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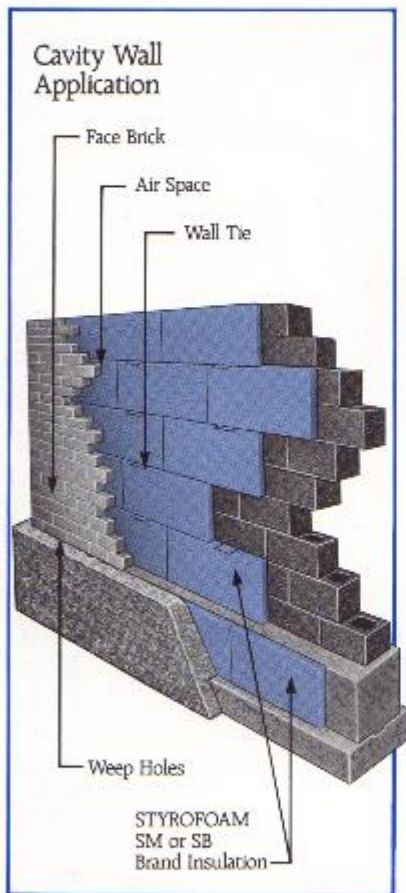
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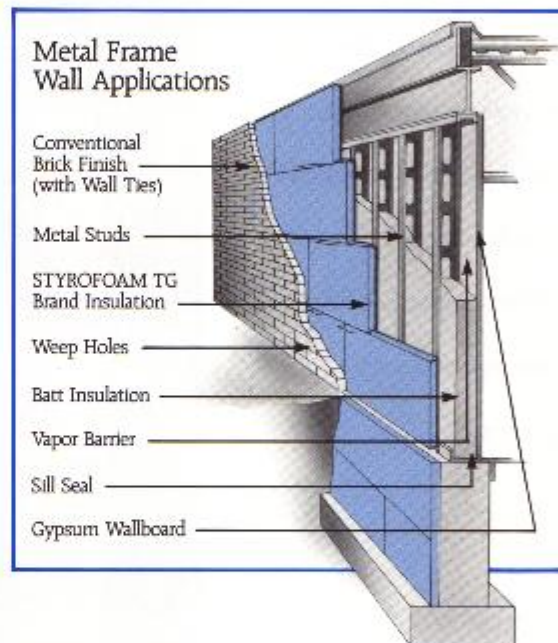
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*Derek Vander Ploeg, President, Vander Ploeg and Associates, Inc., Boca Raton, Florida
Architect: Arbern Financial Center, a Stolts Brothers building*

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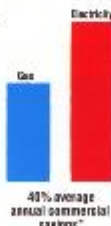


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The cover photograph is of an interior hallway in The Terraces Condominium in Naples. Architecture is by Richard A. Barnes, AIA, formerly of The Design Advocates, Inc. Interior design by Image Design, Inc. Photo by Gabriel Benzus.

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EDITORIAL

This issue of *Florida Architect* examines a variety of small projects and one large restoration with additions. It's an important end of the year issue because it examines the work of some firms who are producing work that is significantly improving the Florida landscape, sometimes against great odds.

In Naples, architect Roney Mateu, of Mateu Rizo Associates, met with a lot of opposition when his design for Hibiscus Center was presented before the City Commission. But, Mateu, and his firm's design, prevailed, and hopefully some of the "strip mall" mentality that is so prevalent around the State, has been banished with the construction of Hibiscus Center. The FDLE Crime Lab in Orlando was a long time coming. It met with many obstacles, including financing, but the finished product, designed by Davis & Associates, is the largest and most efficient lab of its kind in the state. In Coconut Grove, the task of designing a shopping mall compatible with the "flavor" of the Grove fell to Wolfberg/Alvarez & Associates. The very successful results can be seen in this issue. Breaks with tradition can also be seen in the Coral Springs Animal Hospital which architects Slattery & Root designed as a decidedly progressive and upbeat medical facility and the Terraces by Richard Barnes, AIA, which is a West Coast condominium that gives tenants all the advantages of luxury living in a beautifully designed building. Currie Schneider Architects designed their own office with the goal of creating a workspace that fosters creativity.

The Jacksonville Convention Center was a long-fought preservation project which met with many roadblocks through the years. In 1974, while working for the Historic Preservation Division of the Department of State, I researched the old Union Terminal in Jacksonville and prepared a nomination to place it on the National Register of Historic Places. I had always loved the building and had used it many times when boarding the Silver Meteor en route to Virginia. Even with the passengers and the trains gone, the terminal never lost its ability to conjure images of the days when train travel was a luxurious experience.

Just before going to press with this issue, I became aware of an important project which I hurried to find room for in these pages. To say that this project is an unusual one would be an understatement. It was, for architects Maspons•Goicouria•Estevez, a once in a lifetime project . . . one for which they donated their services. It was the designing of the papal platform which was used by Pope John Paul II and President Reagan when the Pope arrived in Miami. The graceful blue sailcloth canopy provided a perfect Florida setting for the Pope's brief appearance at Miami International Airport. It was appropriate to both the climate and this highly significant event.

Season's Greetings from the staff of *Florida Architect*. With the continued support of the magazine's readers and the FA/AIA members in Florida, 1988 promises to produce another six issues of the region's best architecture.



NEWS

Hollywood Architect Lectures at UF

Broward Chapter AIA President Jeffery Gross was a recent visiting lecturer at the University of Florida where he addressed high school students from around the country who were attending the College of Architecture's summer Design Exploration Program. The course, an introduction to the architectural profession and design concepts, is held each summer for three weeks and is aimed at giving students an introduction to what architecture is all about. The students get a chance to experience design work in a studio setting which includes model building, drafting and rendering. While no prior experience is required, the students must compete for the few spots available in the program.

Mr. Gross's presentation included a brief history of architecture and how the profession is practiced in an office setting. He also spent a day with the students as a guest critic. This is the second consecutive year that Gross has lectured in the Design Exploration Group and he hopes to continue with future groups.

Gross, who volunteers his time to the Design Exploration program, is president of Jeffery Gross, Associates, Architects, P.A.

For more information on the Design Exploration Program, contact Christine Simpson at the University of Florida, Department of Architecture, 231 ARCH, Gainesville, Florida 32611.



Pictured left to right, Aaron Stadlin, Jeffery Gross, Architect, Evangelina Chang, David Fleisher, Martin Gunderson, Program Instructor and Maxwell White.

UM Image Transformation Lab Brings Designers' Drawings to Life

It is hard for the layman to imagine how a house will look from a set of drawings. But architects and designers will soon have a new tool that can transform a computer drawing of a building and a photograph of the construction site into a realistic video image of the completed building on the street where it is to be built.

The tool is image processing. And the new Image Transformation Laboratory at the University of Miami School of Architecture is one of the first places where image processing is being applied to architectural problems.

This technology is intended to help prevent bad decisions by letting designers, clients, and public agencies visualize the future. Hopefully, it's going to save the world from a lot of ugliness.

Image processing has existed for some time in the broadcast industry, but it required mainframe computers and was very

expensive. Now it's possible to use image processing with smaller computers, and the cost is reasonable.

The Image Transformation Laboratory, which opened in June, is dedicated to developing new methods of architectural design and presentation. The laboratory's three project directors, Victor Dover, Joseph Kohl, and Erick Valle, are graduate architects. The laboratory is designed to test new technology, particularly software systems, and find applications for architectural design. The laboratory also serves as a source of technical information for architects and designers.

One of the new systems now being tested in the laboratory links AutoCad, a computer-aided design program used by many architects and engineers, with image processing.

1988 FAME Awards Coming Up

This is the fifth year of FAME—Florida Achievement in Marketing Excellence, and according

to Larry Kahn, President of the Builder's Association of South Florida (BASF), the competition gets stiffer as the number of entries increase each year.

FAME recognizes excellence in Florida homes, buildings, interiors, land-planning and landscaping as well as in real estate advertising, sales and sales management. Identities of the winners are kept secret until the FAME Awards ceremony, scheduled for early Spring 1988.

Entrants compete directly with comparable projects and there is a broad spectrum of categories.

All BASF, Florida Home Builders Association, affiliated NAHB Chartered Association members and associate members in good standing are eligible to enter any product available for sale or rent between December 1, 1986 and December 31, 1987. Marketing/advertising/public relations materials for those products also may be entered. There is no limit on the number of FAME entries.

November 20, 1987 is the tentative deadline for completed entry kits.

Entry registration forms and exact dates can be obtained from BASF by calling Lynn Philbrick at (305) 556-6300.

New Commissions

Fleischman-Garcia Architects has been selected by the Lake Magdalene United Methodist Church to design a new 4,000 s.f. expansion to the existing sanctuary, which will more than double the current capacity. • Schwab & Twitty Architects, Inc. were selected through a design competition to finalize the Palm Beach Pavilion design. The amphitheatre and attendant facilities will be built on a 30-acre site in Okeechobee Park. • Florida Land Design and Engineering, Inc. has been retained by the City of Melbourne to design Ballard Park, a 9.8-acre park and boat launch facility on the Indian River. • Lutheran Church of the Palms is adding a 10,000 s.f. addition to be designed by Schultz and Collman Architects.

Models designed by Cano, Sotolongo & Associates have opened at Wedgewood Cove in Davie. The project is being developed by Lowell Homes and will contain 174 luxury single-family homes. • Pasco County has selected Fleischman-Garcia Architecture-Planning-Interior Design and Florida Land Design and Engineering to design eleven parks in the County's \$13 million park bond issue program. • The Cedarwood Companies of Akron, Ohio has selected Odell Associates Inc. to provide architectural services for their \$30 million, 220-room hotel and 85,000 s.f. shopping complex on Sand Key adjacent to Clearwater Harbor. Odell has also completed the 70-acre Master Plan for Knight Commerce Center in Boca Raton. The complex includes a business hotel, exercise course and access to a major public transit facility. • The First United Methodist Church of Cocoa Beach has awarded the architectural design of a new Fellowship and Educational Building to Davis & Associates. The firm will provide master planning for future expansions of the church campus through 1995 and then proceed with schematic design for a Fellowship Building.

