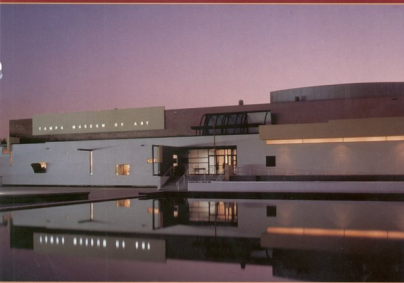


SPECIAL ISSUE



1995 AWARDS FOR EXCELLENCE IN ARCHITECTURE



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Orlando Science Center
Orlando, Florida

Helman Hurley Charvat Peacock/Architects, Inc.
Maitland, Florida

Media: Subject painted in
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photo



Orni Rosen Hotel
Orlando, Florida

Helman Hurley Charvat Peacock/Architects, Inc.
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Vol. 42, No. 3

Cover: Tampa Museum of Art, Tampa, Florida. Photo: George A. Cott, Chroma Inc., recipient of AIA Florida's 1995 Architectural Photographer of the Year Award.

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Florida Architect, Official Journal of the Florida Association of the American Institute of Architects, is owned and published by the Association, a Florida Corporation not for profit, 104E-0005-2062. It is published four times a year at the Executive Office of the Association, 104 East Jefferson St., Tallahassee, Florida 32301. Telephone (904) 222-7500.

Opinions expressed by contributors are not necessarily those of the FFAA. Editorial material may be reprinted only with the express permission of *Florida Architect*. Single copies, \$4.00; Annual subscription, \$20.00. Third class postage.

This year's Awards for Excellence in Architecture were presented at the AIA Florida Summer Conference at the Breakers Hotel in Palm Beach. Although every award recipient is deserving of feature recognition, limited space allows us only a brief admiring look at each.

Unbuilt Design Awards went to stand-out projects by Carl Abbott FAIA Architect/Planners; Andrea Clark Brown Architects, PA.; Axioma_3 Inc. Gould Evans Associates; Robbins, Bell & Kreher, Architects, Inc. (two projects); and Spencer and Jonnatti Architects, Inc.

The Test of Time Award recognized Lemontree Village, built by Charles Harrison Pawley, FALA, in 1970. Also satisfying the test of time was the Orlando firm of Hurston Brady Pryor Maso, honored as Firm of the Year.

Judges for this year's built awards were Peter Bohlin, FAIA, Bohlin, Cywinski and Jackson, Wilkes Barre, Pa.; Lloyd Bray, AIA, Scogin Elam and Bray, Atlanta; and Greg Peirce, AIA, Heery International, Atlanta. They focused on imaginative but practical design solutions involving social and educational as well as aesthetic and architectural issues.

Except perhaps for Alfonso Architects, Inc.'s project to give a new "face" to the Tampa Museum of Art, which appropriately tries to raise the aesthetic consciousness of its visitors (its esoteric design approach investigates "a departure on El Lissitzky's Proun Series ideas"), this year's award-recipients have a decidedly un-self-conscious air about them.

Smith Architectural Group's restoration and addition to a 1922 Addison Mizner house renewed the charm and grace of a 70-something former beauty, combining restoration, renovation, and compatible additions to yield a historic architectural ambience melded with modern conveniences.

Peter Moor and Mary Juckiewicz designed a home for themselves to adapt the best features of the American wood-frame heritage to the tropical environment of a South Florida beach community. Moor judges their success by the fact that people walking by think it is an old house newly renovated. "Nice house," they say.

In developing St. Hugh Oaks, a program of 23 detached, moderately priced single-family residences in Coconut Grove for the City of Miami, Andres Duany & Elizabeth Plater-Zyberk Architects and Town Planners listened to city representatives, neighborhood leaders, and prospective buyers. The result was a model development.

The Pinecrest Elementary School addition was just what the 40-year-old school needed to prepare students for the next century. Besides adding spacious media facilities, the built environment was designed by Martinson Forbes Architects to be comfortable as well as stimulating for young children.

Schwab, Twitty & Hansen created three "human-scale" buildings to house the Dorothy F. Schmidt Arts & Humanities Center on the Florida Atlantic University campus. Their solution not only preserved a nesting site for the protected Barrowing Owl but established a campus quadrangle where students gather.

The Astronauts Memorial Foundation Center for Space Education was designed by Hellmuth Obata & Kassabaum, Inc. to promote and inspire interest in space technology education while serving as a living memorial to U.S. Astronauts who give their lives in the space program. **MB**

Florida Architect serves the profession by providing current information on design, practice management, technology, environment, energy, preservation and development of communities, construction, finance, economics, as well as other political, social, and cultural issues that impact the field.

Something Old, Something New— Creating Traditions AIA Florida Style

"Creating Traditions" was the theme of this year's AIA Florida Summer Conference at the Breakers in Palm Beach, and with attendance at the highest level in many years it is hoped that the theme will become a reality.

The state-mandated continuing education program was in the spotlight as Florida architects began taking seminars and workshops which they will need to accrue continuing education hours (CEHs) to meet relicensure requirements. The Summer Conference weekend alone provided the opportunity to acquire eight CEHs. A tight schedule and popular topics contributed to a flurry of activity and enthusiasm.

Seminars began Friday morning with Design Presentation Practice by Lloyd Bray, AIA, of Scogin Elam and Bray, Atlanta. Bray was a member of the AIA Florida Awards for Excellence in Architecture jury this May.

The second day of seminars led off with futuristic Imaginering by Walt Disney's Vice President Bill Sims. Sims, an architect who splits his time between Orlando and California, delighted the audience with his discussion of the efforts of over 300 Disney Imagineers in the areas of architecture, urban design, landscaping, show set design, show lighting, interior design, graphic design and facilities engineering to study and design attractions utilizing "Virtual Reality" computer techniques.

