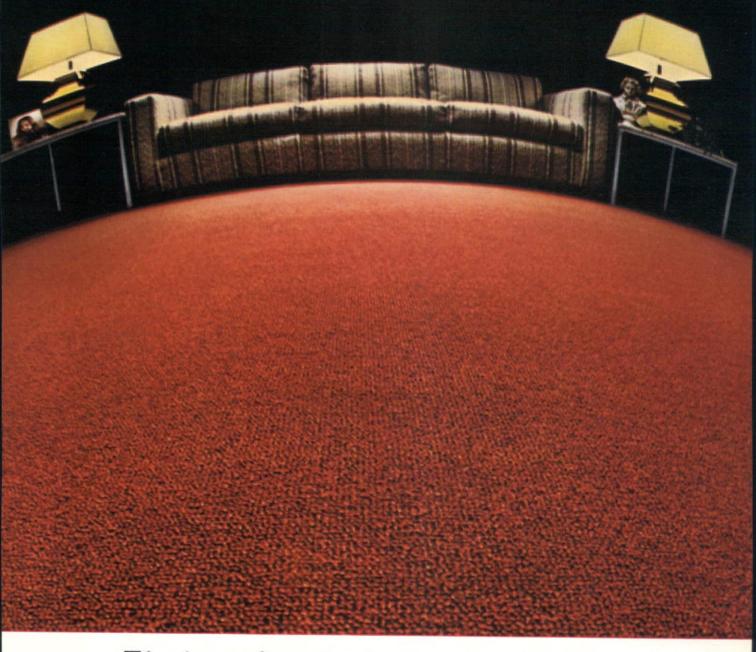




Photography by Andrew M. Lauria

Top, beyond a group of Herman Miller's modular seats and sofas, a central work station. At right, beyond a group of MKD chairs, an Action Office system set up for Electronic Data Processing. Middle, one of the brick bearing walls retained in the restoration. Bottom, part of the display of Co/ Struc laboratory equipment in a showroom area floored in quarry tile.

## For those who see differently.



## The luxurious look of spun acrylic, now longer wearing in carpet of Herculon.

Admittedly, carpet of spun acrylic yarn is eautiful. But so is the carpet pictured here. And it's a pt more practical and economical.

It's the new heather-look carpet tufted of Herculon\* olefin fiber. Of filament yarn, not spun. And will outwear heavier weights of acrylic by far.

Naturally it offers all the other easy care dvantages Herculon is famous for—built-in resistance fading and staining and very low static buildup.

For your important contract applications, Colonnade, far-Jon, Normandy, and Wellco offer a wide choice of plor combinations in this new yarn system. It's ideal for ffices, schools, motels, and health-care facilities.

If you see things differently, take a hard look at the hard-wearing, heather-look carpets of Herculon.

Write these mills for samples. Ask for "Heather-look" Herculon: Colonnade Carpets, 210 Madison Ave., NY, NY, 10016 Mar-Jon, Box 483, Calhoun, GA 30701 Normandy, Box 1776, Dalton, GA 30720 Wellco, Box 281, Calhoun, GA 30701. Or for more information, write: Hercules Incorporated, Room 403, 910 Market Street, Wilmington, DE 19899.

## HERCULON \*Hercules registered trademark



Performance. That's the beauty of Herculon.



Photography. Jon Bonjour

While it's more exclusive than a home furnishings supermarket, the new Celanese Fashion Center in Manhattan also provides a "one-stop shopping" service—for fabric information in terms of eventual garments. The Center acts as a total workshop laboraInterior designer/architect J. Robert Purdom has divided the demonstration room into three open plan areas with movable dividers. For "live" fashion shows, these can be removed to allow added seating, while the raised workroom becomes a stage. Dis-

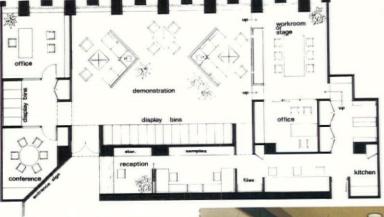
play bins on rollers are fitted intone wall and indexed by fabritypes. Behind them, swatches at stored on open shelves.

Mr. Purdom has subtly and e fectively woven Celanese fibe into his design. Fortrel PCP is the content of Pextile's tweedy woo like upholstery; Crompton's uncoorduroy of 50/50 Fortrel/cotto covers the Knoll chairs; Supe Suede Plus from Fab Industries, 50/50 Fortrel/Arnel, upholste the dividers. And the Bloomsbu carpet is a contract grade woven Fortrel PCP. As it should, recessed ceiling illumination is engineered to show fabric colors in their be light.

The entire project is kept neutral shades of gray, cam beige, and off-white as a coquiet foil for fabrics on display their latest fashion colors.

#### SHOWROOM DESIGN Celanese

Celanese broadens its fashion department services to the apparel industry

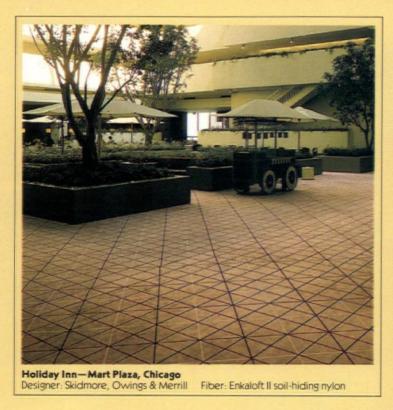


tory, open to the apparel industry by appointment, offering current and future trends and fabric information from its extensive library which goes beyond printed matter to also supply fabric samples, audiovisual material, and current overviews from Celanese fashion authorities of European fashion openings and fabric fairs.





# Why a Kemos Carpet doesn't show its age.



Even the toughest woven or tufted carpets can show their age fast if the installation site traffic is heavy and constant. But a Kemos fusion bonded carpet has an edge over conventional contract commercial products.

With its radically-different unitary construction, Kemos has stronger tuft binds and greater pile density. Delamination and edge-fraying are virtually impossible. And since nearly all the yarn is on the surface, dirt is trapped on top. This makes cleaning easier and prolongs the life and looks of the carpet.

Fusion bonding does one other life-prolonging thing, too. It creates a moisture-resistant barrier that prevents spills and stains from setting and seeping through to the back.

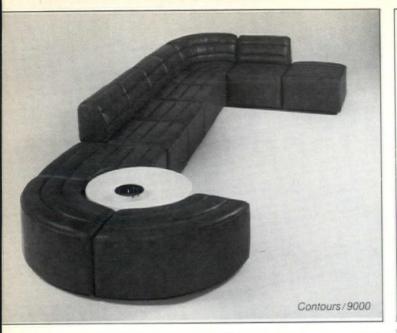
Kemos carpets come in a wide range of exciting high luster velvets, tweedy moresques and delustered nylons, in a variety of fashion prints and solids. There is also a custom program, so you can use your own pattern design and color ideas for carpets you specify.

Next time you specify carpet, specify the one that doesn't show its age. Kemos!



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#### The Solus Group

## Davis adheres to quality craftsmanship in newest contemporary lines

#### MARKET

Over the past 30 years Davis Furniture Industries in High Point, N.C. has offered changes in styling, anticipating the needs of designers, architects, and other specifiers for its office furniture and lounge seating. However, family ownership, good design, and service all remain unchanged.

Robert Bernard Associates, an industrial design firm in New York, enriched Davis' lines with *The Forum Collection* of executive office furniture, introduced in 1975. This was followed by *Cubeform*, a chair and desk collection, so well received in 1976.

This year the same manufacturer/designer team has brought out three diversified lines, each making its own significant statement.

In Contours/9000 Davis finds "the most fanciful yet functional approach to modular seating," Individual modules of curved and rectilinear forms accented with channel cushioning provide a graceful flow to the design.

OMS/1400 is an office modular seating system that allows seating arrangements in innumerable forms for perimeter or open areas. There's a three seat sofa, a two-seater with left or right arm (or the conventional two), and an arm chair. Frames are solid red oak in three oak lacquered finishes.

The third offering is *The Solus Group*, comprising an executive chair (shown) and matching side









OMS/1400

chair, with plain or slot tuft upho stery technique over a durab molded shell. The four- or fiv prong base is trimmed with poished aluminum. Upholstery f all groups is in a wide selection Davis wools, nylons, and leather

Randall K. Davis, executivice president and grandson of t founder, notes with pride an addition to their desk plant last ye (which doubled production) a the construction of a 20,000 sq. building this year to stockp plastic laminates and veneer thereby solving many problems supply and production, which turn pleases the buyer by uppithe speed and quality of serv for which Davis is also known.

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Baker's Modern Collection features a modular case good system of shelving and storage in choice wood finishes with such compatible additions as desks and desk circle 204



#### Ital Modular System

Milanese architect Angelo Mangiarotti has created CUB8, a modular system capable of being entire contract or residential interior environments through a complement of walls, shelves, doors, closets, drawers, planes, desks, tables, and even bed, which Ital Modular System now offers here. Structure is composition board finished in white melamine. Joinery is a patented PVC mechanical device.

circle 207

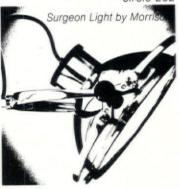
#### Light/Inc.

Italia mia! American designer Ronald Rezek has produced Work Light #500 as one of four designs offered through Light/Inc. The minimal task light is available in seven colors, is 8 in. by 49 in. by 28 in. tall, and takes a 40 watt fluorescent U-line tube.

#### Morrison

Have an urge to play doctor? The Surgeon Light Collection of single and double pendants, floor and table lamps, and wall bracket comes in brass casting and spinning, polished aluminum reflector, and glass diffuser from Morrison. Each takes three positions.

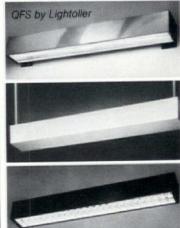
circle 202



#### Lightolier

Virtually a building block for innovative lighting solutions is QFS, Quad Fluorescent System, by Lightolier: individual quads of fluorescent luminaires that lock together to form beams of almost any length with anchoring to walls or ceilings using surface, stem, and cantilevered wall mounting. Provides task or ambient light. Four standard finishes plus custom baked-on enamels available.

circle 203



#### Peter Pepper

New fiber glass ash and trash receptacles are part of Peter Pepper's diversified line of contemporary contract accessories that include door hardware, melamine, marble, and onyx items, clocks, hat and coat hooks, crystal ashcircle 208 trays, and more.

#### Cv Mann

A wall system clad in mahogany o oak veneer or one of nine lacquer is here from West Germany through Cy Mann. There are fift circle 20 different parts.





#### John Stuart

Over two years of design research have produced a new wall cabin system by John Stuart that can b assembled in multiples of 20 or 4 in. using a variety of shelf, drawe and door configurations. Cab netry is finished in arbele burl lacquer, pilasters in steel (chrom or bronze finish) and doors wood or tempered glass. circle 20

#### Metropolitan Ceramics

Normandie is an architectural c ramic tile paver line from Metro politan Ceramics made from his quality clays, sized large (10 x in.) and small, in glazed and no glazed colors. Will sustain almo any traffic, moisture, or temper circle 20 ture conditions.









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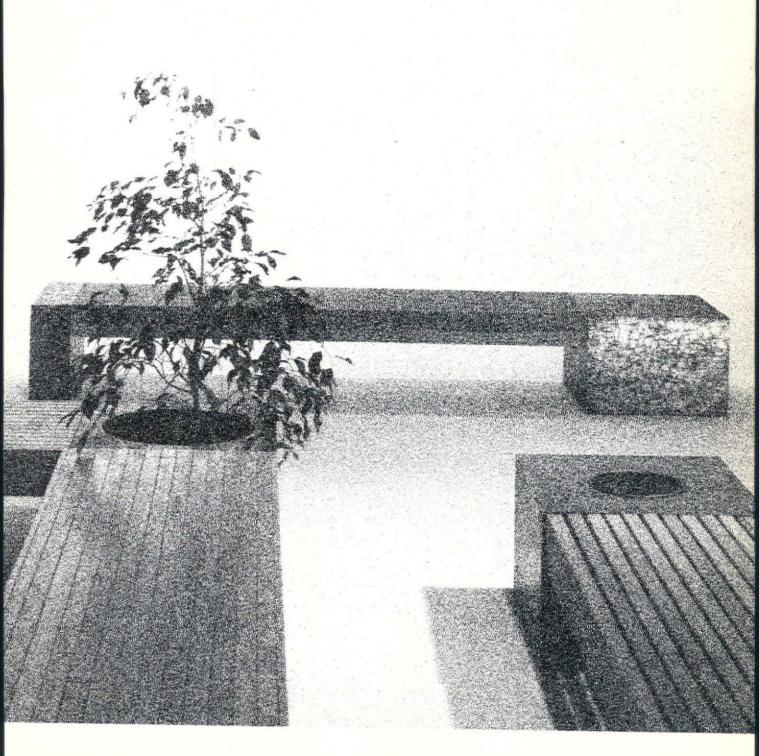
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Dallas Contract/Design Show January 19-21, 1978 Dallas Market Center



Designs for the ultimate users of contract furnishings, Condes V is another in a series of innovative shows introducing new designs in the contract field.

An exciting program of special events brings the very latest in marketing concepts to contract buyers, specifiers, architects, and interior designers.

See the newest designs in contract furnishings on the sixth floor of the World Trade Center and in other fine showrooms in the Trade Mart, Homefurnishings Mart and the Decorative Center.

For further information contact Delores Lehr, Vice President, Public Relations/ Advertising. For hotel reservations, call toll free 1-800-492-6618 (Texas) or 1-800-527-2730 (other states).

## Dallas Market Center

World Trade Center • Trade Mart • Apparel Mart • Market Hall • Homefurnishings Mart • Decorative Center 2100 Stemmons Freeway, Dallas, Texas 75207, 214/748-6832



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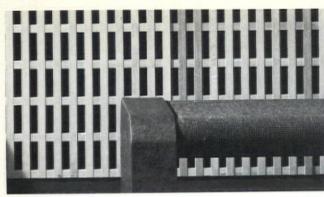
Our classic pattern"Jack in the Pulpit" was created by Vera in 1949. This delightful design is still an active selling Schumacher fabric.

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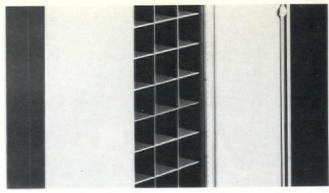
**SCHUMACHER** 

F. SCHUMACHER & CO., 939 THIRD AVENUE, NEW YORK, N.Y. 10022



Acoustical wall and ceiling systems in wood and metal from Forms and Surfaces are engineered for a wide range of architectural applications requiring sound control and durability. Reported to be easily installed, the modular panels are ideal for auditoriums, libraries, offices, lobbies, recording studios, and other applications. Wood systems are offered in oak, mahogany, or redwood; metal systems in stainless steel, bronze and aluminum.

Julius Blum and Company has a new railing system comprised of acrylic/wood facings bonded to a structural aluminum spire. This allows for the selection of a natural walnut or oak in the facings, while maintaining the structural capability afforded by an aluminum spine. Acrylic/woods are made from selected hardwoods fully impregnated with acrylic plastic, then hardened by irradiation. The process creates a wood-plastic composite material that retains the beauty of natural hardwoods, but has twice the indentation resistance and several times the abrasion resistance of the same hardwoods conventionally finished. The system allows for attachments of other Julius Blum components.



A square tube file cabinet that converts wasted space between roll tube files into useful space is available from **Plan Hold Corporation.** The single unit furniture steel cabinet accommodates up to 108 tubes that are 2½ in. square. Two other combinations are possible: 27 tubes 4½ in. square, and 48 tubes 3½ in. square. Heavy aluminum reinforced fiberboard tubes allow for fingertip control, and surface contact areas are reduced. Tubes are firmly secured and cannot be accidentally pulled from the cabinet. Lock and key security is provided. *circle* 327

A new, anti-slip, flexible PVC Duckboard has been added to the Heron line of anti-fatigue safety mats marketed by **Tepromark International, Inc.** Heron Vynagrip is a construction of 5/16-in. square PVC extrusions in grid form, heat-welded together to make an overall thickness of %-in. Useful in industry and institutional applications, it is impervious to most oils, grease, alkalis and acids. It is flame resistant, and an excellent insulator against electric shock hazards. Available in 24 in. and 36 in. widths, in cut lengths or in standard 33 ft. long rolls.

circle 328



Finding an attractive chair sign needs and the requirements of your client?

Let's look beyond line . . . to function. And most of all to comfort. Behind our new

7600 Series seating is the isn't a problem. But how well Harter Comfort Concept. Your will that chair serve your de- assurance that each chair fits the single most flexible tool the people, the job, and the environment. A design philosophy that is backed by literally decades of experience and research.

Now look closely at the 7600 this doesn't even include seating system. It's perhaps upholstery! available to office designers. If you're looking for a fresh For instance, you can order our desk chair in 288 different combinations of arms, legs, metal finishes, casters, difference is all to the good. and back treatments. And

new look in seating that works as hard as you do, explore the 7600 system. Its



HARTERCORPORATION 302 Prairie Avenue, Sturgis, Michigan 49091 In Canada: Harter Furniture Ltd., Guelph, Ontario

# The ai chair with VONAR 3 interliner did not burn up in this limited ignition fire.



Atelier International, Ltd., continually searches for ways to improve the performance of **ai** furniture. So when the company heard about VONAR\* interliner, they were eager to test it.

At the start of this test, these chairs were identical in every way but one. Both were made with identical top grain leather upholstery, polyester fiberfill and polyure-thane foam with flame retardants (fabric and cushioning materials meet specifications for California). But the chair on the right had a layer of VONAR 3 (3/16" thickness) added as a separate layer between the fabric and the cushioning materials.

## Test Results

Six 24" x 30" sheets of newspaper crumpled in a paper bag were placed on each seat cushion touching the back cushion, then ignited.

After five minutes, the paper fire on the right chair was nearly out. The cushioning material was not involved. But the standard chair (left) continued to burn, producing large quantities of flame, heat and smoke.

At 11 minutes, the chair with VONAR 3 was out. But the heat and flame from the standard chair had caused the back and side-gypsum board walls to burst into flame. The stream of water coming in from the right was necessary at this point to control the fire and save the test facility.\*\*

## The VONAR Difference

In limited ignition situations, VONAR reduces the likelihood of ignition of upholstered furniture as a unit. Should ignition occur, it reduces the burning rate.

As flames heat the VONAR interliner, heat-absorbing moisture and a flame retardant are released. Then the VONAR forms an insulating char on the chair surface in contact with the ignition source.

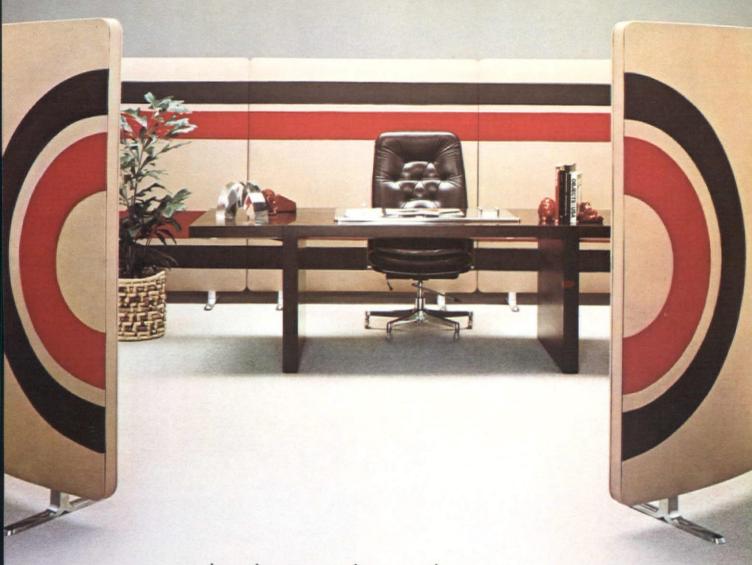
To determine what a difference VONAR can make in your furniture or future specifications, use the coupon or write: DuPont Company, Room 35701A, Wilmington, DE 19898.

\*DuPont registered trademark for interliner made by licensed manufacturers according to DuPont specifications. DuPont supplies the basic elastomer to such manufacturers, but DuPont does not make interliner.

\*\*The test described here does not demonstrate that all furniture using VONAR interliner will perform in this manner or will not burn under all actual fire conditions. The test was not conducted to assign "numerical flame spread ratings" to any materials involved. The results show only that specific types of chairs, which used VOHAR interliner properly, performed as indicated under the test conditions. Since DuPont does not make furniture or make or install interliner, we assume no responsibility for furniture performance. Consult your furniture supplier for flammability information on a specific furniture style.

VONAR Interliner	Please send me:  ☐ further technical data and test results.  ☐ a list of furniture manufacturers using VONAR.  ☐ a list of licensed manufacturers of VONAR.	
Name	Phone	
Harric		
Title	Company	
	Company	
Title	Company	Zip





# Introducing Screen One

From the inside out, ScreenOne™ has been designed for beauty and flexibility. With a thick and luxurious look and feel, it's elegant enough for the chairman of the board. Yet the removable cover material and free-standing design make it practical enough for the word processing center.

Your choice of striking graphic patterns, many sizes, colors and trim options, as well as the highest acoustical and fire ratings.

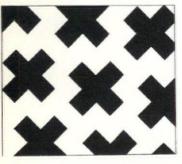
From the inside out, there's never been a screen like ScreenOne. Write Vogel-Peterson, Elmhurst, IL 60126, for more information.



#### Larsen Carpet

Promising a wealth of graphic possibilities are Tahiti and Calicut Extra carpet tiles from Larsen Carpet. Made of 100 percent coir face (coir is a stiff elastic fiber extracted from the outer husk of coconuts) and sisal warp (sisal is a strong white fiber derived from leaves of the West Indian agave, an amaryllis plant) and backed with PVC, each tile is one meter square. Tahiti is for light traffic; Calicut Extra can take heavy use. There are three styles: bleach, dark natural, and stria. circle 210

Tahiti and Calicut Extra by Larsen





### Carpets International U.S.A.

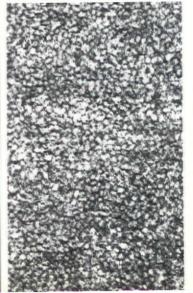
A distinctive pin dot pattern in six colorways marks Trio, a 100 percent nylon pile axminster with 213/4 oz./sq. yd. pile weight featuring Epitropic anti-static fiber. Available in 12-ft. broadloom stocked in the U.S. from Carpets International U.S.A. circle 211

#### J&J Industries

Commercialon 3100 in nine colorways and Commercialon 4400 in 12 colorways are dense saxony cut piles available in 12-ft. widths with Action-Bac secondary backing from J&J Industries. Both are 100 percent nylon treated with "Scotchgard" Carpet Protector and 3M Brand Static Control.

circle 212

Commercialon 3100 by J&J Industries



#### **Prouty Designs**

Natural wools in combination with bleached or dyed-to-match varns are woven on flax warp, popcorn stitch, and other stripe effects for rugs with a hand finished look in Irish mills for Prouty Designs. Architects, designers, and specifiers can order sizes up to 10 ft. wide by 13 ft. long, woven so that sections can be joined to create larger sizes. Custom order delivery is about eight weeks from order confirmation. circle 213

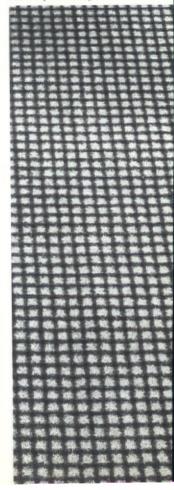


### Callaway

Maze, a squares-within-squares pattern in three colorways of 100 percent Enka-loft autoclave heat set nylon with Action-Bac secondary backing, is part of Callaway's "Cavalcade of Color" collection. Colored by the Millitron dye process and treated with "Scotchgard" Carpet Protector, Maze is designed for almost any commercial installation.circle 214

Irish wool rug by Prouty Designs





## The new 700 Series from ALL-STEEL



All-Steel Showrooms in New York, Los Angeles, Chicago, Aurora. In Canada, All-Steel Canada, Ltd. One of the Companies.

# Only someone who has been making custom furniture for 25 years, could design modular furniture as beautiful and flexible as...



# The Discovery System.

When you've been designing custom furniture for over a quarter century, you discover what works. And what doesn't.

Then, when you apply the same principles to modular furniture the result is something truly unique... the Discovery System.

The Discovery System is a totally integrated system of desks, work stations and wall units. Custom-designed for unequalled beauty. Modular for unparalleled flexibility. Each component is interchangeable and compatible. Now and in the future.

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The Discovery System is designed to be assembled with ease. And once it's up, you're not locked into it. You can modify it to suit your changing needs.

The Discovery System is designed to last. It features Formica brand MCP. A Formica finish assures you years and years of beautiful, care-free service. The kind of beautiful durability that only Formica can provide.

Visit our New York Showroom, O'Grady and Siegal, 306 East 61st Street. Or call (212) 688-4170. And discover the Discovery System for yourself.





Discovery Concepts, Inc., Carlstadt, N.J. 07072. FORMICA

2. FORMICA is a registered trademark of Formica Corporation

# Hexter announces the 20th annual nteriors of the Year vards

to recognize and commend the achievements of American Interior Designers in 1977.

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James Foy, Jr. A.S.I.D. Boswell-Foy Associates Fort Worth, Texas



H. Albert Phibbs F.A.S.I.D President, American Society John F. Saladino Inc. of Interior Designers



John F. Saladino A.S.I.D. New York, N.Y.



JoAnn Ridgeway Barwick Director, Home Building & Decorating Dept. Good Housekeeping Magazine New York, N.Y.

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Two 1st Awards will be presented. One for residential design and one for non-residential design. The winner in each category will receive \$2500.

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"Karla-20" geriatric health care chair

- One-piece welded frame will not weaken in joints or wobble.
- Replacement covers with concealed zippers, do not require reupholstering; save time and money.
- Back profile designed for proper lumbar support.
- Seat and back adjust totally to patient's body.
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- · Lightweight. · Wall saver.
- Design coordinates with TULIP's KARLA arm chair and side chair.
- · Arm pads, soft yet firm.
- Special adaptations such as headrest, are easy to attach.

