

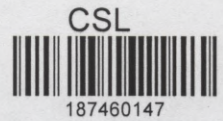


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June 1985

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San Francisco's 'value architecture' theme

The largest exhibit of architectural products and technology in The American Institute of Architects' history will be offered during the organization's 1985 National Convention June 9-12 at San Francisco's Moscone Center.

Under the convention theme "Value Architecture" will be 34 professional development programs, 42 consultation sessions and five full-day workshops (which will begin June 8 and end June 13). Learning sessions will be tailored to all levels of education and experience, from senior partners to interns and students.

As usual, awards presentations will honor leading architects and outstanding projects of the past and present. (To learn who the award winners are, see Page 15.)

Leading the program will be five "Theme Explorations" — examinations of the respective roles of architect, client and public in design. The series begins with a 4 p.m.-5 p.m. session Sunday, June 9, featuring Tom Wolfe, author of *From Bauhaus to Our House*.



San Francisco, with its diverse architecture, will host the 1985 AIA convention. (Photo by Carl Wilmington for San Francisco Convention & Visitors Bureau).

Theme Exploration II, from 10:30 a.m.-noon on Monday, June 10, will center on "The Client's Interests." Leading this examination will be Andrew M. Lewis, board chairman and chief executive officer of Best Products Co.; Max De Pree, chairman, president and chief executive officer of Herman Miller Inc.; and Lucy Crow

Billingsley, president of the Dallas Market Center Co. (a subsidiary of the Trammel Crow Co.); and Allan Temko, architecture critic of the San Francisco Chronicle.

"The Architect's Interests" will take center stage as Theme Exploration III, 8:30-9:30 a.m. on Tuesday, June 11. Experts outlining practice, technologi-

cal and communications issues affecting the profession will be Hugh Newell Jacobsen, FAIA, and Charles B. Thomsen, FAIA, president and chief operating officer of 3D/International.

Theme Exploration IV, 8:30-9:30 a.m. on Wednesday, June 12, is titled, "The Public's Interests." Debating the growing body of research into user needs and behavior will be Stanley Tigerman, FAIA, and Michael Brill, president of Buffalo Organization for Social & Technological Innovation.

From 5-6:15 p.m. Wednesday, June 13, John F. Hartray Jr., FAIA, will summarize in Theme Exploration V the disparate views of clients, architects and the public expressed in the earlier theme explorations.

Products and services on display during the convention exhibit will range from Danish sinks, undercarpet fiber-optic cable, transoms, tramways and skylights to stand-alone turnkey computer systems with architectural software. Exhibits will be organized under eight categories: computer-assisted design and management; energy
See AIA page 21

China Trade Center to dominate Beijing with 40-story tower

Beijing, People's Republic of China

Sobel/Roth, the international architectural division of New York-based Emery Roth and Sons, is completing final design plans for the China World Trade Center here. When completed in 1988, the \$300-million project will be the largest trade center in Asia and one of the largest in the world.

The project will blend traditional Chinese elements with modern design and technology to accommodate the influx of foreign visitors to China's capital city. Construction will begin in spring 1986.

Once completed, the China World Trade Center will be second only to New York's World Trade Center, designed by Emery Roth and Minoru Yamasaki Associates of Japan. China's trade center will boast nine buildings, including Beijing's tallest structure — a 40-story international office tower visible from Beijing's airport.

"The project is totally unlike anything in the city because Beijing has nothing near that tall," says Richard Roth Jr., president of Emery Roth and Sons. And though China has several international hotels throughout the country, "there are very few tall office buildings in China."

Among other buildings in the 5.7-million-square-foot trade center: a trade mart with central atriums inter-
See CHINA page 4



Johnson and Burgee's copper-capped IBM tower anchors the 2.5-million-square-foot Atlantic Center.

Johnson-Burgee IBM tower features 1920s Chicago styling

Atlanta

International Business Machines Corp. will dominate Atlanta's Midtown with a 44-story, 1-million-square-foot sculpted tower which architects Philip Johnson and John Burgee designed to reflect earlier skyscraper styles.

"The style of Chicago of the 1920s" is how Johnson describes the ornate, rose-creme granite and gray tinted glass facade of IBM's tower, slated to begin rising later this year and be completed in late 1987. The symmetrical shaft, featuring a series of setbacks, will be topped by an octagonal copper pyramid illuminated at night. At 725 feet, it will be one of Atlanta's tallest buildings and the architects' first proj-

ect in the city.