Fugleberg Koch Architects has begun work on the third and final phase of Sunrise Landings, a condominium community in Port St. John. FKA has been design firm for the entire development which will total 236 units at completion. • Les Beilinson, AIA, has been named special consultant to the Preservation Foundation of Palm Beach for the \$450,000 restoration of the Palm Beach Town Hall. The building was designed by architects Harvey and Clarke in 1925. • KBJ Architects, Inc. is designing the major expansion of the Orlando International Airport. The project includes more than doubling the size of the existing terminal with rental car areas, baggage claim, ticketing functions and concessions. A planned people mover will connect the main terminal to a new airside building which contains 24 gates. Future plans include a hotel and parking garage. KBJ Architects has completed design for the 383,000 s.f., 23-story downtown office tower for Rouse & Associates in Jacksonville. The building will be headquarters for American Heritage Life Insurance Company and it is scheduled for completion in May 1989.



The Evans Group's highest honor was a "Best Attached Home" Award for Oakwood Villas, a two-home community located within the 2,305-acre master planned community of Bonita Bay near Naples, Florida.



Schwab & Twitty Architects' design for the Harbour Ridge Club, a private club to serve the community of Harbour Ridge in southern St. Lucie County near Stuart.

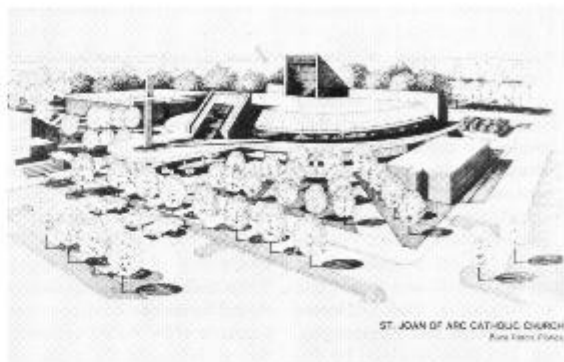
Brown-Cleary-Smith + Associates has designed three different Mediterranean-style, single-family homes for Lake Ridge Club in Clermont. • **The American Automobile Association (AAA)** has selected the architectural firm of **Spillis Candela & Partners** to design its new corporate headquarters near Orlando. AAA moved its main offices to Florida in December 1986, and the 350,000 s.f. corporate office will be constructed on a 39-acre site in Seminole County. • **Fleischman-Garcia Architecture-Planning-Interior Design** has been commissioned by the University of South Florida Foundation, Inc. to design the new Center for Economic Education. • **Shoup/McKinley Architects and Planners, Inc.** has been commissioned by the Board of Trustees Building Committee of Boca Teeca to renovate and expand the existing 17,000 s.f. Boca Teeca Country Club. **Shoup/McKinley** has also been commissioned by Advent Lutheran Church of Boca Raton to design the final building of the Advent complex, the Life Enrichment Center and by the Palm Beach County Parks and Recreation Department to design a multipurpose community center for Loxahatchee Grove Park. The community center is the second phase of the Park's 25-acre master plan created by landscape architect William Wilsher, head of the Palm Beach County Parks and Recreation Department.

Construction has begun on Phase II of the Greenacres Public Safety Complex with completion scheduled for early January, 1988. The 8,200 s.f. addition, designed by **Oliver-Glidden & Partners** will primarily house Police Department facilities and will utilize exposed concrete block construction. • **Barretta & Associates** has been named associate architect with **James Hartley Architects** for design of a 70,000 s.f. regional courthouse facility for Broward County. Design for the building will be based on

program recommendations from Steinman, Grayson, Smylie, courthouse programming specialists in Los Angeles. • **Schwab & Twitty Architects, Inc.** has completed designs for the St. Kitts Club Hotel/Casino to be located at Frigate Bay on the West Indies Island of St. Kitts. The hotel will have 485 rooms and an 11,000 s.f. casino. • **Powell Design Group, P.A.**, has completed design on the Blue Lagoon, a 504 unit apartment complex and 3,000 s.f. clubhouse in Lake Mary.

Construction has been completed on the Palmetto Office Building in Winter Park designed by **Robert A. Harris, AIA**. The 6,000 s.f. building was developed by The Real Estate Consortium. • **The Evans Group** has designed both the community and clubhouse for Hunter's Ridge in Naples. • **Davis & Associates** has been selected by ComTech Properties to provide space planning and tenant improvements for approximately 80,000 s.f. at their Florida Center Commerce Park in Orlando.

The new Turner Education Center for Northwood Institute's West Palm Beach Campus was designed by **Dow Howell Gilmore Associates, Inc.** to take full advantage of the Campus's picturesque setting. The 38,000 s.f. facility houses classrooms, administrative areas, faculty offices, a library and a public gallery space. **Dow Howell Gilmore Associates, Inc.** has just completed work on the Skills Development and Multi-Purpose Labs Building for the Greenacres Elementary School and the Palm Beach County School Board. **Dow Howell Gilmore** has also completed construction documents for the St. Joan of Arc Catholic Church in Boca Raton. Construction of the 24,000 s.f. church is due to begin in November. • **Gee & Jenson Engineers-Architects-Planners, Inc.** has been selected to design an expansion to the existing office/operations areas and new press room and



ST. JOAN OF ARC CATHOLIC CHURCH
Boca Raton, Florida

Drawing for St. Joan of Arc Catholic Church by Dow Howell Gilmore.

mail room facilities for the Palm Beach Post. • **Maddox & Associates, Architects, PA**, has been commissioned to design the 35,000 s.f. corporate headquarters facility for Wellcraft Marine. The \$1.8 million building, which will consolidate the company's executive and administrative offices, will be in Sarasota. • **Barretta & Associates** has completed renovation of five of the eight buildings in the former RCA complex in Palm Beach Gardens. **Barretta** is providing architectural revitalization throughout and building expansion in some areas. • The Jacksonville City Council has awarded the Architectural/Engineering Professional Services contract for the design of the new 1,200 bed Duval County Justice Center to the Sverdrup Corporation of Jacksonville in association with **Prime Design, Inc.** of Tampa. The eight-story pre-trial detention center and court building will be one of the largest such facilities in the Southeast. • **The Architectural Partnership Inc.** is proceeding with the interior design for the new Pembroke Pines City Hall. Architects **Jorge Cibran** and **David Perez** will incorporate an open plan design using systems furniture in order to maximize flexibility in the \$4 million structure.

AWARDS/HONORS

The 100 Twigg Street Building in Tampa has been recognized with an Honorable Mention in *Building's* 1987 "Excellence in Building Modernization" Awards Program. Originally constructed in 1925, **The Stewart Corporation Architects** served as the designer and architect for the 1986 modernization of the 12-story structure. The building was honored for "imaginative and functional accomplishments in building modernization."

The City of Coral Gables Handicapped Advisory Board presented **David Jay Feinberg, AIA**, with an Award of Merit for outstanding efforts in designing a totally accessible facility for handicapped citizens in Coral Gables at the Miami Rehabilitation Institute. The structure was completed in 1986 as the first complete physical-social-psychological-outpatient rehabilitation facility of its kind in Dade County. The building also received an Award from the City of Coral Gables Chamber of Commerce for outstanding design.

The Tampa Port Authority has presented the firm of **Fleischman-Garcia-Architecture-Planning-Interior Design** an award "in recognition of their superior performance in designing the Garrison Channel Cruise Ship

Terminal." The \$1.3 million renovation involved the conversion of an old metal warehouse building into a festive cruise facility.

Edward D. Stone, Jr. and Associates (EDSA) has been recognized by the Florida Chapter of the American Society of Landscape Architects with three awards in the Chapter's annual awards competition. Awards of Merit were presented to EDSA for Barnett Plaza in the Urban Design category, the El San Juan Hotel in the Commercial category and the Museum of Anthropology in Xalapa, Veracruz, Mexico in the Institutional category.

Benjamin P. Butera, AIA, has been presented with three Aurora Awards, including one Grand Aurora, for his design of a custom residence. The residence which won Butera the awards for Best Custom Home and Best Kitchen is in Ormond Beach and is a 5,000 s.f. residence with beveled cedar siding.

Speaking to builders and developers from eleven southeastern states, architect Charles L. Charlan of Charlan, Brock & Associates, addressed the need for innovative land planning coupled with creative design at the Southeast Builders Conference held in Orlando in August.

Charlan showed examples of how architectural details from luxury, custom single family homes could be incorporated into attached housing reaching densities of 14 units to the acre and more, without experiencing the expected increase in construction costs.

CORREX

The two photos on page 35 of the September/October, 1987, issue of *Florida Architect* were erroneously attributed to Steven Brooke. The top photo of the exterior of the Stan Jordan house was taken by Joseph Steinmetz. The lower photo of the house's interior was supplied by Architect Mark Hampton and no photo credit was available.

In addition, the house is located in Babson Park, not Lake Wales as indicated.