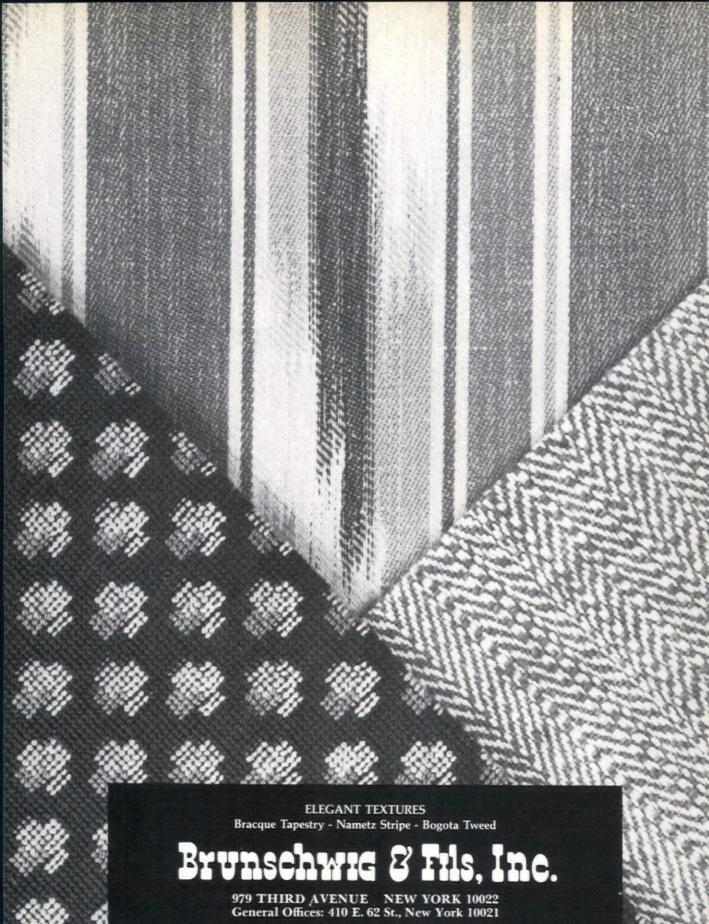
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\* There is no wood nor other combustible material used in the "KARLA" series. Its steel frame, foam and webbing, meet or exceed strict flame-retardancy requirements (including California). Selection of a flame-retardant cover makes chair totally fire-retardant.

For more details on the entire "KARLA" series, write to



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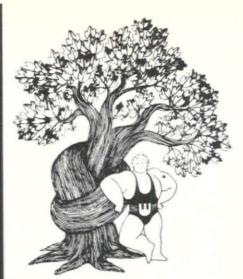
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## THE ICEHOUSE



San Francisco's Designers'
Row requests the pleasure of
your company at a festive
celebration in honor of the 10th
Anniversary of The Icehouse,
on Saturday, January 21.

Celebrate 10 exciting lcehouse years at the Ice Ball, from 5-8 p.m. It's the tea dance of the decade. Champagne waltz on the 1st. Mellow swing

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**Delectable hors d'oeuvres.** Champagnes and wines. (And a no-host bar.)

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10th Anniversary Market Week, Jan. 21-27. Enjoy an eye-opener Bloody Mary and omelet at 10 a.m., Saturday on Designers Row, at the elegant Assay Office in Jackson Square. Visit all the great showrooms along the Row. See 90% of the top fabrics. 92% of the finest casegoods. 95% of the important contract lines; Most of the impeccable antiques.

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A Fabulous Festivity in honor of the 10th Anniversary of The Icehouse 1968-1978

Saturday, January 21 Five until Eight O'Clock You're Invited



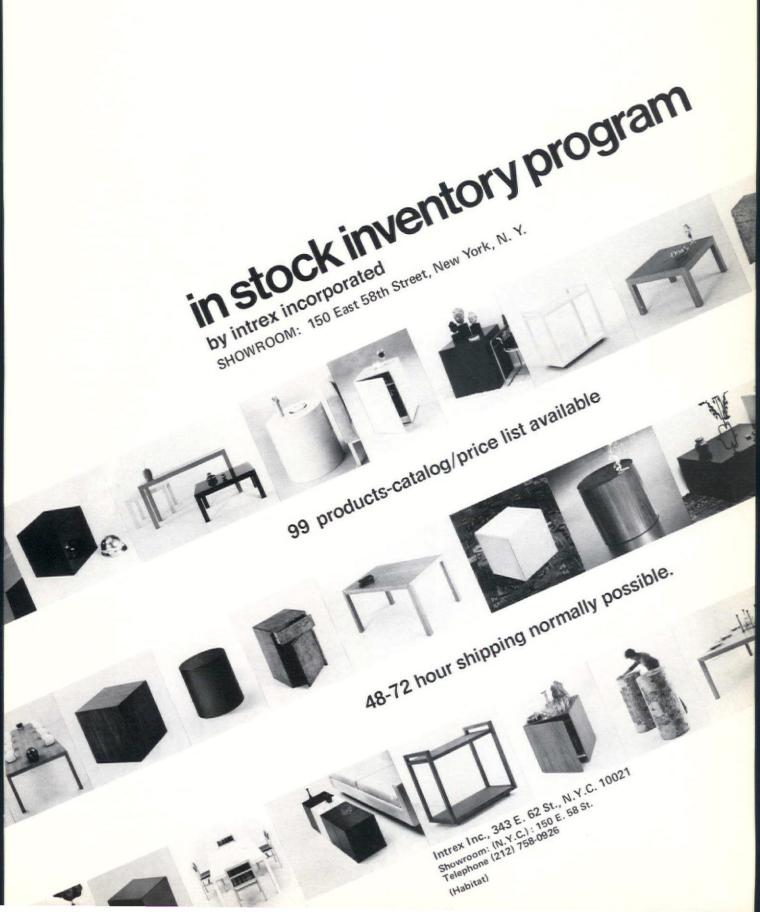


321 products-catalog/price list available



Architectural Supplements Inc. Showroom: (N. Y.C.): 150 E. 58 St.

(Habitat)



# If you don't choose the clocks, your client will. Here are 604 ways to protect your reputation.

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A job well done is the best ad any designer can have.

So, by all means choose the clocks yourself. If you don't, the client will. Probably as an awful afterthought.

The results can be quite damaging.

What other accessory announces itself at least once an hour? Or, is seen whenever someone seeks the time?

And now we've made choosing easier. As easy as scanning our new full color Contemporary Catalogue. A total of 604 clocks are included.

You'll find all of our institutional and built-ins, world time clocks — and a whole new series designed for use with free standing landscape partitions and desks.

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As for materials, you'll find a wide range. Cork, rare French burled veneers, stainless steel, rattan, natural oak and suede.

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Like you, we want your client to have a beautiful time.

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The JG Furniture Company, Inc. offers a brochure on auditorium seating. The four-color, 14 page brochure outlines specifications for each product, and all the JG auditorium chairs are reported to have been designed to solve the numerous problems that normally occur in auditoriums. circle 215

Jarke Corporation is offering a new 32 page catalog featuring new products and additions to their standard storage rack selections. The catalog serves as both a planning handbook and a product selector, with a wide range of applications possible in manufacturing, warehousing and storage.

circle 216

tract and payment, instructions to bidders, work descriptions, subcontracting, standards and execution of installation. A maintenance program and a plant list is also included. Cost: \$2.50. Write: Associated Landscape Contractors of America, 1750 Old Meadow Road, McLean, Va. 22101.

Floor Covering Weekly's 1977-78 Handbook of Contract Floor Covering, a new annual reference for designers and specifiers of commercial carpet, resilient sheet and tile, ceramic and wood floors, is being published by Bart Publications, Inc., a service of Cox Broadcasting Corporation. The handbook is divided into two parts; the first part being a mini-encyclopedia of floor covering technology, and the second part a directory and specification section. Copies are available at \$10 each from Bart Publications, 919 Third Ave., New York, N.Y.

A six page brochure on Woodmaster folding partitions is available from Modernfold, an American-Standard Company. The brochure features full-color photographs of installations, cutaway illustrations of panel construction, typical track details and specifications for optional hardware and surface finishes. circle 217

Kent Design's product catalog of MetaLoom grilles is now available upon request. Along with the numerous MetaLoom product line of plain and intricate grilles, Kent Design also specializes in producceiling mounted units. Desig flexibility and aesthetic qualitie of the HID fixtures are also featured. circle 22

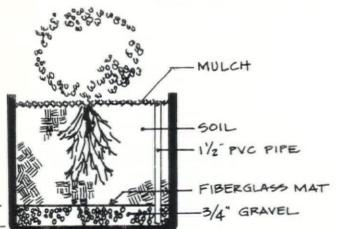
A comphrehensive catalog to ai architects and interior designers i making commercial and contras wallcovering selections is no available from The General Tin & Rubber Company's Wal covering Group. The 16-page i lustrated catalog, compiled under the direction of the nation's leading architectural specifiers. explains the construction of vin wallcoverings, how they are graded, and many specifications.

A full-color catalog of contemp rary art works, including origin limited edition signed prints, a posters. Aubusson tapestries ar sculpture multiples is now avail able to design professionals fro Pace Editions Inc. Special service and visual materials for clie presentation are offered and d scribed in the catalog. The catalog may be had for \$6.50, by writing Pace Editions, Inc., 115 East 23 St., New York, New York. poster catalog, listing works Federal Supply Schedule for d signers specifying for governme projects, is also available, gratis





# PROFESSIONAL LITERATURE



A Guide to Specifications for Interior Landscaping is available from the Associated Landscape Contractors of America. Prepared by the Interiorscape Committee of the ALCA, the ten page guide outlines such areas as award of con-

ing custom made grilles from customer's own sketches and designs. The grilles are available in a variety of electroplated finishes.

circle 218

A booklet, entitled "Latex Stains for Exterior Wood" may be had from Union Carbide Corp. The booklet describes availability of solid-color and semi-transparent stains for protecting and enhancing grain and texture of woods. Methods of applying the stains are given, as well as performance data and effective uses.

Specified Products, Inc.,/SPI Lighting is offering a new eightpage brochure on indirect lighting. Included in the four-color brochure are full details of the company's line of portable, free standing lighting fixtures and wall and



we locked up the gold medal

the versatile plastic modular locker system has been awarded the 1977 IBD Gold Medal Award for special

equipment. This 12" x 12" x 18" polypropylene structural foam locker is truly special. It is lightweight, yet 4 times more rigid than steel, non rusting. colorful, pry resistant and much much more. Write or call for FREE color brochure and find out how this totally unique storage/locker can find a space in your scheme.



Dahnz Industries (U.S.A.) Inc. 2 Park Avenue, New York, N.Y. 10016 212-684-3352











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Unique patented machinery now transforms steel, copper, brass, aluminum and stainless tubing into almost any configuration for an endless variety of decorative and functional applications. Sculptured tubing is ideally suited for tube sizes from ¾"o.d. to 4"o.d. at most any length and can be painted, plated or anodized to match your finished product ..another unique one from Dahnz Industries.



## An elegant and versatile line of all-purpose locker/storage systems.

This has to be the most beautiful locker in the world. It is made with rigid welded box frame construction and colorful hand baked enamel finishes. These lockers come in an infinite range of colors, sizes and door configurations and fit within almost any design scheme. The rusty, noisy tin boxes that used to pass for

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### Maximum-One Vault (U.S. Patent #3842761) The perfect **Income Producing security** safe box for hotels, motels, hospitals or clubs.

This mini vault can be easily achored to any surface in minutes. In fact it has over 7 tons of holding power when mounted onto concrete block or concrete slab floor. It is the perfect way to stop inroom pilfering. The lock has 250,000 different key combinations and there are no duplicate master keys available to the safe door. It is constructed of 12 gauge steel with 12 gauge hingeless stainless steel door. It is the safe way to leave valuables...another unique one from Dahnz Industries.





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## **CUBEFORM**

A bold and imaginative blend of the classic and the contemporary.



Desk - CF7836 Oak Chair - S-2001/2 (PM)

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Design: Robert Bernard Associates

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## Quick, before it melts

architecture can be called frozen music (and it's been called that so often that we are now doomed to the phrase's eternal repetition), then we might call interior design the dance set to that music. Interior design and dance do have real similarities, and one of them is that they are both notoriously difficult to record. We know all the notes Tchaikovsky wrote for Swan Lake, but are we sure of all the steps and positions of Petipa's choreography? Dance notations are cumbersome, memories unreliable.

In another sense, if architecture is frozen, interior design is not frozen quite so solidly. A building's exterior may be altered in time. of course-a wing added, a cornice removed-but a building's interior is the target of immediate attack: the carefully selected ashtrays disappear, the conference room chairs are taken into the lounge for an office party and never returned, the president's secretary makes her own curtains in a color that matches her eyes, the president's daughter gives him one of her very own seashell collages to brighten his office. The span of time between the arrival of the last piece of furniture and the first act of innocent but irrevocable destruction can be very brief; sometimes it's nonexistent.

If the recording of interior design is unusually difficult, it is also unusually valuable, for, of all the arts which deal with the shaping of the human environment, it is interior design that is the most flexible and the most immediately responsive to the changes in man's image of himself.

All of which leads us, by means of a very long reach, to a pat on our own backs, accompanied by a real sense of responsibility. Surrounded by decades of bound past volumes of INTERIORS, we work with a constant awareness of continuing what we think has been the best—and what we know has been by far the most long-lived—record of a vital, changeable, and fascinating field.

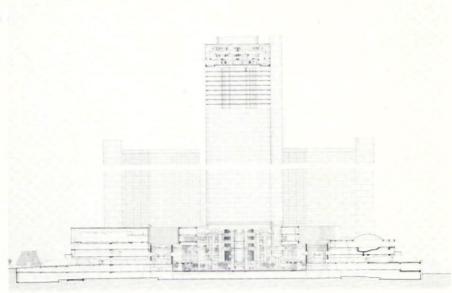
STANLEY ABERCROMBIE

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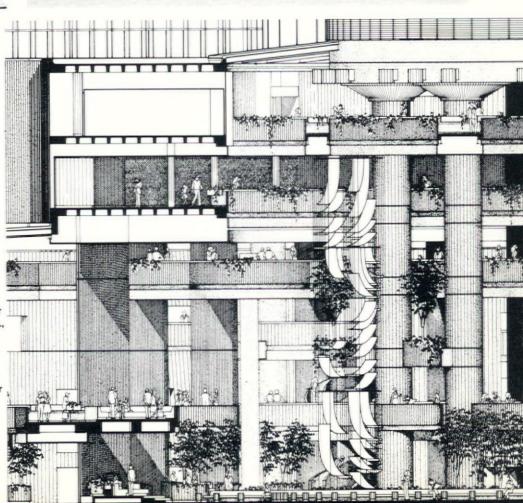
Hauser Associates

Art Committee, J.P.A., Design Associates,

Renaissance Center Partnership

Western International Hotels

Tishman Construction Corporation of Michigan



his article is concerned only with the major interiors of the Detroit Plaza Hotel, not with Renaissance Center. the half-billion-dollar downtown Detroit renewal project spearheaded by Henry Ford II. But the hotel's major interiors happen to be the main public square and park of Renaissance Center. So we must understand Renaissance Center as a whole. Which is to say that we must grapple with a nighly controversial and badly misunderstood exercise in urban design. That's where you land when you watch John Portman. His cities are interiors and his interiors are cities-cities under glass. They are attempts o restore decaying downtowns in old cities by providing a protected environment ofering a rich mix of amenities and diverions. And they are criticized mainly because of their sealed-in, exclusionary character.

The completed first phase of Renaissance Center—\$337 million worth—is a very vulnerable example.

Sapphire-towered, Renaissance Center occupies a 33-acre site located in the heart of Detroit's business district, but it seems as emote from the sinister reality of its barren, burned-out surroundings as the Emerald City in the Land of Oz. It looks like a miage.

The sapphire towers are four octagonal, 19-story office buildings—each with two butside cylinders containing elevator shafts ttached at opposite corners—arranged ymmetrically around one slender. 73-story, 400-room cylindrical hotel tower which as an attached outside elevator-shaft cylinder of its own. The five towers and their sat-llites rise out of a vast concrete multi-level

podium—fourteen acres of retail, recreation, convention, and parking space within one low building mass—space that interconnects with the interiors of the towers.

We should pause here to outline later phases of the program. Two subsequent stages will add ten 19-story office towers—by which time Renaissance Center will contain five million square feet of office space and over 300,000 square feet of retail space.

The next paragraph in the program may be the most significant:

"Additionally, nearly 1,000 apartments and condominiums will be built between the podium structure and the Detroit River. Although removed from the bustling commercial life of Renaissance Center, residents of this riverfront community, without putting on a topcoat, will be able to walk quickly to work, restaurants, theaters, and shopping areas."

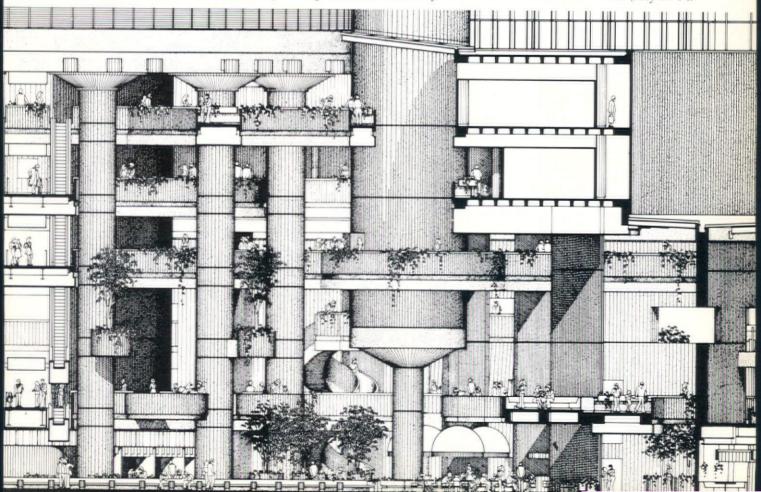
What the program does not state but clearly lets one understand is that residents will do all this walking in reasonable safety. In Detroit, of all cities, security is essential for equity investment in the central city. Portman is also proposing a 24-hour, walk-to-work community. Any objections?

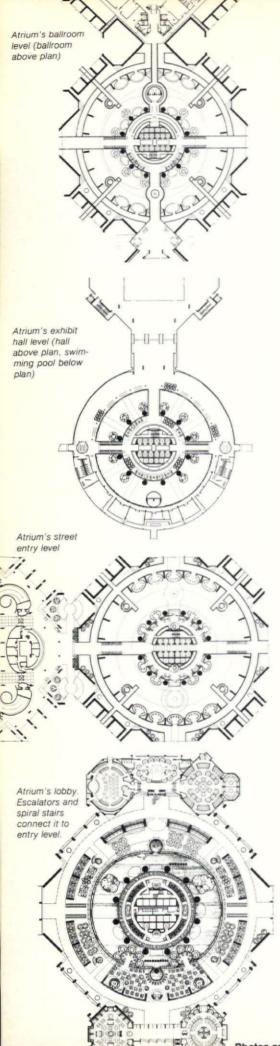
Hence the somewhat military siting, like that of a fortified castle. It is virtually impossible for any pedestrian or vehicle to approach Renaissance Center unobserved or uncontrolled from the surrounding streets. Even observed, pedestrian entry is discouraged by broad, heavily trafficked roads that surround the site on three sides, and by the Detroit River which protects the fourth. Two big, low, handsome pyramidal concrete berms, whose function is to house the heating, cooling, ventilation, fire safety, and

security units for the entire Center, flank the road access opposite the river. Their decks are lavishly garlanded with planting, but one senses that they are guardhouses nevertheless. Is this a disadvantage? Probably not to Henry Ford II, whose corporation is one of 51 in the Renaissance Center Partnership backing the development. The \$200 million mortgage it obtained is the largest loan ever made for a single privately financed real estate project.

The podium lifts the towers above street level, but even without that, their shining surfaces, absolute geometry, and formal arrangement make them alien even to the soundest of the stone and concrete highrises irregularly scattered in the area. Before the lights go on, there are no windows to be read in the seamless though delicately faceted and traced glass skin, none of the typical indentations and details that cue in the observer-though changing reflections and shadows of sky, surroundings, and fraternal neighbors in the Center are often lovely. Portman's Embarcadero Center (July 1972) INTERIORS) a building which helped to organize the space around San Francisco's Fisherman's Wharf, was concrete, an obviously weighty mass. In contrast, Portman's Chicago O'Hare Hvatt Hotel (August 1971 INTERIORS), Peachtree Plaza Hotel (July 1976 INTERIORS). Detroit Plaza Hotel, and other glass buildings, are punctuations of light free in the air, floating dreams.

In these shining, towered masses, all the reality is indoors. That is where we find plenty of very solid though exuberantly sculpted concrete. But are we *really* indoors? Psychologically not, for skylights—as in the Peachtree Plaza Hotel (July 1976 IN-





TERIORS) bring in changing daylight, and news of the ever-changing weather. News of it, not the experience of Detroit's February (any more than Atlanta's July). Anyhow, full-grown trees are always in leaf here, bushes are always green, and Portman's favorite yellow chrysanthemums are always in bloom.

In this atrium, eight stories high like Peachtree Plaza's, there is a half-acre lake. and again the space is pierced by the base of the elevator shaft serving the hotel guest rooms in the tower above. The shaft is a huge cylinder, a giant tree growing in the center of the atrium. Balconies rim it, providing multi-level space for seating-comfortable roosts to see from and be seen in, looking up, down, or across the space to balconies on the outer rim of the atrium. As at Peachtree, there are oval concrete "gondolas"-or call them pods or boats. These are lined with velvet banquettes and furnished with little marble-topped round tables. The gondolas rest in a circle around the lake edge and also hang cantilevered on the edge of the higher or entry level of the atrium. Only in Detroit there are more gondolas than in Atlanta: this is a much larger atrium-full and round in contrast to Peachtree's rectangular atrium, thanks to the more spacious site. The seating area on the elevator core's rim is motorized to "sail" a complete, very slow circle.

On the solid ground of the atrium floor one can have a meal or drink at a sidewalk cafe. The tables spill informally into the general space. Over many of them, giant umbrella-like shades suspended from above provide some protective cover. Or one can be served at tables in spaces tucked between huge concrete louvers under banner-hung soffits. No matter where, the design enables one to see everywhere while occupying an intimate place of one's own.

One crosses the lake on a bridge. As at Peachtree, parallel bridges on upper levels lead across the elevator "tree trunk" from opposite sides of the atrium.

## **DETROIT PLAZA HOTEL**

The atrium is rimmed by balconies leading to shopping and office areas in the Center's podium, as well as to the hotel ballrooms, meeting rooms, exhibit hall, swimming pool, etc. From the street-level entry an escalator leads down to the lobby floor, which contains a round, half-acre "lake," 18 inches deep, circling an elevator column for the guest tower above. The elevator core is circled by an "Inner Circle Lounge" slowly revolving on the lake, whose outer "shore" is studded with oval cocktail "pods"—concrete peninsulas lined with banquettes. Circular stairs lead to aerial "pods" where one can sit near tree-bearing aerial planters.

At right and on cover:

The atrium—the great shared space that serves both the hotel and Renaissance Center—combines the daylight and greenery of nature with the visual movement and circular order of baroque architecture. Over the water Gerhardt Nodel's work of art evokes sails, and is in splendid scale with the setting.

Options are many: a nightclub and three restaurants ranging from fast to gourmet food, located in closed spaces at opposite corners beyond the atrium's rim; shops ballrooms, meeting rooms, and a gargantuan exhibit hall, not to mention a swimming pool and health club in levels above and below the atrium floor. Or seventy stories up, meals and drinks with aerial views.

In the end, though, people in the offices shops, halls, ballrooms, and guest rooms will tend to go out into the atrium, congregating there like commuters spilling into Grand Central Station, and trying to decide where to go next. Prospects for diversion programmed or otherwise, are rich, and the scene is full of visual delights—subtle charming as well as grand ones. The lit-up trees, the landscaped "lake" island, and yes—all those fixed and moving circles like merry-go-rounds—remind one of Tivoli, the elegant fun park in Copenhagen which Portman knows well.

The evident desire to please, the willing ness to adorn and soften and pull togethe the space with fanciful works of art, especially huge sail-like banners . . . thes things, also, make us think of Tivoli. But Tivoli is tender, old-fashioned, and small i scale, while this inside-out park is huge and futuristic.

It is a "people place"-to use a seventie term. But our obsession with the latest i avant-garde concepts should not allow us t lose sight of the traditional discipline which control its design. Aside from th skill at handling so huge a space, at leadin the eye around graceful curves, at providin mid- and small-scaled privacies and firr orientation within the whole, one is struc by Portman's adherence to a limited num ber of pure geometric forms-circle squares, rectangles and chambered Nau tilus spirals all interacting according to th golden mean. And by the adherence to th same geometry in furniture that is simple graceful, and clean. By the carefully re stricted choice of materials played again the concrete background-brass, velve oak, wicker. By the remarkably consister palette-earth brown and stone greige back grounds accented by foliage, flowers, an works of art-a metaphor for nature.

Instead of corridors Portman uses ope bridges, and he spills cafe tables into the lobby, so many functions and intimate enclaves can share the great space. The space is, indeed, so complex three dimensional as to approach the arcology which Paolo Soleri has theorized.

The complexity of the space and nernotoriety of the project seem to have diverted attention from the formal nature of its design. Its grandeur and centrifug movement are closer to the Vatican than Buck Rogers, and it is interesting that Potman has achieved so baroque—so Renai sance—a space with industrial materials.