Burgee labels the tower, to be developed in conjunction with Cadillac Fairview Urban Development Inc., the "best" product of his collaboration with Johnson. The New York-based team has produced, among others, New York's AT&T Building, Houston's Transco Tower and Pittsburgh's PPG Place.

The IBM tower anchors Atlantic Center, scheduled eventually to include three other 24-story office buildings and three parking garages, all of similar style and materials to the IBM structure. The four buildings will be grouped around a major Midtown intersection and linked by underground
See ATLANTIC page 4

Congress keeps NBS programs intact for now

By Sam Hankin
Washington Correspondent

Two National Bureau of Standards programs that study and set model building standards for fire and structural safety eluded a budgetary death when Congress voted recently to restore full funding for both.

President Reagan had proposed eliminating the NBS Center for Fire Research and the Center for Building

Technology from the 1986 budget.

Both the House and Senate voted to maintain spending at current levels for the programs — \$5.8 million for the Center for Fire Research and \$3.1 million for the Center for Building Technology. The reprieve passed as part of an authorization bill for the Commerce, Justice and State department budgets.

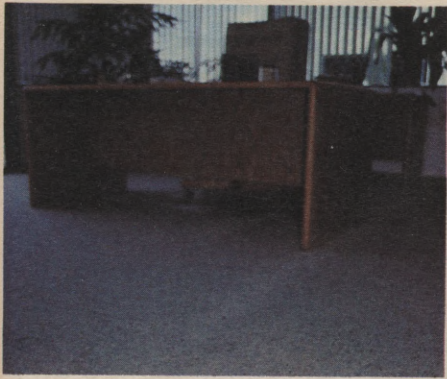
But the funding isn't secure yet. The House Committee on Science and

Technology and the Senate Commerce Committee still must iron out differences in other areas of the authorization bill each chamber passed. Then, the full House and Senate have yet to vote on a compromise bill before sending it to the President to approve. And either the House or Senate appropriations committees can reduce the amount in the appropriation bills they report to Congress.

See NBS page 4

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page 25



page 33

Putting on a friendlier face

A new look is in store for Renaissance Center, the Detroit mixed-use complex often criticized for presenting a cold, forbidding face to the rest of downtown. **Page 6.**

Big Development in Big D

A Dallas freeway will run through the middle of Cityplace Center, a \$500-million development which will include two 42-story office towers and six smaller buildings. **Page 7.**

Hollein wins the Pritzker

His "wit" and "eclectic gusto", exhibited in office buildings, retail facilities and museums, have won for Austrian architect Hans Hollein the 1985 Pritzker Architecture Prize. **Page 8.**

Racing to finish before the races start

Fast-track construction allowed a \$10.1-million greyhound race track in Iowa to be completed in a little more than 10 months, with much of the work during the severe Midwestern winter. **Page 8.**

Big firms take to CADD

Not surprisingly, a new survey shows acceptance of CADD continuing to grow among architects and engineers. Also, investment in CADD hardware tends to increase dramatically in proportion to a firm's size. **Page 13.**

Spotlight on AIA85

Design professionals head for San Francisco June 9 for the annual convention of the American Institute of Architects. **Buildings Design Journal** looks at what will be discussed during the week and also highlights winners of major AIA award categories. **Page 15.**

Resisting harsh elements

Exterior systems on today's buildings may need to resist a variety of harsh conditions; some are the familiar ravages of weather but others, such as acid rain, are the result of man's influence on the environment. Our product focus on exterior wall systems and coatings looks at how those conditions are combated. **Page 23.**

Carpeting in a high-tech world

Green and gold used to be the most popular carpet colors. Now, mauve, gray and teal are in demand, reflecting the high-tech trend which also necessitates attention to static resistance and other mandates of the computerized office. **Page 24.**

History important to Johnson/Burgee

New-York based architects Philip Johnson and John Burgee say their new Atlantic Center complex in Atlanta is another effort to reflect the historical tradition of design, to avoid having "just glass boxes that look like ice cubes." **Page 26.**

Departments

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People & Places

Bulletins

James Stark of **Good, Haas & Fulton** was honored as Best of Show in the 11th Annual Ken Roberts Memorial Delineation Competition sponsored by the Dallas Chapter of the American Institute of Architects to promote excellence in architectural graphic communications and illustrations. Honor Award winners in the professional category were **Michael Borne** of **Selzer Associates/Selzer Volk Borne**, **Brent Byers** of **Corgan Associates** and **W.C. Chung** of **HKS & Partners**.

