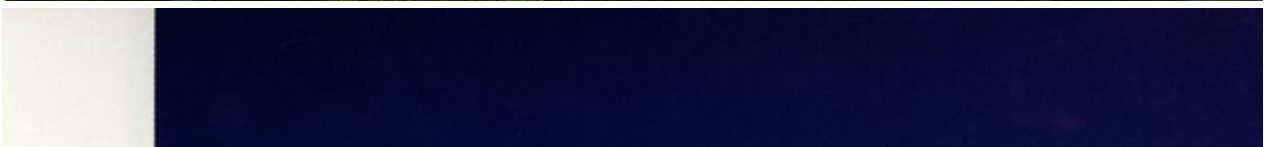


720-6
A 51236

FLORIDA ARCHITECT

March/April, 1989



VERSATILITY.



We at Lifetile insist on being able to conform to your not-so-conventional designs.

It's those kinds of projects that help us stay progressive, at the forefront of our industry.

Because we don't think you should have to adapt today's work to what was available yesterday.

Your designs and Lifetile roofs.
An appreciation for the future.

Whether commercial or residential, we know what you want. Because we listen to what you say.

 **LIFETILE**[®]
Fire-Safe roofing with the Concrete Advantage

Rialto, California (714) 822-4407	Stockton, California (209) 983-1600	Casa Grande, Arizona (602) 836-8100	Katy, Texas (713) 371-2634	San Antonio, Texas (512) 626-2771	Lake Wales, Florida (813) 676-9405
--------------------------------------	--	--	-------------------------------	--------------------------------------	---------------------------------------

Member of National Tile Roofing Manufacturers Association, Inc.

Circle 29 on Reader Inquiry Card



*Now there's Bathstyle,
a reason to celebrate.*

*Sparkling selections in
style and function*

by Elyor



*Bath & kitchen showrooms
... none more elegant*

Call for our complimentary color brochure.

Atlanta 297-8953 • Brunswick 265-2690 • Macon 743-8921 • Columbus 322-8821 • Valdosta 242-2660 • Jacksonville 783-2810 • Miami 477-3045 • Orlando 897-3402

Circle 48 on Reader Inquiry Card



Imagine the possibilities!

KOCH + LOWY

PAF

Browse our gallery walls. Test and select from two of the industry's most respected designers and manufacturers of contemporary lighting fixtures.

Koch & Lowy and PAF present a superb new collection of artistic, innovative designs... well priced and masterly assembled. An ever-changing display of the art of exciting lighting. And, we stock every fixture for immediate delivery.

Call one of our lighting consultants. They're available to meet with you Monday through Friday 8:00 AM to 5:00 PM.

FARREY'S

Distinctive lighting
and decorative hardware
1850 N.E. 146 Street
Miami, FL 33181
Dade: 947-5451
Broward: 524-8675

Circle 17 on Reader Inquiry



March/April 1989
Vol. 36, No. 2

Features

- Homage to Pedestrian Activity** 10
The First F.A. at duPont Centre is an "architecture of roofs" by Morris Architects.
Diane D. Greer
- High-Style Departures From A Busy Port** 16
Port Everglades' new cruise ship terminal was designed by Michael Shiff & Associates for easy travel.
Diane D. Greer
- Creating Value Through Responsive Design** 19
Lyle Fugleberg and Bob Koch are designing for Disney on the firm's 25th anniversary.
"De" Schofield
- Redefining the Urban Core** 22
Olympia Place I by Hansen Lind Meyer is extending Orlando's urban limits.
Ann Farrell
- The Preservation Institute:
Caribbean Challenges UF Students** 26
UF architecture students design a multi-use building that is compatible with Port-of-Spain, Trinidad's government center.
Diane D. Greer
- Light and A Lakefront Site For Learning** 30
The library at the Turner Education Center by Dow Howell Gilmore floats serenely on the water.
Mark Ugowski
- These Kids Are Flying High** 34
Miami International Airport has a childcare center designed by The Russell Partnership to keep the kids busy at the controls of a plane.
Diane D. Greer

Departments

- Editorial** 5
- Viewpoint** 37
Protecting Your Assets: Building A Plan of Action
Barnett I. Chepenik and Donald M. Faller

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. ISSN-0015-3907. It is published six times a year at the Executive Office of the Association, 104 East Jefferson St., Tallahassee, Florida 32302. Telephone (904) 222-7590.