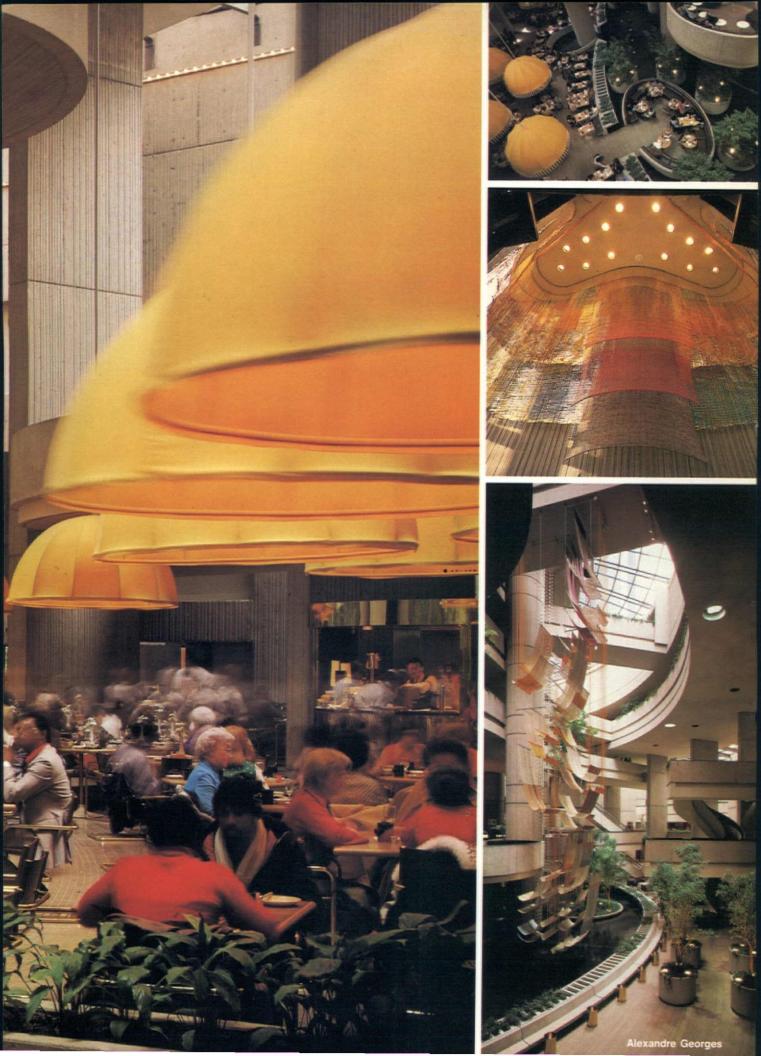
The offices were 65% rented before the Center's opening, and the hotel is sure to be popular with travelers. Will the permane residents follow? They will if the balancheets of the automotive industry permit it

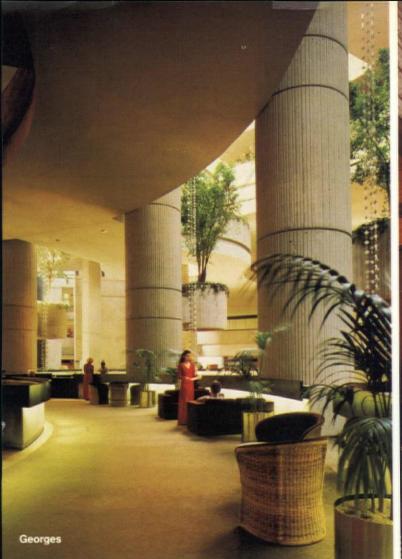
OLGA GUEF

Photos on next 7 pages by Joseph Standart except where otherwise indicated. Cover photo by Stuart Romn

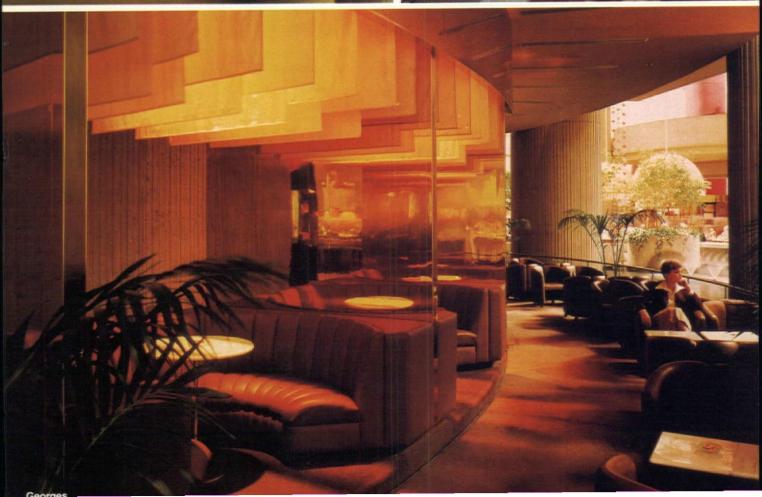


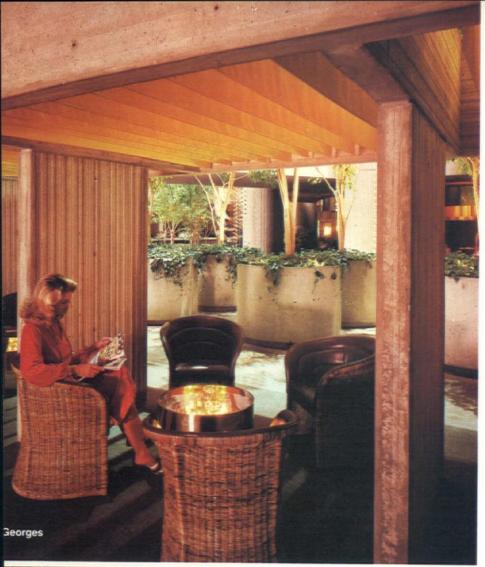


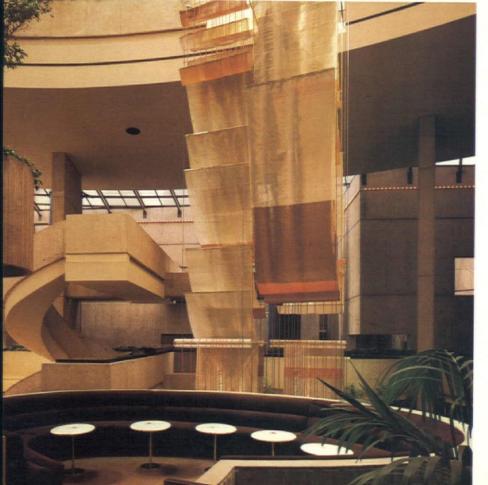












#### DETROIT PLAZA HOTEL

Preceding two overleaf pages: The atrium.

Those who want to have a meal in the middle of the action can do so. Cafe Renaissance is segregated from the rest of the atrium lobby only by foliage-topped fences and by umbrella lamps gloriously in scale.

Photos at near and far left show various parts of the atrium. The surprisingly delicate tile paving has a directional pattern over which foliage casts shadows. Daylight from the skylights is supplemented by effective spotlights and the rest of the lighting arsenal provided by William Lam, the lighting consultant. Places to sit, with or without a drink, include the revolving Inner Circle Lounge (bottom opposite page) at the lakeside or suspended above it, or other nooks contained by the concrete structure—nooks to which nestlike softness has been added by plush upholstery, banner-louver ceilings, and wicker furniture.

ATRIUM PROMENADE, AND TRELLIS, PUBLIC, AND GRANDSTAND SEATING AREAS (pages 69-73): Wicker chairs: Tropi-Cal in Design Tex fabric. Lighted tables: Pilot Woodworking to JPA design. Carpet: Stratton Industries. Ceramic tile flooring: U.S. Ceramic Tile Co. installed to JPA design by Peter Bratti & Associates. Lounge seating: Thayer Coggin Institutional Furniture in Design Tex fabric. Marble table: Marvin Walker & Associates to JPA design. Wok planters for chrysanthemums: Glas-Tec. Lighting fixtures: Koch & Lowy. Cantilevered grandstand lounge unit: CBS Furniture in Design Tex fabric to JPA design. Brass rails: Mid-West Iron Works.

ATRIUM INNER CIRCULAR BRIDGE, COCKTAIL PODS, OUTER CIRCLE PODS (pages 72-73):

Built-in seating units: CBS Furniture in Design Tex fabric to JPA design. Marble table tops and cube tables: Marvin Walker & Associates to JPA design. Table bases: Vecta. Ottomans and upholstered seating: Thayer Coggin Institutional Furniture in Design Tex fabric. Wicker chairs: Tropi-Cal. Carpet: Stratton Industries.Ash urns: Placet, Inc. Brass planters: Architectural Supplements.

ATRIUM INNER CIRCLE REVOLVING COCKTAIL LOUNGE (page 72):

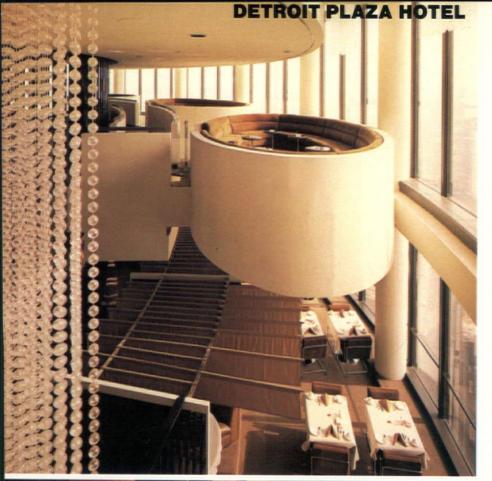
Chairs: Shelby Williams in Gilford vinyl. Banquette seatings: CBS Furniture to JPA design in Gilford vinyl. Banners: Jack Lenor Larsen "Mavis" silk fabricated by Kenney Drapery Company to JPA design. Carpet: Stratton Industries. Brass planters: Architectural Supplements. Brass divider panels, fascia, and service bar kiosk: Pilot Woodworking to JPA design. Mable table tops: Marvin Walker & Associates to JPA design. Table bases: Vecta.

ATRIUM CAFE RENAISSANCE (SIDEWALK CAFE) (pages 70-71):

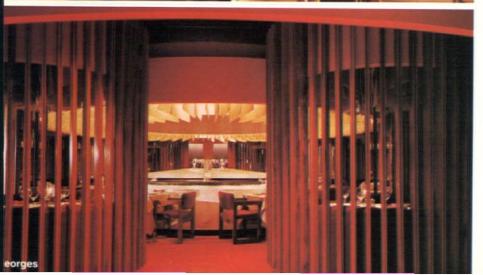
Chairs: Modulo 3. Table tops: Brower Furniture to JPA design. Table bases: Paul Dodds. Built-in pod and bench seating: CBS Furniture to JPA design in B.F. Goodrich vinyls. Umbrella lamps: Dazian fabric fabricated by Kenney Drapery Co. to JPA design. Brass kitchen and cashier's kiosk: Pilot Woodworking to JPA design. Ceramic tile floor: U.S. Ceramic Tile Co. to JPA design executed by Peter Bratti & Associates.

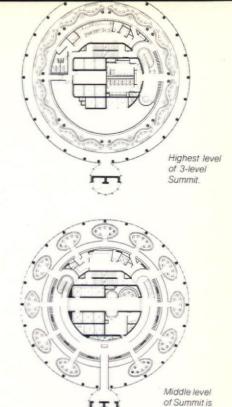
DEC 77 CONTRACT INTERIORS











Opposite page: Serpentine-banquette cocktail lounge on highest level of tri-level Summit, the shared space atop the hotel tower.

entry level.

Top left: Suspended cocktail pod on the middle or entry level of the Summit. The pods revolve very slowly, like the dining rim of the floor below. (The lowest—dining—level is omitted from the plans above.)

Mid-Left: La Fontaine, the most formal restaurant of three outside the rim of the atrium.

Bottom left: The Coffee Garden, another restaurant bordering the atrium, has a concentric scheme reminiscent of many other Portman spaces. The encircling posts provide a sense of privacy for individual tables without destroying the space.

#### SUMMIT REVOLVING COCKTAIL LOUNGE

Undulating banquette: CBS Furniture to JPA design in Design Tex fabric. Cocktail chairs: Thonet. Table tops: Brower Furniture to JPA design. Table bases: Vecta. Brass planters: Architectural Supplements. Chandeliers: Lumen Lighting to JPA design. Mirror walls: National Products, Inc. Carpet: Brinton's to JPA design.

#### LA FONTAINE (SPECIALTY RESTAURANT)

Chairs: Brower Furniture. Banquette seating: CBS Furniture to JPA design with Boris Kroll fabric. Table tops: Brower Furniture. Table bases: Vecta. Carpet: Brinton's to JPA design. Wallcovering: Koroseal. Mirror walls: National Products, Inc. Custom millwork: Pilot Woodworking to JPA design. Banners: Kenney Drapery Co. to JPA design.

#### COFFEE GARDEN (COFFEE SHOP)

Chairs: Brower Furniture in Gilford vinyl. Table tops: Brower Furniture to JPA design. Table bases: Paul Dodds. Brass cashier's kiosk: Pilot Woodworking to JPA design. Banquette seating: CBS Furniture to JPA design in Gilford vinyl. Wicker walls: Tropi-Cal to JPA design. Banner: Kenney Drapery Co. to JPA design with Dazian fabric. Carpet: Stratton Industries. Mirror ceiling: National Products, Inc.

#### JOSEPH SPRAGUE

Joseph G. Sprague is director, Design and Construction, Department of Health Facilities and Standards, American Hospital Association, 840 North Lake Shore Drive, Chicago, IL 60611. the health care needs and demands of the public. In times past it was a much simpler task to provide less specialized services. To-day, however, there are industries built and serving each specialized area within the hospital with equipment, products, supplies and a science to fulfill even remote needs of the patient.

Just as hospital people and services have become highly specialized so have the spaces, equipment and facilities become specialized. Designing and constructing these spaces has become the focus of the architectural and building professions. As a gauge of this interest and attention paid to the design of health care facilites, just since 1965, a directory published by AHA that year listed only 103 architects around the country who reported that they were experienced in or had an interest in this specialty. In a 1975 revision more than 400 architectural firms were listed.

#### Design and Construction

Paralleling the increasing specialization of health professionals, health care and design professionals, is the development of codes and standards for many specialized areas. And why not? Any intelligent discussion of safe construction must start with the premplicit detail in the NFPA\* Life Safety Code (470 Atlantic Avenue, Boston, MA 02210). This code for hospitals is the basic point of reference for planning increased safety in health care facilities. Five indispensable factors to consider to maximize safety in design are:

1. Subdivision of risk

Concept: A hospital/health care facility should be divided into sections with corridor separations, stairwell enclosures, and sealed vertical openings.

Purpose: A fire may be isolated.

2. Exits from each floor at floor level

Concept: Exits should lead either directly out or to other means of egress.

Purpose: No one will be trapped in building.

3. Stairs and doors

Concept: Closed stairwells with self-closing fire doors.

Purpose: Such smoke-free towers will protect their users from fire and smoke during evacuation.

Concept: Properly designed stairways.
Purpose: Stairways of sufficient width
and of such a pitch that litters
and stretchers could be carried

# IMPACT OF CODES ON HEALTH CARE INSTITUTIONS

NFPA standards and an excess of building codes dictate design, cost, and administration.

uch has happened in health care over the past few years to change the way its built environment is planned and designed. The state of the art of medical care has been becoming increasingly more specialized with more sophisticated diagnostic and treatment capabilities and specialty services. Without special experience, education and training, medical and administrative people have a difficult time trying to deliver and administer these highly specialized services while surviving in the system as a going concern. What health facilities will be like in the future to help accomplish these challenges is changing both with regard to the way the patient is treated and the business of responding to

ise that no building is totally lifesafe and fireproof. Buildings are only relatively safe and are never exempt from the need of applied principles of protection and extinguishment. Particularly buildings containing boiler rooms, kitchens, laundries, maintenance shops, laboratories, pharmacies, and operating rooms all under one roof, not to mention the highly sophisticated spaces where pressures can be greater or lesser than standard atmospheric and some that are oxygen enriched.

In terms of the design and construction of health care facilities the principles of protection in designing institutional occupancy buildings as well as others are listed in ex-



Sprinklers or fire-detection devices—
 Concept: Early detection and extinguish-

ment

Purpose: Maximum protection is offered by proper design and installation. Where sprinkler systems are not feasible heat and smoke detection devices provide early warning. Sprinkling should be used in high hazard areas that are unoccupied.

5. An alarm system-

Concept: To alert occupants of danger Purpose: Immediate action to extinguish, control or evaluate.

#### Surveys

The problems of providing safe health care facilities today is not in meeting any one of these design factors, it is in meeting the varied interpretations made by survey agents from some authority having jurisdiction. The responsibility of this perplexity must also be shouldered by the various codes and standards writing bodies whose intent is never quite conveyed to the actual survey agent making the inspection.

Before 1950 the health care facility existed with very little regulation from the federal government. But since that time and much more today the hospital must conform to a myriad of operational and construction standards and regulations. This problem has been recently compounded by the validation surveys performed by the SSA. These surveys performed by the state agents having contracted with SSA/BHI made numerous non-compliance citations in hospital facilities that they had themselves already surveyed and found to be in substantial compliance, usually within the previous 6-12 months. In the state of Pennsylvania, for example, it has been reported to AHA that over \$70 million have been expended to bring facilities into compliance and that \$300-\$400 million would be required over the next two-year period if the validation procedures continued. Further corroborating this expenditure is the AHA's publication "SSA's Validation of JCAH\* Survey" which reported that the average cost to bring each hospital into compliance with the validation survey findings was \$1.2 million which would have to be added to medical bills.

#### The Code Explosion

When making inspections and determinations with regard to conformance in the health care facility, the following are among the pertinent sources of codes and standards to be considered:

- The health care facility's own rules. standards and regulations
- Joint Commission on Accreditation of Hospitals
- Inspection standards and codes for federal and state hospitals and other government facilities
- Manufacturers' standards and instructions for operating equipment and devices
- American National Standards Institute standards
- National Electrical Manufacturers Association codes and standards
- 7. Underwriters' Laboratories standards
- American Society of Heating, Refrigerating, and Air Conditioning Engineers standards
- Electronic Industries Association standards and publications
- Institute of Electrical and Electronic Engineers standards and related publications
- 11. American Society for Testing and Mate-

rials standards

Instrument Society of America standards and recommended practice

13. U.S. Department of Health, Education, and Welfare. Public Health Service. Minimum Requirements of Construction and Equipment for Hospital and Medical Facilities

 National Safety Council safety selfevaluation checklist

- Model Code Groups: Southern Standard. Building Officials and Code Administrators. Uniform Building Code
- 16. National Fire Protection Association

Among these referenced standards, plus the local, metropolitan, county, state, and other authorities having jurisdiction are a group of widely recognized standards published by the National Fire Protection Association. Briefly they are:

- 1. The Life Safety Code 101, 1967/73/76 editions
- The hospitals' 56 series currently covering
   Inhalation Anesthetics (institutional and ambulatory)
  - · Respiratory Therapy
  - Hyperbaric Facilities
  - · Hypobaric Facilities
  - · Non Flammable Medical Gases
  - · Combustible Solid Supplies
  - Medical-Surgical Vacuum Systems
  - Gas Sterilization
- 3. The 76 series of hospitals
  - · Essential Electrical Systems
  - Safe Use of Electricity in Patient Care Areas of Health Care Facilities
  - Safe Use of High Frequency Electrical Equipment
- Health Care Emergency Preparedness (hospital)
- 5. National Electrical Code

#### The Problem Areas

There are few in the health care facility design and construction industry who are deeply concerned with the increasing pressure from the public and the government for increased environmental standards and life safety that the administrator is so intimately familiar with. There are some serious concerns, however, whether or not the codes and standards under which we build and operate are (1) adequate in terms of life safety. (2) needlessly costly and/or redundant in terms of building and ultimately health care cost. In an effort to give some insight to these answers let's look at them on a more basic level of problem statement.

## What is an acceptable risk of life safety in the health care facility?

If you ask 10 people you would probably get 10 different answers. Clearly 100% insurance is not possible, so what is an acceptable mortality or even morbidity rate for incidence of occurrence.? The record is pretty good—with the exception of the recent fire in Osceola. Missouri, there has been no multiple loss of life due to fire in a Hill-Burton approved and funded facility. What we have seen recently is everyone trying to load a building with many redundant gadgets that are not really field tested for increased safety benefits. What we really need is an

acceptable level of risk defined and then codes written and designs produced to meet that risk level.

#### How are codes developed, promulgated and changed now?

In 1974 there were 4800 pages of changes in the total National Fire Protection Association standards, 600 in Building Officials and Code Administrators, and 500 in the Uniform Building Code. In the early 60's the pressure for code change was primarily economic-the owner had the incentive of lower premiums on insurance for protection of property. Next, the code enforcement official became sensitive to life safety as well. Now government and the public are becoming more aware of the need for increased safety to life. This increased awareness puts greater pressure on code writing bodies to publish new revised and updated standards. This phenomenon is a great challenge but not one to be answered with over-reaction to disaster or potential disaster but one that must be answered intelligently from empirical scientific methods developing a knowledge-based code. There has been only in the past three years a substantial level of fire research conducted. The state of the art is much improved, though still only exists as an infant.

#### Who are the people involved in making codes?

As far as model code groups go, their committees are structured generally with representatives of material producers or manufacturers and building firms. Engineering. architectural, and user groups are usually included only as advisory members on matters of general design and construction. Most model code groups have code review and research committees made up of their own membership, all qualified building officials. They do not, however, work on the consensus principle that, say, NFPA does, This principle basically requires representation from the producer, manufacturer, designer, user, and inspector. According to a National Bureau of Standards study the current structure of code making bodies found that 78% of the proposed changes were from industry, pertinent to industry interest and not necessarily based on the latest research. Perhaps what is needed is a coordinating body (which represents the public interest) to collect, disseminate and report information of whatever source and introduce it to the code making bodies in their code making process.

#### Conclusion

Earlier I mentioned that the health facility is beset with standards and regulations to which it must conform in order just to keep the doors open. Hospitals, probably more than any other building group, are for safety and life support and preservation of its patients and staff. And hospitals are interested in and do support the National Fire Protection Association in this regard. However, it is not necessary for codes, standards and regulations to run over us and have the effective impact in the health care community of closing our doors.

nerican Hospital Association (AHA), National Fire Proion Association (NFPA), Social Security Administra-/Bureau of Health Insurance (SSA/BHI), Joint Commisof Accreditation of Hospitals (JCAH).





Photography by Joshua Freiwald



LOBBY FURNITURE: Metropolitan Furniture; Sunar Ltd.; Hiebert, Inc.; and Harter Corp. Corp. Draperies: Stagecraft Industries (Portland). Carpet: Patrick Carpet Mills. Partitions: Rose Manufacturing. Landscape architect: William Roth. Contractor: Donald M. Drake.

Kaplan/McLaughlin
Architect and interior designer
Newberry, Schuette, Wheeler
Associate architect
John Boerger
Frank Whelan
Project Architects

Ernie Young & Associates
Tower interior designer

## KAPLAN/ McLAUGHLIN

## **EMANUEL**

he health facilities work by Kaplan/McLaughlin began in 1965 with a mental health center in Marin, California. In 1973 Kaplan & McLaughlin pioneered in a triangular plan for St. Mark's Hospital in Salt Lake City, Utah—where a rooftop heliport lands patients from remote areas. St. Mark's triangular plan, found superior for operational efficiency—and more economical to construct than conventional buildings—is again employed for a new nursing wing at Emanuel Hospital in Portland, Oregon, one of the units shown here.

Expansion of Emanuel began in 1971/72 but was delayed by federal government controls until 1974 when the program was

## HOSPITAL

activated. Work completed now will serve as a guide to building in the future. The new lobby/link integrates two older brick buildings which have been renovated. Ramps and stairs within the space solve the problem of making up for differences in floor-to-floor heights of the two connected structures.

As they do for all their projects, Kaplan/McLaughlin first researched in depth how the spaces would be used, could be improved upon over other facilities, and meet future requirements. Public waiting/visiting areas included the main entrance lobby, surgical, ICU, etc. Although on-floor traffic is discouraged, the research covered





arrangements of seating (for different types of waiting rooms), sound-deadening materials, length of waiting time, and chair designs. Some of the considerations in specifying one type of chair over another, say Kaplan/McLaughlin, is that "A chair that is comfortable for ten minutes can be a minor form of torture for several hours. Certain chair designs are literally cruel to the elderly who must struggle to get out of them... Housekeeping staffs grumble when furniture has to be put back in place. Ergo, the architectural research garnered the information that "curved furniture forms and casual arrangements should be used more often, and that office landscaping, with its screens and plantings, is an ideal solution to making irregular furniture arrangements attractive."

In Emanuel's lobby/link those waiting don't have to sit staring at strangers opposite them. Furniture has been permanently installed in L-shape clusters, at 90° angles, to provide several group or individual seating clusters. By "sinking" the waiting area, circumventing it with the ramps and walkways, plus a strategic use of carpet and plants, the area is not only secluded but evades being a public thoroughfare. Admitting stations afford privacy with fabriclined, five-foot-high screens, and high waffled ceilings to control acoustics.

The triangular-shaped, five-story, 200 bed inpatient tower provides 80% of the occupants with a private room, carpeting, a pneumatic tube communication system, and other advanced design features. Use of the Co/Struc medical/surgical supply system, according to the hospital's general services v.p. Larry York, resulted in signifi-

cant cost savings.

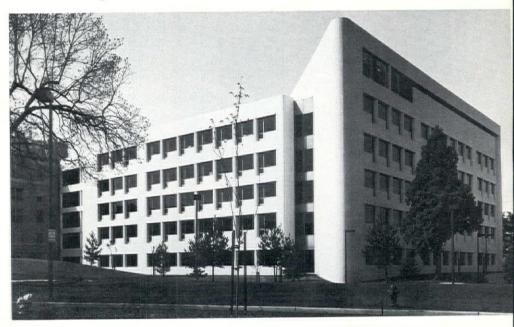
Interior designer Ernie Young, IBD, whose San Francisco firm specializes in hospital design, points to a number of considerations in addition to the architects' specification of basic color and plan-such as white walls in all patient rooms, and warm granite gray carpeting. Each of the five floors is color-coded to provide directions. Even those color blind can cope, because they can see variations in gray tones, while verbal and graphic directives fill in. Draperies are a transparent orange/rust fabric that plays with light, changing color depending on the time of day. It also will not interfere with the patient's skin tone during doctor examinations.

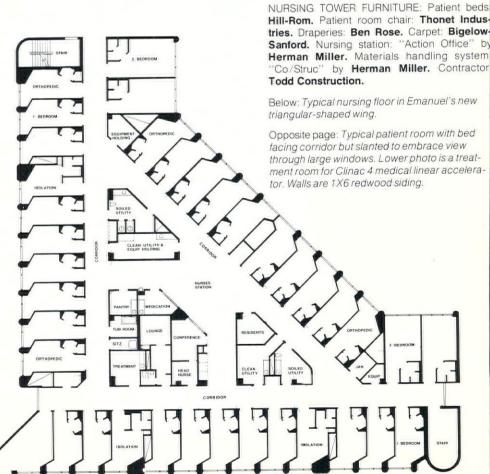
The architecture permits the patient bed to be placed at an angle, giving the patient a choice of an outdoor view or one into the corridor (the latter seems to be favored as more interesting). Also, nurses have a better visual supervision of the patients with the triangular plan.

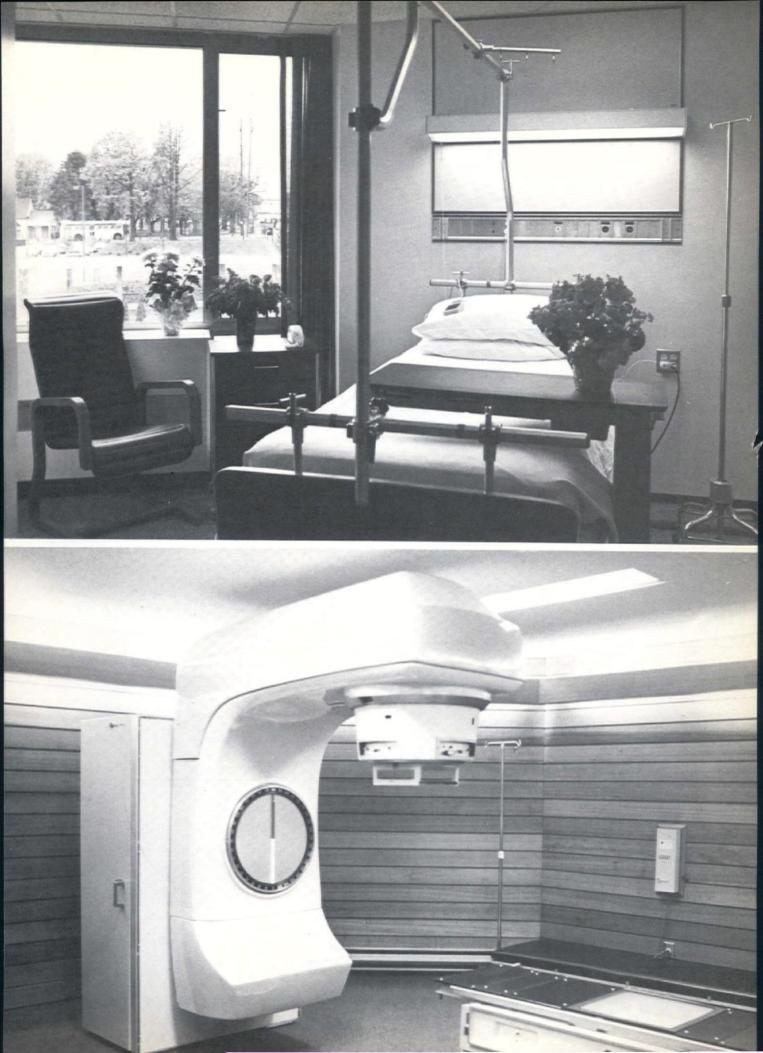
Emanuel is one of the most recent of a series of renewal projects in the health care field by Kaplan/McLaughlin. Additionally, they also have been active in mass housing—from townhouses, communal housing, apartment developments, and restored Victorian residences—all in California, home state of this San Francisco-based firm.