Other well-attended seminars focused on a number of interesting and important topics. Larry Schneider, AIA, and Ellen Harland from the Department of Justice reviewed the latest

Americans with Disabilities Act rulings and acceptable designs; Jim Franklin, FIAA, resident Fellow at the National AIA, spoke on Interiors as a market niche and Regaining Project Leadership; and Robert Craine, P.E., and Thomas Munson, with Tilden, Lohnitz & Cooper, presented Electronic Technology for the Global Market Place.

This year's annual Honor Awards programs recognized outstanding architects and community leaders for their professionalism and community service. The Hiliard T. Smith Silver Medal for Community Service went to Enrique A. Woodruffe, AIA, of Tampa; the Anthony L. Pullara Individual Award to Herbert Rosser Savage, AIA, Marco Island; the Award for Honor in Design to Edward J. Seibert, AIA, Sarasota; the Architectural Photographer of the Year Award to George A. Cott, Chroma, Inc., Tampa; the Outstanding Builder Award to Jim Phillips of Waas-Phillips Construction Company, Miami; and former Tampa Mayor, Sandra Wiesaw Freedman, received the Bob Graham Architectural Awareness Award. VOA Associates, Orlando, received the President's Award for computer graphics created by Jay Guthrie.

The highest honor that can be bestowed upon a Florida architect, the Gold Medal, was awarded to Carl Gerken, AIA, of Ormond Beach. Mr. Gerken was recognized for exceptional leadership over many years of AIA Florida's history.

Projects, built and unbuilt, recognized for Awards for Excellence and for outstanding design were highlighted in a special reception program closing the conference. Those projects that received recognition for their contribution to excellence in architecture are highlighted in this issue.

This year the Test of Time Award went to Lemontree



Attending the reception for Past Presidents at the Breakers in Palm Beach are, from left to right, back row: Henry Alexander, AIA; John Barley, FIAA; Ray Scott, AIA; Carl Gerken, AIA; Jim Austin, FIAA; Jim Jenuwein, FIAA; Mark Jarszewicz, FIAA; front row: John Tice, AIA; and Herb Savage, AIA.



Ray Barr-Kumar, FIAA, President Elect of National AIA enjoys the Intercoastal Waterway tour with his wife, Bernadette and AIA Florida's Jim Austin, FIAA, 1995 Secretary of National AIA.



Recipients of the Awards of Honor are, from left to right: George Cott, Jiro Iates, Kelley Roberts, Jim Phillips, Sandra Wiesaw Freedman, Henry Woodruffe, AIA, Jay Guthrie, and Herb Savage, AIA.

Village, a 1970 Coconut Grove development by Charles Harrison Pawley, FAIA. Lemontree Village was recognized for its longevity and influence on subsequent architecture.

The 1995 Firm of the Year Award was presented to Hutton Brady Pryor Mason Architects, Orlando, for a sustained body of work over and beyond a ten-year period.

Special Thanks

The Summer Conference represented the cumulative effort of many volunteers throughout the state and especially in Palm Beach. Martha Smythe and the Palm Beach Chapter hosted the very popular Architects at Home Dinners. A special thanks to Conference Committee Chair Randy Hansen, AIA, Palm Beach; and Committee members Don Yoshino, AIA, Palm Beach; Debra Lupton, AIA, Orlando; and Michael Rodriguez, AIA, Miami. Others who helped with planning and registration include Robert Strehle (& Crew), CSR Rinker; Dick and Reagan Reep, AIA, Jacksonville; Betty Allen, Tallahassee; Pat Blizard, Tampa; Judy Tice, Pensacola; Joe Garcia, AIA, Gainesville; and Enrique Woodruff, AIA, Tampa. Computer graphics for the conference were donated by VOA and Jay Guherie.

Also deserving thanks for their contributions toward a very successful conference are the Continuing Education Development Committee, headed by Roy Knight; the Nominations Committee and the Awards of Honor Committee, both chaired by John Tice; the Design Awards Committee, chaired by Bruce Gorn, the Gold Medal Committee, chaired by Ted Pappas, the Fellows Committee chaired by Jim Anstis, and the Annual Meeting Committee, also chaired by Randy Hansen.

Congratulations New Officers

John Cochran, AIA, a Senior Vice President with Harvard Jolly Cies Toppe Architects, P.A., Tampa, was elected President Elect for 1996 and will serve as AIA Florida President in 1997. John has been involved in the AIA at local and state levels since the early 1980s. He has progressed through various offices of AIA Tampa Bay and served as the President in 1988. He has served as Vice President of AIA Florida and Chair of the Political Effectiveness Commission for the last two years.

Also elected were two Vice Presidents, Debra Lupton, AIA, Orlando, Tilden Lobnitz & Cooper, and Ivan Johnson, AIA, Tallahassee, Johnson Peterson Architects, Tallahassee and Sarasota. They will assume office in January 1996 when John Cochran, AIA, and Roy Knight, AIA, will complete their terms of office.

Continuing Education Update

The Florida Board of Architecture and Interior Design (BOAID) has approved guidelines for its continuing education requirements; however, compliance could be difficult for Florida licensed architects who do not live in the state. Florida legislators approved the requirement for continuing education in 1994, and BOAID approved rules of implementation in February 1995. To be eligible for license renewal, architects licensed in Florida will have to sign an affidavit in February 1997 that they have completed 20 continuing education hours (CEHs) over the prior two-year period.