The Rocky Mountain Chapter of the American Concrete Institute has given an award of excellence to the office tower at **Tabor Center** in downtown Denver. The project, in which concrete doubles as the exterior skin and structural frame, was designed by **Kohn Pedersen Fox Associates P.C.** of New York City and **Rogers Nagel Langhart PCA** and **Urban Design Group**, both of Denver.

Jos. L. Muscarelle Inc. of Maywood, New Jersey, is developing and constructing a new corporate headquarters in Rockaway Township, New Jersey, for the U.S. operations of **Casio Inc.** A design/build approach for the 130,000-sq.-ft. facility will be developed in conjunction with the architectural firm **Ventura Partnership** of Tenafly, New Jersey.

Walter M. Ballard Corp., a designer of hotel, conference center and club room interiors, has merged into **Sidney Philip Gilbert and Associates, P.C.**, the New York-based architectural, interiors and planning firm.

Ballenger Corp. of Greenville, South Carolina, has formed **Ballenger Construction Co.** to provide general construction and construction management services to industrial, commercial and institutional customers in the Southeast.

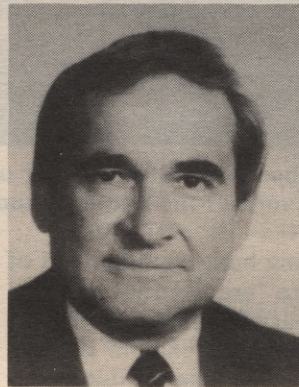
Wolfberg/Alvarez & Associates, a Miami-based architecture, engineering and planning firm, has been chosen by the Veterans Administration to design a \$180-million medical center in Palm Beach County, Florida.

Two Tampa architectural firms, **MJSH Inc.** and **Rowe Holmes Associates Architects**, have merged to form a new corporation — **The Design Arts Group Inc.**

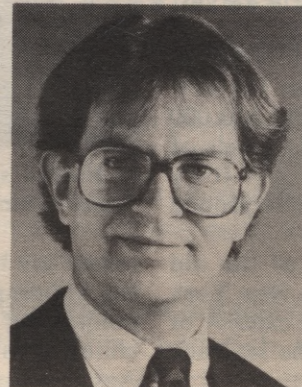
Spillis Candela & Partners of Coral Gables, Florida, are architects for **The Colonnade**, a \$50-million multi-use development in Coral Gables combining retail and commercial space and a luxury suite hotel.

Architect **I.M. Pei** will design an 85-acre commercial complex planned in suburban Atlanta by Dallas-based **Albritton Development Co.**

Newsmakers



Socrates Christopher



William G. Bugenhagen



William M. Whistler

Socrates Christopher has been named executive vice president/chief operating officer of **CRS Serrine Inc.**, a Houston-based international design/construct company. He will be responsible for daily affairs of the firm's four branches — architecture, engineering, construction and international operations.

William G. Bugenhagen, AIA, has joined **Nexus Development Corp.** of La Jolla, California, as executive director for architecture and construction management.

William M. Whistler, AIA, has been promoted to vice president of design at **Sidney Philip Gilbert and Associates, P.C.**, the New York City-based architectural, interiors and planning firm.

Rodney L. James has been named president and chief operating officer of **ShareTech**, a Parsippany, New Jersey-based partnership affiliated with AT&T and United Technologies and providing shared information management services to tenants in commercial office buildings.

Among the newly appointed executives at the Hawthorne, New York, firm of **Matthew J. Warshauer Architects, P.C.** are vice presidents **Vincent J. Mellusi**, AIA; **Gary David Warshauer**, AIA, and **Warren Caroll**, AIA.

Louis F. Masonick, technical service manager for 3M's Energy Control Products, has been appointed to the Conservation/Load Management Division of the **Energy Research Advisory Board**, which reports to the Department of Energy.

Richard J. Charbonneau has joined **Wilson Distributing Co.** in Melbourne Beach, Florida, as a technical consultant for roofing systems.

The president of the **Single Ply Roofing Institute** for 1985 is **Ruth Warshaw** of Sarnafil Inc. The president-elect is **Thomas Petrarca** of Synergy Methods Inc.

Jack C. Lipman, AIA, has been named advisory consultant for Hawaii for the international architectural and engineering firm of **Daniel, Mann, Johnson & Mendenhall**.