#### **EMANUEL HOSPITAL**

#### Research is a strong part of architect/designer's hospital work to satisfy patients, staff and future requirements







## ROGERS.

Architects and interior designers

J. Armand Burgun Partner in charge

William D. Adkinson Project architect

Michelle J. Zoller Stephanie Mallis

Project designers

Jamie Hanson Supergraphics and signage

**Turner Construction Company** General contractor



Photography by Bill Maris except as noted

enovated, recycled, or rehabilitated-whatever the term for saving an existing structure, it can be a most rewarding project for designer and architect. The small beginning of a Lutheran hospital in New York's borough of Brooklyn has a parallel theme in the new Lutheran Medical Center that rose from the rubble of an old foundry in the Bush Terminal section facing Upper New York Bay.

In 1882 Deaconess Sister Elizabeth, a nurse, tended the ills of Norwegian sailors in a ramshackle house in Brooklyn where many Scandinavians were settling. A hospital was later constructed, related to the American/Scandinavian Lutheran church. Today, a 20-member local board of trustees oversees operation of the present church-related, voluntary, non-profit facility that serves a community of 300,000 people who are mainly white and middle class or Puerto Rican and poor.

In 1970 the City of New York's gift of a five-story manufacturing building and four acres of land was a generous "political event" that resulted in the converted Medical Center which replaces an obsolete facility ten blocks away. The new quarters opened this past September, constructed in

2nd Floor

- 1 Ambulance
- 2 Observation
- 3 Surgery 4 X-ray
- 5 Medical
- 6 Pediatrics
- 7 Obstetics
- 8 New entrance
- 9 Admitting
- 10 Waiting
- 11 Coffee & gift shop

Above: Before and after deserted foundry was recycled to become a major health facility.

main entrance, is in newly constructed circulation core, holding elevators, information desk, waiting area, and admitting section (partially enclosed by tinted glass paneling). A balcony overlooks street level entrance.

Opposite page: Lobby, an escalator ride up from

Abandoned foundry in Brooklyn is reborn as a community medical center 33 months and within budget-from the time the bulldozers crawled inside to speed demolition to admitting the first patient to occupy one of the 532 beds. The old foundry was considered a "gigantic community nuisance" in a blighted ghetto waterfront area which hospital president George Adams and architect Burgun have called "the sickest part of the community." The new Medical Center, superbly equipped and excellently designed floor by floor, could be instrumental in healing a neighborhood as well as its residents. It was built for \$67.4million with funds from hospital, staff, community residents, churches, foundations, and companies, plus the Federal government, and a New York State loan. The city's generosity saved \$10-million in construction costs.

The shell of the 514,000 sq. ft., concrete factory was maintained. Reflective mirror glass was installed in existing window, openings, but most of the large window areas were blocked on the inside to reduce heat loss. Individual segments have been maintained as patient room windows, fitted with operable venetian blinds sandwiched between glass panes.

New construction was confined to a contemporary front entrance with two escalators rising to a spacious circulation core

## LUTHERAN MEDICAL CENT



serviced by eight elevators. Installation of a sprinkler system (an option in the 1973 Life Safety Code) permitted reduction of corridor heights from 16 ft. to 10 ft. A monorail, installed on the first and fifth floors with five vertical connections, provides efficient materials handling throughout this 700-ft.-long building. Six medical and surgical units occupy the top three floors with 80 percent double rooms. There are also ten major operating rooms, four delivery rooms, and others for specialized medicine. When research on the use of the hospital revealed that the neighborhood people were using the acute emergency room as one would a doctor's unscheduled general practice office, a second type of emergency service was established in the new quarters for those who were just "not feeling well."

Interiors are bright, colorful, and comfortable-public areas bearing little resemblance to a hospital in look or smell. The designers turned to inexpensive treatments in supergraphics, and vinyl wallcoverings applied in patterns to walls and ceilings. But there was no compromise on quality. The best firms were specified for furnishings that would be attractive and still stand up under hard use. To simplify ordering and replacement while giving continuity to the project, systems of furniture were chosen-such as Nova chairs placed individually in dining rooms and auditorium, but used in tandem seating in clinic waiting rooms. Morrison Hannah couches will be found in small waiting rooms on patient floors, and also in a pediatric clinic where parents sit on them and children climb over the backs to bounce down into a carpeted play pit. Supergraphic numerals and lettering above doors make it easy to locate patient rooms and offices. All supergraphics and signage were designed by Jamie Hanson, who also left no doubt about which floor one was on when traveling by elevator-due to jumbo numerals on the

Color is the key to where you are and where you want to go. Each department is given a color (pink—not red—for acute emergency). The eight colors are rotated in patient rooms. Even the cubicle curtains were woven to order in this sequence. Wood veneer of all doors is stained with color-keyed analine dyes. All beds are white laminate.

A wide oak railing along patient room corridors is also applied horizontally as top moldings around panels enclosing visitors' waiting sections. Details throughout the hospital receive as generous an amount of consideration as the larger furniture items—from wall-mounted pamphlet and nursing record holders of lucite to the painting of basement cement blocks in purple and orange. Even the monorail system has two colors to identify high and low carriages.

The interior design program for Lutheran Medical Center was begun by project designer Stephanie Mallis. When she left Rogers, Butler & Burgun to pursue an architecture degree at Harvard, Michelle Zoller inherited the work. Ms. Zoller, who has literally "lived with" the Lutheran project for the past two and one-half years, had nothing but praise for the helpful and coopera-







## LUTHERAN MEDICAL CENTER

Above, top to bottom: Auditorium with Visual Aid wall strip for projections or to write on; staff library; a clinic waiting room with tandem seating; and (below) basement monorail system.

Opposite page, clockwise from top left: Lobby waiting area with fluid Chadwick seating and ceiling light strips suspended by piano wire; play area off lobby; coffee shop, where vinyl wall graphics follow angled ceiling plane and color; single and double patient rooms, with windows framed in vinyl graphics; and employees' dining room where sliding panels at one end enclose private rooms for doctors' meals or meetings. Existing columns are painted in shiny white epoxy.



tive attitudes of the hospital's management and the manufacturers who were most enthusiastic about the entire design concept and strong visual impact. When requested, manufacturers were only too glad to present color charts for operating equipment, or the upholstery for wheel chairs so they would coordinate with the floors' color program.

In considering itself as a "hostpital without walls," Lutheran has created a Department of Comprehensive Health Planning to analyze the condition of the community's housing, and has worked with a HUD rehabilitation program to make abandoned houses available to low-income buyers. It is hoped that the renaissance of the foundry buildings into a worthwhile, needed, and attractive facility will spark a corresponding revival within the community, with both working toward total well being..

Rogers, Butler & Burgun, international architects, planners, and interior designers, was founded in 1947 by Francis Day Rogers, son of James Gamble Rogers, FAIA, whose buildings on Yale's campus, and the Harkness Memorial Hospital triangle in New York, are outstanding examples of eclectic styles of the 1920's and 1930's. The present firm has completed more than 300 health facility projects over the past 30 years. (In March 1969 INTERIORS published the new building for The New York Eye and Ear Infirmary.) After many years at One Park Avenue in New York, Rogers, Butler & Burgun has moved to 521 Fifth Avenue in the Grand Central area. They find the health care field is broadening geographically, with recent commissions for an eve clinic in Maghraby, Saudi Arabia, and a **BETTY RAYMOND** hospital in Cairo.

LOBBY FURNISHINGS

Carpet: Seamloc "Nunylo." Seating: Herman Miller "Chadwick" and Tubular Seating. Drum tables: Glassform. Desks and panels: Westinghouse. Ceiling: Paraline.

COFFEE SHOP.

Counter: Haggerty Millwork. Chairs: Atelier International: Tables: L & B Products. Carpet: Seamloc. Blinds: Louverdrape. Ceiling: Paraline. Counter stools: L & B Products.

PATIENT ROOM:

Beds: InterRoyal. Patient chair: Herman Miller. Guest chairs: Atelier International. Cubicle curtains: Maharam. Windows: Amelco. Flooring: Flintkote "Slate." Patient floor waiting areas and pediatric clinic: Seating: Knoll "Morrison Hannah." Carpet: Eurotex "Tretford."

OUTPATIENT CLINIC:

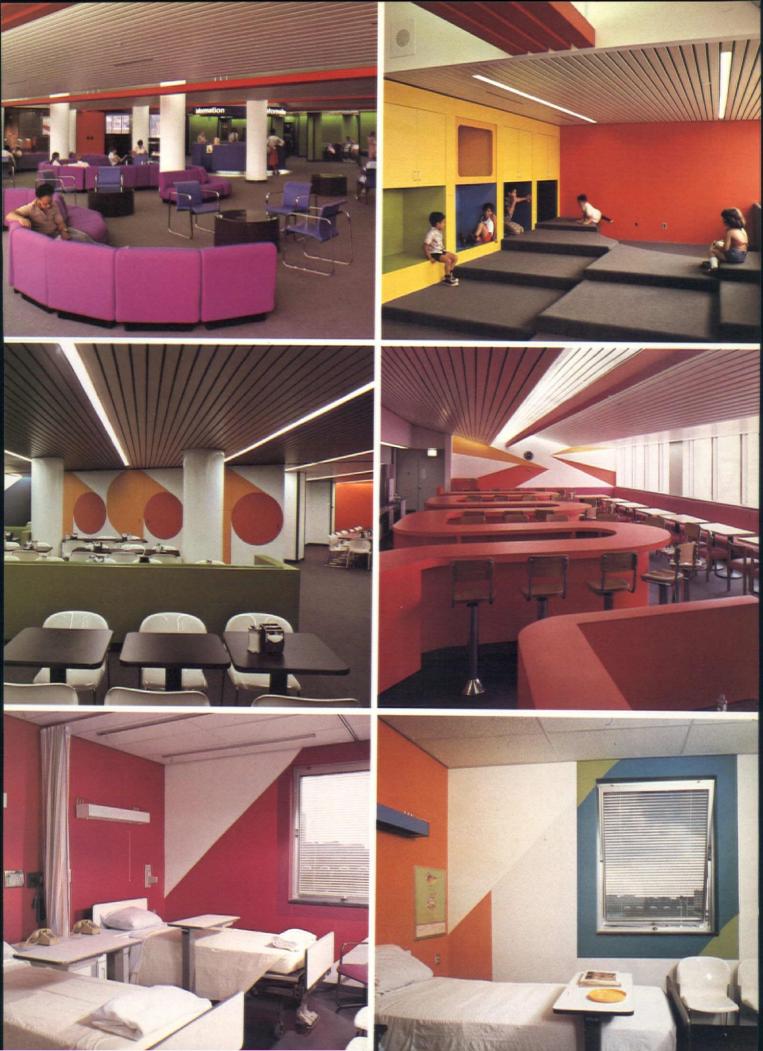
Tandem seating: Atelier International. "Nova." Pamphlet racks: Peter Pepper Products.

EMPLOYEE DINING ROOM.

Tables: L & B Products. Chairs: Atelier International "Nova." Banquettes: Chairmasters. Vinyl wallcovering: Columbus Coated Fabrics. Carpet: Seamloc.

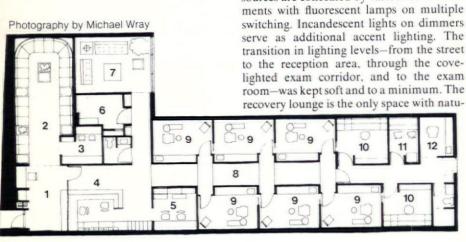
GENERAL SOURCES.

Ceiling in lobby, coffee shop, and employee dining room: Paraline. Vinyl wallcovering: Columbus Coated Fabrics (patient rooms, hallways. Vinyl flooring other than for patient room and corridor: Armstrong "Exelon." Custom woodworking: Haggerty Millwork. Epoxy wallcovering: Arcoat. Interior signage: The Other Sign Company. Exterior signage: Art Craft. Monorail: Amsco. Auditorium wall panel: Eberhard Faber "Visual Aid." Library seating: Interiors International.



he office of Dr. Eugene Joyce, designed by Ferendino Grafton Spillis Candela, is both a renovation and an addition to an existing doctor's office building. The structure was entirely gutted, and to meet the particular needs of the doctor, a wing was added to house the reception area and recovery lounge. Square footage totals 2,700 sq. ft.

The client specifically requested that there be no use of environmental graphics or bright colors, and, as he preferred a refined and sophisticated atmosphere, also wanted a conservative use of materials. The design solution evolved, of course, from this predilection, and from the fact that the client was an ophthalmologist and eye surgeon. It was vital to create controlled lighting levels so as not to disturb the patient as he moves through the space. Lighting sources are concealed by various cove treatments with fluorescent lamps on multiple switching. Incandescent lights on dimmers serve as additional accent lighting. The transition in lighting levels-from the street to the reception area, through the covelighted exam corridor, and to the exam room-was kept soft and to a minimum. The



## FERENDINO, GRAFTON, SPILLIS, CANDELA

## OPHTHALMOLOGIST'S OFFICE

- 1. Reception
- 2. Waiting
- 3. Pediatric waiting
- 4. Control Desk
- 5. Record storage and work room
- 6. Storage
- 7. Recovery lounge
- 8. Corridor
- 9. Examination rooms
- 10. Doctor's office
- 11. Lunch room
- 12. Emergency room

ral lighting, and perforated vertical blinds are employed to acclimate the patient back to daylight levels.

In areas of heavy traffic, hardwood flooring was used, with carpeting in waiting and lounge spaces. The selection of color was made with regard to the subdued lighting levels, and thus complements the atmosphere.

The over-sized reception desk was custom designed to accommodate several functions. Its shape evolved from a direct analysis of the working habits of the nurses in that area. Large spaces were provided for reception, three nurses, patient records and accounts.

RICHARD ZOEHRER

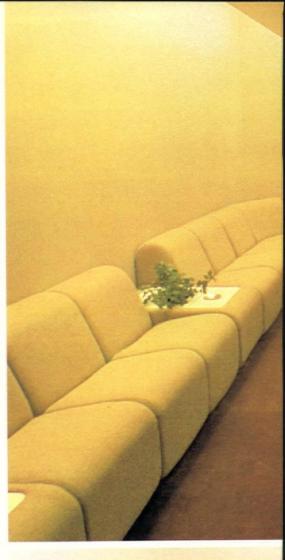
Architects/Engineers: Ferendino/Grafton/

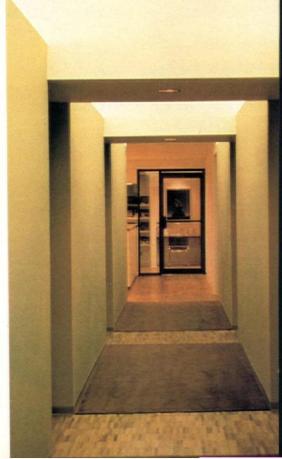
Spillis/Candela

Project manager: Howard Snoweiss, IBD

Project designer: Juan Lezcano

Cabinetwork: **Key Enterprises**. Carpet: Unibond carpet, **J&J Industries**. Wood flooring: **Arco Chemical**. Reception seating and tables: **Vecta**. Side chairs: **GF Business Equipment**. Posture chairs: **Harter Corp**. Lounge seating: **Knoll**. Files: **GF Business Equipment** and **Supreme**. Vertical blinds: **Louverdrape**. Exam room equipment: **American Optical**.







Top left: Simple design and ample seating characterize the waiting area. Note soft, indirect lighting. Bottom, far left: Cove-lit corridor, leading toward reception area. Bottom left: Magazine rack and functional desk nook add interest to reception area, border on waiting room. In this column, top to bottom: An examination room; wating area seen from reception; and custom designed control desk.











## **NOEL JEFFREY**

## DENTISTRY FOR CHILDREN CLINIC

Photography by Robert Perron



or the adult in us who is reduced to a terrified toddler at the sound of the dentist's drill, the proceedings at the Dept. of Dentistry for Children, New York University College of Dentistry, New York, N.Y. come as a joyous revelation. Children are actually happy to visit the clinic designed by Noel Jeffrey, interior designer, for the school. And parents take an active interest in their children's treatment.

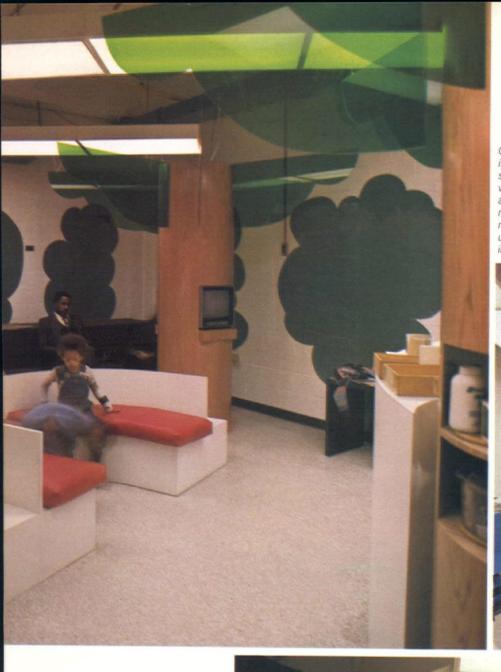
A miracle? Perhaps. More likely, it was the close cooperation of Noel Jeffrey with school officials headed by Dr. Stephen J. Moss, professor and chairman of the Department, in identifying and resolving the sociological challenges in the relationships of clinic to staff and patients, and the generous support of the Hecksher Foundation that made this success possible.

One of the major objectives was to educate children and their parents to the benefits of dental care in such a way as to remove fear of actual treatment. Towards this end, visitors feel welcome the moment they enter the reception room. Here Jeffrey provides a generous amount of seating without using up valuable floor area by means of two economical seating solutions, the carpeted multiple tiered "bleachers" and a circular bench. The bleachers seem especially popular in Jeffrey's words, "because children don't like to sit." Here, perched on many levels, parents and children relax in comfort uncommon to such surroundings. In addition, handicapped children find wheelchairs, crutches, and the like fit easily on the open floor.

A blackboard for drawing and a bulletin board covered with snapshots, cards, and letters from apparently happy children receive much attention too. However, the most conspicuous objects in the space are the "trees" Jeffrey has fashioned from cabinetry with green acrylic sheet for "leaves." For imbedded in their trunks are closed circuit TV screens which relay what goes on in the treatment room beyond to those awaiting treatment themselves. This innovation by Dr. Moss is particularly important to the clinic's many black and Hispanic parents, whose desire to accompany their children to the dental chair cannot be physically accommodated.

Once inside the treatment room, children find Jeffrey has prepared another imaginative surprise: the ceiling. Rather than lower the relatively high ceiling to conceal pipes and duct work, he has painted them in lively colors that enhance their purpose. "You always look up in a dentist's chair," he reasons. "Why shouldn't you see something up there?" Set against the all-white room with a rainbow on the wall for company, these pipes give even the most anxious youngster something to smile about. ROGER YEE

SOURCES. General contracting: Garson Bergman. Cabinet work: Craftsmen Woodworkers. All seating, "trees," and reception desk made from original designs by Noel Jeffrey.



Children and parents are immediately welcomed into Dentistry for Children's clinic by informal seating, "trees" with closed circuit TV sets giving visitors an over-the-shoulder look at treatment, and bright graphic effects in views of reception room on this page left and bottom. Treatment room, opposite page and below, uses colorful upholsteries, a rainbow, and HVAC and plumbing in primary colors to set off all white space.

















have often, in these pages, expressed admiration for Los Angeles' extraordinary Pacific Design Center (by Cesar Pelli of Gruen Associates) and for its farsighted leadership (Executive Director Murray Feldman and President Dave Dawson). Another admirable aspect of the PDC is shown here: the Designers' Club carved out of 3500 sq. ft. of the building's fourth floor and given a lowkey but very knowing character by interior designer Janice Kerchman. The club, a perfect place for designers to relax with their clients after a day in the showrooms, offers a message center, telephone service, a library cataloguing PDC tenants' products and services, travel assistance, and other facilities. Kerchman has provided a welcome variety of spaces, from quiet, glass-walled conference rooms for serious consultations to a very cheery bar-lounge area for more gregarious meetings. Fiber sculptures for the walls were commissioned specifically for the club; other furnishings come from the building's tenants.

STANLEY ABERCROMBIE



ABOVE, a familiar view of the PDC-the Galleria on the building's fifth and sixth floors.

OPPOSITE PAGE, TOP, the club's bar area has a wall of glass with sweeping views of West Los Angeles. Tables: Intrex. Chairs: Shelby Williams. Chair upholstery: Lee Jofa. Bar stools: Knoll. Window shades: Athey Shades. Planters: Peter Pepper.

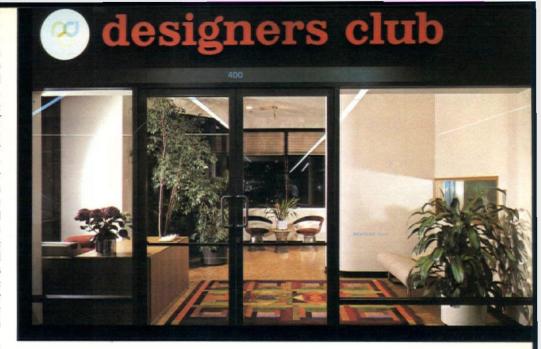
MIDDLE LEFT, wall opposite the windows is surfaced with gray mirror, doubling the view.

MIDDLE RIGHT, a series of quiet conference rooms for designer-client discussions. Tables: Herman Miller. Breuer chairs: Knoll. Silk screened graphics: Robin Vaccarino, Art Source. In the foreground: black desk: Intrex. Glass table: Metropolitan. Seating: Knoll. Wall accessories: Peter Pepper.

BELOW LEFT, around the corner from the bar, and enjoying the same great view, is lounge area for members and guests. Sofas and tables: **Metropolitan**. Pillow fabric: **Jack Lenor Larsen**. Woven sculpture on wall: Tetsuo Kusama. Carbet here and throughout the club: **Decorative Carpets**.

THIS PAGE, TOP: reception area seen from the glass entrance wall. **General Fireproofing.** Sofa, desk chair, reception chairs and table: **Knoll.** Area rug: **Decorative Carpets.** Aquarium (inset n wall at right, and with its opposite face open to the bar beyond): **Aquarium Enterprises.** 

RIGHT: PDC President Dave Dawson enjoys the music in the bar.



## JANICE KERCHMAN

## **DESIGNERS' CLUB**

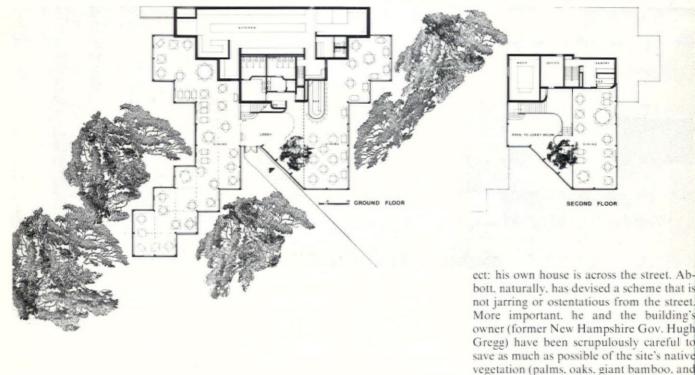
Within the famous Pacific Design Center, an oasis for functional conferences and fanciful conviviality



#### Glass modules in the jungle: a restaurant of strict geometry open to lush Florida vegetation

arasota. Florida, is more than just a pretty beach; it has as well a healthy share of interesting architecture: a small college campus by I.M. Pei, an elaborate Venetian palace built for the Ringlings, a lavender-colored auditorium by the Taliesin Fellowship (locally known as the "purple people-seater"), and a whole body of early work by Paul Rudolph (then working as a partner in the firm of Twitchell and Rudolph). Among Sarasota's most recent designs of interest is this sparkling restaurant on one of the keys which separate the mainland from the Gulf of Mexico.

Architect Carl Abbott, who designed the restaurant when he was a partner in the firm of Zoller-Abbott and who now heads a firm of his own, had a special interest in the proj-



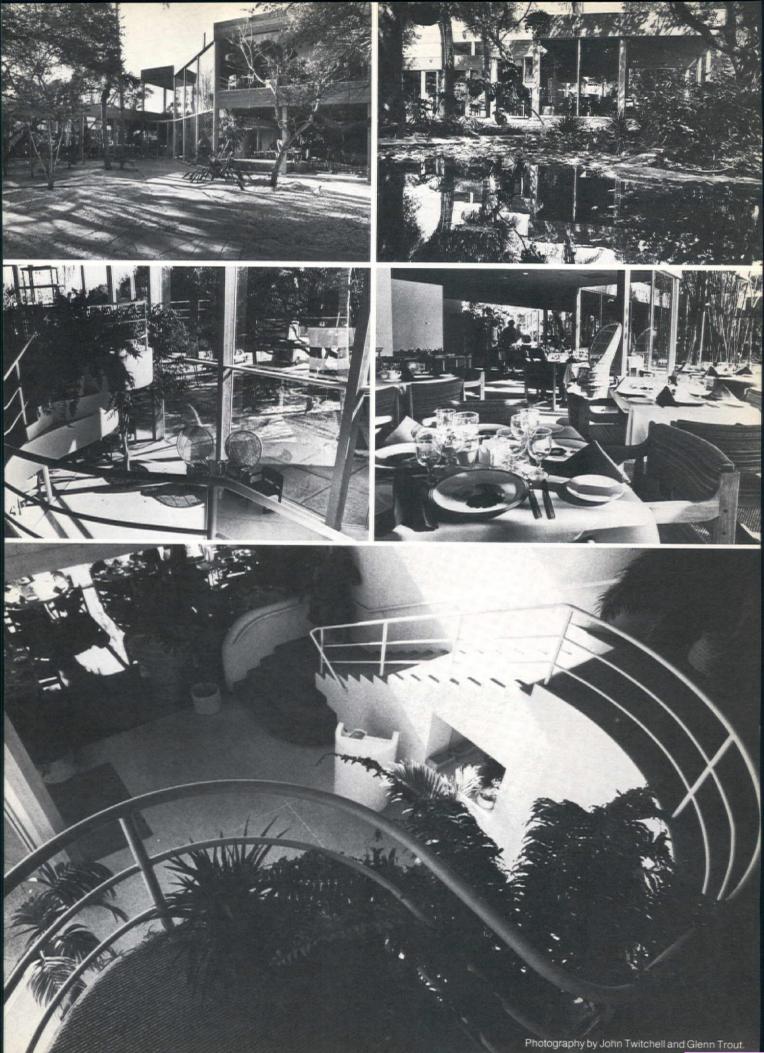
vegetation that sun-screening is accomplished naturally. Only the kitchen and office areas of the building have solid walls. In plan, the restaurant is a romantic rambling form, dodging this way and that to avoid choice plants. But there is an underlying order here as well: a strict module of ten-ft, cubes which is used consistently through the design. Breaking free of the module inside is a sweeping stair to the upper level dining room; here curves are an effective foil to the repeated cubes.

numerous flowering plants) and to open the interior to it. One wonders, indeed, if such great expanses of clear glass can be a work able design solution in the Florida sun, but so dense and so close to the building is the

Service stands and a copper-surfaced ba are custom designed by Abbott. Furnishing are warm but understated. In the midst o such glorious growth, why try to compete STANLEY ABERCROMBII

SOURCES. Chairs: Cortina armchair in silve walnut finish by Thonet. Chair upholstery: Ole fin. Tables with pedestal base: Thonet. Peacoc chairs: Trends, Inc. Planters: Robert James Inc. Carpet: Century XXI by Patcraft. Lights Markstone. Window blinds: Levelor. Ceiling tile Johns Manville.