The difficulty for out-of-state Florida licensed architects is that the courses and course providers must be certified by the Florida Board. So far, only AIA Florida and a few other in-state providers have had courses certified. The Board did approve automatic provider status to the American Institute of Architects (National office), the National Council of Architectural Registration Boards, the Construction Specification Institute and all NAAB accredited schools of architecture in the country, but at this writing only NCARB has submitted courses for certification.

Until more courses are available, out-of-state Florida licensees who wish to maintain their licenses will have several choices. They may, of course, travel to a location in Florida where courses are offered. They may elect to allow their license to become inactive, pay the \$50 inactive fee, and wait until they need to reactivate. Reactivation would require an affidavit of compliance with the continuing education requirements.

The Board did include a provision that allows licensees to self-apply for certification of courses they have taken for which there was no approved provider. This provision allows groups of licensees to submit a course together under a single \$25 fee and application.

For licensees living in states which also require continuing education as a condition for licensure, the Florida guidelines recognize credits received from other NCARB jurisdictions, as long as course standards, providers and contact hours, as established in Florida, are met. The problem with this provision is it implies that those other states would need to meet with Florida's requirements in order for architects to use the implied exemption from Florida require-

ments. The Florida Board is currently studying this provision and will probably analyze each state's requirements separately to determine whether they are substantially the same as Florida's.

AIA Florida continues to inform the Board of the difficulties these guidelines will mean to out-of-state licensees and has offered suggested alternatives. Now that the guidelines have been published, the state organization will proceed in working toward changes that will make the requirements more reasonable for their licensees.

Statement Allowing Engineers to Design Buildings Put to the Test

The Florida Division of Administrative Hearings has scheduled a hearing for October 16 in Tallahassee to hear a petition by AIA Florida against the Board of Professional Engineers (BOPE) concerning the legality of the board's statement allowing engineers to design buildings.

AIA Florida is challenging the BOPE statement, which was adopted in 1990, on the basis that it was never promulgated as a rule as required by Florida Statutes. The statutes provide that a rule is an "agency statement of general applicability that implements, interprets, or prescribes law or policy." AIA Florida, in its petition, says BOPE failed to comply with notice provisions or to give affected persons an opportunity to present evidence and argument on issues under consideration prior to adoption.

AIA Florida says that its members are substantially affected by the BOPE statement because, if allowed to stand, it would permit engineers to practice architecture without any limitations, in direct contravention of Florida law. Further, the

Continued on Page 27



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Industrial Window System Passes Dade County "Torture" Tests

A top-hinged industrial/heavy commercial window system manufactured by EXTECH/Exterior Technologies, Inc. is the first industrial window to pass the demanding new Dade County test requirements. Several of EXTECH's fixed window skylight systems, which are used as primary windows or as inner- or overlappings for existing windows, meet the new, upgraded building codes enacted in the wake of Hurricane Andrew. The windows offer protection from storms as well as from vandalism and forced entry.

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Contact Terry Sparks, Terrazzo & Marble Supply Companies, (312) 471-0700; FAX (312) 471-0010.

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"SentryGlas" composite is a single sheet of glass factory-laminated to a bi-layer composite of Dupont's "Butacite" polyvinyl butyral interlayer and a strong polyester film with abrasion-resistant coating. When hit by an external force, the laminated layer stops any broken pieces from entering the interior and protects from spalling that occurs on the opposite side of the impact.

The single pane "SentryGlas" composite fits into standard window frames without adding significant weight or thickness. It offers continuous UV radiation protection and reduces glare and fading without compromising daylight or clarity.

Contact Terry Cresoy, DuPont, (313) 583-8102.



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Decorative Windows

This year Peachtree Doors and Windows is introducing decorative glazings in three new window models and in three different series of transoms and sidelights. Baroque "stained glass," cascading water glass, and frosted-look glue-chip glass-



ings offer three unique looks. All can be combined with brass casing, sandwiching the decorative glass between sheets of tempered glass.

Contact Peachtree Doors, Inc., 4350 Peachtree Industrial Blvd., Norcross, GA 30071. For the nearest Peachtree dealer, call 1-800-477-6544.

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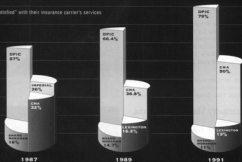
A new technique of applied design benefits designers, building owners, contractors, leasing agents, and tenants. The method allows the creation of custom artwork for elevator hatchway doors, metal panels, and signage.

Stuart-Dean Co., Inc., metal maintenance and marble restoration specialists, developed the technique to offer flexibility for modernizing as well as for customizing doors with tenants' logos and lettering. Redesign can be done on site and overnight, saving time and expensive installation and transportation costs. The applied design is totally refinable, replaceable, and restorable. The procedure may be applied to any metal surface, offering limitless creative possibilities.

Contact John Gauglino, President, Stuart-Dean Co., Inc., (212) 695-3180.

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UNBUILT DESIGN AWARDS

National Hurricane Center

Miami, Florida

Gould Evans Associates

This simple, efficient building was designed as a fortress to protect its vital internal operations during major events. All details were designed to withstand 130 mph winds without damage. Roll-down shutters, jalousie shutters, or storm panels for all openings supplement the 10" thick concrete shells. Although materials and systems selected have a higher initial cost, maintenance costs will be minimal.

Jury: "This is a strong plan, very seriously thought out and well developed, which organizes functions well. It demonstrates great imaging for function. This designer deserves watching."



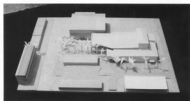
Naples Players Community Theater and Plaza

Naples, Florida

Andrea Clark Brown Architects, P.A.