J. Stephen Cruz has joined **Mia Associates** of Garden City, New Jersey, as director of planning and design.

Winning projects use basic rules of design

AIA Honor Awards include Graves' library

Michael Graves' San Juan Capistrano Library in California and Skidmore, Owings & Merrill's Weyerhaeuser Technology Center in Tacoma, Washington, are among the 12 winners of the American Institute of Architects' 1985 Honor Awards.

The winners — seven commercial or institutional structures and five residences chosen from a field of more than 600 entries — will be recognized this month during the AIA convention in San Francisco.

Other commercial/institutional structures cited were: the rehabilitation and restoration of the main core market buildings at Pike Place Market, Seattle, by G.R. Bartholick, architect/planner, Seattle; Middlebury Elementary School, Middlebury, Connecticut, a product of Tai Soo Kim/Hartford Design Group, Hartford, Connecticut; The Atheneum, New Harmony, Indiana, designed by Richard Meier & Partners of New York City; the AB Volvo corporate headquarters, Gothenburg, Sweden, a creation of Mitchell/Giurgola Architects, New York City; and the Charles Shipman Payson Building (Portland Museum of Art), Portland, Maine, designed by I.M. Pei & Partners and Henry N. Cobb, both of New York City.

Residential projects cited were: Pacific Townhouses, Santa Monica, California, by Rebecca L. Binder of Santa Monica and James G. Stafford of Los Angeles; Church Court Condominiums, Boston, a product of Graham Gund Associates Inc., Cambridge, Massachusetts; Tidewater House, Eastern Shore, Maryland, by Hugh Newell Jacobsen, Washington, D.C.; Roosevelt Solar Village, Roosevelt, New Jersey, by Kelbaugh + Lee, Princeton, New Jersey; and Residence at Chilmark, Martha's Vineyard, Massachusetts, designed by Robert A.M. Stern Architects of New York City.

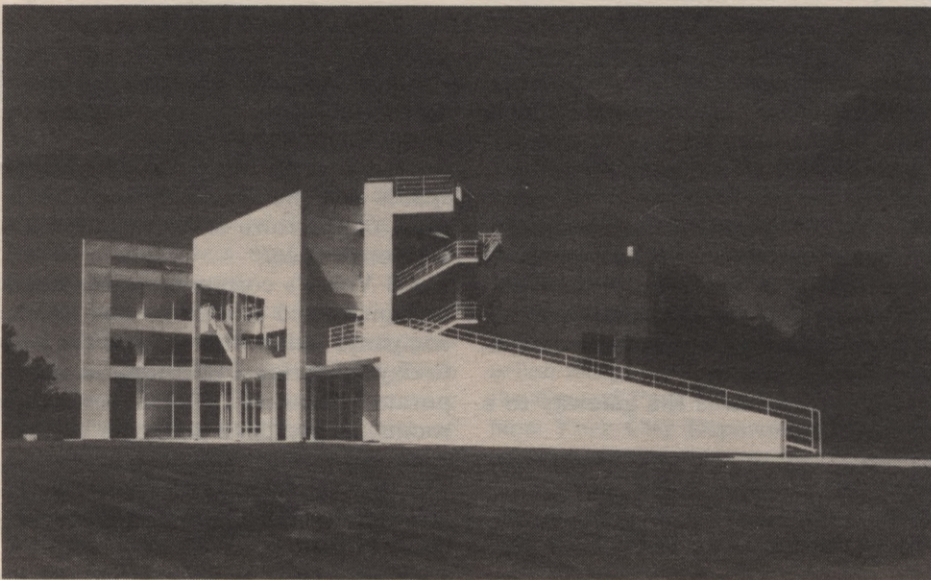
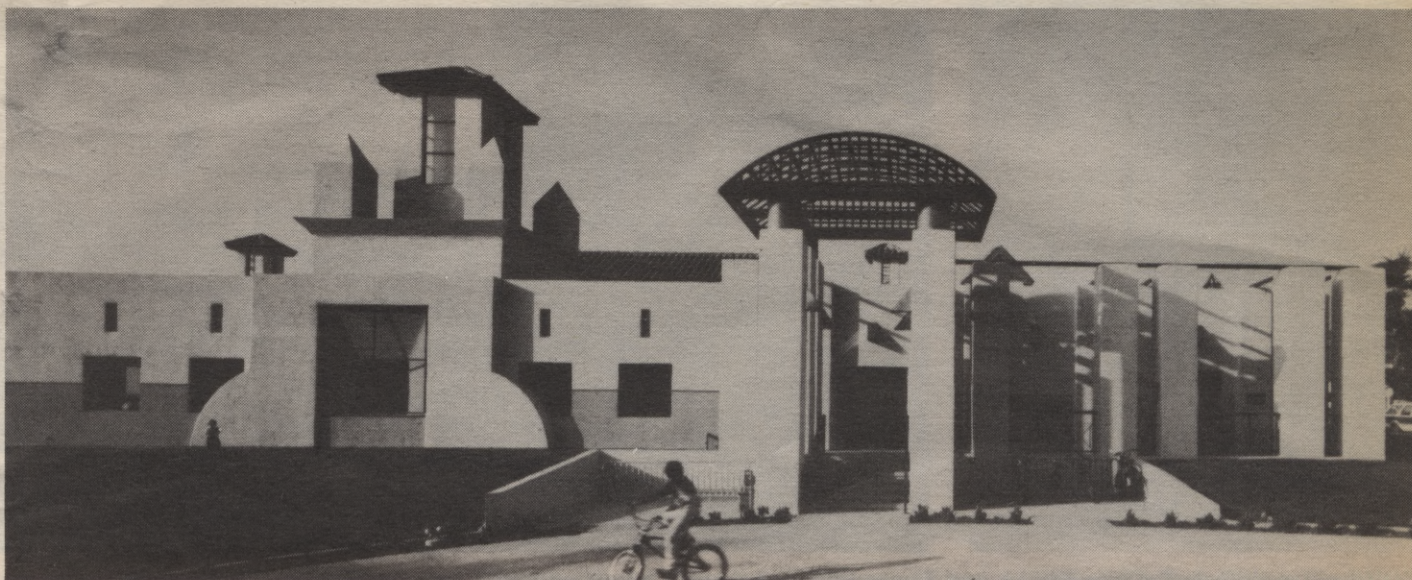
Awards jury chairman James Stewart Polshek, FAIA, of New York City, said the quality of most entries was "extremely high."