## CARL ABBOTT GREENHOUSE RESTAURANT



#### Health care products

The National Fire Protection Association (NFPA) issues valuable, life-saving literature. "Firesafety in Hospitals," produced by the Association, is designed to reduce the chance of hospital fires. It outlines the fundamental principles of firesafe operations in all hospital areas, information that is important to administrators, engineers, safety directors, staff, and architects of hospitals. The package consists of 79 35mm slides, a cassette tape, an instructor's guide, and ten student workbooks. It may be ordered for \$65 from the NFPA Publications Sales Department, 470 Atlantic Avenue, Boston, MA 02210. The Association issues a catalog of other publications.

The R.C. Musson Rubber Company offers "Walk-Saf" carpet mats and matting that are designed to meet stringent Federal, state, and local laws governing Flame Spread qualities of floor covering materials specified for health care facilities, schools, or any public buildings. Musson vinyl-back carpet mats protect indoor floors and floor coverings from damaging outdoor soil. Walk-Saf is made of cut-pile yarn in four color blends.

Koppers Company, Inc. has developed NCX fire-retardant treated wood paneling, recently used by architect Jack Saro for a refurbished hospital building in Midland, Michigan now in use as a mental health center. NCX wood is produced by pressure-impregnating with a fire-retardant resin salt. After treatment, the wood is kiln-dried, to cure the chemicals. In the event of fire, the fire retardant chemicals cause the combustible gases and tars to convert to harmless carbon dioxide, water, and carbon char. The char layer helps to insulate underlying wood from the source of heat, according to Koppers. circle 308

#### Kentucky Wood Floors They're New and Exciting

Wood flooring design and technology have added a new dimension with the introduction of end-grain flooring from Kentucky Wood Floors, Inc. Kentucky Crockett (right), in mesquite and cedar rounds in pre-grouted ½" x 24" x 24" x ections, is one of five end-grain patterns in the Kentucky line. This exciting and innovative manufacturer and marketer of wood flooring offers a wide range of products, from basic plank and parquet to custom designs incorporating multimedia (slate, stone, tile and metal) and mixed species (oak, walnut, ash and cherry). With an in-house design service and knowledgeable personnel, the company is equipped to serve both the specifier and the flooring dealer alike.

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#### Health care products

Mister Cubicle, a Brooklyn, N.Y.-based firm, carries Apollo cloth, a non-flammable fabric woven of 100% Beta Soft Fiberglas from Owens/Corning. The cloth is said to meet or exceed all fire codes, rate zero in the National Bureau of Standards Smoke Density Test; is treated with a special formula to kill germs and mildew; is anti-static, and needs no ironing. Apollo cloth is available as Decora:1200 striped cubicle curtains with color-coordinated window draperies, or in bulk yardage in six solid colors.

**Tulip Inc.** in Philadelphia will shortly introduce a vinyl-upholstered, wood-framed chair suitable for nursing homes and hospital patient rooms. circle 302

Allied Tube and Conduit Corporation has issued a brochure describing its lightweight, thin-walled sprinkler pipe that meets the guidelines of the National Fire Protection Association, and is said to be less costly than other systems. circle 309

**Sunroc Corporation,** a leading manufacturer of electric water coolers for over 50 years, has developed a wheel chair level water cooler with a soft touch, self-closing push bar operation. Designated Model HCWC-8, the bubbler of the unit can be activated by lightly pushing the 12 in. bar in the middle or on either end—by hand or by an individual's chest. *circle 310* 

Mannington Mills, Inc. has toughened its special no-wax floorings for commercial applications, such as nursing homes. "Architect's Choice," a quality that is said to exceed Federal, FHA, and H.E.W. requirements for contract interiors, has a built-in compact cushioning that makes the product quiet and easy to walk on.

circle 312





PREMIER MARKET OF THE YEAR JANUARY 8 THROUGH 14, 1978

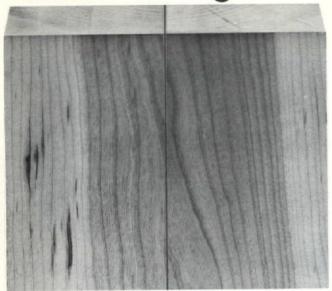
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#### Health care products

Carolina Seating Company offers an immense selection of seating for health facilities as well as other contract installations. The health care line is manufactured with either wood frames in nine fire retardant finishes, or a baked-on Tenite powdered finish in nine colors. Upholstery is easy-to-clean



Naugahyde. Chair illustrated (#6589) has a removable restraining tray. Options include wing sides, other type bases. Many models come with ottomans and matching tables.

circle 30

Arc Com Fabrics, Inc. has added "Firecheck." a 54 in. woven fabric in 24 colors that is inherently flame retardant without any chemical processing and. according to the company. "passes every fire code in the country." Content is 65% modacrylic, 35% nylon. Rather than the customary two-color tweed texture, Firecheck is woven in three colors. Answering a demand for such fabrics, Arc Com plans to add a solid which will coordinate with a stripe—also in a competitive price range.

circle 304



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#### Health care products

La-Z-Boy Contract chairs are a far pleasanter alternative to hospital beds for kidney patients who require four to six hours for dialysis treatment at one time. In addition to the chairs' space-saving advantages, there are psychological benefits in that patients can adjust the chairs for reading, sleeping, or watching television. The satellite dialysis facility illustrated



above is at Booth Memorial Medical Center, Flushing, N.Y., designed by Norman Rosenfeld, AIA, a health facility consultant, who recently expanded his New York City firm by adding Interdesign Group, Inc., a facilities improvement program for all types of contract interiors.

Masonite Corporation has introduced *Brand Flame Test* paneling that has a Flame Spread Rating of 25, making it acceptable for nursing homes, hospitals, and other institutional applications where building and fire code requirements are a prime



consideration. Illustrated is "Sunrise" Flame Test hardboard installed in a nursing home room. It features random spaced grooves, detailed graining, and rich colors. circle 305

**Seton Name Plate Corporation** guides the sightless through hospitals, extended care facilities, and other public buildings with embossed braille identification plates for elevator control panels and door frames. *circle* 306

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#### Interior and Exterior Architectural Signage







No Entry





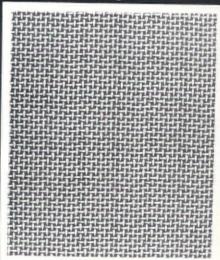




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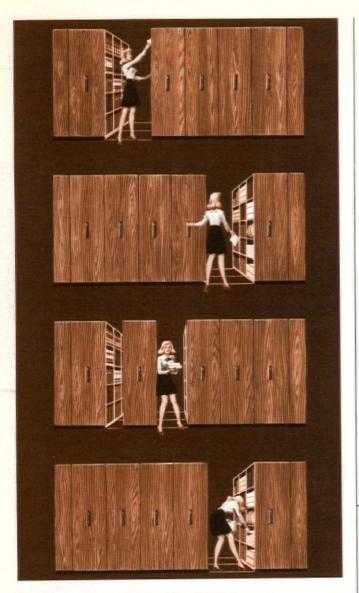


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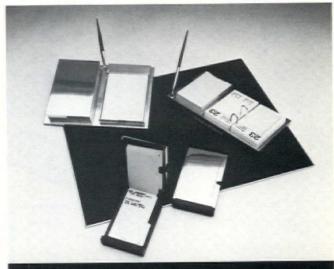
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# Contract INTERIORS Directory of America's Great Sources

#### This Directory is in three sections.

Part I (this page) includes an alphabetical listing of product categories; followed by an alphabetical listing of product sub-heads found within each category. Page number references are adjacent to each product type.

Part 2 (page 103) is the "Products and their Sources" section

Part 3 (page 110) lists all of the sources and their addresses.

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Hat & Coat Racks Headboards Hi Fi & Stereo Equipment Hospital Furniture Hotel/ Motel Furniture  Lamps Leather Letters Lecterns Library Furniture Luminous Ceilings  Maintenance Mantels Maps Marble Marble Flooring Mattresses Metal Desks Metal Tile, Wall Mineral Products Mirrored Furniture Mirrored Furniture Mirrores & Mirror Frames Moldings Movable Partitions Multiple Seating  Office Furniture, Wood Office Open Plan Systems Oriental Rugs Ornamental Metal	103 106 106 106 106 109 104 103 106 109 109 104 103 104 105 106 107 106 106 106	Tables Table Bases Tapestries Task/Ambient Lighting Textile Wallcoverings (Paper Backed) Track Lighting Trade Associations Trade Buildings and Marts Trade Shows Trimmings  U Upholstered Furniture Upholstering Upholstered Fabrics  V Veneers Venetian Blinds Vertical Blinds Vinyl Asbestos Tile, Floor Vinyl Fabrics Vinyl Tile, Floor Vinyl Wallcoverings  W Wall Carpeting Wallcoverings & Matching Fabrics Wall Hangings Wall Systems (Shelving & Storage) Wall Upholsterers	108 103 109 109 109 109 109 104 108 109 104 105 109 109 110 103 110 103 108
Hat & Coat Racks Headboards Hi Fi & Stereo Equipment Hospital Furniture Hotel / Motel Furniture  Lamps Leather Letters Lecterns Library Furniture Luminous Ceilings  M  Maintenance Mantels Maps Marble Flooring Mattresses Metal Desks Metal Tile, Wall Mineral Products Mirrored Furniture Mirrors & Mirror Frames Moldings Movable Partitions Multiple Seating  Office Furniture, Wood Office Furniture, Wood Office Open Plan Systems Oriental Rugs	103 106 106 106 106 109 104 103 106 109 104 103 104 105 103 104 106 109 110 106 107 106	Tables Table Bases Tapestries Task/Ambient Lighting Textile Wallcoverings (Paper Backed) Track Lighting Trade Associations Trade Buildings and Marts Trade Shows Trimmings  U Upholstered Furniture Upholstering Upholstering Upholstered Fabrics  V Veneers Venetian Blinds Vertical Blinds Vinyl Asbestos Tile, Floor Vinyl Fabrics Vinyl Tile, Floor Vinyl Tile, Floor Vinyl Tile, Floor Vinyl Wallcoverings  W Wall Carpeting Wallcoverings & Matching Fabrics Wall Hangings Wallpapers Wall Plaques Wall Upholsterers Wicker Furniture	108 103 109 109 109 109 109 104 108 109 104 104 110 110 110 105 109 109 110 103 103 103 106 110 107
Hat & Coat Racks Headboards Hi Fi & Stereo Equipment Hospital Furniture Hotel / Motel Furniture  Lamps Leather Letters Letters Lecterns Library Furniture Luminous Ceilings  M  Maintenance Mantels Maps Marble Marble Flooring Mattresses Metal Desks Metal Tile, Wall Mineral Products Mirrore Furniture Mirrors & Mirror Frames Moldings Movable Partitions Multiple Seating  Office Furniture, Wood Office Open Plan Systems Oriental Rugs Ornamental Metal Outdoor Furniture	103 106 106 106 106 109 104 103 106 109 104 103 104 105 103 104 106 109 110 106 107 106	Tables Table Bases Tapestries Task/Ambient Lighting Textile Wallcoverings (Paper Backed) Track Lighting Trade Associations Trade Buildings and Marts Trade Shows Trimmings  U  Upholstered Furniture Upholstering Upholstered Fabrics  Vertical Blinds Vertical Blinds Vertical Blinds Vertical Blinds Vinyl Asbestos Tile, Floor Vinyl Fabrics Vinyl Tile, Floor Vinyl Wallcoverings  W  Wall Carpeting Wallcoverings & Matching Fabrics Wall Hangings Wallplaques Wall Systems (Shelving & Storage) Wall Upholsterers Wicker Furniture Wine Cellars	108 103 109 109 109 109 109 104 104 104 110 110 110 105 109 109 109 109 109 109 109 101 101 101
Hat & Coat Racks Headboards Hi Fi & Stereo Equipment Hospital Furniture Hotel/Motel Furniture  Lamps Leather Letters Lecterns Library Furniture Luminous Ceilings  Maintenance Mantels Maps Marble Marble Flooring Mattresses Metal Desks Metal Tile, Wall Mineral Products Mirrored Furniture Mirrores & Mirror Frames Moldings Movable Partitions Multiple Seating  Office Furniture, Wood Office Open Plan Systems Oriental Rugs Ornamental Metal	103 106 106 106 106 109 104 103 106 109 104 103 104 105 103 104 106 109 110 106 107 106	Tables Table Bases Tapestries Task/Ambient Lighting Textile Wallcoverings (Paper Backed) Track Lighting Trade Associations Trade Buildings and Marts Trade Shows Trimmings  U Upholstered Furniture Upholstering Upholstered Fabrics  V Veneers Venetian Blinds Vertical Blinds Vertical Blinds Vinyl Asbestos Tile, Floor Vinyl Fabrics Vinyl Tile, Floor Vinyl Wallcoverings  W W Wall Carpeting Wallcoverings & Matching Fabrics Wall Hangings Wall Daques Wall Systems (Shelving & Storage) Wall Upholsterers Wicker Furniture Wine Cellars Wood Desks	108 103 109 109 109 109 109 104 108 109 104 104 110 110 110 105 109 109 110 103 103 103 106 110 107
Hat & Coat Racks Headboards Hi Fi & Stereo Equipment Hospital Furniture Hotel/Motel Furniture  Lamps Leather Letters Lecterns Library Furniture Luminous Ceilings  Maintenance Mantels Maps Marble Flooring Mattresses Metal Desks Metal Desks Metal Tile, Wall Mineral Products Mirrored Furniture Mirrores & Mirror Frames Moldings Movable Partitions Multiple Seating  Office Furniture, Weod Office Furniture, Wood Office Open Plan Systems Oriental Rugs Ornamental Metal Outdoor Furniture	103 106 106 106 106 109 104 103 106 109 104 103 104 105 103 104 105 106 109 110 106 107 105 104 106 106	Tables Table Bases Tapestries Task/Ambient Lighting Textile Wallcoverings (Paper Backed) Track Lighting Trade Associations Trade Buildings and Marts Trade Shows Trimmings  U Upholstered Furniture Upholstering Upholstered Fabrics  Venetian Blinds Vertical Blinds Vertical Blinds Vinyl Asbestos Tile, Floor Vinyl Fabrics Vinyl Tile, Floor	108 103 109 109 109 109 109 104 108 109 104 105 109 109 110 103 110 103 110 103 110 107 110 108
Hat & Coat Racks Headboards Hi Fi & Stereo Equipment Hospital Furniture Hotel / Motel Furniture  Lamps Leather Letters Letters Lecterns Library Furniture Luminous Ceilings  M  Maintenance Mantels Maps Marble Marble Flooring Mattresses Metal Desks Metal Tile, Wall Mineral Products Mirrore Furniture Mirrors & Mirror Frames Moldings Movable Partitions Multiple Seating  Office Furniture, Wood Office Open Plan Systems Oriental Rugs Ornamental Metal Outdoor Furniture	103 106 106 106 106 109 104 103 106 109 104 103 104 105 103 104 106 109 110 106 107 106	Tables Table Bases Tapestries Task/Ambient Lighting Textile Wallcoverings (Paper Backed) Track Lighting Trade Associations Trade Buildings and Marts Trade Shows Trimmings  U Upholstered Furniture Upholstering Upholstered Fabrics  V Veneers Venetian Blinds Vertical Blinds Vertical Blinds Vinyl Asbestos Tile, Floor Vinyl Fabrics Vinyl Tile, Floor Vinyl Wallcoverings  W W Wall Carpeting Wallcoverings & Matching Fabrics Wall Hangings Wall Daques Wall Systems (Shelving & Storage) Wall Upholsterers Wicker Furniture Wine Cellars Wood Desks	108 103 109 109 109 109 109 104 108 109 104 104 105 109 109 110 103 108 109 109 109 110 101 101 101 101 101 101

Wrought Iron Furniture

## Part 2 Products and their Sources

#### ACCESSORIES

#### Acrylic Accessories

The William Brenner Furniture Corp. Campaniello Imports Ltd. Fuller Office Furniture, Corp. Karl Mann Associates Southeast Wholesale Furniture Co.

#### Art-Graphics, Paintings, Prints, Sculpture

Alva Museum Replicas, Inc. Artafax Systems, Ltd., Inc Art for Art's Sake Artisan House, Inc. Atelier International, Ltd. Berkey K & L Gallery of Photographic Art Decor Designers Furniture Center Int'l. Eastman Kodak Company Eldon Office Products Forms & Surfaces Gemini F.E.L. Jack Lenor Larsen, Inc. Karl Mann Associates Meisel Photochrome Corp. New York Graphic Society Peter Pepper Products Inc. Peter Rose Gallery The Sculpture Studio Inc. Southeast Wholesale Furniture Co. C.W. Stockwell, Inc. Alex Stuart Design TSAO Designs, Inc. Vanguard Studios, Inc. Yorkraft, Inc.

#### Chinaware

The Hall China Co.-Hall Artistone Southeast Wholesale Furniture Co. C. W. Stockwell, Inc.

#### Clocks

Artisan House, Inc.
Fuller Office Furniture, Corp.
Intra/Van Den Berg
Howard Miller Clock Co.
Peter Pepper Products Inc.
Southeast Wholesale Furniture Co.
Vanguard Studios, Inc.
Vanleigh Contract Corp.

#### **Decorative Hardware**

Dahnz Industries USA Inc. Forms & Surfaces Intrex Inc., Architectural Supplements, Inc., and Habitat Inc. Omni Div. Hoover Ball & Bearing Co.

#### **Decorative Screens**

Conwed Corporation
Cumberland Woodcraft Co.
Dahnz Industries USA Inc.
Designers Furniture Center Int'I.
Forms & Surfaces
Lawrence Metal Products, Inc.
Levolor Lorentzen Inc.
Lozano-Fisher Inc.
Norman Perry Inc.
Rose Manufacturing Co.
The Sculpture Studio Inc.
Southeast Wholesale Furniture Co.
C.W. Stockwell, Inc.

#### Desk and Office Accessories

Artisan House, Inc.
Atelier International, Ltd.
BPC Enterprises, Inc.
Beylerian Limited
Brickel Associates, Inc.
Cole Business Furniture
Conwed Corporation
Cosco Contemporaries
Cramer Industries Inc.
Designers Furniture Center Int'l.
Desks Inc.
Eldon Office Products
Fuller Office Furniture, Corp.

Intrex Inc., Architectural Supplements, Inc., and Habitat Inc.
J G Furniture Co.
Jack Lenor Larsen, Inc.
Metcor Manufacturing
O'Grady & Siegel Associates
Peter Pepper Products Inc.
Southeast Wholesale Furniture Co.
Sunar Industries Ltd.
Swan Brass Beds
TSAO Designs, Inc.
Turner Ltd.
Vecta Contract

#### **Furniture Hardware**

Dahnz Industries USA Inc. Gas Spring Corporation Intrex Inc., Architectural Supplements, Inc., and Habitat Inc. Peter Pepper Products Inc.

#### Globes, Maps and Charts

Fuller Office Furniture, Corp.

#### Letters, Signs and Plaques

BPC Enterprises, Inc.
Dahnz Industries USA Inc.
A.C. Davenport & Son Co.
Entol Industries, Inc.
Forms & Surfaces
O'Grady & Siegel Associates
Vanguard Studios, Inc.
Yorkraft, Inc.

#### Mirrors and Mirror Frames

Artisan House, Inc.
Beylerian Limited
Brueton Industries Inc.
Designers Furniture Center, Int'l.
The Hitchcock Chair Co.
International Terra Cotta Inc.
Kamar Products Inc., Mirrorlite Div.
Lozano-Fisher Inc.
Karl Mann Associates
Neo-Art, Inc.
Harvey Probber Inc.
Southeast Wholesale Furniture Co.
Swan Brass Beds
Vanguard Studios, Inc.
Yorkraft, Inc.

#### **Picture Frames**

Atelier International, Ltd.
Berkey K & L Gallery of Photographic
Art
International Terra Cotta Inc.
Jack Lenor Larsen, Inc.
Karl Mann Associates

#### Plants and Flowers, Artificial

Fuller Office Furniture Corp. Southeast Wholesale Furniture Co.

#### Plants and Flowers, Live

Plants Plus

#### Planters, Indoor

Atelier International, Ltd.
BPC Enterprises, Inc.
Beylerian Limited
Brayton International, Inc.
Brueton Industries, Inc.
Campaniello Imports Ltd.
Cosco Contemporaries
Cramer Industries Inc.
Designers Furniture Center Int'I.
Desks Inc.
Forms & Surfaces
Fuller Office Furniture, Corp.
Gayeski Furniture Coordinates
Hanno div. Rotocast Plastic Prods.
International Terra Cotta Inc.
Intrex Inc., Architectural Supplements,
Inc., and Habitat Inc.
Jack Lenor Larsen, Inc.
Lawrence Metal Products, Inc.
Lozano-Fisher Inc.

Peter Pepper Products Inc. Harvey Probber Inc. Southeast Wholesale Furniture Co. Swan Brass Beds TSAO Designs, Inc. Vecta Contract Wesley Allen Brass Beds

#### Planters, Outdoor

Atelier International, Ltd.
Beylerian Limited
Brayton International Inc.
Designers Furniture Center Int'I.
Desks Inc.
Forms & Surfaces
Fuller Office Furniture, Corp.
Hanno div. Rotocast Plastic Prods.
International Terra Cotta Inc.
Intrex Inc., Architectural Supplements,
Inc., and Habitat Inc.
Peter Pepper Products Inc.
Southeast Wholesale Furniture Co.

#### Silverware

Supreme Cutlery

#### **Tapestries**

Artafax Systems, Ltd., Inc. Atelier International, Ltd. Designers Furniture Center Int'l. Boris Kroll Fabrics Modern Master Tapestries, Inc. Jack Soskin Associates, Inc. TSAO Designs, Inc.

#### Wall Hangings

Artafax Systems, Ltd., Inc.
Artisan House, Inc.
Designers Furniture Center Int'l.
Edward Fields Inc.
Forms & Surfaces
Jack Lenor Larsen, Inc.
Karl Mann Associates
Mira-X International Furniture, Inc.
Modern Master Tapestries, Inc.
Harvey Probber Inc.
Peter Rose Gallery
Scalamandre
Southeast Wholesale Furniture Co.
Jack Soskin Associates, Inc.
TSAO Designs, Inc.
Yorkraft, Inc.

#### Wall Plaques

Alva Museum Replicas, Inc.
BPC Enterprises, Inc.
The Diller Corporation
Entol Industries, Inc.
Forms & Surfaces
International Terra Cotta Inc.
Harvey Probber Inc.
Southeast Wholesale Furniture Co.
Wallpapers Inc. of Houston
Yorkraft, Inc.

#### **ANTIQUES**

#### Antique Art Objects

Karl Mann Associates Southeast Wholesale Furniture Co. Stark Carpet Corporation C.W. Stockwell, Inc. Alex Stuart Design John Stuart Int'l/John Widdicomb Co.

#### Oriental Rugs, Antique

Harmil Carpet Inc. Jack Soskin Associates, Inc. Stark Carpet Corporation

#### BATH

#### **Bath Accessories**

Kirsch Company Swan Brass Beds United States Gypsum Co.

#### BEDS & BEDDING

#### **Bed Frames**

Atelier International, Ltd.
Avery Boardman Ltd.
Campaniello Imports Ltd.
Designers Furniture Center Int'l.
Discovery Concepts, Inc.
Flex-O-Lators, Inc.
Nemschoff Chairs Inc.
The Pace Collection, Inc.
Southeast Wholesale Furniture Co.

#### Bedspreads

Arc-Com Fabrics
The William Brenner Furniture Corp.
Cohama Specifier Contract Fabrics
Designers Furniture Center Int'l.
Fabindia, Inc.

#### **Box Springs & Mattresses**

Avery Boardman Ltd.
Designers Furniture Center Int'l.
Flex-O-Lators, Inc.
ICF Inc.
Richard Scott Furniture
Southeast Wholesale Furniture Co.

#### Convertibles

Avery Boardman Ltd.
Beylerian Limited
The William Brenner Furniture Corp.
Campaniello Imports Ltd.
Designers Furniture Center Int'l.
Reum Design
Richard Scott Furniture
Shelby Williams Industries, Inc.
Southeast Wholesale Furniture Co.
Wesley Allen Brass Beds

#### Headboards

Avery Boardman Ltd.
The William Brenner Furniture Corp.
Brueton Industries USA Inc.
Dahnz Industries USA Inc.
Designers Furniture Center Int'l.
Discovery Concepts, Inc.
Forms & Surfaces
The Hitchcock Chair Co.
ICF Inc.
Intrex Inc., Architectural Supplements,
Inc., and Habitat Inc.
Nemschoff Chairs Inc.
Omni Div., Hoover Ball & Bearing Co.
Harvey Probber Inc.
Scandiline Industries, Inc.
Richard Scott Furniture
Southeast Wholesale Furniture Co.
John Stuart Int'I/John Widdicomb Co.
Wesley Allen Brass Beds

#### Sofa Beds

Avery Boardman Ltd.
B&B America
Beylerian Limited
The William Brenner Furniture Corp.
Campaniello Imports Ltd.
Designers Furniture Center Int'l.
ICF Inc.
The Pace Collection, Inc.
Reum Design
Richard Scott Furniture
Shelby Williams Industries, Inc.
Southeast Wholesale Furniture Co.
Stendig Inc.
Swan Brass Beds
Wesley Allen Brass Beds

#### **BUILDING PRODUCTS**

#### Accordion Doors

Holland Shade Co., Inc. Ohline Corp.

#### **Acoustical Ceiling Systems**

Conwed Corporation Donn Products, Inc. Entol Industries, Inc.

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Forms & Surfaces Levolor Lorentzen Inc. United States Gypsum Co.

#### **Acoustical Ceiling Tile**

Conwed Corporation Entol Industries, Inc. United States Gypsum Co.