Opinions expressed by contributors are not necessarily those of the FA/AIA. Editorial material may be reprinted only with the express permission of *Florida Architect*.

Single copies, \$2.00; Annual subscription, \$12.00. Third class postage.

Cover photo is of the Cruise Ship Terminal #26 in Port Everglades by Michael Shiff & Associates. Photography by George Miller.

Multiply the Possibilities



VELUX® prefabricated gang flashings let you group VELUX roof windows and skylights in almost any combination quickly and easily. The precision engineering of VELUX gang flashings allows weather tight installation without the need for caulk or mastic. This means no weather delays, no mess, and less chance of callbacks. In

addition, VELUX gang flashings are readily available nationwide in a wide range of standard sizes to meet your building requirements and your deadline.

VELUX

The world leader
in roof windows and skylights.

Sales, Warehousing and Service Nationwide

For more information about VELUX Gang Flashings, send for a free copy of "The Complete Guide to Roof Windows and Skylights", and a price list. Your inquiry will be answered within 24 hours.

VELUX-AMERICA INC. 1-800-282-3342 (in GA)
1865 Corporate Dr., Suite 200 1-800-241-5611 (outside GA)
Norcross, GA 30093

© 1989 VELUX-AMERICA INC. ®VELUX is a registered trademark.

6FA39

FREE 28 page full color brochure

Name _____

Firm _____

Address _____

City/State/Zip _____



Circle 34 on Reader Inquiry Card

Florida Association of the
American Institute of Architects
104 East Jefferson Street
Post Office Box 10888
Tallahassee, Florida 32302

Publisher/Executive Vice President
George A. Allen, CAE

Editor
Diane D. Greer

Assistant Publisher
Director of Advertising
Carolyn Maryland

Design and Production
Peter Mitchell Associates, Inc.

Printing
Boyd Brothers Printers

Publications Committee
Ivan Johnson, AIA, Chairman
Gene Leedy, AIA
Will Morris, AIA
Keith Bailey, AIA
Don Sackman, AIA

Editorial Board
Ivan Johnson, AIA
Dave Fronczak, AIA
Roy Knight, AIA

President
H. Dean Rowe, FAIA
100 Madison Street
Tampa, Florida 33602

Vice President/President-elect
Larry Schneider, AIA
25 Seabreeze
Delray Beach, Florida 33483

Secretary/Treasurer
Bruce Halk, AIA
290 Coconut Avenue
Sarasota, Florida 33577

Past President
John P. Ehrig, AIA
4625 East Bay Drive, Suite 221
Clearwater, Florida 34624

Regional Directors
John M. Barley, AIA
5345 Ortega Boulevard
Jacksonville, Florida 32210

James A. Greene, FAIA
254 Plaza Drive
P.O. Box 1147
Oviedo, Florida 32765

**Vice President for
Professional Society**
Raymond L. Scott, AIA
601 S. Lake Destiny Road, Suite 400
Maitland, Florida 32571

**Vice President for
Governmental Relations**
Rudolph Arsenicos, AIA
2560 RCA Boulevard, Suite 106
Palm Beach Gardens, Florida 33410

**Vice President for
Professional Development**
John Tice, AIA
909 E. Cervantes
Pensacola, Florida 32501

**Vice President for
Public Relations/Communications**
Henry C. Alexander, AIA
Smith Korach Hayet Haynie
175 Fontainebleau Road
Miami, Florida 33172

I met John Newel Lewis in Port-of-Spain, Trinidad last October. We had breakfast in the Normandie Hotel, for which he designed the renovation, and talked about an architecture for the high tropics, the "equatorial tropics," as he calls them. The high tropics, as he described to me in a later letter, are a place "with a climate of fierce light with very dark shade, sparkling bright leaves hiding the full dark shadows deep in the trees, the sudden cloud violently wiping out this contrast; the cooling breezes, high humidity and very heavy rains."

The best school classroom (for architects)," he wrote to me, "is still under the mango tree."

Lewis ought to know. Although he was born in England in 1920 and is a Fellow of the Royal British Institute of Architects, he has been designing buildings for the tropics since migrating to Trinidad in 1953. In addition to authoring several notable books, including *AJOUA: A History of the Architecture of the Caribbean*, he is the current President of a group called Citizens for Conservation. That group has made it a mission to try and save as many of the significant buildings in Trinidad and Tobago as possible. Lewis' descriptions of Trinidad's historic architecture read like poetry and show his conviction for their importance to the history and culture of the island.