In a unique public-private partnership, the city of Naples has agreed to close a cross street and construct a 100' x 80' public plaza, while the 400-seat theater will be built by the Naples Players, a local theater group.

Jury: "This is a good piece of urban design, with the kind of wonderful interior/exterior relationships we would expect in Florida. The hall is lovely, with lots of doors, places to congregate, and excellent connections to the exterior. The exterior spaces represent an extraordinary gift to the community."



High School "BBB"

Hillsborough County Public Schools

Robbins, Bell & Kreher, Architects Inc.

Planned for a site designated 42 percent unbuildable through environmental regulations, the design approach reduced environmental impact significantly through proactive use of the site, consolidating the building and impervious areas, and using the wetlands as an educational resource.

Jury: "This is a thoughtful high school project. The building creates a sense of place within a fragile environment. The plan is well organized, and the strategy of keeping all the classrooms in a regular geometry, having the gardens interlace, and using the cafeteria, auditorium, and other elements to act as figural pieces or objects is highly successful."



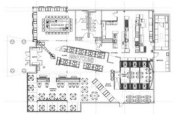
Foster's Hollywood Restaurant

Seminole County, Florida

Spencer and Jonnatti Architects, Inc.

This 7,000 sq. ft., 225-seat restaurant facility is designed to be repeated with minimal modifications on many sites. Rectangular, with a barrel-vaulted roof modified by tower, entry, and window-wall elements, the restaurant was designed to be partially manufactured off-site, facilitating quick erection. The interior will be fit out with "sets" manufactured off-site by movie set makers and installed in the shell building. Sets will be easily replaceable for updating.

Jury: "Here is a mature, understated exterior approach with a very playful interior statement. It is all wonderfully modest in its means. The owner should be recognized for sponsoring a commercial project of such quality."





Wormhole Pedestrian Bridge Museum of Science and Industry

Tampa, Florida

Robbins Bell & Kreher Architects Inc.

A pedestrian and bike bridge connects the new world-class museum building (designed by Antoine Predock) with a science elementary school proposed for the USF campus across the street. The structure is a steel exoskeleton dynamic truss wormhole that arcs between two concrete mass bases to form the spanning component of the bridges. The walking surface and inner tube are steel grate and mesh, allowing complete transparency. At night, artificial lighting transforms the image with color and movement.

Jury Comments: "This is not only a strong graphic gesture but is intriguing, quite dynamic, and very compatible with the Predock museum complex. The idea of connecting parts of a museum campus is very strong, and this bridge as a school experience is terrific."



Grove House

Coconut Grove, Florida

Axioma_3, Inc.

This single-family residence is understood and designed as an integral part of the suburban street. The L-shaped scheme not only defines the 90-degree edge of the property but maximizes usable exterior spaces and permits the interior spaces to focus externally toward a series of centralized, descending platforms designed for living and entertaining.

Jury: "In this well-planned, simple L-shaped house, the sense of materials plays well and contributes to the project's strength. It is quite beautiful, the work of a skilled designer. There is an interesting fit within the neighborhood."



Student Center of University of South Florida/Sarasota Campus

Sarasota, Florida

Carl Abbott FAIA Architect/Planners, P.A.

Intended to develop a strong visual architectural presence, this building forms a space with existing structures, responds to a campus master plan, and is oriented to existing pedestrian circulation patterns. Inviting terraces, an exciting roof form, and an open pavilion encourage social and community interaction.

Jury: "This is a small project but quite engaging. It introduces a nice gesture on campus by creating an overall spatial condition, a feeling of being right for the campus."

Hunton Brady Pryor Maso

Orlando



First row, L to R: Maurizio J. Maso, AIA; Fred H. Pryor, Jr., AIA; Tom R. Hunton, AIA; Clyde A. Brady III, FAIA. Second row, L to R: Sandra Moore, Heather Boyle, Sheri Shelnutt, Nancy Danner, Don DiBernardo, Betsy Daily, Carlos Barrios, Steve Bloomdahl, Suzanne Perez, Dawn Hetzer. Third row, L to R: Ann McMacken, Mike Caruso, Roland Ulenze, Andy Sexton, Bob Pendle, Jesse Agers, Karen Peterson, Felix Gonzales, Ken Eilers, Lee Miniccia, Pete Pritchard, Fran Shaw, Bill Condon, Steve Bellflower, Chris Nemethy, Dan Nicholas.

From its beginning in 1947 as the one-man practice of Robert Murphy, the firm has been committed to practicing architecture by listening carefully to clients, dealing fairly with associates in the construction trades, and creating spaces that are uplifting to their users. The judges' declaration that "They represent the profession very well" acknowledges the firm's success in these endeavors.

By 1974, partners included Murphy, Tom Hunton, Claude Shivers, and Clyde Brady. Shivers, whose skills in residential design were well suited to Orlando's boom in apartment development, died in 1984.

The following year Hunton and Brady merged the firm with two Tampa-based firms to form the Design Arts Group. In the fall of 1988, they separated from DAG and, together with Fred Pryor and Maurizio Maso, formed the current firm.

Active AIA members since the early 1970s, the firm was first recognized by the Orlando chapter for design excellence in 1971.

Clients through the years have shown their appreciation by repeat business and hearty recommendations. Peer recognition has come by way of numerous local, state, and national awards. A list of projects hints at their scope and

versatility—medical facilities, office centers, financial institutions, state and county buildings, educational facilities on four community college and two university campuses, K-12 schools, oceanfront condominiums, churches, and, occasionally, residences.