"The jury tended to look more favorably upon projects that expressed a strong dependence on the basic architectural principles that all great works of architecture have in common.

"We also looked for and found numerous examples of buildings that did not depend on predetermined originality or highly personal stylistic expression. The jury tended to value building solutions that were urbanistically appropriate or socially useful to their communities."

Light enhances library

Graves' San Juan Capistrano Library focuses on the use of light to bring "a masterful transformation of the Spanish mission vernacular into a modern composition that makes a visit to the library a delightful experience," the jury said. The building uses light monitors, clerestories and walls as light filters. It is oriented around a central courtyard allowing outside light to filter in and serving as both a relaxed



Michael Graves' San Juan Capistrano Library (top photo), Richard Meier's Atheneum (above left) and Tai Soo Kim/Hartford Design Group's Middlebury Elementary School rank among the 12 designs honored by The American Institute of Architects.

central reading place and the axis of subdivision for the library's various uses.

Research, development, engineering, office and industrial activities are

integrated at Weyerhaeuser's facility. Three distinct parts comprise the wood and glass structure — a two-story glass pavilion; a parallel link on two levels containing entry lobbies, cafeteria,

meeting rooms and library; and a two-story segment sheathed in cedar boards. "The building is not so much an object in its environment as an in- See AWARDS page 16



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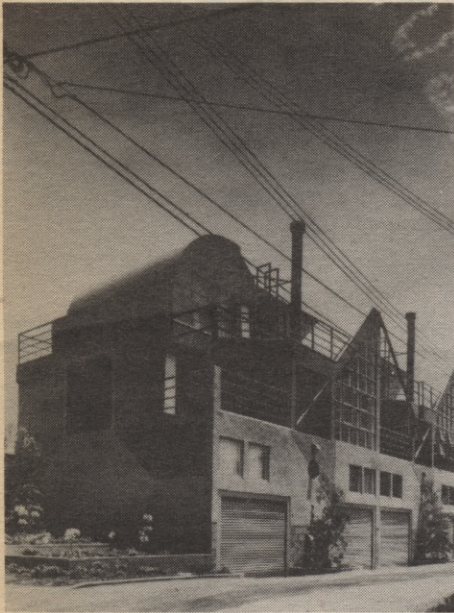
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Awards

continued from page 15



California architects Patricia Binder and James Stafford created a postindustrial look for Pacific Townhouses (left), while Mitchell/Giurgola Architects of New York did a corporate design for Volvo's headquarters in Sweden.

tegral part of its environment," the jury said.