"The old houses of Trinidad are of wood with slender timber frames. They rest lightly on the surface of the earth like butterflies, hardly troubling the ground at all." Such is how Lewis expresses many of his thoughts on architecture.

In a letter I received from him last fall, he talked about developing a new thesis which would explain how his style of architecture arose from two influences. First, of course, the imperative of climate, and second, his preoccupation with space and the movement of people within it.

"I am preoccupied with retaining the freedom of the Caribbean man and woman and uniting them with nature. We need to link a hard core of domestic technology with the world outside via a special landscape link. The importance of this is to let man and nature coexist. The space between the house and the highway should be a harmonious domain and that space is important to me. As Frank Lloyd Wright extended the house out, I want to bring the landscape in."

Below is a little self-portrait of John Newel Lewis which, I think, captures the spirit of this man to whom designing in concert with nature is so preeminently important. DG





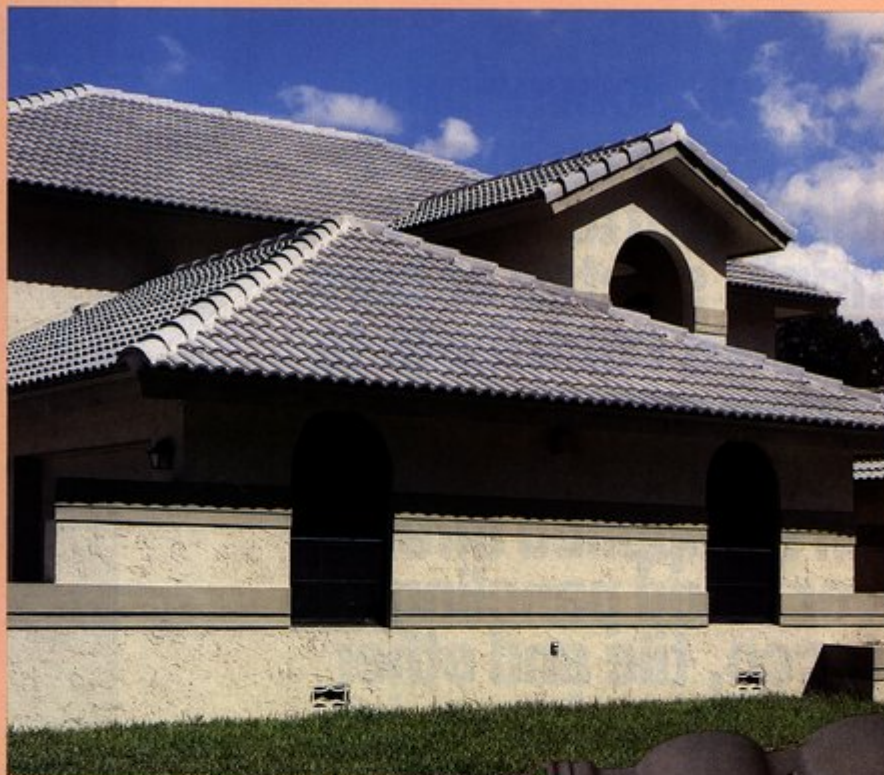
GEORGE COTT

Architectural/Interior Design Photography

CHROMA INC ■ 2802 Azeele Street ■ Tampa, Florida 33609 ■ (813) 873-1374

Circle 30 on Reader Inquiry Card

ROLL MODEL.



New Vanguard™ Roll FasTrack™ Roof Tile from Gory is the perfect example of what's meant by less is more.

Because of its larger double-roll symmetrical design Vanguard Roll requires less pieces per square, only 90. So the structure has to support about 10% less weight. And it takes less time to install.

Yet you have more ways to install it. Either nail-on, batten or mortar-set.

And we have many colors in inventory. All Vanguard Roll roof tile is color-thru, which eliminates repainting. With double weather barriers. And concealed interlocks.

Find out what role Vanguard Roll can play in your next new or remodel project. Write to Gory Roof Tile, 1100 Park Central Blvd. So., Suite 1800, Pompano Beach, FL 33064.

Or call toll free 1-800-223-8453.

(305) 975-7605 locally.

GORY
ROOF TILE

Higher Standards.