In 1990 the "Team Disney" Corporate Headquarters (1990) (with Arata Isozaki, Tokyo) garnered national as well as local honors and attention. Another 1990 project, the Orange County Juvenile Justice Center, won chapter awards and high praise locally for being "humane," "a clear solution," an "almost chapel-like space." The firm's largest

project to date, a 1.6 million s.f. addition to the Orange County Convention Center, is due for completion late this year.

What judges called the firm's "good design and depth," has earned HBPM coverage in numerous professional publications. The firm, said judges, is "amazingly consistent" for producing high-quality work, and whether the project is small or large, "the quality is still there."

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The firm, said Judges, is "amazingly consistent" for producing high-quality work, and whether the project is small or large, "the quality is still there."

him the role of "designer" of many of the firm's commissions. In 1992 he was elected to the College of Fellows. He continues a strong affiliation with his alma mater, the University of Florida, and in 1994 received their College of Architecture Distinguished Alumni Award. A strong promoter of the arts, he has pushed for many years to strengthen public art in Orlando. His sketches and designs have been exhibited locally, and his "Churches of Europe" poster received an AIA Florida Graphic Award in 1992.

Fred H. Pryor, AIA, directs the firm's management efforts and serves as principal in charge of many major projects. Schooled at the University of Arkansas, he joined the predecessor firm in 1982. In recent years he has been active on numerous boards and committees related to the construction industry and is the current chairman of the Orange County Building and Fire Codes Board of Appeals and Adjustments. His active membership on the Town of Windermere Historic Preservation Board has greatly contributed to that community's successful preservation efforts.

Maurizio J. Maso, AIA, who joined the firm in 1983, is in charge of the firm's programming and master planning projects and also has been the designer of many notable projects. He attended engineering school at Politecnico di Milano and studied architecture at the University of Florida. He frequently serves on architectural juries and conducts lectures and has been active on the AIA Florida Design Awards Committee for many years. ■

architectural community has benefited from HBPM service on AIA boards and committees as well as educational activities including architectural juries, sponsored lecture series, and charettes.

Tom R. Hunton, AIA, with the predecessor firm since 1961, is the firm's administrator and is principal in charge of all medical projects awarded to the firm. Educated at the University of Nebraska, Hunton came to Orlando as an Air Force officer. In the early sixties, his experience with schools and health-care facilities helped the firm expand its practice in those markets. He has been active on boards and foundations that support a variety of church, cultural, civic, educational, and professional endeavors. Currently, he is chairman of AIA Florida's Political Action Committee.

Clyde A. Brady III, FAIA, joined the predecessor firm in 1968. Early on, his extraordinary ability in conceptual design and sketching landed

Tampa Museum of Art

Tampa, Florida

Alfonso Architects, Inc.

The Tampa Museum of Art's new "face" is part of a program to establish the museum's identity as one of the state's up and coming art facilities. With its sophisticated design combining color and clean, abstract forms, the museum has become a centerpiece for the Arts District being developed along Ashley Drive.

The project added a new façade, entry lobby, gallery, shop, library, and sculpture court to the existing structure. The 6,000 sf addition is treated as a primary solid urban block and is rendered as a carved abstract. As each plane is carved and rotated, a process of distortion occurs, thus a change in material and section. Where the rotation is a result of program, a change in color occurs; when the rotation is a result of an axial or spatial condition in which to introduce light, the materiality of the plane is altered and deformation occurs.

Inside, the aim was the creation of nonstatic wall spaces for exhibiting works of art. The project attempts to take interior spatial manipulations and turn them inside out, while responding to the disciplines of program, space, and light.

Jury: "The architect gave the museum a new identity... looks like a piece of art as well as a museum—sophisticated, strong... done with great sensibility and finesse."

Architect:

Alfonso Architects, Inc.

Consulting Engineer:

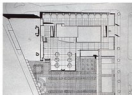
Stephen Whitehouse Engineers

Contractor:

The Diaz/Pritz Group, Inc.

Owner: Tampa Museum of Art

Photographs: George Cotti, Chroma, Inc.



Dorothy F. Schmidt Arts & Humanities Center

Florida Atlantic University, Boca Raton, Florida

Schwab, Twitty & Hanser

A single large donation and matching State of Florida funding enabled Florida Atlantic University to expand its arts and humanities programs and to construct this exceptional academic facility.

The original program envisioned a single large building at a remote site that was also an environmentally sensitive area. The final design solution created three separate structures linked with an existing amphitheater around a unifying quadrangle, providing a much-needed focus on campus. (It also provided for nesting sites of the Burrowing Owl, a protected species.) The one- and two-story buildings are concrete unit masonry structures with stucco exteriors. State-of-the-art mechanical and electrical systems are fed through a utility tunnel providing chilled water, power, and communications.

The Performing Arts Center includes an art gallery, an experimental "black-box" theater designed for teaching as well as performances, and a tiered lecture hall. The Visual Arts Center accommodates seven functional studio spaces with natural lighting. The Humanities Instruction Center, with administrative, conference, and classroom spaces, functions like an office building. Public areas feature high-quality finishes, while studio spaces were given appropriate industrial-quality finishes. Each building was given a unique visual expression in accordance with its particular needs.

Jury: "... simple forms and a nice plan. The three buildings work together with deftly handled, simple shapes. The organization reinforces the relationships of several buildings... solid, restrained execution on the inside as well as the outside."



Architect:

Schwab, Twitty & Hanser

Structural Engineer: O'Donnell, Naccarato & Mignogna

Civil Engineer: Adair & Brady

Landscape Architect: SWA

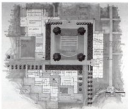
Contractor:

Mycon Corporation

Owner:

Florida Atlantic University

Photographs: Everett & Soule



135 Grace Trail (Restoration and Addition to a 1922 Addison Mizner House)

Palm Beach, Florida

Smith Architectural Group, Inc.