Pike Place Market was cited as "one of the best mixed-use environments in the United States." The 14-building complex was built just after the turn of the century and was threatened by urban renewal a few years ago.

The revitalization retains the character and color of the original structures but pays heed to the needs and attitudes of present-day merchants and shoppers, jurors found.

Two obsolete school buildings were replaced with a single 50,000-sq.-ft. structure in the Middlebury Elementary School project. Despite its size, the building conveys a traditional, small-scale New England look thanks to its barn red and concrete white coloring and a timber roof central spine. That feeling is reinforced with a garden fence, a porch-like canopy and retention of many large oaks and maples.

The Athenium is the gateway to a

historic utopian village and is intended to be a center for visitor orientation and community cultural events. A ramped circulation spine leads from the entry to the exhibition and lounge spaces and the film theater. A panorama of the town is provided from a rooftop terrace.

AB Volvo's corporate headquarters was envisioned as a think tank for the company, rather than a home for day-to-day operational decisions. It incorporates executive offices, conference rooms, an arcade, a gallery, a visitors' wing and a three-level corporate wing. The jury cited "an atmosphere of elegance and quality rare in corporate environments."

Details such as reiteration of the traditional Swedish farm court in the elongated formal entry at the end of a rugged hilltop drive demonstrate "the architects' remarkable capacity to operate with grace and ease within a cultural and national esthetic other than their own," the jury added.

Portland's new museum of art responds to a common challenge in New England — placement of a new facility amidst landmark buildings on an oddly-shaped urban site. The answer

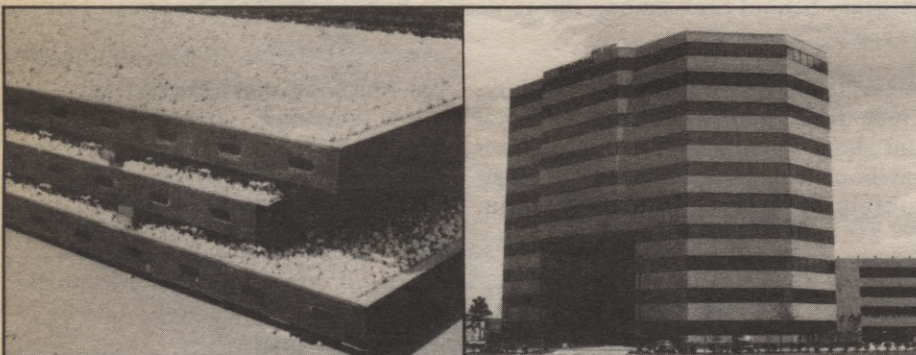
was a stepped affair which fronts boldly on the major public square but grants primacy to its smaller neighbors. Also, the jury lauded the combination of intimate galleries, grand halls and artificial and natural light into "an ingeniously organized" entity.

Museum facilities include a 200-seat auditorium, a library, a museum shop, office and storage space, all "graced by an extraordinary quality of space and light."

Homes have 'high-tech' images

The four-unit, beach-area Pacific Townhouses are set in a dense urban residential district. Interior living space and outdoor deck space were maximized to compensate for the density, and views were provided from the elevated living and dining room. The jury said the project offers "a new vision of post industrial housing" with its "high-tech, industrial images."

The burnt-out ruins of a large, neo-Romanesque church are at the heart of a Victorian-style neighborhood in the Church Court Condominiums. Three townhouses were formed behind the church's brick facade, and seven sto-