BOOKS

The Architecture of William Morgan

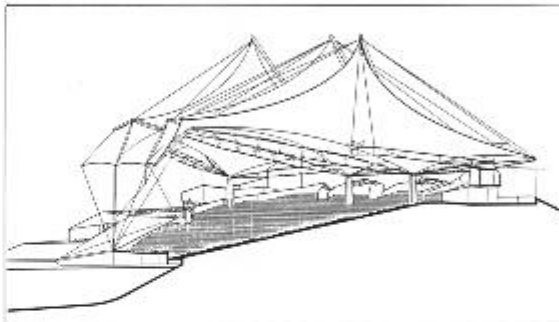
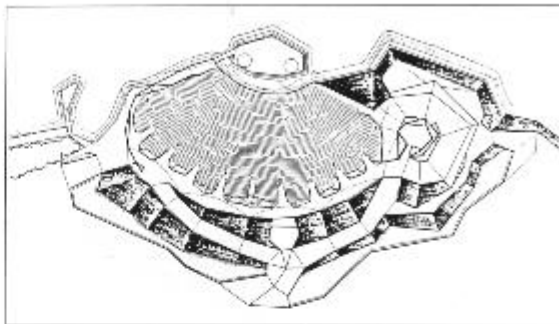
By Paul D. Spreiregen (*University of Texas Press, \$49.95 Hardcover, 256 pages, 168 b&w illustrations, 94 color photographs, 116 line drawings*)

The University of Texas Press will publish *The Architecture of William Morgan* on December 15, 1987. The book is lavishly illustrated and is a tribute to the work of one of America's most innovative architects. It reveals the range and variety of Morgan's work from his education at Harvard and his study under Gropius to his constant desire to create a natural harmony between building and site, often using earth as an architectural element.

Morgan's knowledge of the prehistoric architecture of many cultures, along with his belief that there is no such thing as primitive architecture, only primitive means, has made him unique as an architect. In the foreword, Harvard's Eduard F. Sekler refers to the importance of Morgan's interest in prehistory on his work. "Without its deeply moving lesson of directness and close linkage to nature and the land, he [Morgan] might have remained just one of the many capable architects whose talent, training, and competence enabled them to carry on and slightly modify the tradition of the Modern Movement. As it is, however, he was able to move beyond this level in a creative career that is still unfolding."

This retrospective look at the first quarter century of Morgan's work (1960-1986) contains representative examples of both low-silhouette, earth-sheltered buildings and multi-story office and government complexes. As Paul Spreiregen notes, Morgan's work represents a continuity with the fundamental principles that have flowed through architecture over the centuries.

The book will be available in December from the University of Texas Press, P.O. Box 7819, Austin, Texas 78713.



Copyright 1987 William Morgan. Reprinted courtesy of University of Texas Press.

An Architectural Primer for Prevention of Slip and Fall Accidents: A Design Guide

By Dr. Randall Atlas, AIA
(\$10.00, including postage)

The author, a recognized expert on slip and fall accidents, has made a publication available to architects, designers and building managers in pamphlet format. The guide clearly states the major building code requirements for ramp and stair design. Also discussed in the booklet are strategies which attorneys use for establishing negligence against architects and recommendations on how to improve step/ramp design and how to reduce fall liability. For more information, or to order, contact: Atlas and Associates, 600 N.E. 36 St., Suite 1522, Miami, Florida 33137. (305) 325-0076.

Past glories recalled in Jacksonville's Convention Center

Jacksonville Convention Complex Prime F. Osborn III Convention Center Jacksonville, Florida

Architect: Reynolds, Smith & Hills
Construction Management and Landscape Design: Veenstra Rinaman Associates
Architecture Engineering Planning:
Architect-in-Charge: Richard J. Veenstra, AIA
Engineers: Reynolds, Smith & Hills, Inc.
Restoration Consultant: Hershel Shepard & Associates
General Contractor: W.W. Gay Mechanical Contractors, Paxson Electric Company, Demetree Brothers, Inc.
Interiors:
Interior Design Concepts;
Kitchen — Larry Brock;
Graphic Design — Meyers and Associates.

Jacksonville's Union Station, for decades the gateway to Florida, has been transformed by the City of Jacksonville into a most extraordinary convention center.

During its halcyon days, the massive Greek Revival railroad station was a mecca for travelers to Jacksonville and destinations south. It reopened last October as the Prime F. Osborn III Convention Center, launching a new era in its colorful history as a destination for tourists and visitors. The landmark had closed to train travelers in 1974 and remained abandoned and nearly in ruin until restoration began in 1984. The new use was considered a creative way to salvage an important landmark. The building was originally designed to handle large crowds and therefore lends itself to this particular adaptive use. The 1919 terminal was designed by architect Kenneth M. Murehison.



Above, the original ticket windows in the main waiting room of the terminal have been restored. Opposite page, top, barrel vaulted concourse which connects old section of building with new wing. Below, the original terminal fully restored. Photos by © Kathleen McKenzie 1987.

The City of Jacksonville developed and executed the project in partnership with a group of private developers. The City owns and operates the \$33 million convention center and had a cost plus contract with a guaranteed maximum. Everyone involved in the project was committed to producing the highest quality product possible. The project was completed on time and within budget.

The new use for the terminal presented unique design challenges for the 22-acre site, particularly integrating the old and new wings. The result was a state-of-the-art convention center which retained the historic integrity and ambience of the old Jacksonville Terminal.

The 50,000 square foot terminal was expanded to 265,000 gross square feet by the addition of a new wing, which features a 79,000 square foot exhibit hall, a 10,000 square foot ballroom, 18 meeting

rooms and a barrel vaulted concourse which became the main circulation corridor between the original building and the new addition. The concourse is linked to the old terminal at a central bay of windows which has become the axial focus of the Center. An escalator provides access to the mezzanine lobby and meeting rooms. The exhibit hall contains almost two acres of floor space for meetings, as well as consumer and trade shows. It has a 180 foot by 360 foot column free area with a 33 foot ceiling clearance. There is a 5,000 square foot state-of-the-art kitchen for the Center's in-house catering service.

Renovation of the old Terminal was preceded by extensive research and documentation and the State Bureau of Historic Preservation reviewed every architectural detail for accuracy. Preservation consultants assisted the design team in identifying original paint colors, re-



searching old photos and recommending interior and exterior restoration procedures.

The Terminal was rewired and new plumbing, heating and cooling systems installed. Exterior granite and limestone were cleaned, patched and repointed. A new roof was installed, wooden windows were recreated and a new hammered glass replaced the old ribbed glass.

The original marble-floored waiting room has become an elegant Grand Lobby for the Convention Center. Heavily damaged decorative plaster was patched and repaired, and the ticket windows, badly modernized during the 1950's, were restored to their original configuration. The 75-foot vaulted ceiling, hidden in the 1960's by a dropped acoustical ceiling, once again enhances the grandeur of this landmark.

A former restaurant area and the old segregated waiting room were also renovated, with marble walls, coffered ceilings, and plaster medallions and consoles adding elegance to their new use as meeting rooms. The barrel vaulted, stained glass ceiling in a corridor room was repaired and restored. In the former ladies' room, an oval stained glass ceiling was designed to duplicate the original which was destroyed years before.

Interior design became a unifying element in the project, merging the old terminal colors, floor tiles, carpeting, furniture groups and graphics. The Convention Center color palette was borrowed from the original colors of the five railroad companies that once utilized the Jacksonville Terminal. Pullman green, burgundy, ochre, and black were used in fabrics, carpets and paints. The carpet tiles throughout are a custom design intended to recreate an historic patterned granite floor. In addition, a strong lead for material and color selection was taken from the existing architectural materials of the building. Rich surfaces such as pink marble and gray-beige granites, green ceramic tiles, and stained glass colors of amber, rose, green and

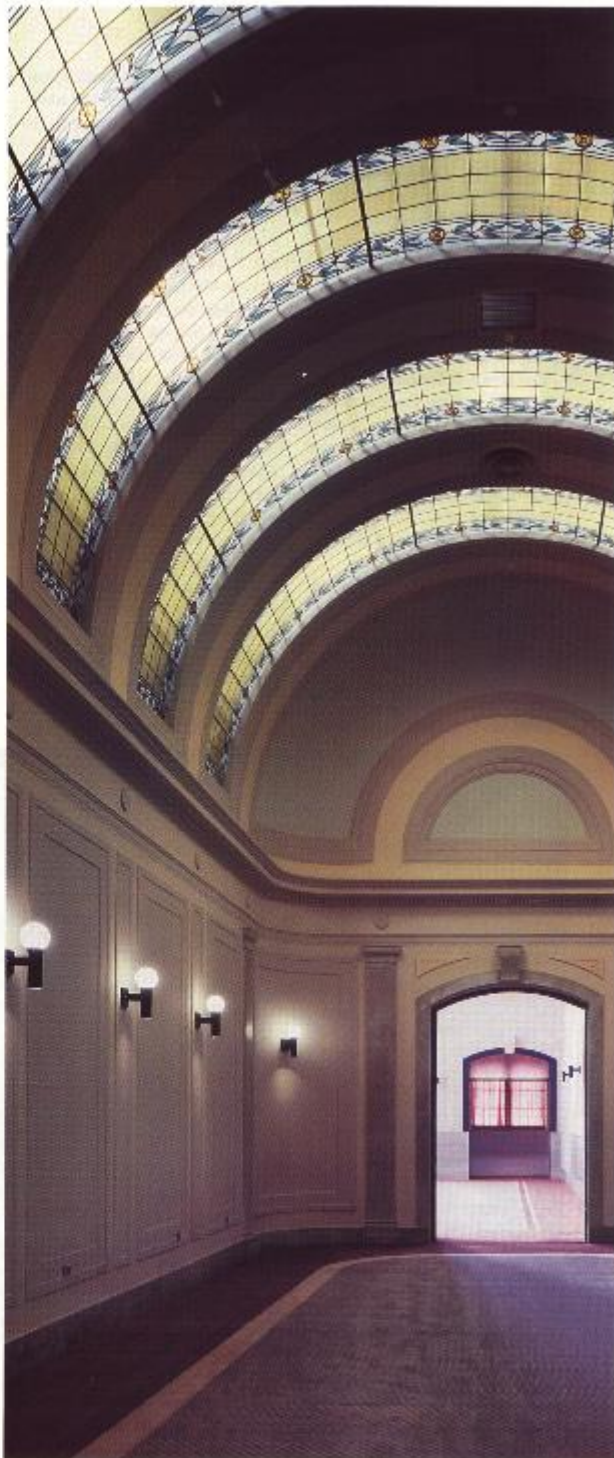
blue, dictated the new color scheme. Plaster mouldings were delineated in shades of beige, sand, rose and gray, creating a three-dimensional quality to the walls and ceiling and enhancing the existing architectural detail.