Bringing this house into the 1990s while retaining the original charm and architectural style of the 1920s design posed multiple challenges for the architect. Not only had time served this structure badly, but the house had suffered many years of neglect.

Guided by the new owner's requirements, this project was successful in accomplishing a first-rate renovation and restoration with compatible additions. The result is a historic architectural ambience complemented by modern conveniences.

Additions included a master bedroom wing, a two-story garage with a guest apartment above, and a building-enclosed courtyard. A restored tile fountain became the focal point of the courtyard. An original screened loggia was modified to permit air conditioning of the space, while column spacing and rhythm were restructured to accommodate French doors with transoms.

The original staff bedrooms were converted into a new kitchen, pantry, laundry, and a breakfast room with a portico overlooking the courtyard. The old library became a study, the old kitchen and pantry a new dining room, and the old dining room (a 1923 addition) a library.

Jury: "The architect added a lot, but you have to look hard to see what is old and what is new. The additions reinforce and amplify the original flavor. The landscaping architecture is done so well that it looks original although it was added during restoration. The total result is better and more complete than the original."



Architect: Smith Architectural Group, Inc.
Consulting Engineer: Carmo Engineering Associates, Inc.
Landscape Architect: Smith Architectural Group, Inc.
Contractor: Davis General Contracting Corp.

Photographs: Sargent Architectural Photography



Astronauts Memorial Foundation Center for Space Education

Kennedy Space Center, Florida

**Helmut Obata &
Kassabaum, Inc.**

Conceived as a living memorial to U.S. Astronauts who lost their lives in the space program, the 40,000 sf Center for Space Education is located at Spaceport USA, the visitors' facility at the Kennedy Space Center. Flexibility was the key criterion in its organization and design. Areas were needed to house a changing array of exhibits and educational programs, including large, complex space science demonstrations. More traditional spaces were needed for NASA and Foundation staff offices and activities, and to house extensive slide and video collections. The open-ended linear plan accommodates the needed variety of clear span flexible spaces.

The center bay was designed for the NASA demonstration programs and the Foundation's Education Innovation Center. The high bay space, with exterior vehicular access, allows real space hardware to be exhibited. The two parallel corridors are open-ended to allow for expansion with the fixed elements between them and the more flexible spaces on the perimeter.

While the center is dedicated to fostering excellence in space education, math, and science technology, the expression of structure, enclosure, and the internal delivery systems for air, water, and light incorporate a further educational aspect: The building itself becomes a part of the learning experience. Students inside can visually understand the building systems and the built environment.

Jury: "...nice palette, shows great finesse, and is handsomely detailed to commemorate and memorialize astronauts. It also succeeds in promoting the idea of an education facili-



ty that creates interest in and looks to the future of space exploration."

Architect: Helmut Obata & Kassabaum, Inc.
Consulting Engineers: Tilden Lobnitz & Cooper; Greiner, Inc.; Dyer, Riddle, Mills & Precourt, Inc.
Landscape Architect: HOK, Inc.
Interior Designer: HOK, Inc.
Owner: Astronauts Memorial Foundation

Photographs: George Coll, Chroma, Inc.



Moor-Juckiewicz Residence

Vero Beach, Florida

**Moor & Associates,
Architects, P.A.**

Architects Peter Moor and Mary Juckiewicz designed this single-family home for themselves. Intent on its "fitting in" to a beachside suburban community, they sited the house as close to the street as possible, a response to suburban "rules."

Having decided to work within "the American wood frame tradition," they started by looking at Florida Cracker houses to see how they are uniquely suited to the tropical climate. They chose rough-sawn cedar board and batten siding with a painted finish. Here, extended, exposed ends of the trusses reveal the structure of the roof while establishing a rhythm. The white-painted board and batten siding takes advantage of the strong light, creating beautiful shadows.

Adaptations made for the tropical environment included an "H" type plan, one room deep, which allowed them to stretch out and create maximum exposure to sunlight and breezes. Incorporated in the "H" are two gable-ended garages that form an entry court. A large living room that separates the two wings looks out to both the entry court and rear terrace.

The steep roof pitches, however, betray a hint of the wooden houses and covered bridges of Vermont, where Moor and Juckiewicz lived before coming to Florida.

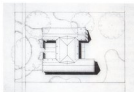
Jury: "This brings a sense of Florida tradition to an urban neighborhood. This is the kind of project you like to encourage. It is far more important to make comfortable places rather than buildings that cry out for attention. Here is a calm, nicely developed



plan that arrives at value, quality and worth in a very simple way."

Architects: Moor & Associates, Architects, P.A.
Contractor: Calmes & Pierce, Inc.
Owner: Peter Moor and Mary Juckiewicz

Photographs: Arthur Tilley



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Architect: Polerion Diaz Revuelta • Photo: Raul Pedraza



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Pinecrest Elementary School Addition

Miami, Florida

Martinson Forbes Architects

To accomplish the 17,000 sf addition of three classrooms, two resource rooms, two skills labs, and a library/media center to the existing 1956 elementary school, a fourth "bar" was added to the existing finger plan.

Central to the project is the media center, located on the street side, along 57th Avenue, and defined by a vaulted metal roof with northern clerestory windows. The "storytime" area is defined by the higher round raised roof. Natural light illumination creates a relationship to the exterior courtyards. Teachers and media specialists have expressed delight over the excellent planning of interior space—accessible book stacks, class area, storytime step-seating, a teachers-only media production area, conference area, and computer lab—which allows many activities to take place simultaneously. And for the first time in the school's history, the library has adequate storage and office space.