**What wallcovering
affords an unlimited
color palette, won't
shrink, stretch or burn,
does not contribute to
mildew growth, rein-
forces the substrate,
can be applied directly
over wood paneling,
stucco, tile and other
problem surfaces, is
available in a variety of
subtle textures, and...
is paintable?**

For local dealer information
and to request our publication
**Ten Good Reasons To Install
Glass Fiber Wallcovering**, call
1-800-88-TASSO (888-2776).



See us in **SWEET'S** Section 09950.

Circle 45 on Reader Inquiry Card

For more information about
Kohler Plumbing Products
see these Kohler distributors:

**Lawrence Plumbing
Supply Company**

Showroom:

5700 W. Flagler St.
Miami, Florida 33144
(305) 266-3338

31 S.W. 57th Avenue
Miami, Florida 33144
(305) 266-1571

405 N. Flagler Avenue
Homestead, Florida 33030
(305) 248-7020

8712 S.W. 129th St.
Miami, Florida 33176
(305) 251-7022

**Wool Plumbing
Supply**

*Distributors of Plumbing
and Decorative Hardware*

Showroom:

5910 Shirley St.
(off Pine Ridge Rd.)
Naples, Florida 33942
(813) 597-8155

Showroom:

1321 NE 12th Avenue
Ft. Lauderdale, Florida 33304
(305) 763-3632

Showroom:

4340 SW 74th Avenue
Miami, Florida 33155
(305) 266-7111

Showroom:

6778 N. Military Trail
West Palm Beach, FL 33407
(305) 863-7788

Circle 6 on Reader Inquiry Card

Commercial Properties

Bardon™ Water-Guard® Urinal. Kohler products have many properties that make them the intelligent choice for commercial applications. Like the Bardon Water-Guard Urinal. We design smart from the start. For example, its patented anti-splash “V” design for better hygiene and reduced area maintenance, and the savings of a one gallon flush. Plus, Kohler’s sales organization and extensive distributor network offer specification assistance and product support. For all the properties you want in a commercial product, depend on Kohler.

THE BOLD LOOK
OF **KOHLER**®



© 1989 by Kohler Co.

Homage To Pedestrian Activity

The First, F.A. Building at duPont Centre Orlando, Florida

Architect: Morris • Architects
(formerly Morris • Aubry
Architects)

Houston, Texas and
Orlando, Florida

Project Team: John H. Wiegman,
AIA; Pete Ed Garrett, AIA;
Gerald Koi, AIA; Eugene
Aubry, FAIA

Landscape Architects:

Herbert/Halback

Consulting Engineers:

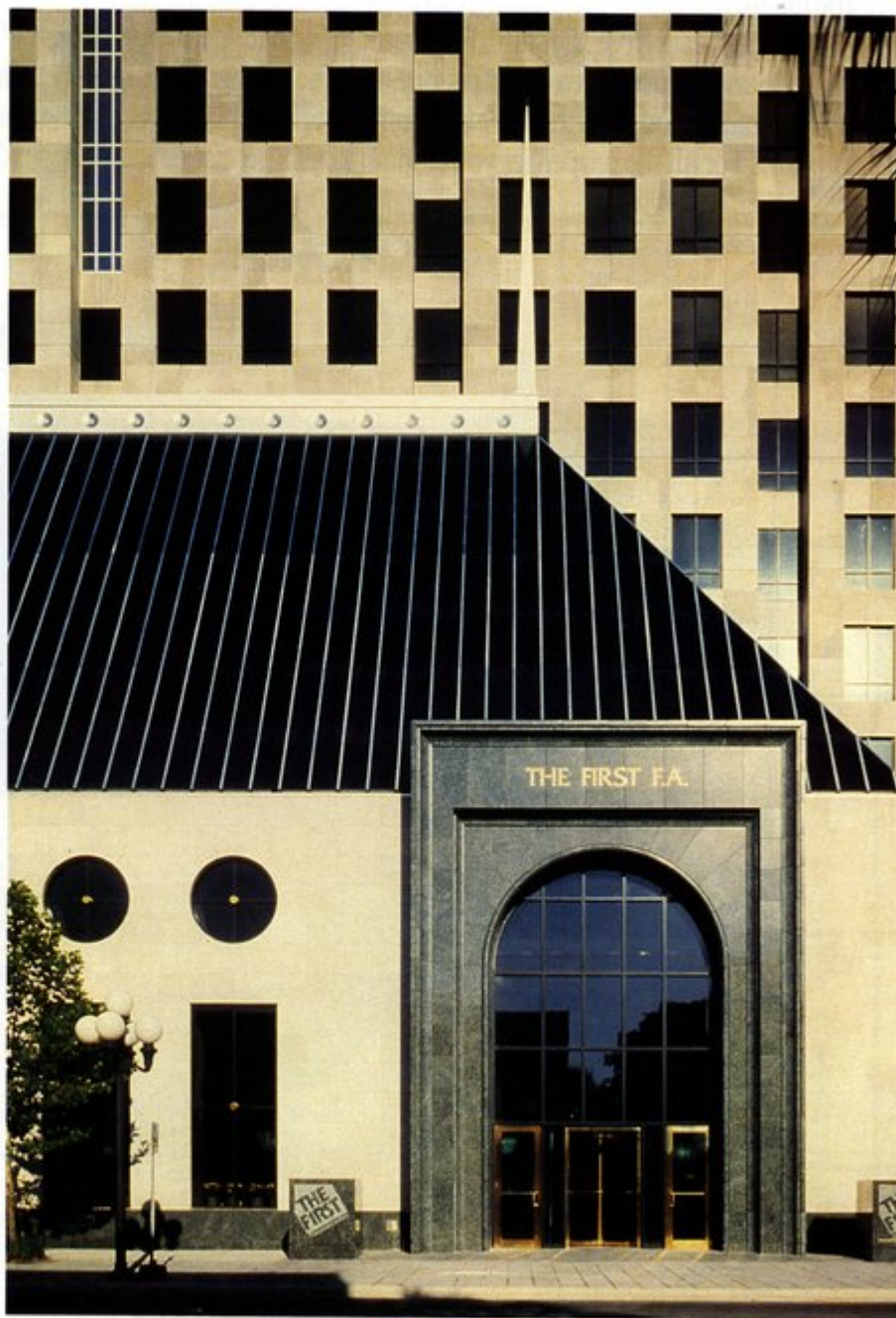
Structural – Walter P. Moore and
Associates, Inc.; MEP – CHP &
Associates Consulting Engi-
neers; Civil – Professional
Engineering Consultants, Inc.