Existing railroad features were incorporated into the new construction, insuring that the Center retain a strong sensitivity to its history. The remains of the earlier 1895 Flagler Terminal walls became an important element in the courtyard. The brick was stabilized and repointed and the tower rebuilt. A restored passenger car, the Orange Blossom Special, serves as another meeting or reception space, as well as a reminder of past railroad days. The original bumping blocks, which stopped trains as they backed into the terminal, are now an important decorative element feature of the Center. Flanking the bumping blocks are three raised entrance doors to the ballroom which resemble the platform of a train car. The steel and cast iron train shed, now enclosed and carpeted, has become a large lobby area, providing generous unassigned space for circulating. Neon signage, used for years in the old concourse, became an important decorative element in the building's design.

Since its October opening, the Convention Center has been booked over fifty percent of the time for its first two years (75% is considered maximum in the industry). The landmark structure has hosted the Ramses II exhibit, drawing 375,000 visitors. In January, 1988, the Center will have the 95-day ABC Bowling Tournament that will bring 40,000 bowlers to Jacksonville and will have a \$50 million impact on local economy. The next step for the City will be to attract a hotel developer to one of several nearby sites. The convention center is expected to serve as the catalyst for hotel and entertainment development in the area.

Myrtice H. Craig

The author is Director of Communications for the Jacksonville Convention Center.



Photo, top right of original 1919 terminal used middle, the Oshree Convention Center in original concourse. All photos by © Kathleen McKenzie 1987.



blow. Bottom, lobby is



Architects create a perfect environment at 25 Seabreeze

25 Seabreeze The Offices of Currie Schneider Associates AIA, PA Delray Beach, Florida

Architects: Currie Schneider Associates AIA, PA
Project Designer: Robert G. Currie, AIA
Interior Designer: Currie Schneider Associates AIA, PA
Contractor: Doney and Associates
Owner: 25 Seabreeze Associates

Architects Currie Schneider Associates' description of the interior of their office is that it has an atmosphere reminiscent of "a perfect South Florida day." They describe the exterior as South Florida vernacular.

For the outside of the building, the architects selected colors reflecting shades of sand, red and blue — colors which occur naturally in the immediate vicinity. In the lobby, a single Corinthian column is used whimsically in a non-loadbearing function, but its historical reference adds appeal to the building's contemporary lines.

There are windows on three sides of every floor and a glass block column was incorporated into the main facade. The fourth floor workspace is lit through a vaulted glass ceiling on the building's north side.

The fourth floor's 3,600 s.f. serve as the architects' offices and are the highlight of the building. The space is extremely open and airy and allows vis-

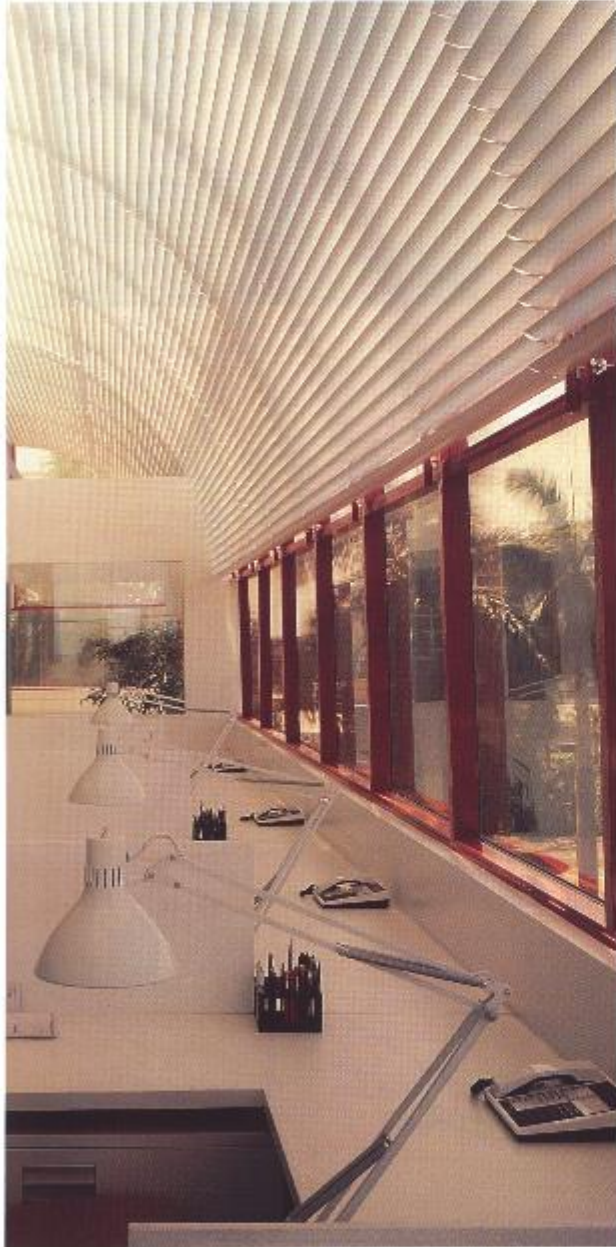


itors to circulate freely and see out from three sides. Glass walls separate interior offices and expand the feeling of bringing the outside in. The offices also provide views of the Intra-

coastal Waterway and royal palms close enough to touch. The design and drafting area is completely open. It contains fifteen drafting spaces, each with an ocean view. Beach umbrellas

were incorporated into the drafting room as a playful interior design consideration as well as to help stimulate the design process. A glass-enclosed Conference Room is adjacent to the

Opposite page, *drifting room*. This page, top, *main facade* and bottom, *reception area*. Photos by Dan Foree.

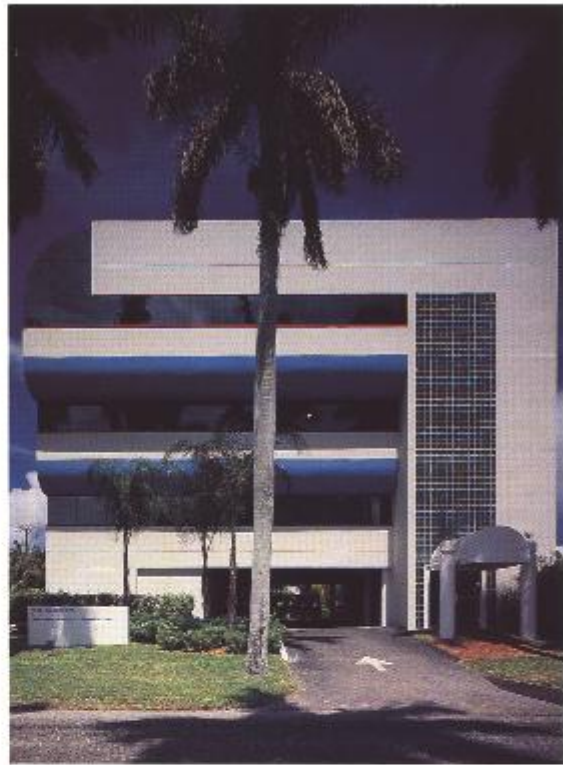


reception area, and although the room is soundproof, it is visibly accessible.

Future plans for the office include an expanded interior design space on the fourth floor.

Crystal R. Kauffman

The author is Marketing Coordinator for Currie Schneider Associates, AIA, PA.



An Oasis for the Retail Experience

Hibiscus Center Naples, Florida

Architects: Mateu Rizo Associates

Design Team: Roney J. Mateu, AIA; Armando M. Rizo, AIA

Engineers: M. A. Suarez & Associates, structural; Ace Engineering, Inc., mechanical, electrical, civil

Landscape Architect: Raymond Jungles

Owner: Hibiscus Associates

Contractor: Boran, Craig & Barber Construction Co.

“An oasis for the retail experience” was what Architects Roney Mateu and Armando Rizo were asked to design for this collection of stores. Naples is a city situated along a north-south axis known as the Tamiami Trail which is identifiable only by the succession of strip center after strip center with its sea of asphalt parking lots and uncontrolled signage. The owners wanted something new.