The south elevation, the classroom portion of the bar, has a steel frame with corrugated metal that serves as a covered walkway, giving scale to the building.

During the building process, students recorded their handprints in the wet stucco on one exterior wall. By introducing students to a stimulating built environment and then giving them a part in it, the project has fostered in students and staff a heightened sense of pride in their school.

Jury: "Pinecrest succeeds because of its simplicity. It is...not excessive or pretentious and doesn't talk down to children. It has a sophisticated atmosphere to make children comfortable, strong, and intelligent."



Architect:
Martinson Forbes Architects
Consulting Engineer:
Ellis Snyder & Associates
Contractor:
Davville-Findorf, Inc.
Owner:
Dade County Public Schools

Photographs: Steven Brooke



The Residence of Chapman J. Root III
Architect William Morgan, FAIA

GEORGE COTT

Architectural/Interior Design Photography

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St. Hugh Oaks

Coconut Grove, Florida

Andres Duany & Elizabeth Plater-Zyberk Architects and Town Planners

Responding to the concern that young African Americans who had grown up in Coconut Grove were unable to raise their families in the neighborhood for lack of affordable housing, the City of Miami initiated this project to offer young professionals—black, white, and Hispanic—the opportunity to own property in the Grove area. The project to develop twenty-three houses on a three-acre site thus posed societal as well as cost challenges for the architects.

Located on the border between two neighborhoods—one poor and predominantly black, one affluent and mostly white, the project was heavily influenced by input from civic organizations representing both groups. Characteristics including street layout, siting of individual homes, and preservation of existing trees were considered jointly.

Houses were built to comply with the strict South Florida Building Code, and materials, including concrete block, stucco exterior, aluminum windows, and concrete tile roofing, were chosen for their durability and ease of maintenance. Two three-bedroom, 1,500 sf, model home types were used, which, depending on their front porch placement, yield four different street façades. One model has a two-story, elongated volume, the other a more centralized two-story volume. Both feature an attached one-story porch and tall living room.

The simplicity and grace of the architecture and the respectful siting of the homes amidst the existing oak trees make this project exceptional and a welcome complement to the Grove. Since their comple-



tion, these homes have received a great deal of positive attention—from the neighborhood organizations as well as from prospective buyers.

Jury: "... it looks like it's been there forever... Has a continuity among the buildings... thoughtful, not overrated or contrived... a wonderfully intelligent, sensitive solution to the need for affordable housing..."

Architect: Andres Duany & Elizabeth Plater-Zyberk Architects and Town Planners
Consulting Engineers: Victor G. Reese, P.E., Santiago & Associates Engineers, Inc.
Landscape Architect: Gary Greenan
Contractor: Associates Construction
Owner: City of Miami Department of Development and Housing Conservation

Photographs: Rand Pedrosa, Solo Photography



TEST OF TIME AWARD

Lemontree Village *Coconut Grove, Florida*

Charles Harrison Pawley,
FAIA

This award, presented to a structure at least 25 years old and functioning as originally intended, recognizes the lasting value of good architectural design. Lemontree Village has fulfilled the promise that won architect Charles Harrison Pawley local, state, and national honors back in 1970, when it was completed. The development of 20 multifamily duplexes continues to look as contemporary and contextual as the area's newest and finest townhouses and condominium communities.

As intended, the unique architectural concept of flexible interiors and unit expandability has inspired personalized interior spaces in virtually every unit, and expansions (bedrooms, roof terraces, and screened areas) for more than half. Although at first glance there is an overall consistent look, the differences, say long-time residents, make the project even more exciting now than when it was conceived.

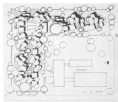
Constructed with concrete block, poured concrete floor and roof, stucco exterior, plaster interior, and single-ply roof system, the units weathered Hurricane Andrew with few mishaps.

From its beginnings, the development was planned so that homes could be sited among existing oaks; some homes had patios built around one of these elegant trees. As residents enhanced their grounds with pool areas, planted walkways, and lush landscape plantings, the original garden environment has matured and flourished. The project remains a refreshing oasis in an area that has undergone fast growth and great changes.



Jury: *A design which was developed to accommodate alterations has produced a very comfortable living environment. The alterations seem only to have enriched the place, blending good design with a successful environmental fit."*

Photographic: Nancy Robinson Watson



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CES/LU PROGRAMS

AUGUST

- 30 AIA FL "Hurricane Protective Systems for Windows & Skylights" Miami 2 CEH; 4 LU's Evening Course 6:00 pm - 9:00 pm
- 31 AIA FL "Florida Accessibility Compliance Seminar" Miami 7 CEH; 21 LU's 7:30 am - 5:00 pm
- 31 AIA FL "Electronic Communication" Miami RESCHEDULED TO OCTOBER 27 MIAMI
- 31 AIA FL "Healthy Buildings" Miami, 2 CEH; 4 LU's 1:30 pm - 3:30 pm
Miami Airport Hilton
Miami, Florida

SEPTEMBER

- 8 AIA FL "Florida Accessibility Compliance Seminar" West Palm Beach 7 CEH; 21 LU's 7:30 am - 5:00 pm
Palm Beach Airport Hilton
Palm Beach, Florida
- 29 AIA FL "Teleconferencing, Security & Acoustics" Seminar Tallahassee 6 CEH; 12 LU's 8:00 am - 5:00 pm
Radisson Downtown
Tallahassee, Florida

OCTOBER

- 26 AIA FL Board of Directors Meeting - Miami, Florida
- 27 AIA FL "Electronic Communication" 2 CEH; 4 LU's; Healthy Building 2 CEH; 4 LU's; Building Codes 2 CEH; 4 LU's
Miami, Florida

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NEWS

Continued from Page 7

statement impacts negatively on the livelihood of architects by permitting the practice of architecture by persons who are not registered as architects.