#### **Acoustical Partitions**

Artafax Systems, Ltd., Inc.
Conwed Corporation
Donn Products, Inc.
Forms & Surfaces
Haworth, Inc.
The Haws Corp.
Modulo 3
O'Grady & Siegel Associates
Precision Mfg. Inc.
Rose Manufacturing Co.
Upstate Precision Mfg. Inc.
Westinghouse—Arch. Systems Div.

#### Barnsiding

Decor

#### Ceiling Systems

Abstracta Structures Inc. Conwed Corporation Donn Products, Inc. Entol Industries, Inc. Forms & Surfaces Yorkraft, Inc.

#### **Doors and Door Frames**

Discovery Concepts, Inc.
Donn Products Inc.
Entol Industries Inc.
Forms & Surfaces
Gayeski Furniture Coordinates
United States Gypsum Co.
The Wrecking Bar, Inc.

#### Fireplaces and Mantels

International Terra Cotta Inc. Old World Moulding & Finishing, Inc. The Wrecking Bar, Inc.

#### Glass, Decorative or Patterned

Beylerian Limited

#### Marble, Slate and Bricks

Peter Pepper Products Inc

#### Moldings

Colonial Moulding & Frame Co. Entol Industries Inc. Old World Moulding & Finishing, Inc. United States Gypsum Co.

#### Movable Partitions

Abstracta Structures Inc.
Cole Business Furniture
Cumberland Woodcraft Co,
Desks Inc.
Discovery Concepts, Inc.
Donn Products Inc.
Eppinger Furniture Inc.
Forms & Surfaces
Harter Corp.
Haworth, Inc.
The Haws Corp.
J G Furniture Co.
Jack Lenor Larsen Inc.
Modulo 3
Ohline Corp.
Rose Manufacturing Co.
United States Gypsum Co.
Westinghouse—Arch. Systems Div.

#### Ornamental Metal

Lawrence Metal Products, Inc. The Wrecking Bar, Inc.

#### Panels

Cado/Royal System, Inc. Cumberland Woodcraft Co.

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Desks Inc.
Discovery Concepts, Inc.
Entol Industries, Inc.
Formica Corporation
Forms & Surfaces
Gayeski Furniture Coordinates
Kamar Products Inc., Mirrorlite Div.
Old World Moulding & Finishing, Inc.
United States Gypsum Co.
Westinghouse—Arch. Systems Div.
Window Modes Inc./Weavers Domain
Ltd.
The Wrecking Bar, Inc.

#### Plastic Laminates

Cole Business Furniture The Diller Corporation Discovery Concepts, Inc. Formica Corporation United States Gypsum Co. Ralph Wilson Plastics Co.

#### Screens and Grilles

Abstracta Structures Inc. Cumberland Woodcraft Co. Forms & Surfaces Rose Manufacturing Co.

#### Stained Glass

Sun Studio The Wrecking Bar, Inc.

#### Stair Railings, Metal, Rope, etc.

Dahnz Industries USA Inc. Lawrence Metal Products, Inc. The Wrecking Bar, Inc.

#### Stationary Partitions

Abstracta Structures Inc. Cole Business Furniture Cumberland Woodcraft Co. Forms & Surfaces United States Gypsum Co.

#### Woods, Veneers, Plywoods

Discovery Concepts, Inc. Gayeski Furniture Coordinates Wallpapers Inc. of Houston

#### **EQUIPMENT & FIXTURES**

#### Bank Equipment and Supplies

Abstracta Structures Inc.
BPC Enterprises Inc.
Cramer Industries Inc.
A.C. Davenport & Son Inc.
Discovery Concepts, Inc.
Fuller Office Furniture, Corp.
Gayeski Furniture Coordinates
Lawrence Metal Products, Inc.
Lehigh-Leopold Business Furniture
Metcor Manufacturing
O'Grady & Siegel Associates
Tulip Inc.

#### Checkroom Equipment

Vogel-Peterson Co.

#### Curtain and Drapery Hardware

Kirsch Company Ohline Corp.

#### Display Equipment and Fixtures

Abstracta Structures Inc.
Cosco Contemporaries
Cubicon Corp.
Dazian's Inc.
Discovery Concepts, Inc.
Eldon Office Products
Entol Industries, Inc.
Lawrence Metal Products, Inc.
Metcor Manufacturing
Neo-Art, Inc.
Peter Pepper Products Inc.
Reflector Hardware Corp.
Tri-Mark Designs
Tulip Inc.
Unicube Corp.

#### **FABRICS**

#### Casements and Sheers

Arc-Com Fabrics
Belgian Linen Association
Brunschwig & Fils, Inc.
Celanese Fibers Marketing Co.
Cohama Specifier Contract Fabrics
Designers Furniture Center Int'l.
Design Tex Fabrics Inc.
S.M. Hexter Co.
Katzenbach & Warren, Inc.
Knoll International
Boris Kroll Fabrics
Jack Lenor Larsen Inc.
Lazarus Fabrics
Arthur H. Lee & Jofa Inc.
Lozano-Fisher Inc.
Mira-X International Furnishings, Inc.
Newcastle Fabrics
F. Schumacher & Co.
C. W. Stockwell, Inc.
Vanleigh Contract Corp.
Albert Van Luit & Co.
Wallpapers Inc. of Houston
Westgate Fabrics Inc.

#### **Cushion Filling Material**

Celanese Fibers Marketing Co. DuPont Company, Elastomers/Vonar Div.

#### Drapery and Upholstery Fabrics

Airborne/Arconas Corporation Arc-Com Fabrics B&B America Belgian Linen Association Brayton International, Inc. Brickel Associates, Inc. Brunschwig & Fils, Inc.
Celanese Fibers Marketing Co.
Cohama Specifier Contract Fabrics Cole Business Furniture Dazian's Inc.
Designers Furniture Center Int'l. Design Tex Fabrics, Inc. Fabindia, Inc. HGH Design Group S.M. Hexter Co. Hiebert Inc. Homestead Fabrics Inc. Katzenbach & Warren, Inc. Knoll International Boris Kroll Fabrics Jack Lenor Larsen Inc. Lazarus Fabrics Arthur H. Lee & Jofa Inc. Lehigh-Leopold Business Furniture Malden Mills Karl Mann Associates Karl Mann Associates
Margowen, Inc.
Metropolitan Furniture Corp.
Mira-X International Furnishings, Inc.
Murlon USA (Fair-Tex Mills Inc.)
Newcastle Fabrics
Owens Corning Fiberglas
Harvey Probber Inc. Scalamandré F. Schumacher & Co. Sidlaw of Scotland, Inc. Skandia, Inc. Stendig Inc. C.W. Stockwell, Inc. Stow/Davis Tri-Mark Designs Tulip Inc. Vanleigh Contract Corp. Albert Van Luit & Co. Wallpapers Inc. of Houston The Warner Company Wendell Fabrics Corp Westgate Fabrics Inc. Zographos Designs, Ltd.

#### Leather

B&B America
Brayton International Inc.
Brickel Associates, Inc.
Designers Furniture Center Int'I.
S.M. Hexter Co.
Hiebert Inc.
Knoll International
Jack Lenor Larsen Inc.
Arthur H. Lee & Jofa Inc.
Lehigh-Leopoid Business Furniture
Metropoiitan Furniture Corp.
Harvey Probber Inc.
Scalamandré

F. Schumacher & Co. Stendig Inc. Stow/Davis Vanleigh Contract Corp. Wallpapers Inc. of Houston Westgate Fabrics Inc. Zographos Designs Ltd.

#### Screen Printed Fabrics (Custom)

Arc-Com Fabrics
Artafax Systems, Ltd., Inc.
Belgian Linen Association
Crown Wallcovering Corp.
Design Tex Fabrics, Inc.
Forms & Surfaces
HGH Design Group
S.M. Hexter Co.
Knoll International
Jack Lenor Larsen Inc.
Lazarus Fabrics
Arthur H. Lee & Jofa Inc.
Malden Mills
Karl Mann Associates
Mira-X International Furnishings, Inc.
Scalamandré
F. Schumacher & Co.
C.W. Stockwell, Inc.
Albert Van Luit & Co.
Wallpapers Inc. of Houston
Wendell Fabrics Corp.
Westgate Fabrics Inc.

#### Synthetic Fibers

Designers Furniture Center Int'l.
Design Tex Fabrics, Inc.
Eastman Chemical Products, Inc.
S.M. Hexter Co.
Knoll International
Scalamandre
F. Schumacher & Co.
Westgate Fabrics Inc.

#### **Trimmings**

Brunschwig & Fils, Inc. Scalamandré F. Schumacher & Co.

#### Vinyl Fabrics

Brayton International Inc.
Cole Business Furniture
Crown Wallcovering Corp.
Designers Furniture Center Int'l.
B. F. Goodrich General Products Co.
S.M. Hexter Co.
Knoll International
Jack Lenor Larsen Inc.
Lehigh-Leopold Business Furniture
Harvey Probber Inc.
Scalamandre
Stendig Inc.
Uniroyal, Inc.
Wallpapers Inc. of Houston
Westgate Fabrics Inc.

#### FLOORING & FLOOR COVERINGS

Airborne / Arconas Corporation

#### Area and Accent Rugs

Artafax Systems, Ltd., Inc.
Bigelow Sanford, Inc.
Budd Looms Inc.
Cado /Royal Systems Inc.
Carpets International, USA
Dylan Carpet Inc.
Fabindia, Inc.
Edward Fields Inc.
Harmil Carpet Inc.
S. M. Hexter Co.
Karastan Rug Mills
Kemos, Inc.
Jack Lenor Larsen, Inc.
Mira-X International Furnishings, Inc.
Phoenix Carpet Co., Inc.
Rosecore Carpet Co. Inc.
Scalamandré
F. Schumacher & Co.
Southeast Wholesale Furniture Co.
Stark Carpet Corporation
Jack Soskin Associates, Inc.
Vanleigh Contract Corp.
Wallpapers Inc. of Houston

#### Carpet Backing

E.I. DuPont De Nemours & Co., Inc. Textile Fibers Dept. Kemos, Inc. Stark Carpet Corporation

#### Carpet Cleaning Supplies

Budd Looms Inc. Jack Soskin Associates, Inc. Stark Carpet Corporation

#### Carpet Underlay and Supplies

Bigelow Sanford, Inc.
Budd Looms Inc.
Desks Inc.
Harmil Carpet Inc.
Kemos, Inc.
Phoenix Carpet Co., Inc.
Jack Soskin Associates, Inc.
Stark Carpet Corporation

#### Carpeting

Bigelow Sanford, Inc.
Budd Looms Inc.
Carpets International USA
Carpet Imports
Celanese Fibers Marketing Co.
Customweave Carpets, Inc.
Designers Furniture Center Int'I.
Desks Inc.
Dylan Carpet Inc.
Edward Fields Inc.
Harmil Carpet Inc.
S.M. Hexter Co.
Karastan Rug Mills
Kemos, Inc.
Jack Lenor Larsen, Inc.
Mira-X International Furnishings, Inc.
Patcraft Mills, Inc.
Phoenix Carpet Co., Inc.
Rosecore Carpet Co., Inc.
Scalamandré
Jack Soskin Associates, Inc.
Stark Carpet Corporation
United States Gypsum Co.
Vanleigh Contract Corp.
Wallpapers Inc. of Houston
Wilton Royal, Inc.

#### Ceramic Tile, Floor

Budd Looms Inc.
Designers Tile International
Franciscan Tile, Interpace Corp.
Gail International
Latco Products
Rosecore Carpet Co. Inc.
Jack Soskin Associates, Inc.
Stark Carpet Corporation
Vanleigh Contract Corp.

#### Cork Tile, Floor

Budd Looms Inc. Harmil Carpet Inc. Jack Soskin Associates, Inc. Stark Carpet Corporation Vanleigh Contract Corp. Wallpapers Inc. of Houston

#### **Custom Carpeting**

Budd Looms Inc.
Carpet International, USA
Designers Furniture Center Int'I.
Desks Inc.
Dylan Carpet Inc.
Edward Fields Inc.
Harmil Carpet Inc.
Karastan Rug Mills
Kemos, Inc.
Jack Lenor Larsen, Inc.
Phoenix Carpet Co. Inc.
Rosecore Carpet Co. Inc.
Scalamandre
F. Schumacher & Co.
Jack Soskin Associates Inc.
Stark Carpet Corporation
Vanleigh Contract Corp.
Wilton Royal, Inc.

#### Fibers for Carpeting

Allied Chemical Corp.
Celanese Fibers Marketing Co.
Dow Badische Company
E.I. DuPont De Nemours & Co., Inc.,
Textile Fibers Dept.
Hercules Incorporated
Jack Soskin Associates, Inc.
Stark Carpet Corporation

#### Marble Flooring

Designers Tile International Peter Pepper Products Inc. Jack Soskin Associates, Inc Stark Carpet Corporation

#### Oriental Rugs

Vojtech Blau
Budd Looms Inc.
Dylan Carpet Inc.
Harmil Carpet Inc.
Karastan Rug Mills
Phoenix Carpet Co., Inc.
Rosecore Carpet Co. Inc.
F. Schumacher & Co.
Jack Soskin Associates, Inc.
Stark Carpet Corporation

#### Parquet Wood Tile

Budd Looms Inc. Harmil Carpet Inc. Kentucky Wood Floors, Inc. Jack Soskin Associates, Inc. Stark Carpet Corporation The Wrecking Bar, Inc.

#### Resilient Sheet Vinyls, Floor

Budd Looms Inc.
Congoleum Corp., Resilient Floor Div.
Harmil Carpet Inc.
Phoenix Carpet Co., Inc.
Rosecore Carpet Co. Inc.
Jack Soskin Associates, Inc.
Ştark Carpet Corporation

#### Rubber Tile, Floor

Budd Looms Inc.
Desks Inc.
Forms & Surfaces
Harmil Carpet Inc.
Phoenix Carpet Co., Inc.
Rosecore Carpet Co. Inc.
Jack Soskin Associates, Inc.
Stark Carpet Corporation
Vanleigh Contract Corp.

#### Vinyl Asbestos Tile, Floor

Budd Looms Inc. Desks Inc. Harmil Carpet Inc. Kentile Floors Inc. Phoenix Carpet Co., Inc. Rosecore Carpet Co. Inc. Jack Soskin Associates, Inc. Stark Carpet Corporation

#### Vinyl Tile, Floor

Budd Looms Inc.
Desks Inc.
Harmil Carpet Inc.
Kentile Floors Inc.
Phoenix Carpet Co., Inc.
Rosecore Carpet Co. Inc.
Jack Soskin Associates, Inc.
Stark Carpet Corporation
Vanleigh Contract Corp.

#### Wood Flooring

Budd Looms Inc. Harmil Carpet Inc. Kentucky Wood Floors, Inc. Jack Soskin Associates, Inc. Stark Carpet Corporation Vanleigh Contract Corp.

#### **FURNITURE**

#### Acrylic Furniture

Beylerian Limited
A. Blank Inc.
The William Brenner Furniture Corp.
Campaniello Imports Ltd.
Designers Furniture Center Int'l.
Herriott Collection
Marion-Emanual, Ltd.
The Pace Collection, Inc.
Southeast Wholesale Furniture Co.
Vanleigh Contract Corp.

#### Aluminum Furniture

BPC Enterprises, Inc.
Baker Furniture Co.
Designers Furniture Center Int'I.
Falcon Products, Inc.
GF Business Equipment, Inc.
Intrex Inc., Architectural Supplements, Inc., and Habitat Inc.
Knoll International
L&B Products Corp.
Hank Loewenstein, Inc.
Southeast Wholesale Furniture Co.
The Telescope Folding Furn. Co., Inc.

#### Antique Furniture

Southeast Wholesale Furniture Co. C. W. Stockwell, Inc. Alex Stuart Design

#### Brass, Chrome and Stainless Steel Furniture

Abstracta Structures Inc. AGI Industries, Inc. Airborne/Arconas Corporation All-Steel Inc. Atelier International, Ltd. B&B America BPC Enterprises, Inc. Baker Furniture Co. A. Blank Inc. Brayton International Inc. B. Brody Seating Co. Cado/Royal System, Inc. Campaniello Imports, Ltd. Cosco Contemporaries Cramer Industries Inc. Dahnz Industries USA Inc. Davis Furniture Industries, Inc. Designers Furniture Center Int'l. Desks Inc. Falcon Products, Inc. Fixtures Mfg. Co. Harter Corp. Howell, Div. of Burd Inc. ICF Inc. Interiors International Ltd. Intrex Inc., Architectural Supplements, Inc., and Habitat Inc. Jansko Incorporated Knoll International L&B Products Corp. Hank Loewenstein, Inc. Marion-Emanual, Ltd. Nightingale Industries Ltd. O'Grady & Siegel Associates The Pace Collection, Inc. Harvey Probber Inc. Reum Design Southeast Wholesale Furniture Co. Stendig Inc. John Stuart Int'l/ John Widdicomb Co. Swan Brass Beds Thonet Industries, Inc. Tri-Mark Designs Tulip Inc. Wesley Allen Brass Beds Westnofa USA Inc.

#### Casual & Outdoor Furniture

Zographos Designs, Ltd.

Abstracta Structures Inc. Airborne / Arconas Corporation Avenger Designs Beylerian Limited A. Blank Inc. Cado/Royal System, Inc. Campaniello Imports Ltd. Castelli Furniture Inc.
Designers Furniture Center Int'l. Hanno div. Rotocast Plastic Prods. ICF Inc. International Terra Cotta Inc. Intra/Van Den Berg J G Furniture Co. Knoll International Jack Lenor Larsen, Inc. Reum Design Shelby Williams Industries, Inc. Southeast Wholesale Furniture Co. Stendig Inc The Telescope Folding Furn. Co., Inc.

#### **Dormitory Furniture**

B. Brody Seating Co. Claud Bunyard Design Inc. Cado/Royal System, Inc. Castelli Furniture Inc.

Dahnz Industries USA Inc. Discovery Concepts, Inc. Howell Div. of Burd Inc. ICF Inc. InterRoyal Corporation Jansko Incorporated Kasparians, Inc. Krueger L&B Products Corp. Madison Furniture Industries Metropolitan Furniture Corp. Nemschoff Chairs Inc. Omni Div. Hoover Ball & Bearing Co. Harvey Probber Inc. R-Way Furniture Co. Reum Design Shelby Williams Industries, Inc. Southeast Wholesale Furniture Co. Thonet Industries, Inc. Vecta Contract

#### Filing Cabinets

All-Steel Inc. Alma Desk Company Art-Metal—U.S.A. Inc. Atelier International, Ltd. Cado/Royal System, Inc. Cole Business Furniture Designcraft Designers Furniture Center Int'l. Desks Inc.
Discovery Concepts, Inc.
Eppinger Furniture Inc. Fuller Office Furniture, Corp. GF Business Equipment Inc. Hamilton Industries Haworth, Inc. Interiors International Ltd. InterRoyal Corporation J G Furniture Co. Jasper Desk Company Knoll International Jack Lenor Larsen, Inc. Lehigh-Leopold Business Furniture Modern Mode, Inc. Modulo 3 O'Grady & Siegel Associates Omni Div., Hoover Ball & Bearing Co. Oxford Pendaflex Corp. Peerless Steel Equipment Co. Precision Mfg. Inc. Harvey Probber Inc. Steelcase Inc. Storwal International Inc. Alex Stuart Design Sunar Industries Ltd. Upstate Precision Mfg. Inc. Vanleigh Contract Corp

#### Filing Systems, Movable

Abstracta Structures Inc.
Art Metal—U.S.A. Inc.
A. Blank Inc.
Cado Royal System, Inc.
Cole Business Furniture
Conwed Corp.
Designcraft
Desks Inc.
Eldon Office Products
Fuller Office Furniture, Corp.
Haworth, Inc.
ICF Inc.
Interiors International Ltd.
Knoll International
Jack Lenor Larsen, Inc.
Lundia, Myers Industries, Inc.
Omni Div., Hoover Ball & Bearing Co.
Oxford Pendaflex Corp.
Reflector Hardware Corp.
Sperry-Univac OED

#### Folding Chairs

A. Blank Inc.
Cado/Royal System, Inc.
Campaniello Imports, Inc.
Castelli Furniture Inc.
Cole Business Furniture
Designers Furniture Center Int'l.
Desks Inc.
Fuller Office Furniture, Corp.
ICF Inc.
Krueger
Hank Loewenstein, Inc.
Omni Div., Hoover Ball & Bearing Co.
Reum Design
The Telescope Folding Furn. Co., Inc.
Vanleigh Contract Corp.

#### **Folding Tables**

A. Blank Inc.
Campaniello Imports Ltd.
Castelli Furniture Inc.
Cole Business Furniture
Designers Furniture Center Int'l.
Desks Inc.
Falcon Products, Inc.
Fuller Office Furniture, Corp.
Hamilton Industries
Howell, Div. of Burd Inc.
Krueger
Reum Design
Shelby Williams Industries, Inc.
Southeast Wholesale Furniture Co.
The Telescope Folding Furn. Co., Inc.
Vanleigh Contract Corp.
Vecta Contract

#### **Furniture Components**

Alma Desk Company Art Metal—U.S.A. Inc. Baker Furniture Co. A. Blank Inc. Cado/Royal System, Inc. Chicago Hardware Foundry Co. Cole Business Furniture Conwed Corporation Cosco Contemporaries Designcraft Desks Inc.
Discovery Concepts, Inc.
Du Pont Company, Elastomers/Vonar
Eppinger Furniture Inc.
Falcon Products, Inc.
Flex-O-Lators, Inc.
Gas Spring Corporation
The Haws Corp. Desks Inc. Hiebert Inc. Interiors International Ltd. J G Furniture Co. Knoll International Krueger Modulo 3 Reflector Hardware Corp. Reum Design
Rose Manufacturing Co. Turner Ltd. Unicube Corp. Vecta Contract

#### Hat and Coat Racks

Abstracta Structures Inc.
Atelier International, Ltd.
A. Blank Inc.
Castelli Furniture Inc.
Designers Furniture Center Int'I.
Desks Inc.
Fuller Office Furniture, Corp.
Interiors International Ltd.
Intrex Inc., Architectural Supplements,
Inc., and Habitat Inc.
Krueger
L&B Products Corp.
Jack Lenor Larsen, Inc.
Hank Loewenstein, Inc.
The Pace Collection, Inc.
Peter Pepper Products Inc.
Shelby Williams Industries, Inc.
Southeast Wholesale Furniture Co.
Stendig Inc.
Alex Stuart Design
Swan Brass Beds
TSAO Designs, Inc.
Vogel-Peterson Co.
Vecta Contract
Wesley Allen Brass Beds

#### Hi Fi and Stereo Equipment

Cado / Royal System, Inc. Discovery Concepts, Inc. Reum Design

#### Hospital Furniture

Airborne/Arconas Corporation Castelli Furniture Inc. Chicago Hardware Foundry Co. Condi Cramer Industries Inc. Davis Furniture Industries Inc. Designeraft Designers Furniture Center Int'l. Discovery Concepts, Inc. Falcon Products, Inc. Fixtures Mfg. Co. Hamilton Industries Hanno div. Rotocast Plastic Prods. Harter Corp. Hiebert Inc. Howell Div. of Burd Inc. ICF Inc. InterRoyal Corporation Jansko Incorporated Kasparians, Inc. Krueger Madison Furniture Industries Metropolitan Furniture Corp. Herman Miller, Inc. Nemschoff Chairs Inc. Rudd International Corp. Shelby Williams Industries, Inc. Simmons Commercials Products Steelcase Inc. Stendig Inc. John Stuart Int'I/John Widdicomb Co. Thonet Industries, Inc. Tulip Inc Vanleigh Contract Corp. Vecta Contract Weiman/Warren Lloyd Contract Westnofa USA Inc.

#### Hotel/Motel Furniture

AGI Industries, Inc. Airborne/Arconas Corp. Atelier International, Ltd. B. Brody Seating Co. Cado/Royal System, Inc. Castelli Furniture Inc. Chicago Hardware Foundry Co. Condi Dahnz Industries USA Inc Designers Furniture Center Int'l. Discovery Concepts, Inc. Falcon Products, Inc. Fixtures Mfg. Co.
Hanno div. Rotocast Plastic Prods.
Howell Div. of Burd Inc. Jansko Incorporated Kasparians, Inc. Knoll International Krueger L&B Products Corp. Jack Lenor Larsen, Inc. Hank Loewenstein, Inc. Madison Furniture Industries Metropolitan Furniture Corp. Neo-Art, Inc. Nightingale Industries Ltd.
Omni Div., Hoover Ball & Bearing Co.
The Pace Collection, Inc. The Pace Collection, Inc.
Paragon Designs Inc.
Harvey Probber Inc.
R-Way Furniture Co.
Reum Design
Scandiline Industries, Inc.
Shelby Williams Industries, Inc. Simmons Commercial Products Southeast Wholesale Furniture Co Stendig Inc.
John Stuart Inc./ John Widdicomb Co. The Telescope Folding Furn. Co., Inc. Thayer Coggin Institutional, Inc. Tri-Mark Designs United States Gypsum Co. Vanleigh Contract Corp. Vecta Contract Weiman/Warren Lloyd Contract Westnofa USA Inc.

#### Lecterns

A. Blank Inc.
Chicago Hardware Foundry Co.
Fuller Office Furniture, Corp.
Hiebert Inc.
Lawrence Metal Products, Inc.
Herman Miller, Inc.
Harvey Probber Inc.
Reflector Hardware Corp.
Southeast Wholesale Furniture Co.
Vanleigh Contract Corp.
Vecta Contract

#### Library Furniture

Abstracta Structures Inc.
Airborne/Arconas Corporation
Art Metal—U.S.A. Inc.
Atelier International, Ltd.
A. Blank Inc.
B. Brody Seating Co.
Claud Bunyard Design Inc.
Campaniello Imports Ltd.
Castelli Furniture Inc.

Chicago Hardware Foundry Co. Cramer Industries, Inc.
Davis Furniture Industries, Inc. Designcraft Designers Furniture Center Int'l. Discovery Concepts, Inc. Falcon Products, Inc. Fixtures Mfg. Co.
Fuller Office Furniture, Corp.
Hanno div. Rotocast Plastic Prods. Harter Corp. Haworth, Inc. Hiebert Inc. Howell Div. of Burd Inc. InterRoyal Corporation Kasparians, Inc. Knoll International Krueger Jack Lenor Larsen, Inc.
Madison Furniture Industries
Nightingale Industries Ltd.
Omni Div., Hoover Ball & Bearing Co.
The Pace Collection, Inc. Harvey Probber Inc. Reflector Hardware Corp. Rudd International Corp. Shelby Williams Industries, Inc. Southeast Wholesale Furniture Co. Steelcase Inc. John Stuart Int'I/John Widdicomb Co. Thonet Industries, Inc. TSAO Designs, Inc. Vanleigh Contract Corp. Vecta Contract Weiman/Warren Lloyd Contract Westnofa USA Inc.
The Worden Company
Zographos Designs, Ltd.