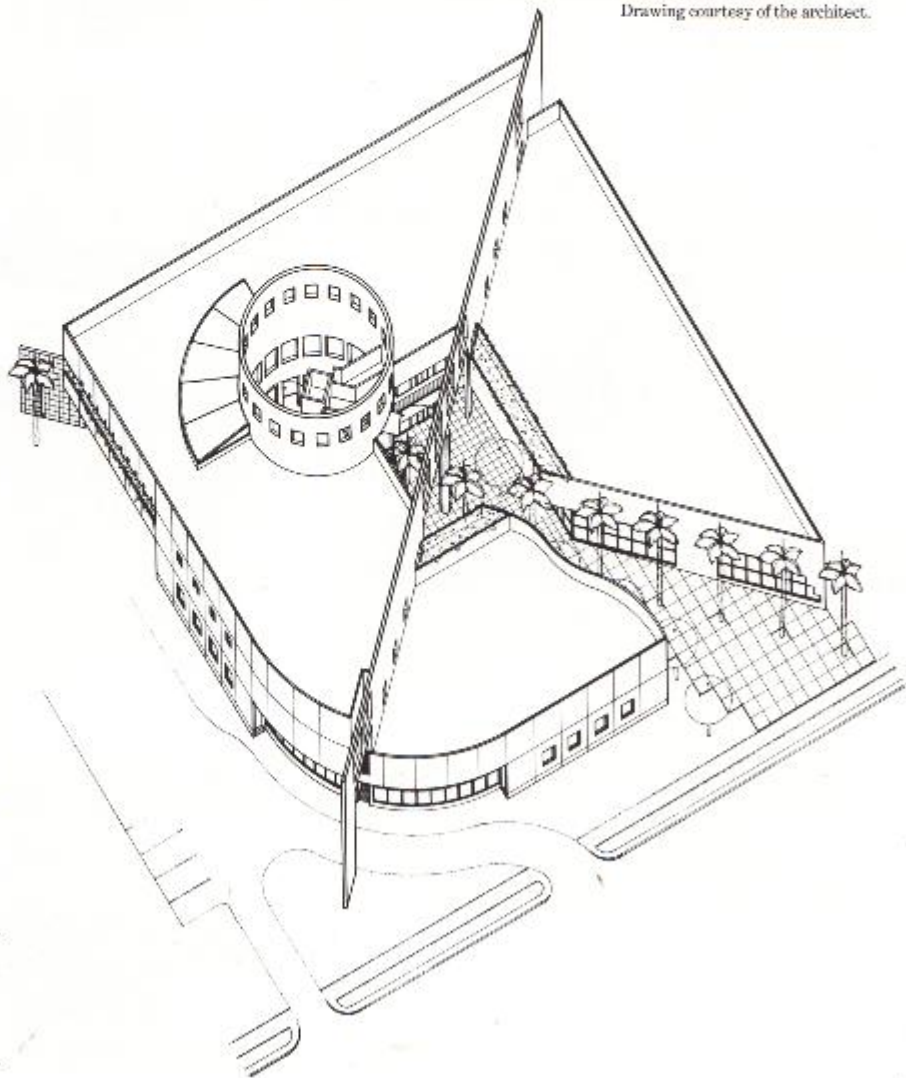
With this in mind, the architects designed Hibiscus Center to open itself to the passerby, be it vehicular or pedestrian. This invitation to enter begins from any spot where the building can be viewed since the building and the signage are one in the same, and distinct from all the surroundings.

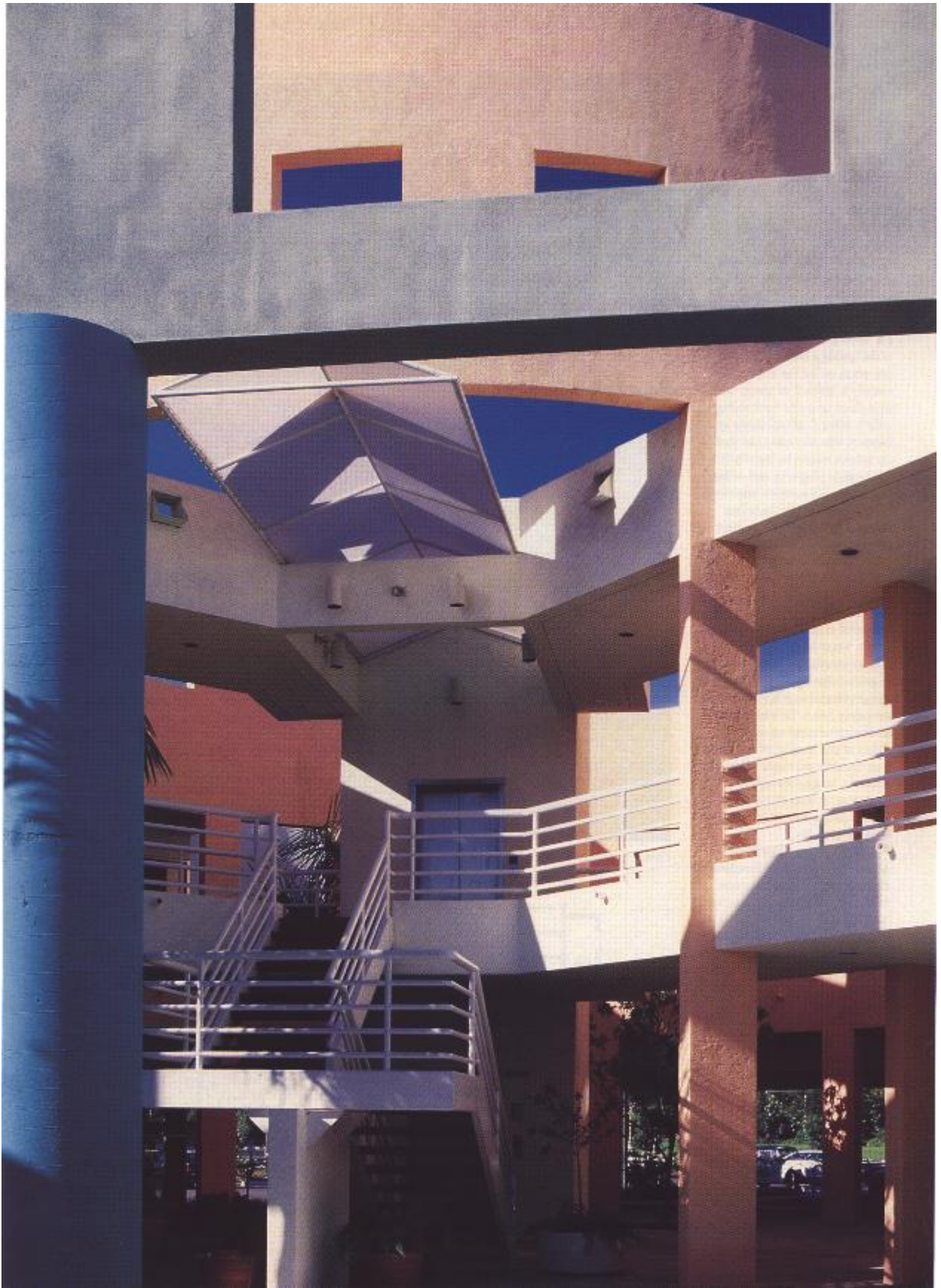
Hibiscus Center breaks the monotony of the strip centers in the vicinity by hugging the highway and buffering the necessary parking from both the highway and the shopping area. This was a design idea so “revolutionary” that the city fathers had a hard time understanding and approving it. It has, however, become a catalyst for some exciting new architecture in the urban fabric of downtown Naples.

Diane D. Greer



Photos © Kate Zari 1987.
Drawing courtesy of the architect.





The Cat's Meow

The Coral Springs
Animal Hospital
Coral Springs, Florida

Architects: Slattery & Root
Architects, P.A., Boca Raton,
Florida

Engineer: Henz/Vathauer
Associates

Owner: Dr. Lloyd S. Meisels

Contractor: Seawood Builders

Architects Slattery & Root were faced with the problem of designing a building whose program called for approximately 3,100 s.f. of space on the first floor on a site containing only 3,200 s.f. of buildable area. Since it was obvious that such a structure would be tightly situated inside property and setback lines, the only solution appeared to be a rectangular building with no fenestration on either side per building code restrictions. The building was designed with simple forms and a strong tie to the adjacent residential community. Exterior walls are textured stucco over concrete block. Four-hour fire-rated block exterior partitions were required due to the proximity of the north and south walls to the property lines. This increased all the structural supports because of the weight of the dense four-hour rated block. This also caused a large eccentrically loaded stem wall foundation and an uncommonly large structure for the site.

The interiors were designed so the building could function efficiently as an animal hospital. There is workspace for twelve employees. The lobby is a bright, energetic space which features large expanses of glass for natural lighting and a decorative open stair leading to second floor offices.

A multi-zone air conditioning system with a sophisticated charcoal filtering system was installed to eliminate odors in the animal containment areas. This enabled the maximum use of pre-conditioned environments, thereby maximizing the cost-effectiveness of the system.

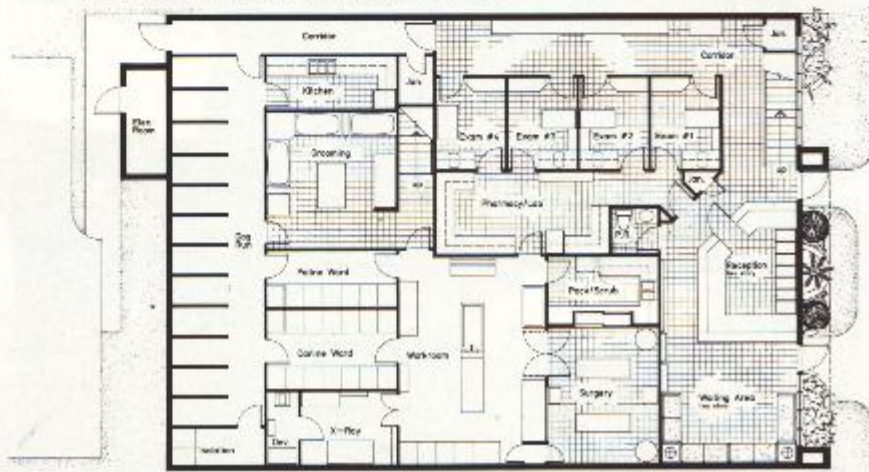
Janet W. Swartz

The author is Director of Marketing for Slattery & Root.

24



Photos by © Bob Stein 1986. Drawing courtesy of the architects.





OFFICE PRACTICE AIDS

Ramps, Railings and Rounded Edges

by Dr. Randall I. Atlas, AIA

This is the last in a three part series on stair design and stair system safety.

A ramp is an inclined plane which is used as a walkway for pedestrians to move from one elevation to another without encountering any obstruction. For the handicapped individual, a ramp is an important necessity of life which provides safety and improves the quality of life.

Falls on ramps often arise from the failure of users to see the edge formed by the level and sloping surface. On an upward slope the stride is suddenly shortened and the victim tends to fall forward; on a downward slope the stride is suddenly lengthened and the victim falls backward. Cues to the change in level are important, and edges should be as distinct as possible. For safety sake, a ramp is preferable to stairs because gentle slopes are usually safer than steps.

Ramp fall accidents represent only about 10% of all slip and fall accidents, but that number is increasing as older buildings are being equipped with ramps and most new buildings have them at front entrances and at level changes inside. The problem is that too often these ramps are not being built to building code and architectural barrier standards for the handicapped.