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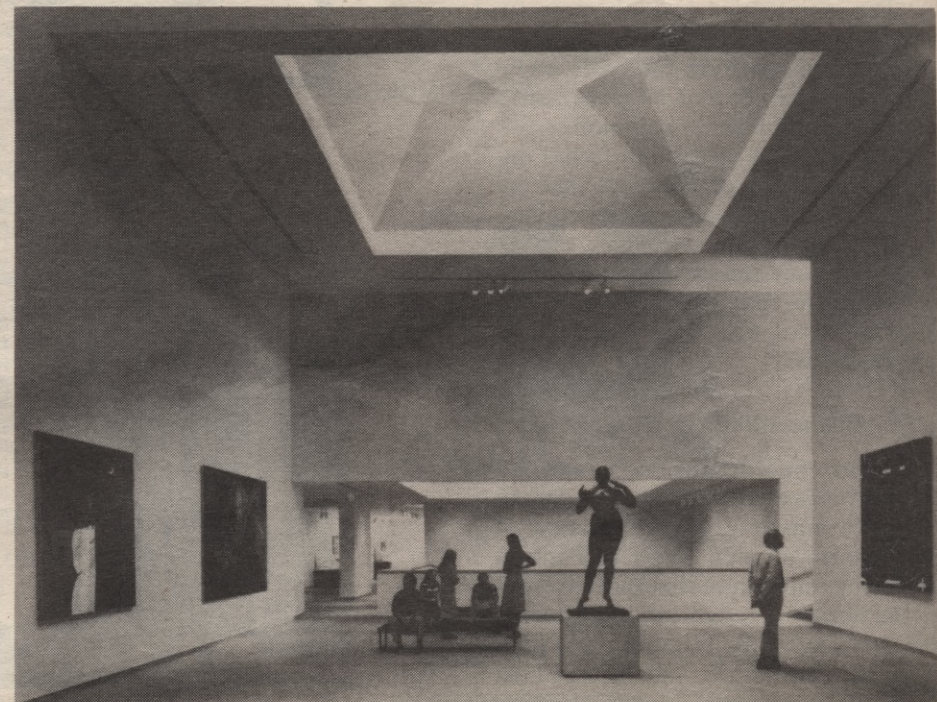


Exhibit spaces in I.M. Pei's Portland Museum of Art use natural light from domed clerestories to illuminate art and draw visitors through the museum.

ries of accompanying condominiums went on the opposite corner of the site. Jurors called it "a masterpiece of contextual design."

Tidewater House is a four-pavilion weekend and summer residence that "capitalizes on its picturesque tidewater site through its freshness, simplicity and restrained profile against the sky," the jury said. When unoccupied, the home's glass exterior is protected by floor-to-ceiling shutters; when the shutters are in the horizontal position, they serve as sunscreens to create a mosaic of light on the stone terraces and floor. Jurors cited the house for "admirable modesty, skillful composition and detailing, and perfect compatibility with climate."

State-of-the-art passive solar heating and ventilation are major features at Roosevelt Solar Village, deemed by the jury, "a sensitive...and imaginative response to the special needs of the elderly." There are 21 attached, one-story cottages enclosed by a wood lattice fence. A three-story brick community center contrasts with the shin-

gle dwellings and serves as the social and architectural focal point.

Residence at Chilmark on Martha's Vineyard is a private summer residence on one of the island's higher points with commanding water views in three directions. The traditional seaside architecture which evolved during the 1870s is emphasized, with a gently flared hipped roof, dormers, bay windows and subseamed porches. The traditional treatment is augmented by an inventive exterior treatment introducing vitality and openness to the design and the home.

Members of the 1985 Honor Awards Jury were: James Stewart Polshek, FAIA, New York City, chairman; Alejandro Barberena, AIA, associate member, Austin, Texas; Thomas L. Bosworth, FAIA, Seattle; Robert Campbell, Cambridge, Massachusetts; William H. Grover, AIA, Essex, Connecticut; James Kalsbeek, Cincinnati; O. Jack Mitchell, FAIA, Houston; Roger Schluntz, AIA, Tempe, Arizona; and Harry Weese, FAIA, Chicago.



Graham Gund Associates of Massachusetts fashioned Church Court Condominiums around the ruins of a 19th-century Boston church.

AIA honors sculptor, writer for design influence

Six individuals, four organizations and one event — the 1984 Summer Olympics in Los Angeles — are winners of The American Institute of Architects' 1985 Institute Honors, recognizing their "distinguished achievements that enhance or influence the environment and the architectural profession."

Ward Bennett, New York City-based designer of pottery, tableware, interiors and sculpture, was cited for transforming "industrial hardware into sublime objects and creating a new vocabulary for the whole design profession."

Kenneth Frampton, professor of architecture at Columbia University and an architecture critic and historian, was praised by the awards jury as a "major intellectual force in the development of modern architecture" for two decades.

The more than 50 years devoted by

Esther McCoy, a Los Angeles architectural writer, to study and chronicling of the history of Southern California's architects and architecture earned her an award.

One of the nation's "most gifted and skilled" architectural photographers, Norman McGrath of New York City, was lauded for using dynamic composition "to heighten a sense of drama" and make one building seem like "a delicate crystalline jewel, another cavernous and still another like the rock it sits on."

Another award went to U.S. Rep. John Seiberling (D-Ohio), chairman of the House Interior Subcommittee on Public Lands and National Parks, recognizing his sponsorship of key legislation to protect the environment and preserve the nation's natural and historic heritage.