#### Metal Desks

All-Steel Inc. Art Metal-U.S.A. Inc. Atelier International, Ltd. A. Blank Inc. Cole Business Furniture Cramer Industries Inc. Designeraft
Designers Furniture Center Int'l. Desks Inc. Falcon Products, Inc. Fuller Office Furniture, Corp. GF Business Equipment Inc. InterRoyal Corporation Knoll International Lehigh-Leopold Business Furniture O'Grady & Siegel Associates Oxford Pendaflex Corp.
Peerless Steel Equipment Co.
Southeast Wholesale Furniture Co. Steelcase Inc. Storwal International Inc. Sunar Industries Ltd. Vanleigh Contract Corp Wesley Allen Brass Beds

#### Mirrored Furniture

Atelier International, Ltd.
Cosco Contemporaries
Gayeski Furniture Coordinates
Jack Lenor Larsen, Inc.
Neo-Art, Inc.
Harvey Probber Inc.
Southeast Wholesale Furniture Co.

#### Multiple Seating

AGI Industries, Inc.
Airborne / Arconas Corporation
All-Steel Inc.
American Seating Company
Atelier International, Ltd.
August incorporated
B&B America
B&B America
Baker Furniture Co.
Beylerian Limited
A. Blank Inc.
Boling Chair Co.
Brayton International Inc.
The William Brenner Furniture Corp.
Cado / Royal System, Inc.
Castelli Furniture Inc.
Cole Business Furniture
Condi
Cramer Industries, Inc.
Davis Furniture Industries, Inc.
Desks Inc.
Domore Office Furniture, Inc.

Falcon Products, Inc. Fixtures Mfg. Co. GF Business Equipment Inc. Harter Corp. Hiebert Inc. Howell Div. of Burd Inc. ICF Inc. Interiors International Ltd. Intra/Van Den Berg Intrex Inc., Architectural Supplements Inc., and Habitat Inc. J G Furniture Co. Jansko Incorporated KT Furniture Kasparians, Inc Knoll International Krueger L&B Products Corp. Jack Lenor Larsen, Inc. Hank Loewenstein, Inc. Metropolitan Furniture Corp. Herman Miller, Inc. Patrician Patrician
Peerless Steel Equipment Co.
Harvey Probber Inc.
Reum Design
Rudd International Corp.
Shelby Williams Industries, Inc.
Steelcase Inc. Stendig Inc.
Thayer Coggin Institutional, Inc.
Thonet Industries, Inc. Vanleigh Contract Corp. Vecta Contract Weiman/Warren Lloyd Contract Westnofa USA Inc. The Worden Company

#### Office Furniture, Metal

AGI Industries, Inc. All-Steel Inc. American Seating Company Art Metal—U.S.A. Inc. Atelier International, Ltd. A. Blank Inc. Brayton International Inc. B. Brody Seating Co. Campaniello Imports Ltd.
Chicago Hardware Foundry Co.
Cole Business Furniture Cramer Industries Inc Designeraft
Designers Furniture Center Int'l. Desks Inc. Desks Inc.
Domore Office Furniture, Inc.
Falcon Products, Inc.
Fixtures Mfg. Co.
Fuller Office Furniture, Corp.
GF Business Equipment Inc. Harter Corp. Hauserman Inc Howell Div. of Burd Inc. InterRoyal Corp. Intra/Van Den Berg Jansko Incorporated Knoll International Krueger Jack Lenor Larsen, Inc. Madison Furniture Industries O'Grady & Siegel Associates Oxford Pendaflex Corp. The Pace Collection, Inc. Patrician Peerless Steel Equipment Co. Shelby Williams Industries, Inc. Southeast Wholesale Furniture Co. Steelcase Inc. Storwal International Inc. Sunar Industries Ltd. Vanleigh Contract Corp. Zographos Designs, Ltd.

#### Office Furniture, Wood

Abstracta Structures Inc.
AGI Industries, Inc.
Alma Desk Company
American Seating Company
Atelier International, Ltd.
Baker Furniture Co.
Beylerian Limited
A. Blank Inc.
Boling Chair Co.
Brayton International Inc.
Brickel Associates, Inc.
Brueton Industries Inc.
Cado / Royal System, Inc.
Campaniello Imports Ltd.
Cole Business Furniture
Condi
Conwed Corp.

Cramer Industries Inc. Davis Furniture Industries, Inc. Designcraft Designers Furniture Center Int'l. Desks Inc. Discovery Concepts, Inc. Domore Office Furniture, Inc. Eppinger Furniture Inc. Falcon Products, Inc. Fuller Office Furniture, Corp. Gayeski Furniture Coordinates Harter Corp. Hauserman Inc. Helikon Furniture Co., Inc. Hiebert Inc. ICF Inc. Interiors International Ltd. InterRoyal Corp.
InterRoyal Corp.
Intrex Inc., Architectural Supplements,
Inc., and Habitat Inc.
J G Furniture Co.
Jansko Incorporated Jasper Desk Company Jofco KT Furniture Kasparians, Inc. Kittinger Company Knoll International Lehigh-Leopold Business Furniture Madison Furniture Industries Modern Mode, Inc. Modulo 3
O'Grady & Siegel Associates
Omni Div., Hoover Ball & Bearing Co.
The Pace Collection, Inc.
Paragon Designs Inc.
Precision Mfg. Inc. Harvey Probber Inc.
R-Way Furniture Co.
Rudd International Corp.
Scandiline Industries, Inc. Shelby Williams Industries, Inc. Southeast Wholesale Furniture Co. Steelcase Inc. Ste-Marie & Laurent Inc Stendig Inc. Stow/Davis Stow Davis
Alex Stuart Design
John Stuart Inc./John Widdicomb Co.
Sunar Industries Ltd.
Thonet Industries, Inc. Turner Ltd.
Upstate Precision Mfg. Inc.
Vanleigh Contract Corp.
Vecta Contract
Weiman/Warren Lloyd Contract
Westnofa USA Inc.
Vecttor Design Ltd. Xception Design Ltee Zographos Designs, Ltd.

### Office Open Plan Systems

Abstracta Structures Inc. Abstracta Structures Inc.
All-Steel Inc.
Alma Desk Company
American Seating Company
Atelier International, Ltd. Alter International, Ltd.
Baker Furniture Co.
A. Blank Inc.
Cado/Royal System, Inc.
Cole Business Furniture Conwed Corp.
Cramer Industries Inc. Designers Furniture Center Int'l. Desks Inc. Discovery Concepts Inc. Eppinger Furniture Inc. Fuller Office Furniture, Corp. GF Business Equipment, Inc. Harter Corp. Hauserman Inc. Haworth, Inc. The Haws Corp. Hiebert Inc. ICF Inc InterRoyal Corp.
J G Furniture Co. Knoll International Jack Lenor Larsen, Inc. Lehigh-Leopold Business Furniture Herman Miller, Inc. Modulo 3 Nightingale Industries Ltd. O'Grady & Siegel Associates Omni Div., Hoover Ball & Bearing Co. Oxford Pendaflex Corp. Peerless Steel Equipment Co. Precision Mfg. Inc. Harvey Probber Inc. Reflector Hardware Corp Rose Manufacturing Co. Scandiline Industries, Inc.

Steelcase Inc. Ste-Marie & Laurent Inc. Storwal International Inc. Stow/Davis Stow/Davis Sunar Industries Ltd. Upstate Precision Mfg. Inc. Vanleigh Contract Corp. Vogel-Peterson Co. Westinghouse-Arch. Systems Div. Xception Design Ltee

#### Posture Chairs

AGI Industries Inc. All-Steel Inc. Alma Desk Company Art Metal-U.S.A. Inc. Atelier International, Ltd Baker Furniture Co. A. Blank Inc. Boling Chair Co. Brickel Associates, Inc. Cole Business Furniture Condi Cramer Industries Inc. Davis Furniture Industries Inc. Dependable Furniture Mfg. Co. Designcraft Designers Furniture Center Int'l Desks Inc. Domore Office Furniture, Inc. Fuller Office Furniture, Corp. GF Business Equipment, Inc. Harter Corp. Haworth, Inc. Hiebert Inc. Howell Div. of Burd Inc. ICF Inc. J G Furniture Co. KT Furniture Kasparians, Inc. Kittinger Company Krueger
Lehigh-Leopold Business Furniture
Hank Loewenstein, Inc.
Madison Furniture Industries
Modern Mode, Inc.
Nightingale Industries Ltd. O'Grady & Siegel Associates
Omni Div., Hoover Ball & Bearing Co.
Peerless Steel Equipment Co. R-Way Furniture Co. Southeast Wholesale Furniture Co. Steelcase Inc. Steelcase Inc.
Stendig Inc.
Stow. Davis
Sunar Industries Ltd.
Thayer Coggin Institutional, Inc.
Vanleigh Contract Corp.
Weiman/Warren Lloyd Contract
Westinghouse-Arch. Systems Div.

### Rattan, Wicker and Bamboo Furniture

A. Blank Inc. Designers Furniture Center Int'l. Fixtures Mfg. Co. ICF Inc Jansko Incorporated Jack Lenor Larsen, Inc. Hank Loewenstein, Inc. Harvey Probber Inc. Shelby Williams Industries, Inc. Southeast Wholesale Furniture Co. Stendig Inc. C. W. Stockwell, Inc. The Telescope Folding Furn. Co., Inc. Thayer Coggin Institutional, Inc. Vanleigh Contract Corp.

### **Reclining Chairs**

Baker Furniture Co. A. Blank Inc. Cado/Royal System, Inc. Campaniello Imports Ltd. Cramer Industries Inc. Designers Furniture Center Int'l. Desks Inc. Desks Inc.
Intra/Van Den Berg
Kittinger Company
Nightingale Industries Ltd.
Scandiline Industries, Inc.
Southeast Wholesale Furniture Co.
The Telescope Folding Furn. Co., Inc.
Thayer Coggin Institutional, Inc.
Vanleigh Contract Corp.

### Reproductions of Period Furniture

Baker Furniture Co. A. Blank Inc. Desks Inc. Kittinger Company R-Way Furniture Co. Southeast Wholesale Furniture Co. W. Stockwell, Inc. Stow/Davis John Stuart Int'l./John Widdicomb Co.

### Restaurant Furniture

Airborne/Arconas Corporation Atelier International, Ltd. A. Blank Inc. Brayton International Inc.
The William Brenner Furniture Corp. B. Brody Seating Co.
Claud Bunyard Design Inc.
Castelli Furniture Inc.
Chicago Hardware Foundry Co. Cosco Contemporaries Cramer Industries Inc. Falcon Products, Inc. Fixtures Mfg. Co. Fuller Office Furniture, Corp. Gayeski Furniture Coordinates Howell Div. of Burd Inc. Interiors International Ltd. Jansko Incorporated Johnson Industries Kasparians, Inc. Knoll International Krueger L & B Products Corp. Jack Lenor Larsen, Inc. Hank Loewenstein, Inc. Marion-Emanual, Ltd. Nightingale Industries Ltd.
Omni Div. Hoover Ball & Bearing Co.
The Pace Collection, Inc. Harvey Probber Inc. Reum Design Rudd International Corp. Shelby Williams Industries, Inc. Steelcase Inc. Stendig Inc. The Telescope Folding Furn. Co., Inc. Thonet Industries, Inc. Vanleigh Contract Corp. Vecta Contract Westnofa USA Inc

### School Furniture

Art Metal—U.S.A. Inc. Atelier International, Ltd. A. Blank Inc. Boling Chair Co Castelli Furniture Inc Chicago Hardware Foundry Co. Cramer Industries Inc.
Davis Furniture Industries Inc. Davis Furniture Industries Inc.
Designcraft
Designers Furniture Center Int'l.
Discovery Concepts, Inc.
Falcon Products, Inc.
Fixtures Mfg. Co.
Fuller Office Furniture, Corp.
Hanno Div. Rotocast Plastic Prods. Hauserman Inc. Howell, Div. of Burd Inc. ICF Inc. Jansko Incorporated Knoll International Kasparians, Inc. Krueger Madison Furniture Industries Nightingale Industries Ltd. Omni Div., Hoover Ball & Bearing Co. Rudd International Corp. Shelby Williams Industries, Inc. Steelcase Inc. Stendig Inc. Thonet Industries, Inc. TSAO Designs, Inc. United States Gypsum Co. Vanleigh Contract Corp. Vecta Contract Westnofa USA Inc

### Stacking Chairs

American Seating Company Atelier International, Ltd. Avenger Designs Beylerian Limited A. Blank Inc

Brayton International Inc. B. Brody Seating Co. Cado/Royal System, Inc. Castelli Furniture Inc. Chicago Hardware Foundry Co. Cole Business Furniture Cramer Industries Inc. Designers Furniture Center Int'l. Desks Inc.
Domore Office Furniture, Inc.
Falcon Products, Inc. Falcon Products, Inc.
Fixtures Mfg. Co.
Fuller Office Furniture, Corp.
GF Business Equipment, Inc.
Harter Corp.
Howell Div. of Burd Inc. ICF Inc InterRoyal Corp.
Intrex Inc., Architectural Supplements, Inc., and Habitat Inc. Krueger L & B Products Corp. Jack Lenor Larsen, Inc. Hank Loewenstein, Inc. Madison Furniture Industries Herman Miller Inc. Modern Mode, Inc. Nemschoff Chairs Inc. Nightingale Industries Ltd. O'Grady & Siegel Associates
Omni Div., Hoover Ball & Bearing Co.
Harvey Probber, Inc.
Reum Design
Rudd International Corp.
Scontiling Industria Scandiline Industries Inc. Shelby Williams Industries, Inc. Steelcase Inc. Stendig Inc. Storwal International John Stuart Int'l/ John Widdicomb Co. The Telescope Folding Furn. Co., Inc. Thonet Industries, Inc. Vanleigh Contract Corp. Westnofa USA Inc.

### Study Carrels

Art Metal-U.S.A. Inc. A. Blank Inc. Designcraft Designers Furniture Center Int'l. Desks Inc. Discovery Concepts, Inc. Fuller Office Furniture, Corp. Hauserman Inc. Highert Inc. Howell Div. of Burd Inc. The Haws Corp. Herman Miller, Inc. Nemschoff Chairs Inc. O'Grady & Siegel Associates
Omni Div., Hoover Ball & Bearing Co.
Harvey Probber, Inc. Thonet Industries, Inc. Vanleigh Contract Corp. The Worden Company

### Swivel Chairs

Harter Corp.

Haworth, Inc.

AGI Industries, Inc. Airborne/Arconas Corporation All-Steel Inc. Art Metal-U.S.A. Inc. Atelier International, Ltd. B&B America Baker Furniture Co. A. Blank Inc. Boling Chair Co.
Brayton International Inc.
The William Brenner Furniture Corp. Brickel Associates, Inc. B. Brody Seating Co. Brueton Industries Inc. Cado/Royal System, Inc. Campaniello Imports Ltd. Castelli Furniture Inc. Cole Business Furniture Condi Cramer Industries Inc. Davis Furniture Industries Inc. Dependable Furniture Mfg. Co. Designcraft Designers Furniture Center Int'l. Desks Inc. Domore Office Furniture, Inc. Eppinger Furniture Inc. Falcon Products, Inc.
Fixtures Mfg. Co.
Fuller Office Furniture, Corp. GF Business Equipment, Inc. Hanno div. Rotocast Plastic Prods.

Helikon Furniture Co., Inc. Hiebert Inc. Howell Div. of Burd Inc. ICF Inc. Interiors International Ltd. Intra/Van Den Berg J G Furniture Co. Jansko Incorporated Jasper Desk Company KT Furniture Kasparians, Inc. Kittinger Company Knoll International L&B Products Corp. Jack Lenor Larsen, Inc. Lehigh-Leopold Business Furniture Hank Loewenstein, Inc. Madison Furniture Industries Metropolitan Furniture Corp. Herman Miller, Inc. Modern Mode, Inc. Modulo 3 Nightingale Industries Ltd. The Pace Collection, Inc. Patrician Harvey Probber Inc. Scandiline Industries Inc. Shelby Williams Industries, Inc. Steelcase Inc. Stendig Inc.
Stow/Davis
John Stuart Int'I/John Widdicomb Co. Sunar Industries Ltd.
Thayer Coggin Institutional, Inc.
Thonet Industries, Inc. Turner Ltd. Vanleigh Contract Corp. Vecta Contract

### Table Bases

Abstracta Structures Inc. AGI Industries, Inc. American Seating Company A. Blank Inc. Brayton International Inc Brickel Associates, Inc. B. Brody Seating Co. Brueton Industries Inc. Campaniello Imports Ltd Chicago Hardware Foundry Co. Cosco Contemporaries Cramer Industries Inc. Dahnz Industries USA Inc Designers Furniture Center Int'l. Desks Inc Domore Office Furniture, Inc. Eppinger Furniture Inc. Falcon Products, Inc. Fixtures Mfg. Co. Fuller Office Furniture, Corp. Hamilton Industries Hanno div. Rotocast Plastic Prods Howell, Div. of Burd Inc. ICF Inc. Jansko Incorporated Johnson Industries Knoll International Krueger L&B Products Corp. Metropolitan Furniture Corp. Nemschoff Chairs Inc. O'Grady & Siegel Associates The Pace Collection Inc. Shelby Williams Industries, Inc. Thonet Industries Inc.
Tri-Mark Designs
United States Gypsum Co. Vanleigh Contract Corp. Vecta Contract Westnofa USA Inc.

### Tables

AGI Industries, Inc. All-Steel Inc. Alma Desk Company American Seating Company Artafax Systems, Ltd., Inc. Art Metal—U.S.A. Inc. August Incorporated B&B America Baker Furniture Co. Beylerian Limited A. Blank Inc. Boling Chair Co. Brayton International Inc. The William Brenner Furniture Corp. Brickel Associates, Inc. Brickel Associates, Inc.
B. Brody Seating Co.
Brueton Industries Inc.
Claud Bunyard Design Inc.
Cado/Royal System, Inc.

Campaniello Imports Ltd. Castelli Furniture Inc.
Chicago Hardware Foundry Co.
Cole Business Furniture Conwed Corp. Cosco Contemporaries Cramer Industries Inc. Davis Furniture Industries Inc Dependable Furniture Mfg. Co. Designcraft Desks Inc. Domore Office Furniture Inc. Eppinger Furniture Inc. Falcon Products, Inc. Fixtures Mfg. Co. Forms & Surfaces Fuller Office Furniture, Corp. GF Business Equipment, Inc. Gayeski Furniture Coordinates Hamilton Industries Hanno div. Rotocast Plastic Prods. Harter Corp. Haworth, Inc. Helikon Furniture Co., Inc. Hiebert Inc. Howell Div. of Burd Inc. ICF Inc. Interiors International Ltd. InterRoyal Corporation Intrex, Inc., Architectural Supplements, Inc., and Habitat, Inc. JG Furniture Co. Jansko Incorporated Jasper Desk Company Jofco Johnson Industries Kasparians, Inc. Kittinger Company Knoll International Krueger L&B Products Corp. Jack Lenor Larsen, Inc. Lehigh-Leopold Business Furniture Hank Loewenstein, Inc. Madison Furniture Industries Marion-Emanual, Ltd. Metropolitan Furniture Corp. Herman Miller, Inc. Modulo 3 Nemschoff Chairs Co. Nightingale Industries Ltd. O'Grady & Siegel Associates The Pace Collection Inc. Patrician Peerless Steel Equipment Co. Harvey Probber Inc. Reum Design Rudd International Corp. Scandiline Industries Inc.
Shelby Williams Industries, Inc.
Southeast Wholesale Furniture Co. Steelcase Inc Ste-Marie & Laurent Inc. Stendig Inc. Storwal International Inc Stow/Davis Alex Stuart Design John Stuart Int'l/John Widdicomb Co. Sunar Industries Ltd. Swan Brass Beds The Telescope Folding Furn. Co., Inc. Thonet Industries, Inc Tri-Mak Designs Turner Ltd. Vanleigh Contract Corp. Vecta Contract Wesley Allen Brass Beds Westinghouse—Arch. Systems Div. Westnofa USA Inc. The Worden Company Xception Design Ltee

### Upholstered Furniture

AGI Industries, Inc. Airborne/Arconas Corporation All Steel Inc. Atelier International, Ltd. August Incorporated Avery Boardman Ltd. B&B America Baker Furniture Co Beylerian Limited A. Blank Inc. Boling Chair Co.
Brayton International Inc.
The William Brenner Furniture Corp. Brickel Associates, Inc. B. Brody Seating Co. Brueton Industries Inc. Cado/Royal System, Inc. Campaniello Imports Ltd.

Chicago Hardware Foundry Co. Cole Business Furniture Condi Cosco Contemporaries Cramer Industries Inc. Davis Furniture Industries Inc. Dependable Furniture Mfg. Co. Desks Inc. Domore Office Furniture, Inc. Eppinger Furniture Inc.
Falcon Products, Inc.
Fixtures Mfg. Co.
Fuller Office Furniture Corp.
GF Business Equipment, Inc.
Hanno div. Rotocast Plastic Prods. Harter Corp. Helikon Furniture Co., Inc. Herriott Collection Hiebert Inc. The Hitchcock Chair Co. Howell Div. of Burd Inc. Interiors International Limited
Intra/Van Den Berg
Intrex Inc., Architectural Supplements,
Inc., and Habitat Inc. JG Furniture Co. Jansko Incorporated KT Furniture
Kasparians, Inc.
Kittinger Company
Knoll International Krueger Jack Lenor Larsen, Inc. Hank Loewenstein, Inc. Madison Furniture Industries Metropolitan Furniture Corp. Modulo 3 Nemschoff Chairs Inc. Nightingale Industries Ltd. O'Grady & Siegel Associates Omni Div., Hoover Ball & Bearing Co. Patrician The Pace Collection Inc. Harvey Probber Inc. Reum Design Rudd International Corp. Scandiline Industries Inc. Shelby Williams Industries, Inc. Southeast Wholesale Furniture Co. Steelcase Inc Ste-Marie & Laurent Inc. Stendig Inc. Stow / Davis John Stuart Inc./John Widdicomb Co. Sunar Industries Ltd. Thayer Coggin Institutional, Inc. Thonet Industries, Inc. Tri-Mark Designs Tulip Inc Turner Ltd. Vanleigh Contract Corp. Vecta Contract Weiman/Warren Lloyd Contract Westnofa USA Inc. The Worden Company

Castelli Furniture Inc.

### Wall Systems (shelving & storage)

Abstracta Structures Inc. Alma Desk Company Art Metal-U.S.A. Inc Atelier International, Ltd. Baker Furniture Co Beylerian Limited A. Blank Inc. Brueton Industries Inc. Cado/Royal System, Inc. Campaniello Imports Ltd. Castelli Furniture Inc. Cole Business Furniture Conwed Corp. Cosco Contemporaries Cubicon Corp.
Designers Furniture Center Int'l.
Desks Inc. Eldon Office Products Eppinger Furniture Inc. Fuller Office Furniture Corp. Harter Corp Haworth, Inc. The Haws Corp ICF Inc. InterRoyal Corp Intrex Inc., Architectural Supplements, Inc., and Habitat Inc. Knoll International Jack Lenor Larsen, Inc. Lehigh-Leopold Business Furniture Lundia, Myers Industries, Inc. Modern Mode, Inc. Modulo 3

O'Grady & Siegel Associates Omni Div., Hoover Ball & Bearing Co. The Pace Collection Inc. Paragon Designs Inc. Precision Mfg. Inc. Harvey Probber Inc. Reflector Hardware Corp. Reum Design Scandiline Industries Inc. Southeast Wholesale Furniture Co. Sperry-Univac OED Storwal International Inc. John Stuart Inc./John Widdicomb Co. Sunar Industries Ltd. Upstate Precision Mfg. Inc. Vanleigh Contract Corp. Xception Design Ltd.

### **Wood Desks**

Alma Desk Company Atelier International, Ltd. Baker Furniture Co. Beylerian Limited
A. Blank Inc.
Boling Chair Co.
Brickel Associates, Inc. Cado/Royal System, Inc. Campaniello Imports Ltd. Cole Business Furniture Condi Conwed Corp. Cramer Industries Inc Davis Furniture Industries, Inc. Designers Furniture Center Int'l. Desks Inc. Discovery Concepts, Inc. Domore Office Furniture, Inc. Eppinger Furniture Inc. Fuller Office Furniture, Corp. Gayeski Furniture Coordinates Helikon Furniture Co., Inc. Hiebert Inc. The Hitchcock Chair Co. Interiors International Ltd. Interiors international Ltd.
Intrex Inc., Architectural Supplements,
Inc., and Habitat Inc.
JG Furniture Co.
Jasper Desk Company Jofco Kittinger Company Knoll International Lehigh-Leopold Business Furniture Madison Furniture Industries Modern Mode, Inc. Modulo 3 Modulo 3
O'Grady & Siegel Associates
Omni Div., Hoover Ball & Bearing Co.
The Pace Collection, Inc.
Precision Mfg. Inc.
Harvey Probber Inc. R-Way Furniture Co.
Rudd International Corp.
Scandiline Industries Inc.
Southeast Wholesale Furniture Co. Steelcase Inc. Ste-Marie & Laurent Inc. Stow/Davis Alex Stuart Design John Stuart Int'I/ John Widdicomb Co. Sunar Industries Ltd. Upstate Precision Mfg. Inc. Vanleigh Contract Corp. Xception Design Ltee

### Wrought Iron Furniture

L&B Products Corp. Southeast Wholesale Furniture Co. Swan Brass Beds

### LAMPS & LIGHTING

### **Architectural Lighting**

Campaniello Imports Ltd. Castelli Furniture Inc. Design Galleries, Inc. Donn Products, Inc. Fostoria Industries, Inc. Fuller Office Furniture, Corp. Harry Gitlin Inc. Intrex Inc., Architectural Supplements, Inc., and Habitat Inc. J G Furniture Co. Kenro Light, Inc. Koch & Lowy Lighting Associates, Inc. Robert Long Inc. Charles Loomis Lighting Lumen Design Co.

R.A. Manning Co., Inc.
Metropolitan Lighting Fixture Co., Inc
Howard Miller Clock Co.
Neo-Art, Inc.
Neo-Ray Prod.
The Pace Collection, Inc.
Plantation Ltg. Inc.
Swivelier Co., Inc.
TSAO Designs, Inc.
Vanleigh Contract Corp.
Westinghouse—Arch. Systems Div.

### Chandeliers

Atelier International, Ltd. Campaniello Imports Ltd. Design Galleries, Inc. Georgian Art Lighting Designs Inc. Intrex Inc., Architectural Supplements, Inc., and Habitat Inc. Kenro Light, Inc. Koch & Lowy Lighting Associates, Inc. Robert Long Inc. Charles Loomis Lighting Lozano-Fisher Inc. Lumen Design Co.
R.A. Manning Co., Inc.
Metropolitan Lighting Fixtures Co., Inc. Neo-Ray Prod. New Metal Crafts, Inc. Norman Perry Inc. Plantation Ltg. Inc. Southeast Wholesale Furniture Co. C.W. Stockwell, Inc. John Stuart Int'l/ John Widdicomb Co. TSAO Designs, Inc. Turner Ltd. The Wrecking Bar, Inc.

### **Decorative Light Bulbs**

Design Galleries, Inc. TSAO Designs, Inc.