General Contractor: Mellon-
Stuart Company

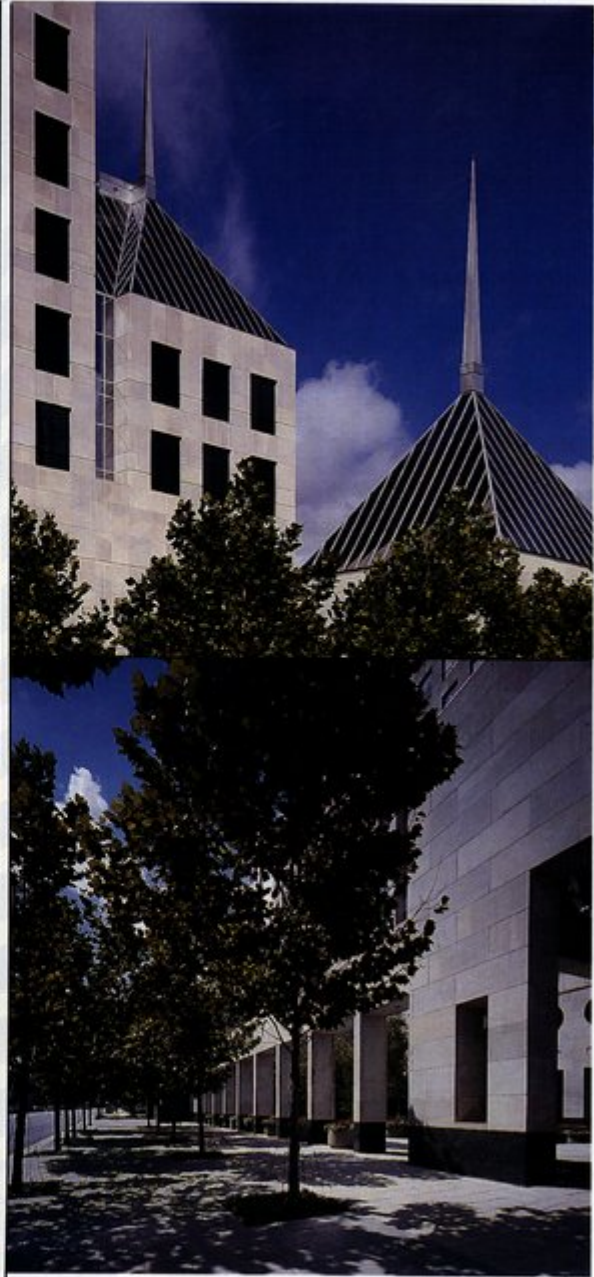
Owner: Pillar-Bryton Partners

It was the client's desire for a classical looking building in contemporary motif that inspired this "architecture of roofs" as architect Pete Ed Garrett refers to the 28-story First, F.A. Building. The massing of the building, particularly in the retail space at plaza level, is more vintage European than contemporary Orlando. It seems to unite the best of old world classicism with contemporary motifs and the result is a high-rise with a dramatic and readily recognizable profile . . . which is just what the client ordered.

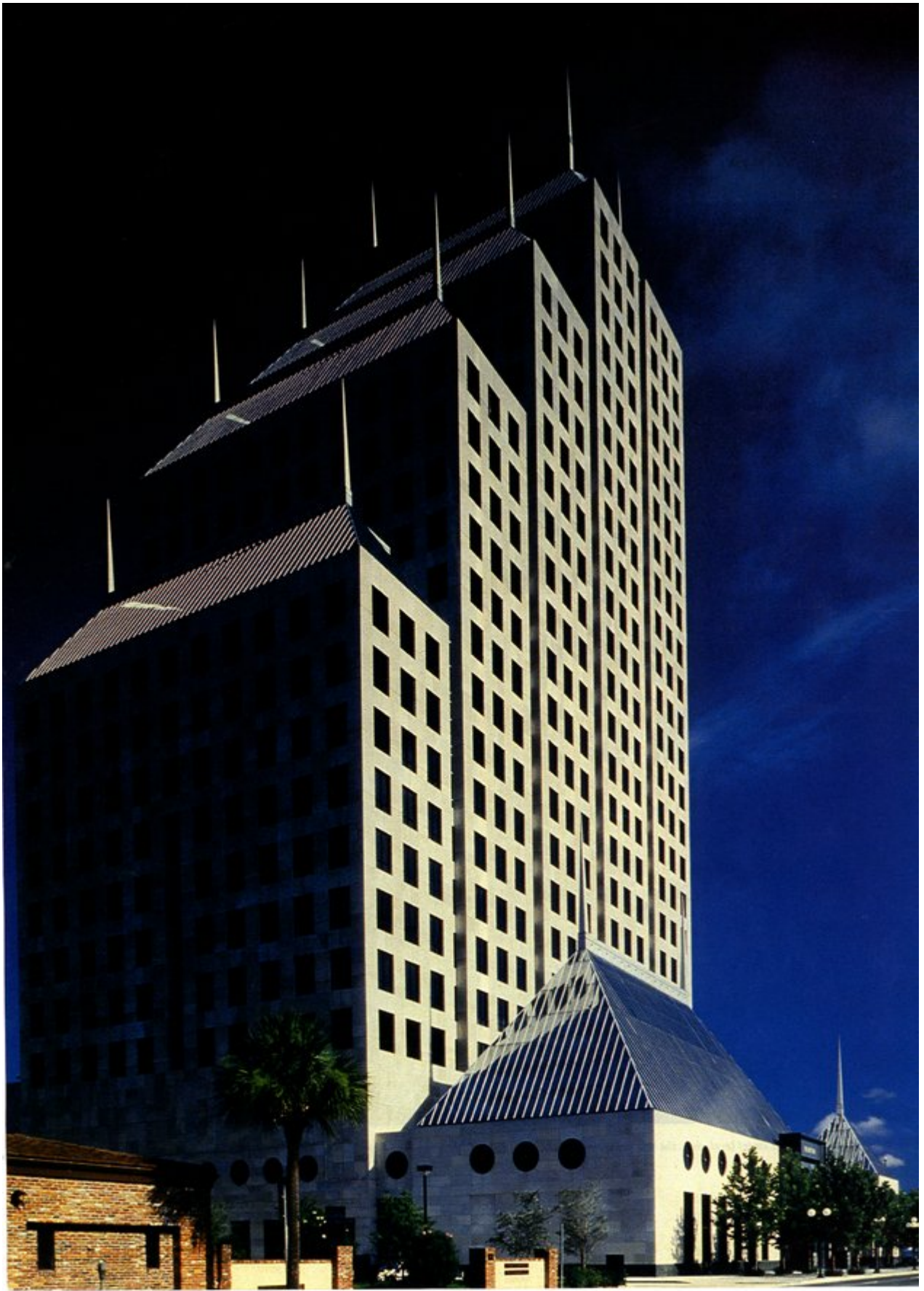
With thirteen acres master-planned, a two-month design process and ten changes between the original design and the final product, the 447,000 square foot building is on a corner site at the junction of two Prime Pedestrian Streets within the Downtown Orlando Streetscape Program. The building is set back from the