Ramps should have a maximum slope of 1 in 12 or approximately 5%. The slope should not vary between landings, with the landing being level. Directional changes should only occur on the landing. Ramps also need

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handrails. One important requirement of the South Florida Building Code is that level changes less than 2 feet should be accomplished by a ramp. Thus, those couple of mystery steps at your local mall probably should have been a ramp and not a stair.

Handrails have become one of the architect's favorite items for creative and aesthetic details. If the handrail is not designed for the human hand it poses a liability risk. It is important to remember that a plaintiff may have a good case where improper handrails or no handrails were present, even though it cannot be determined what in fact caused the person to fall. Where improper handrails were present or lacking, or a violation of the code established, the plaintiff's case is strongest.

A handrail should be at least 2 1/4 inches clear of the wall, with the ends of the handrail returned to the wall so that sleeves, handbags, etc., are not caught and the stairway user thrown off balance. The rail should be uninterrupted for the length of the stairway and continue horizontally for about one foot at the head of the stairway and about 2 tread widths at the foot of the stairway to lead the user into and out of the stairway. Railings should be within the accepted range of heights above the pitch line of 30-34 inches. The railings should be designed to resist a load of 25 pounds per square foot (PSF) for residences, and 51 PSF for commercial establishments. The South Florida Building Code states handrails must support an applied minimum load of 200 pounds or 50 pounds per linear foot.

Efforts should be made to eliminate sharp edges from the design of stairways to minimize injury when a fall occurs on a stairway. Brick steps with sharp jagged edges can produce serious lacerations, yet the same bricks with rounded edges would probably confine injury to bruising. When a person falls while ascending a stair, the reflex is to put the hands out in an attempt

to break the fall. With rounded nosing the risk of injury is lessened, while sharp edges can result in cuts and lacerations. If there are open risers and the hand misses the tread, the victim may fall forward and hit his face on the edge of the tread.

Injury to the user can be a liability issue for the architect, and

preventive steps should be taken to reduce and limit exposure. Stairs, ramps, and walkway surfaces should meet all local building codes and national standards. Even when foresight and good care is used, there is no guarantee that it will prevent injury or litigation. However, the issue of negligence and standard of care

will be more sympathetic to the responsible architect.

The author, president of Atlas & Associates, Miami, Florida, is a registered architect and nationally recognized expert in security and safety. He has been qualified as an expert witness in forensic architecture.

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A palazzo in the grove

Grove Harbour Coconut Grove, Florida

Architect: Wolfberg/Alvarez & Associates

Principal in charge: David A. Wolfberg, AIA

Project Manager: Marcel R. Morlote, AIA

Project Designer: Rafael Portuondo

Engineering: Wolfberg/Alvarez & Associates

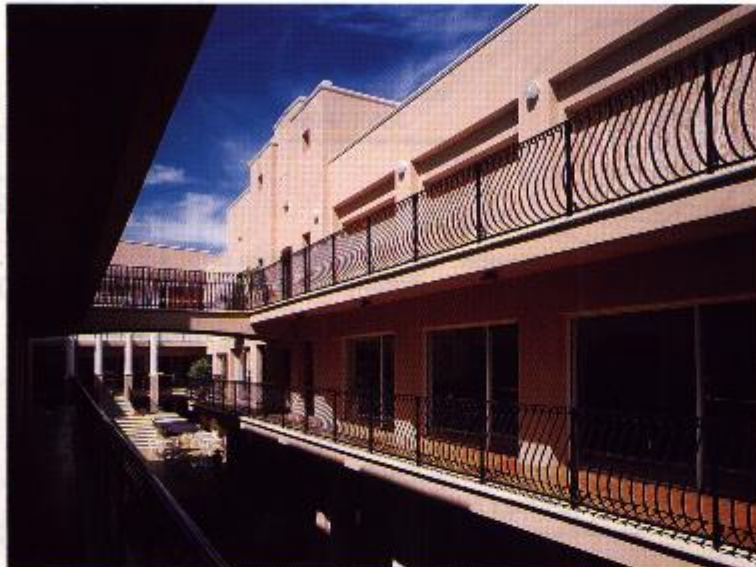
Owner/Contractor: Grove Harbour, Ltd.

Coconut Grove has such a strong village character and so much local flavor that designing any new structure to be built within its borders is difficult. If the goal of the architect is to design a building which maintains the character of the Grove, that task is doubly difficult. Grove Harbour, a new commercial project by Miami architects Wolfberg/Alvarez & Associates, is one such project.

The newly created retail street is a four-story galleria that is heavily ornamented with railings, balconies and pedestrian bridges connecting the upper levels. The 28,000 s.f. center responds directly to the client's need for maximum store frontage while providing tenants with the necessary connection to the street. This retail center is restricted by an extremely tight site which required careful consideration of customer access and movement and parking. The design solution involved the creation of open and inviting spaces, the focus of which is a grand staircase which ascends to a piazza within the galleria.

Photos by Carlos Domenech.





Grove Harbour's open interior functions successfully as an extension of the street and it encourages pedestrian activity. Eight cafe restaurants are located in the grande piazza and offer European-style dining. The top floor features a restaurant with covered terraces which overlooks the courtyard below. Bridges connect all the upper level stores and add to the movement and impact of the space.

After dark, recessed lighting adds emphasis to the show windows and additional torchere lighting heightens the drama of the space and leads shoppers into the courtyard.

Mark H. Smith

The author is Director of Public Relations for Wolfberg Alvarez & Associates.



VIEWPOINT

Medical malpractice review could impact design insurance situation

by George A. Allen, CAE
Executive Vice President

Florida architects and engineers, long beset by problems of locating affordable liability insurance protection, should watch carefully as state government begins to critically review the medical malpractice liability situation.

A blue ribbon committee of academicians and business leaders has issued its preliminary report to Governor Bob Martinez. Charged with looking into problems of affordability and availability of all types of liability insurance, it chose to zero in on medical malpractice because problems in that field seem more serious than in most other areas of the tort and liability insurance systems.

While this conclusion may seem questionable to some in the design and construction industry in terms of increases in cost and exposure levels (and rightfully so), the direction of the committee was probably determined more on the basis of numbers and who can scream the loudest than anything else.

Nevertheless, the blue ribbon committee has submitted its report with findings which are similar to those in other areas of liability claim areas and the Governor has indicated he will call the Florida Legislature into session in December to deal with the problem.

It is important for the architectural profession to be involved in this special legislative session on malpractice, if it indeed occurs, because public policy on these types of questions is rarely totally segregated. Legislation providing solutions for the medical industry will more than likely impact liability and tort law affecting the design and construction area, if not directly in the way laws are enforced, then certainly indirectly through the insurance industry's reaction to them.

Therefore, here are some of the more poignant findings included in the 263-page report issued by the Academic Task Force:

- the cost of medical malpractice liability insurance has increased dramatically in the last eight years with the last two years being the greatest and South Florida being higher than other areas. Availability does not pose a problem; (does this sound familiar?)

- medical malpractice insurers have been slightly more profitable between 1977 and 1985 than the property liability insurance industry as a whole;

- frequency of claims payments in Florida has increased 4.6 percent per year since 1975;

- amounts of claims payments have increased at a compound rate of 14.8 percent per year since 1975;

- attorney fees and other litigation costs represent about 40 percent of the total incurred costs of insurance carriers. Claimants receive 43.1 percent of the incurred costs. Since 1975, the average legal cost of defending a malpractice claim has increased at an annual compound rate of 17 percent; (another coincidence?)

- increased claims frequency results from a greater number of injuries occurring as a result of medical maloccurrences with a much greater likelihood that injured plaintiffs will file claims;

- The Department of Professional Regulation disciplines a relatively low percentage of physicians with multiple paid claims.

The FA/AIA has maintained a Professional Liability Task Force for several years to review problems and solutions to the architect's liability insurance situation. Made up of Jim Anstis, AIA, John Barley, AIA, and Bob Bell, AIA, this group will be folded into a new standing committee in 1988 known as the Practice Development Commit-

tee. The reason for this is that we have found that our liability insurance problems do not stand alone, but are tied in with ongoing governmental considerations and educational needs of the profession.

In the meantime, various proposals have already been introduced to the Legislature. Known variously as the "Ogden Proposal" and the "Gunter Proposal," they address tort reform and increased professional regulation of doctors. Public policy being what it is, the FA/AIA will be monitoring these proposals carefully to determine their impact on the design and construction industry.



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Miami firm designs papal reception platform

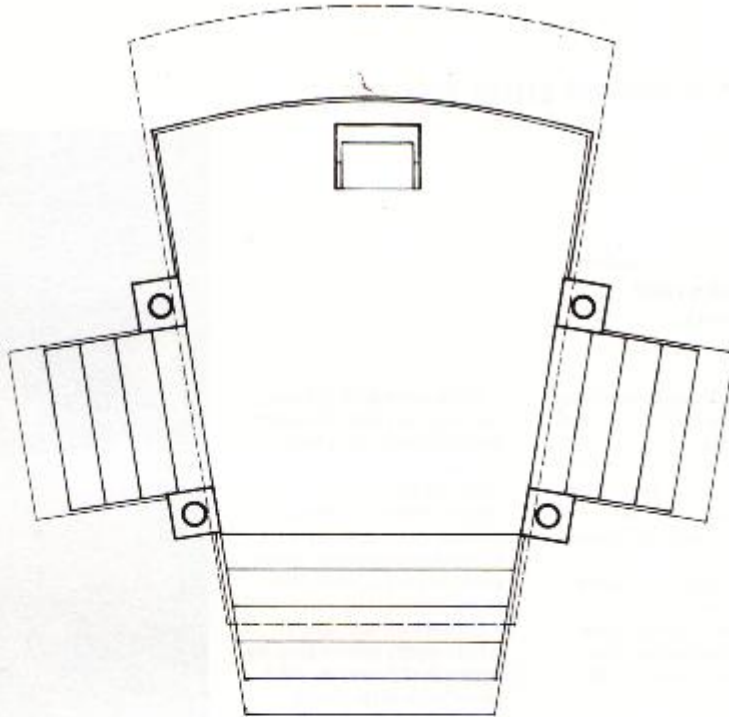
When President Ronald Reagan greeted Pope John Paul II at Miami International Airport September 10th, they stood in the middle of the airfield on an indigo-carpeted podium, under a Pacific Blue sailcloth canopy.