### Lamps

Airborne/Arconas Corp. Atelier International, Ltd. Brayton International Campaniello Imports Ltd Castelli Furniture, Inc.
Cole Business Furniture Designers Furniture Center Int'l. Design Galleries, Inc. Harry Gitlin Inc. Intrex Inc., Architectural Supplements, Inc., and Habitat Inc. Kenro Light, Inc. Koch & Lowy Jack Lenor Larsen, Inc. Lighting Associates, Inc. Robert Long Inc. Charles Loomis Lighting Lozano-Fisher Inc. Howard Miller Clock Co. The Pace Collection, Inc. Norman Perry Inc. Donald Robinson Designs Roxter Corp. Southeast Wholesale Furniture Co. C. W. Stockwell, Inc.
John Stuart Int'l/John Widdicomb Co. TSAO Designs, Inc Turner Ltd. Vanleigh Contract Corp.

### Luminous Ceilings

Conwed Corp.
Design Galleries
Entol Industries, Inc.
Georgian Art Lighting Design Inc.
Kenro Light, Inc.
Lighting Associates, Inc.
Lumen Design Co.
Neo-Art, Inc.
Yorkraft, Inc.
Yorkraft, Inc.

### Sconces

Castelli Furniture Inc.
Design Galleries
Georgian Art Lighting Designs Inc.
Harry Gitlin Inc.
Intrex Inc., Architectural Supplements,
Inc., and Habitat Inc.
Kenro Light, Inc.
Loch & Lowy
Lighting Associates, Inc.
Robert Long Inc.

Charles Loomis Lighting
Lozano-Fisher Inc.
Lumen Design Co.
R.A. Manning Co., Inc.
Metropolitan Lighting Fixture Co., Inc.
New Metal Crafts, Inc.
Norman Perry Inc.
Plantation Ltg. Inc.
The Wrecking Bar, Inc.
Yorkraft, Inc.

### Task/Ambient Lighting

Alma Desk Company American Seating Company Atelier International Ltd Conwed Corp.
Eppinger Furniture Co. GF Business Equipment Harter Corp. Hauserman Inc. Haworth, Inc. The Haws Corp. Helikon Furniture Co., Inc. Hiebert Inc. Interiors International Ltd. InterRoyal Corp. JG Furniture Co Knoll International Lehigh-Leopold Business Furniture Herman Miller Inc Nightingale Industries Ltd. Omni Div., Hoover Ball & Bearing Co. Harvey Probber Inc. Scandiline Industries Inc. Steelcase Inc. Storwal International Inc. Stow/Davis Sunar Industries Ltd. Upstate Precision Mfg. Inc. Westinghouse-Arch. Systems Div.

### Track Lighting

Designers Furniture Center Int'I Design Galleries Fostoria Industries, Inc. Fuller Office Furniture, Corp. Georgian Art Lighting Design Inc. Harry Gitlin Inc. Kenro Light, Inc. Koch & Lowy Lighting Associates, Inc. Roxter Corp. Swivelier Co., Inc. TSAO Designs, Inc. Vanleigh Contract Corp.

### SERVICES

### Architectural Woodwork

A. Blank Inc. Cumberland Woodcraft Co. Entol Industries, Inc. Gayeski Furniture Coordinates Window Modes Inc./Weavers Domain Ltd.

### Books/Publications

Abitare of America Watson-Guptill Publications Whitney Library of Design

### Carpet and Rug Cleaners

Bigelow Sanford, Inc. Desks Inc. Duraclean International Phoenix Carpet Co., Inc. Jack Soskin Associates, Inc. Stark Carpet Corporation

### **Custom Cabinetwork**

A. Blank Inc. Brickel Associates, Inc. Gayeski Furniture Coordinates Old World Moulding & Finishing, Inc.

### **Drapery Workrooms**

A. Blank Inc. F. Schumacher & Co. Skandia, Inc. Window Modes Inc./Weavers Domain Ltd.

### Dyeing and Finishing

Arc-Com Fabrics Kiesling-Hess Finishing Co. Scalamandre

### Fabric Finishing (Flameproofing, Backings, Stain Proofing)

Arc-Com Fabrics
Design Tex Fabrics, Inc.
S. M. Hexter Co.
Kiesling-Hess Finishing Co.
C. W. Stockwell, Inc.
Westgate Fabrics Inc.

### Furniture Layout Kit

Modulo 3

### Maintenance

A. Blank Inc.

### Quilting

Arc-Com Fabrics S. M. Hexter Co. Scalamandré

### Trade Associations

American Society of Interior Designers California Redwood Assn. Syndicat National Des Fabricants De Luminaires

### Trade Buildings and Marts

Dallas Market Center
Design Center, Danto Investment Company
Decorative Arts Center
The Ice House
The Marketplace
The Merchandise Mart
Pacific Design Center

### Trade Shows

International Interior Design Show

### Upholstering

A. Blank Inc. Brickel Associates, Inc. Vanleigh Contract Corp.

### WALLCOVERINGS

### Ceramic Tile, Wall

Forms & Surfaces Franciscan, Tile, Interpace Corporation Gail International Latco Products Vanleigh Contract Corp.

### Cork Wallcovering

Cohama Specifier Contract Fabrics Crown Wallcovering Corp. Forms & Surfaces Philip Graf Wallpapers, Inc. S. M. Hexter Co. Katzenbach & Warren, Inc. Karl Mann Associates Scalamandre C. W. Stockwell, Inc. Vanleigh Contract Corp. Wallpapers Inc. of Houston The Warner Company

### Felt Wallcovering

Design Tex Fabrics, Inc.
Philip Graf Wallpapers, Inc.
S. M. Hexter Co.
The Pace Collection, Inc.
Panta-Astor
Scalamandré
C. W. Stockwell, Inc.
Vanleigh Contract Corp.
Wallpapers Inc. of Houston

### Glass Tile, Wall

Latco Products Vanleigh Contract Corp.

### Metal Tile, Wall

The Diller Corporation Vanleigh Contract Corp. Wallpapers Inc. of Houston

#### Photomurals

Artafax Systems, Ltd., Inc.
Berkey K & L Gallery of Photographic
Art
Crown Wallcovering Corp.
Philip Graf Wallpapers, Inc.
Holland Shade Co., Inc.
Meisel Photochrome Corporation
Wallpapers Inc. of Houston

### Textile Wallcoverings

Arc-Com Fabrics
Belgian Linen Association
Design Tex Fabrics, Inc.
Crown Wallcovering Corp.
Philip Graf Wallpapers, Inc.
S. M. Hexter Co.
Homestead Fabrics, Inc.
Boris Kroll Fabrics
Jack Lenor Larsen, Inc.
Lazarus Fabrics
Karl Mann Associates
Newcastle Fabrics
Scalamandre
Sidlaw of Scotland, Inc.
C. W. Stockwell, Inc.
Vanleigh Contract Corp.
Albert Van Luit & Co.
Wallpapers Inc. of Houston
The Warner Company
Westgate Fabrics, Inc.
Window Modes Inc./Weavers Domain
Ltd.

### Vinyl Wallcoverings

Brunschwig & Fils, Inc. L.E. Carpenter & Co. Cohama Specifier Contract Fabrics Crown Wallcovering Corp. Desks Inc. B.F. Goodrich General Products Co. Philip Graf Wallpapers, Inc. HGH Design Group S. M. Hexter Co. House of Renaud Katzenbach & Warren, Inc. Karl Mann Associates The Pace Collection, Inc. Panta-Astor Scalamandré W. Stockwell, Inc. Albert Van Luit & Co. Wallpapers Inc. of Houston The Warner Company Westgate Fabrics, Inc.

### Wall Carpeting

Bigelow Sanford, Inc.
Carpet Imports
Desks, Inc.
Dylan Carpet, Inc.
Edward Fields, Inc.
Harmil Carpet, Inc.
S. M. Hexter Co.
Jack Lenor Larsen, Inc.
Karl Mann Associates
Scalamandre
Jack Soskin Associates, Inc.
Stark Carpet Corporation
Vanleigh Contract Corp.
Wallpapers Inc. of Houston

### Wallcover Murals

Carpet Imports
Crown Wallcovering Corp.
Desks, Inc.
Edward Fields, Inc.
Philip Graf Wallpapers, Inc.
Holland Shade Co., Inc.
House of Renaud
Katzenbach & Warren, Inc.
Vanleigh Contract Corp.
Albert Van Luit & Co.
Wallpapers Inc. of Houston
The Warner Company

### Wallcovering & Matching Fabrics

Belgian Linen Association Brunschwig & Fils, Inc Crown Wallcovering Corp.
The Diller Corporation
B. F. Goodrich General Products Co. Philip Graf Wallpapers, Inc. H&H Design Group S. M. Hexter Co. Katzenbach & Warren, Inc. Jack Lenor Larsen, Inc. Arthur H. Lee & Jofa Inc. Karl Mann Associates Margowen, Inc. Panta-Astor Scalamandré C. W. Stockwell, Inc. Vanleigh Contract Corp. Albert Van Luit & Co. Wallpapers, Inc. of Houston The Warner Company

### Wallpapers

Brunschwig & Fils, Inc. Crown Wallcovering Corp Design Tex Fabrics, Inc. Desks, Inc. B.F. Goodrich General Products Co. Philip Graf Wallpapers, Inc. HGH Design Group S. M. Hexter Company Jones & Erwin, Inc. Katzenbach & Warren, Inc. Arthur H. Lee & Jofa, Inc. Karl Mann Associates Margowen, Inc. Scalamandré W. Stockwell, Inc. Vanleigh Contract Corp Albert Van Luit & Co

Wallpapers Inc. of Houston The Warner Company

### Wall Upholsterers

Murlon USA (Fair-Tex Mills, Inc.)

### WINDOW TREATMENTS

### Austrian Blinds

Lozano-Fisher, Inc. Window Modes, Inc./Weavers Domain

### Awnings

Window Modes, Inc./Weavers Domain

#### Drapes

Celeanese Fibers Marketing Co. Ohline Corp. Vanleigh Contract Corp. Window Modes, Inc./Weavers Domain

### Roman Shades

Holland Shade Co., Inc. Joanna Western Mills, Co. Lozano-Fisher, Inc. Ohline Corp. Window Modes, Inc. / Weavers Domain Ltd

### Shades

Holland Shade Co., Inc. Joanna Western Mills Co. Lozano-Fisher, Inc. Vanleigh Contract Corp Window Modes, Inc./Weavers Domain

### Venetian Blinds

Bernard Fredrick, Inc. Holland Shade Co., Inc. Hunter Douglas, Inc. Levolor Lorentzen, Inc. Lozano-Fisher, Inc. Wallpapers, Inc. of Houston Window Modes Inc./Weavers Domain Ltd

### Vertical Blinds

Holland Shade Co., Inc. LouverDrape, Inc Lozano-Fisher, Inc. Ohline Corp. Vanleigh Contract Corp Wallpapers Inc. of Houston Window Modes, Inc./Weavers Domain

### Wood Shutters (Louvered, Grille)

Cumberland Woodcraft Co. Holland Shade Co., Inc. Joanna Western Mills Co. Lozano-Fisher Inc. Window Modes, Inc./Weavers Domain Ltd The Wrecking Bar, Inc.

### Woven Wood Blinds & Shades

Holland Shade Co., Inc. Joanna Western Mills Co. Kirsch Company Lozano-Fisher Inc Ohline Corp Vanleigh Contract Corp. Wallpapers Inc. of Houston Window Modes Inc./Weavers Domain 1 td

### MISCELLANEOUS

### **Builders/Contractors**

Dember Construction Corp.

### Mineral Products

Ludlow Smith & Cann Inc.

#### Schools

Harvard Graduate School of Design

### Wine Cellars

Vintage House Inc.

## Part 3 America's Great Sources:

# 1977 Contract Interiors Advertisers

Abitare of America, 6725 Allott Ave., Van Nuys, CA 91401, 213/994-4462

Abstracta Structures Inc., 101 Park Ave., New York NY 10017, 212/532-3710

AGI Industries, Inc., 1412 Trinity Ave., High Point.

NC 27261, 919/883-4821

Airborne / Arconas Corporation, 580 Orwell St., Mississauga, Ontario L5A 3V7 Canada 416/272-0727 All-Steel Inc., Route 31, Aurora, IL 60507, 312/859-

Allied Chemical Corp., 1411 Broadway, New York NY 10018, 212/391-5069

Alma Desk Company, P.O. Box 2250, High Point, NC 26261, 919/885-4101

Alva Museum Replicas, Inc., 140 Greenwich Ave., Greenwich, CT 06830, 203/661-2400

American Seating Company, Am Se Co Office Prod-ucts Group, 901 Broadway, NW, Grand Rapids, MI 49504, 616/456-0395

American Society of Interior Designers, 750 Fifth Ave., New York, NY 10019, 212/586-7111 Arc-Com Fabrics, 6 E. 32 St., New York, NY 10016.

Art for Art's Sake, 253-13 Northern Blvd, Little Neck, NY 11362, 212/423-2392

Artisan House, Inc., 1755 Glendale Blvd., Los Angeles, CA 90026, 213/664-1111

Art Metal-U.S.A. Inc., 300 Passaic St., Newark, NJ 07104, 201/485-5310

Artafax Systems, Ltd. Inc., Jefferson Mill-No. Commerical St., Manchester, NH 03101, 603/669-3162

Atelier International, Ltd., 595 Madison Ave., New York, NY 10022, 212/644-0400 August Incorporated, 101 Westpark Road, P.O. Box

43. Centerville, OH 45459, 513, 434-2520 **Avenger Designs**, P.O. Box 712, Oakville, Ontario L6J 5C1, Canada, 416/845-3338

Avery Boardman Ltd., 979 Third Ave., New York, NY

10022, 212/688-1562

### В

B&B America, 745 Fifth Ave., New York, NY 10022 2/838-6050

BPC Enterprises, Inc., Adams at Eleventh, Hobo-

ken, NJ 07030 201/798-0100 Baker Furniture Company, 917 Merchandise Mart, Chicago, IL 60654, 312/329-9410

Belgian Linen Association, 280 Madison Ave., New York, NY 10016, 212/685-0424 Berkey K & L Gallery of Photographic Art, 222 E. 44

St., New York, NY 10017, 212/661-5600

Beylerian Limited, 305 E. 63 St., New York, NY 212/755-6300

Bigelow-Sanford, Inc., P.O. Box 3089, Greenville, SC 29602, 803/242-2000 A. Blank Inc., 88 Broad St., New York, NY 10004

212/269-8884

Vojtech Blau, Inc., 980 Madison Ave., New York, NY 10021, 212/249-4525

Boling Chair Co., Box 409, Siler City, NC 27344, 919/663-2400

Brayton International Inc., 113 Motsinger St., P.O. Box 1864, High Point, NC 27261, 919/883-1311

Box 1864, High Point, No. 2/261, 919/863-1311

The William Brenner Furniture Corp., 7401 N.W. 32nd Ave., Miami, FL 33147, 305/691-7400

Brickel Associates, Inc., 515 Madison Ave., New York, NY 10022, 212/688-2233

B. Brody Seating Co., 5921 W. Dickens Ave., Chi-cago, IL 60639, 312/889-6000 Brueton Industries Inc., 315 E. 62 St., New York, NY

10021 212 838-1630 Brunschwig & Fils, Inc., 979 Third Ave., New York, NY 10022, 212/838-7878

Budd Looms, 306 E. 61 St., New York, NY 10021.

758-4460 Claud Bunyard Design Inc., Box 448, Gardner, MA 01440.617/874-0557

### C

Cado/Royal System, Inc., 57-08 39 Ave., Woodside

California Redwood Assn., 617 Montgomery St., San Francisco, CA 94111, 415/392-7880

Campaniello Imports Ltd., 665 Fifth Ave., New York

NY 10022, 212/371-3700 L.E. Carpenter & Company, 170 N. Main St., Whar ton, NJ 07885, 201/366-2020

Carpet Imports, 1201 Story Ave., Louisville, KY 40206, 502/583-8382

Carpets International, USA, 919 Third Avenue, New York, NY 10022, 212/751-9515 Castelli Furniture Inc., 950 Third Ave., New York,

751-2050

Celanese Fibers Marketing Co., 1211 Avenue of the Americas, New York, NY 10036, 212/764-8048 Chicago Hardware Foundry Co., 150 Pine St., Grayslake, IL 60030, 312/223-2602

Cohama Specifier Contract Fabrics, 214 Madison Ave., New York, NY 10016, 212/564-6000 Cole Business Furniture, Div. of Litton Industries, 640 Whiteford Rd., York, PA 17405, 717/854-1545

Colonial Moulding & Frame Co., 37 E. 18 St., New York, NY 10003, 212/254-4281

Condi, 1965 E. Vista Bella Way. Compton. CA 90220, 213,7774-8300

Congoleum Corp., Resilient Flooring Div., 195 Belgrove Dr., Kearny, NJ 07032, 201/991-1000
Conwed Corp., 332 Minn. St., St. Paul, MN 55164, 612/221-1100

Cosco Contemporaries, 2525 State St., Columbus, IN 47201, 812/372-0141

Cramer Industries Inc., 625 Adams, Kansas City, KN 66105, 913/621-6700

Crown Wallcovering Corp., 979 Third Ave., New York, NY 10022, 212/421-6550
Cubicon Corp., 3825 Laclede Ave., St. Louis, MO

63108 314/535-3020

Cumberland Woodcraft Co., R.D. #5, Box 452, Car-

liste, PA 17013, 717/243-0063

Customweave Carpets, Inc., 18480 Pacific St., Fountain Valley, CA 92714, 714/962-8841

### D

Dahnz Industries USA Inc., 2 Park Ave., Suite 1500, New York, NY 10016, 212/684-3352 Dallas Market Center, 2100 Stemmons Freeway,

Dallas, TX 75207, 214/748-6832 **A. C. Davenport & Son Co.**, 306 E. Hellen Rd., Palatine, IL 60067, 312/358-7322

Davis Furniture Industries Inc., 602 W. Linden St., High Point, NC 27260, 919/885-5004

Dazian's Inc., 40 E. 29 St., New York, NY 10016.

212/686-5300 Decor, P.O. Box 417, Lancaster, OH 43130, 614/ 687-0789

Decorative Arts Center, 315 E. 63 St., New York, NY 10021, 212/838-7736

Dember Construction Corp., 139 E. 57 St., New York, NY 10022, 212/980-3460

Dependable Furniture Mfg. Co., 45 Williams Avenue, San Francisco, CA 94124, 415/822-3232
Design Center (Danto Investment Co.) 1500 No.

Woodward Ave., Birmingham, MI 48011, 3137 647-3382

Designcraft, 111 Kero Rd., Carlstadt, NJ 07072, 212/695-8565

212/695-8565

Design Tex Fabrics Inc., 275 Seventh Ave., New York, NY 10001, 212/924-5880

Design Tex Fabrics, Inc., 147 N. Robertson Blvd.. Los Angeles, CA 90048, 213/274-6661

Designers Furniture Center Intl., DFC East—979
Third Ave., DFC West—150 E. 58 St., New York, NY 10022, 212/755-5611

Design Galleries, Inc., 325 N. Wells St., Chicago, IL 60610, 312/644-5860

Designers Tile International, 6939 S.W. 57 Ave., Miami, FL 33143, 305/661-1581 Desks Inc., 345 Park Ave., New York, NY 10022.

212/593-0600

The Diller Corporation, 6126 Madison St., Morton Grove, IL 60053, 312/966-4100

Discovery Concepts, Inc., P.O. Box 62, Carlstadt, NJ 07072 201/438-7722

Domore Office Furniture, Inc., Div. of IKD, 2400 Sterling Ave., Elkhart, IN 46514, 219/293-0621 Donn Products Inc., 1000 Crocker Rd., Westlake, OH 44145, 216/871-1000

Dow Badische Company, Drawer D, Williamsburg, VA 23185, 804 /887-6411

Du Pont Co., Vonar, Elastomers Dept., Wilmington, DE 19898, 302 / 774-3750

E.I. DuPont de Nemours & Co., Inc., Textile Fibers

**Div.**, Centre Rd. Bldg., Wilmington, DE 19898, 302/999-3218

Duraclean International, Deerfield, IL 60015, 312/

**Dylan Carpet, Inc.**, 140 E. 55 St., New York, NY 10022, 212/688-0345

Eastman Chemical Products, Inc., Kingsport, TN 37662, 615/246-2111

Eastman Kodak Company, 343 State St., Rochester NY 14650, 716/325-2000

Eldon Office Products, 1130 E. 230 St., Carson, CA 90745, 213/518-1600

Entol Industries Inc., 6300 N.W. 74 Ave., Miami, FL 33166, 305/592-5607

Eppinger Furniture Inc., 455 Fairview Park Dr., Elmsford, NY 10523, 914/592-3000

Fabindia, Inc., Canton, CT 06019, 203/693-8551 Falcon Products, Inc., 9387 Dielman Industrial Dr., St. Louis, MO 63132, 314/997-5600

Edward Fields, Inc., 232 E. 59 St., New York, NY 10022, 212/759-2200

Fixtures Mfg. Co., 1642 Crystal, Kansas City, MO 64126, 816/241-4500

Flex-O-Lators, Inc., 131 Locust, Carthage, MO 64836, 417/358-4095

Formica Corporation, 120 E. Fourth St., Cincinnati, OH 45202, 513/721-1000 Forms & Surfaces, Box 5215, Santa Barbara, CA

93108, 805/969-4767

Fostoria Industries, Inc., P.O. Box E, Fostoria, OH 44830, 419/435-7721 Franciscan Tile, Interpace Corporation, 2901 Los

Feliz Blvd., Los Angeles, CA 90039, 213/663-

Fuller Office Furniture, Corp., 45 E. 57 St., New York, NY 10022, 212/688-2243

### G

GF Business Equipment Inc., E. Dennick Ave., Youngstown, OH 44501, 216/746-7271 Gail International, 1481 N. Main St., Orange, CA 92667, 714/997-9383

Gas Spring Corporation, 17 Commerce Drive, Mont-gomeryville, PA 18936, 215/368-7105

Gayeski Furniture Coordinates, 263-265 S. River St., Hackensack, NJ 07601, 201/487-1043 Gemini G.E.L., 8365 Melrose Ave., Los Angeles, CA

90069, 213/651-0513

Georgian Art Lighting Designs Inc., P.O. Box 325, Lawrenceville, GA 30246, 404/963-6221 Harry Gitlin Inc., 305 E. 60 St., New York, NY 10022.

B.F. Goodrich General Products Div., 500 S. Main-

WHB-3, Akron, OH 44318, 216/379-3452 Philip Graf Wallpapers, 979 Third Ave., New York, NY 10022, 212/755-1448

HGH Design Group, 149 Grand St., New York, NY 10013, 212/925-5925 The Hall China Company, P.O. Box 989, East Liver-

pool, OH 43920, 216/385-2900 Hamilton Industries, 1316 18th St., Two Rivers, WI

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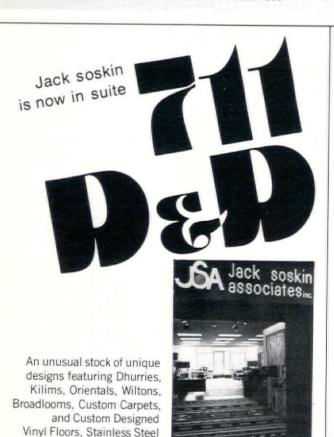
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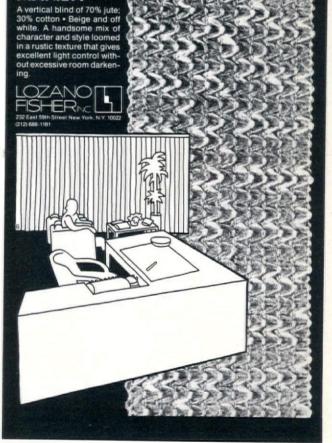
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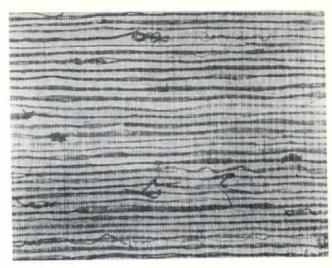
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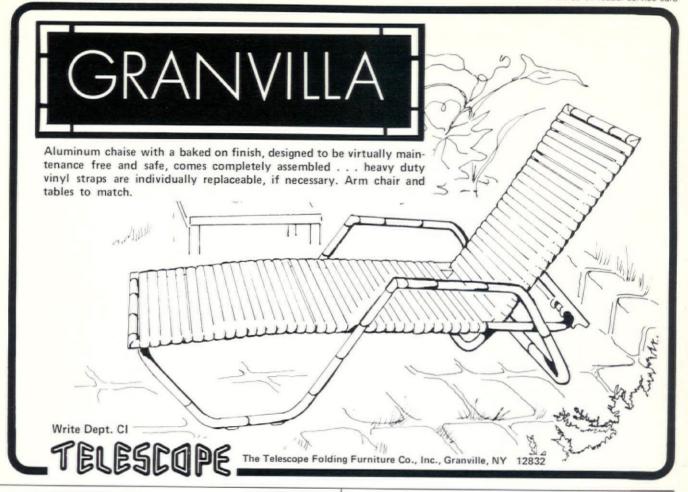


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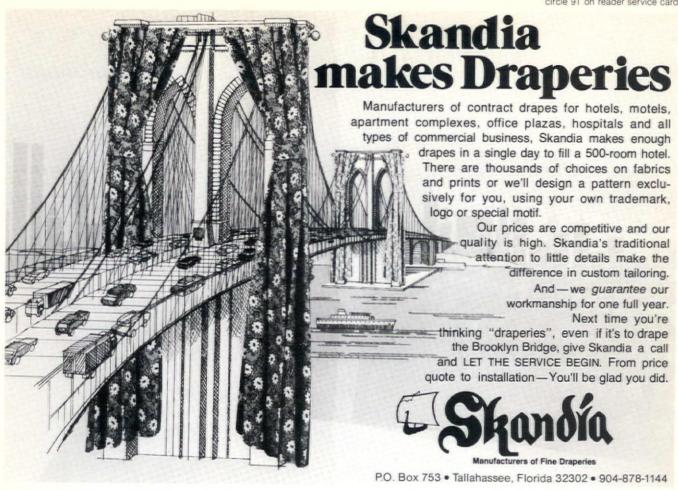
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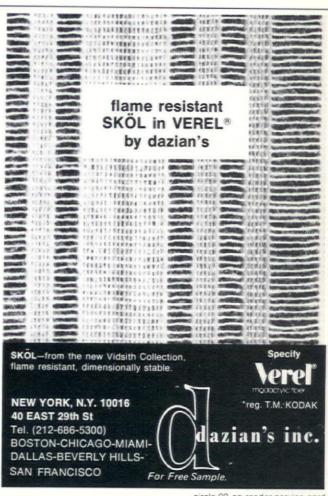


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The new Curtis office chair Series 2600, from Curtis Products Limited, consists of a sled type guest chair (model 2618), tilter chair (model 2648) and executive tilter chair (model 2644), shown. Shaped seat and back cushions on guest and tilter chairs fit inside twin envelope type upholstery covers, which are sewn and double stitched. The fully cushioned 3½-in. shaped seat cushion on the executive tilter has an extra 1/2-in layer of medium density poly foam. Seat height adjusts from 18 in. to 221/2 in. Tubing is finished in mirror chrome.

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