In the meantime, the Florida Board of Architecture and Interior Design has voted to request the Florida Secretary of Business and Professional Regulation to officially call a

joint meeting with BOPE to call into question the legality of the "Commentary" statement. Known as a Chapter 455 hearing, the meeting would consist of three representatives from each board, with a seventh person appointed by the Secretary to serve as an objective, non-aligned party, to settle any tie votes that might occur.

For more information, see

Legal Notes by J. Michael Hury, Esq., in this issue.

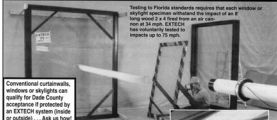
Correction

The June issue of *Florida Architect* incorrectly credited the restoration of St. John's Cathedral. The project was completed by Gordon & Smith Architects, Inc.

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LEGAL NOTES

Can Engineers Practice Architecture?

By J. Michael Huey, Esq.

The line of demarcation between the practice of architecture and engineering has at times been blurred; even when the line is at its clearest, some engineers outright ignore it. This tendency on the part of some engineers to trespass into forbidden territory has been aided throughout the years by a general lack of understanding, and occasionally a deliberate disregard, of the laws regulating the two practice areas.

Any discussion of the debate must begin with a comparison of the statutory definitions of the respective practice areas. "Engineering" refers to services requiring engineering education, training, and experience in the application of special knowledge of the mathematical, physical, and engineering sciences to the planning, design and construction of utilities, structures, buildings, machines, and equipment. "Architecture" refers to the design and construction of structures which have as their principal purpose human habitation or use and the utilization of space within and surrounding such structures.

Florida law prohibits anyone other than a registered engineer from practicing engineering and anyone other than a registered architect from practicing architecture. However, registered engineers whose principal practice is civil or structural engineering may perform architectural services which are "purely incidental" to their practice of engineering, and, likewise, registered architects may perform engineering services which are "purely incidental" to their practice of architecture.

As the statutes are silent as to what is meant by "purely incidental," debate over the meaning and implications of that term has been vigorous. Often the debate has simply ignored the plain meaning of the term. According to *The American*

Heritage Dictionary, 2d Colingiate Edition, "incidental" means "(1) occurring or likely to occur as an unpredictable or minor concomitant; or (2) of a minor, casual or subordinate nature." Synonyms for "purely," according to Webster's *Collegiate Thesaurus*, include "all, all in all, altogether, exactly, in toto, just, quite, totally, utterly, and wholly." Therefore, it may be said that services "purely incidental" to one's practice are those services which are totally, utterly, wholly or quite minor.

This tendency on the part of some engineers to trespass into forbidden territory has been aided throughout the years by a general lack of understanding, and occasionally a deliberate disregard, of the laws regulating the two practice areas.

Completely disregarding the statutory limitations on the practice of architecture by engineers, on December 5, 1990, the Board of Professional Engineers officially adopted a Commentary outlining a defective understanding of "the authority of engineers to design buildings." The 13-page document concludes that "under the present statutes and court interpretations, a qualified engineer as part of the practice of engineering has the legal right to plan, design and supervise construction of any public or private building or structure, and to perform such other professional services as may be necessary to the planning, progress and completion of the engineering service." Unfortunately, a small group of engineers has used the Commentary, despite its incomplete and inaccurate understanding of the law, to persuade others that engineers are free to engage in the unrestrained practice of architecture in this state.

Most recently, a Dade County building official has been circulating the Commentary to city building officials and others who are being misled by its misinterpretation of the law and unfounded conclusions.

The Commentary's first major flaw is that it relies largely on an outdated case, *Verick v. Florida State Board of Architecture*, 239 So. 2d 29 (Fla. 4th DCA 1970), which held that "a registered architect can plan and design and supervise construction of a building as the

dental" language in the architecture and engineering acts so that only civil and structural engineers may perform purely incidental architectural services. The twenty-five-year-old *Verick* ruling, then, is hardly the final word on the practice of architecture by engineers.

Furthermore, the Commentary erroneously concludes that "there is no such thing as 'incidental practice' authorized by Chapter 471 and 481." Without citing any authority (because there is none), the Commentary makes the incomprehensible statement that the "purely incidental" provision "exempts an excuse a professional performing authorized services within his or her authorized practice from the thrust of other professional statutes," and deduces that the exemption provision is a "legislative acknowledgment of the expressed overlap between engineering and architecture."

To the contrary, the "purely incidental" provision is a clear legislative expression of the limitations of the overlap between architecture and engineering. It does not give engineers carte blanche to practice architecture; rather, it permits civil or structural engineers only to perform only minor architectural services in the context of their engineering services. The design of buildings intended principally for human habitation and use (such as churches, schools, and residences) has been and remains the province of architecture and structural and civil engineers may enter that province only in extremely narrow circumstances.

practice of architecture and a registered professional engineer can plan and design and supervise construction of a building as a professional engineer." *Id.* at 31. In *Verick*, the court rejected the State Board of Architecture's argument that the statutory definition of "engineering" was limited to "buildings" of an industrial nature designed primarily to house machinery and equipment rather than designed primarily for habitation or occupancy by humans." The court's decision was based on its finding that the legislature had not established a clear line of demarcation between the two professions.

In fact, the legislature has clarified the line of demarcation—in 1979—when it redefined "architecture" to mean the design and construction and supervision of construction of buildings primarily intended for human habitation or use. That same year the legislature also modified the "purely inci-

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