Maspons, Goicouria, Estevez, P.A., Architecture/Planning, Coral Gables, was selected by the Archdiocese of Miami to design this temporary shelter. The Archdiocese required a shelter which could be easily assembled and easily removed, with a size restriction of 8' x 12' x 10' high; upon a 3' high pedestal, accessible by steps on three sides.

The firm wanted a structure which looked temporary but which would provide maximum visibility for this major event. The airfield provided them with the aerodynamic inspiration for the sweeping curve of the canopy, which was, in effect, a transformed inverted section of an airplane wing. Recalling the Baldachino typology as a precedent, the structure also served the purpose of enhancing acoustics and lighting.

While the canopy appeared to be floating in air, it was solidly secured to four independent steel columns. The lightness and color of the structure created the South Florida feeling which the designers envisioned. To provide the appearance of strength, a marble veneer was used to cover supporting columns.

Maspons, Goicouria, Estevez, and Edward J. Gerrets, Inc., General Contractors, donated the services of their firms for this event.



Drawing courtesy of Maspons - Goicouria - Estevez. Photo by Associated Photography, Miami.

State-of-the-art crime solving

The FDLE Orlando Regional Crime Laboratory Orlando, Florida

Architect: Davis & Associates,
Architects, Planners & Land-
scape Architects

Engineer: Mechanical, Electri-
cal, Structural - Tilden,
Lobnitz & Cooper, Inc.;
Civil - Professional Engineer-
ing Consultants

Interior Design: Associated
Space Design

Owner: The Florida Depart-
ment of General Services

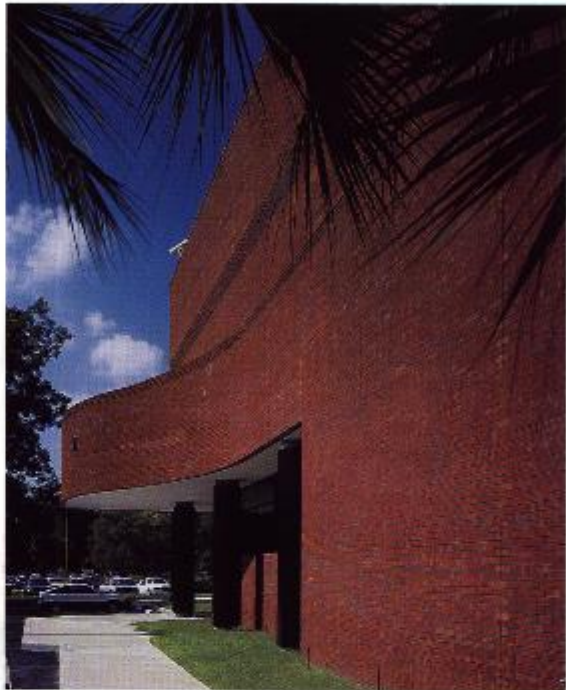
Contractor: Noonan South

Public interest in forensic science has helped bring crime analysis to an increased level of importance on both the state and national level. The result is new and more efficient crime labs in many of Florida's major cities. The newest and largest of these facilities is the Regional Crime Lab in downtown Orlando designed by Davis & Associates. This high tech lab processes ten thousand criminal cases annually. Its design will be a model for future state facilities since it is the first designed exclusively for use as a crime lab.

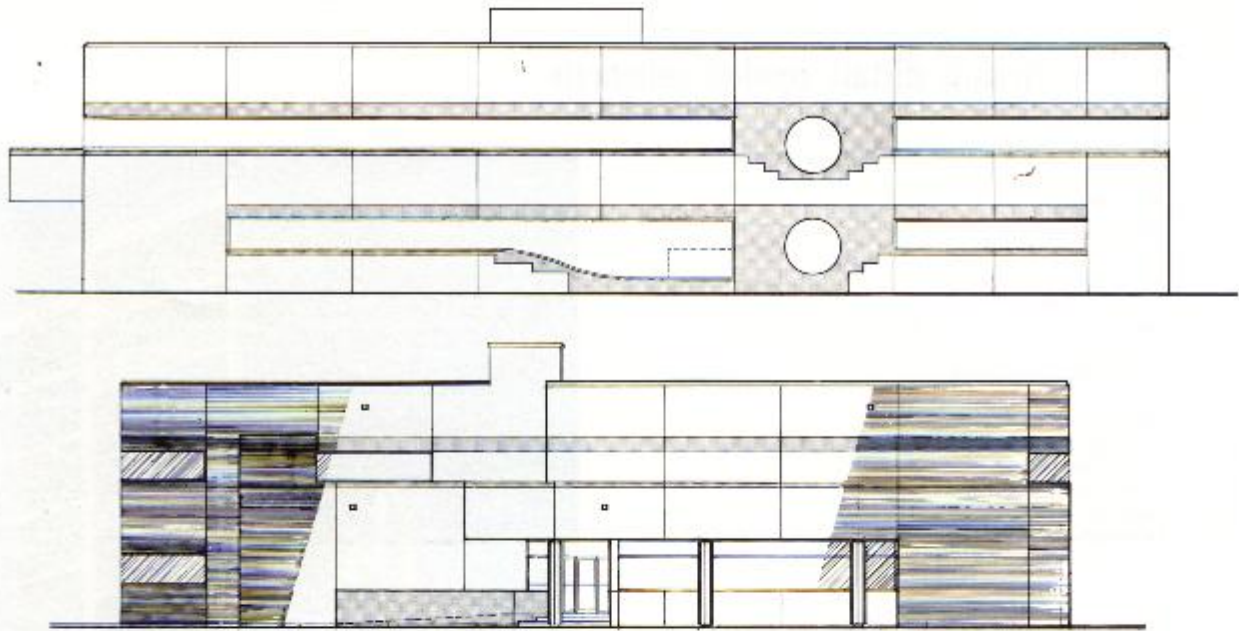
The facility is actually five laboratories incorporating five specialized sections which utilize both laser and infrared analysis systems. Project architect John Page, AIA, felt that the challenge was to design a building that would be operationally functional as well as accessible to the public for tours that would not interrupt the lab personnel.

Public accessibility of the building was a central concern during the building's design. It necessitated extra wide hallways and strategically placed viewing windows. Circulation corridors were designed with recessed display panels where photographs and other documents of interest can be viewed.

An intricate and sophisticated security system protects hundreds of thousands of dollars of state-of-the-art lab equipment and a vault where crucial evidence is stored. Even the air-conditioning system required a unique design.



Photos by George Cott.



The laboratory is a 37,000 square foot, two story concrete structure utilizing a dark red brick exterior with bands of a darker brick and ribbon glazing. The interior corridor walls are a combination of split-face concrete block and sound absorbent wallcovering.

The crime lab renders assistance to municipal, county and state law enforcement agencies for criminal investigations and judicial proceedings. That includes a 24-hour crime scene assistance unit. Any Florida law enforcement agency can use a crime lab to analyze a variety of materials and situations and to furnish expert testimony before the courts concerning examinations of related evidence. The new building allows the Crime Lab staff to offer analysis that was not previously provided due to space limitations. This new building provides a professional atmosphere conducive to effective law enforcement procedures.

Meg Rehse

The author is a writer living in Orlando.

Site constraints dictate condo's silhouette

The Terraces Naples, Florida

Architects: The Design
Advocates, Inc.

Principal-in-Charge: Richard A.
Barnes, AIA

Project Architect: S. David
Joiner

Engineer: Jenkins &
Charland, Inc., structural;
O'Neal Engineering
Associates, mechanical,
electrical

Landscape Architects:
Renfroe Landscape Co., Inc.
Interior Design: Image Design,
Inc.

Owner: Scott and Ray Lutgert/
The Scottsdale Co.

This is the seventh highrise condominium which the developers have built on the Gulf of Mexico and they wanted this one to be different. No more stucco boxes like so many situated around their pie-shaped piece of property. In addition, the condos had to provide views of the Gulf.