Nick Wheeler of Townsend Harbor, Massachusetts, was praised as "an ar-

chitect's photographer" whose skills exhibited here and abroad have consistently produced "graphically powerful images without obscuring the visual reality of the architecture."

"Excellent" efforts to save and restore Central Park — "a landmark in urban design" — earned an award for the Central Park Conservancy and the New York City Department of Parks and Recreation.

Also honored was Cranbrook Academy of Art, Bloomfield Hills, Michigan, co-founded and designed by Finnish-American architect Eliel Saarinen in 1932. Its achievements as "the quintessential school of visual arts" (including architecture) for more than 50 years and "the integrity of its educational philosophy" were cited by the jury.

Weidlinger Associates, the New York City engineering firm that perfected use of computer technology in

structural design, was cited for its achievements, which also include America's first pneumatic roof and pioneering designs for air-supported, tensile, prefabricated and long-span truss structures.

The award to the Olympics noted that the games provided "a proud moment for American design." Jurors cited "the extraordinary and quite unexpected look of the games" bringing together athletic and cultural sites scattered across Los Angeles.

Chairman of the Institute Honors jury was Robert Geddes, FAIA, Princeton, New Jersey. Other members were: Peter Bohlin, FAIA, Wilkes-Barre, Pennsylvania; Thomas R. Vreeland, FAIA, Los Angeles; Massimo Vignelli, New York City; Steven Oles, AIA, Newton, Massachusetts; Roslyn Brandt, Associate AIA, New York City; and Nursel Erdener, Jackson, Mississippi.

85 architects become members of AIA's College of Fellows

The American Institute of Architects has advanced 85 of its members to the Institute's College of Fellows for their "notable contributions to the profession."

Fellowship in the AIA is conferred on members of 10 years' good standing who have made significant contributions to the advancement of the profession in areas such as architectural practice, construction, design, education, government or industry, historic preservation, literature, public service, research, service to the profession or urban design.

Advancement to the College of Fellows is the highest honor the AIA can bestow on any member with the exception of the Gold Medal, which may be presented to an architect from any nation.

The new Fellows will be invested into the College of Fellows Monday June 10, at the 1985 AIA National Convention in San Francisco.

New AIA Fellows for 1985 are:

A. Notley Alford, FAIA

Lorenz & Williams
Dayton, Ohio
Dayton Chapter

Robert E. Allen, FAIA

Bull Volkmann Stockwell
San Francisco, California
San Francisco Chapter
Robert Edward Allen, FAIA
The Allen/Buie Partnership Inc.
Longview, Texas
Northeast Texas Chapter

J. Timothy Anderson, FAIA

J. Timothy Anderson & Associates
Cambridge, Massachusetts
Boston Society Chapter
George Anselevicius, FAIA
School of Architecture & Planning
University of New Mexico
Albuquerque Chapter

Ray Bedford Bailey, FAIA

Houston, Texas
Houston Chapter

Louis J. Bakanowsky, FAIA

Cambridge Seven Associates, Inc.

Cambridge, Massachusetts

Boston Society Chapter

Robert Mark Beckley, FAIA

Beckley/Myers, Architects
Milwaukee, Wisconsin
Wisconsin Chapter

M. Wayne Bell, FAIA

Bell, Klein & Hoffman
Austin, Texas
Austin Chapter

Fredric A. Benedict, FAIA

Benedict, Sutherland,
Dueterberg, Ltd.
Aspen, Colorado
Colorado West Chapter

William A. Bowersox, FAIA

Ittner & Bowersox Inc.
St. Louis, Missouri
St. Louis Chapter

Martin Gerald Brixen, FAIA

Salt Lake City, Utah
Salt Lake Chapter

Kenneth R. Brown, FAIA

Honolulu, Hawaii
Hawaii Society Chapter

Richard S. Bundy, FAIA

Ralph Bradshaw/Richard Bundy
& Associates
San Diego, California
San Diego Chapter

Charles Hamilton Burnette, FAIA

Charles Burnette & Associates
Philadelphia, Pennsylvania
Philadelphia Chapter

Rodger Burson, FAIA

Dallas, Texas
Dallas Chapter

H. Kennard Bussard, FAIA

Bussard/Dikis Associates Ltd.
Des Moines, Iowa

Arne Bystrom, FAIA

Seattle, Washington
Seattle Chapter

Dean Blake Chambliss, FAIA

Chambliss Associates/Architects
Grand Junction, Colorado
Colorado West Chapter