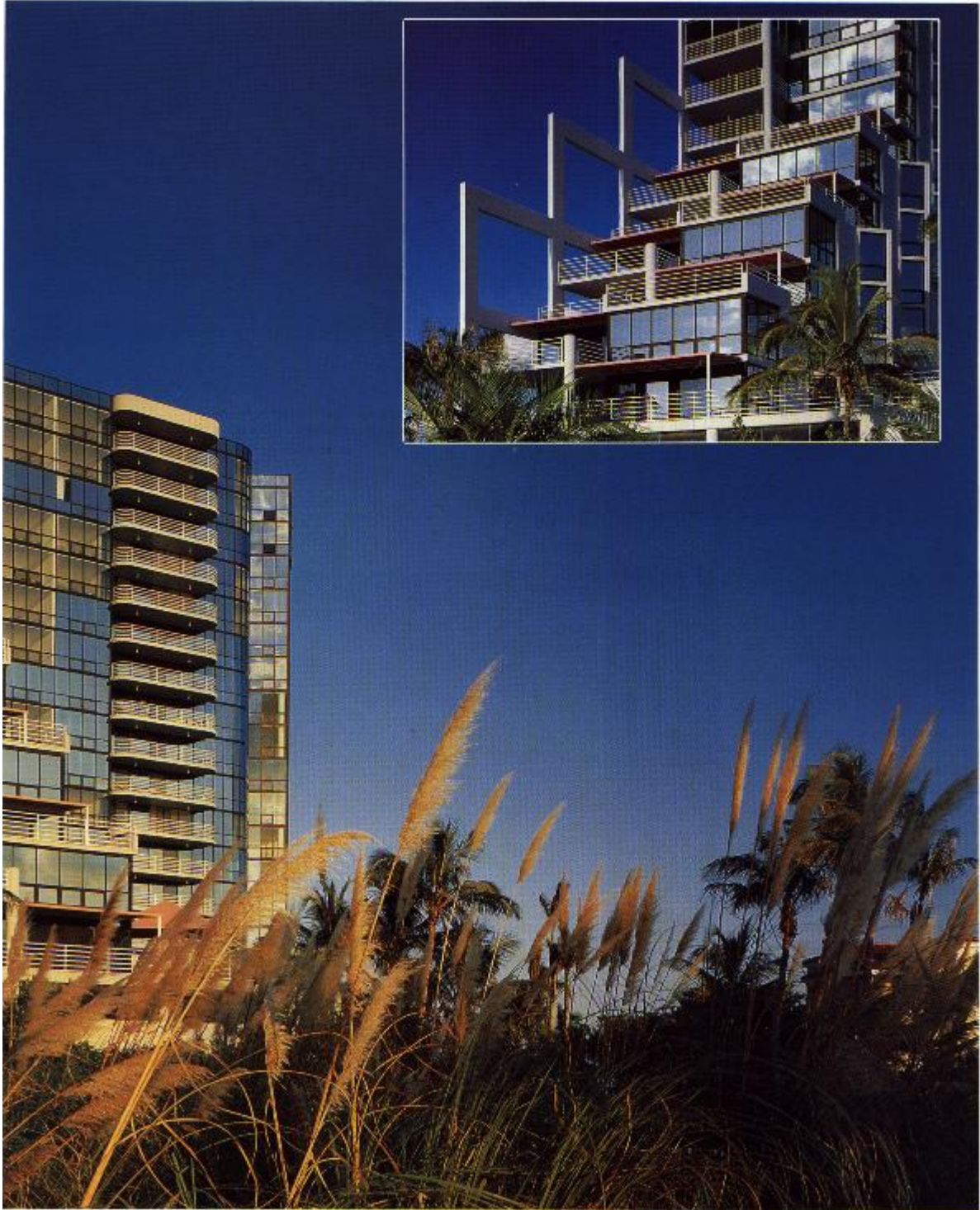
Interestingly, it was these constraints that gave the building its silhouette. There is a concrete grid wall that steps down two sides of the building's reflective glass exterior. The grid gives the units which are adjacent to it the added benefit of large balconies and terraces.

Special attention was given to the design of interior corridors. Each of the 117 unit entries was recessed and staggered, offering tenants a greater degree of privacy. Interior designers with Image Design, Inc. devised a method of color-coding entryways so that visitors gazing down a corridor might never see two entries in the same shade. The color sequence varies, depending on the intricate way in which each floor curves.

Both architect and client were seeking a fresh, yet sophisticated ambience for the building, so pale green celedon marble from Mexico was selected for use throughout the lobby areas and around elevators.

Photos of The Terraces by Gabriel Benzur.







The main lobby of The Terraces was photographed by Gabriel Benzur.

This cool expanse of green spawned the color scheme for the entire building — teal and coral with lavender accents. Curving wall sconces, stone planters and an architect-designed fountain in the lobby repeat the semi-circular shape used on the southeast elevation of the exterior.

Although the pool is located on grade, a circular spa with amphitheatre seating was elevated to the third floor for better views of the Gulf.

The 196,384 square foot structure offers six floor plans to potential tenants ranging to as many as three bedrooms.

Renee Garrison

The author is the architectural writer for THE TAMPA TRIBUNE.





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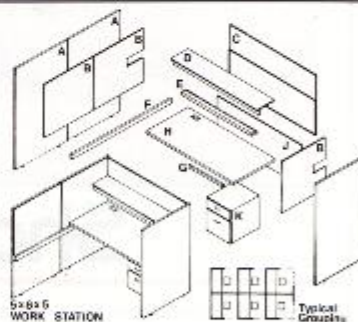
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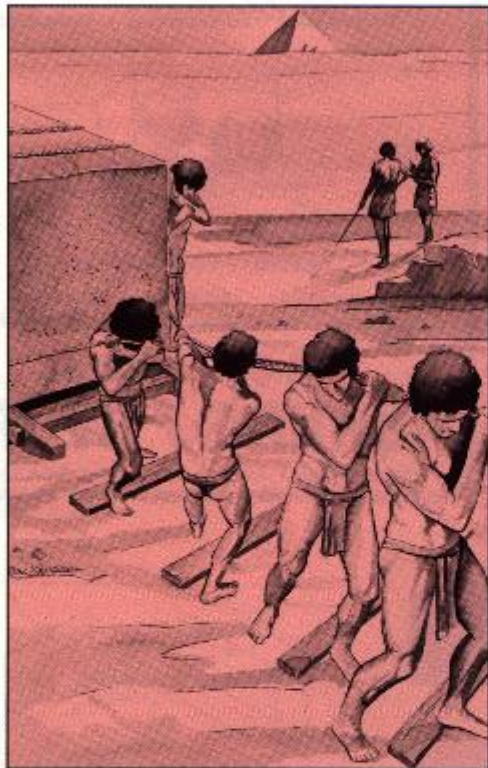


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- J. LOWER PANEL
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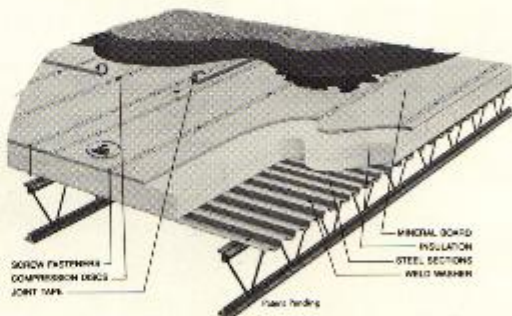
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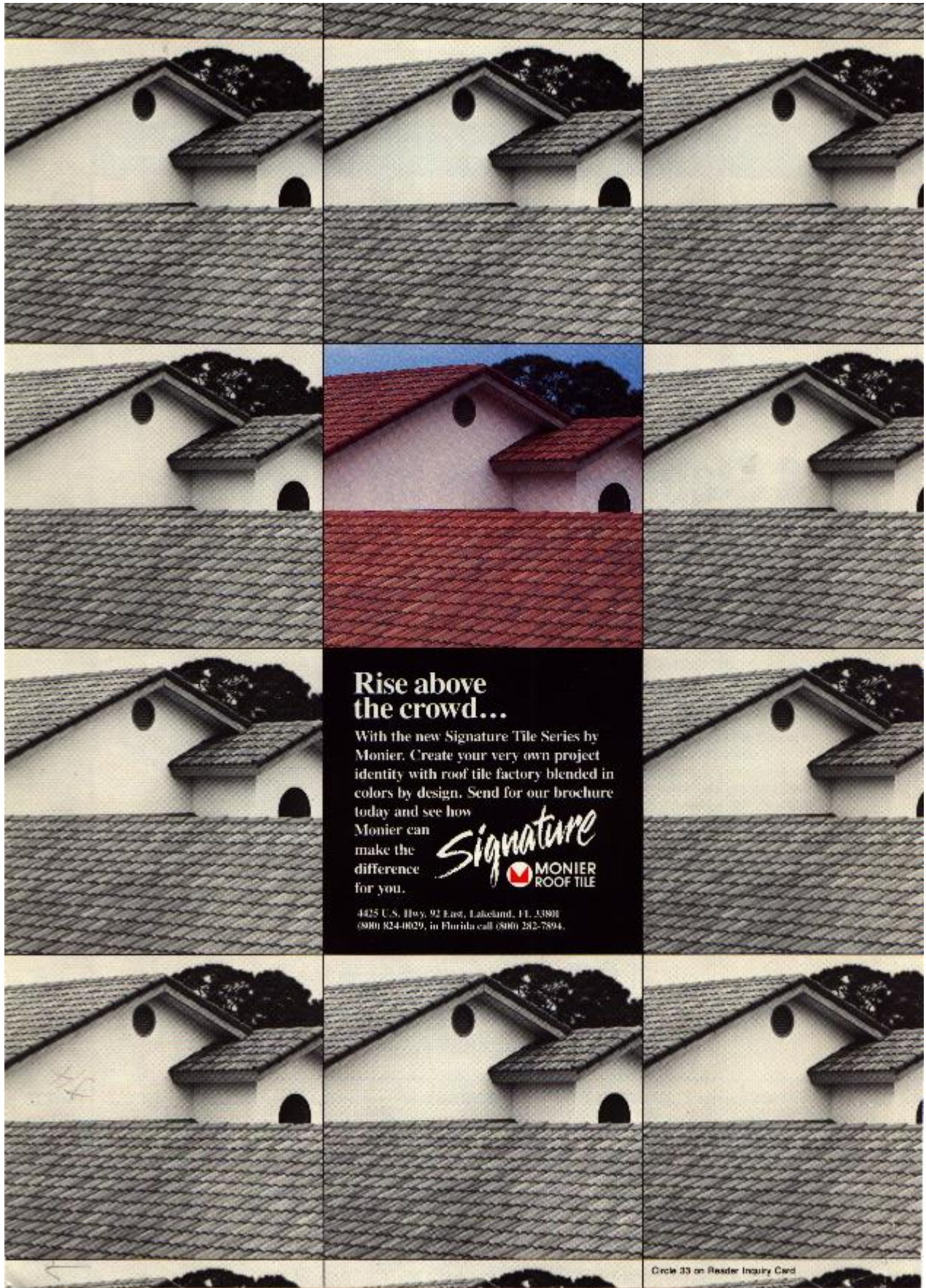
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