Above, main entrance to the Banking Hall. Photo by George Cott. Top right, spires rise from the cluster of rooftops interior of Banking Hall by George Cott. The clock was designed by architect Pete Ed Garrett.



el. Lower right, the arcade at street level gives the building a classical feeling. Photos by Zoom Photographics. Next two pages, photos of stepped facade and



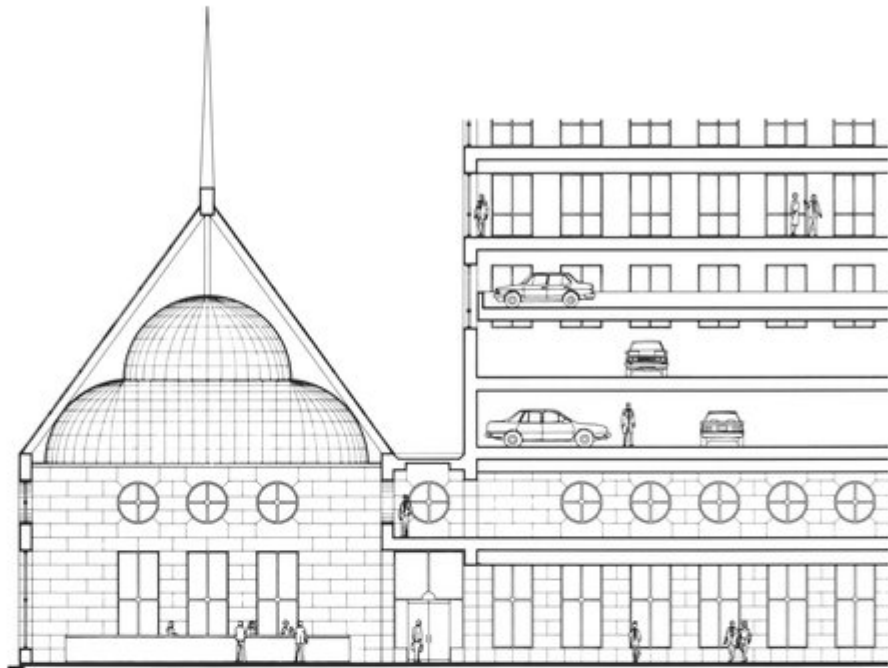


street with smaller scaled components such as the Banking Hall and plaza situated along the sidewalk. It is in this open plaza that the building exudes its most European flavor. The landscaped promenade outside the Banking Hall is a columned space with outdoor seating for the building's restaurant. Flower carts and outdoor concerts add to the feeling that this is a "people space," and reinforce the European feeling of life on the street.

The client's initial design requirement was that the architects create a readily recognizable downtown office building whose major tenant would be a savings and loan association. A Banking Hall was required, as was a parking garage which had to be integrated into the building and bridge a public street.

The main office tower is massed so that it creates stair steps at levels 9, 15, 21 and 25. A sloped, mirrored glass roof caps each of these levels. The glass is a medium gray set in green/black anodized aluminum mullions. The stepped design of the building creates floors of different sizes and provides ten floors with angled greenhouse spaces beneath the roof caps. The setbacks also provide outdoor balconies on four floors.

The Banking Hall with its 70-foot ceilings is reached through the main entrance arch of polished Verde Fontaine granite. The Hall has a pitched, mirror glass roof similar to those of the main tower. Below the roof in the Banking Hall hangs a suspended mirror glass ceiling. The panels that make up the ceiling were sandblasted to create different effects under different lighting conditions. For example, the structure of the pitched roof above the ceiling is silhouetted when the sun is shining. But, the ceiling diffuses incandescent light from the custom-designed, steel and brass torchere lamps when it is overcast or dark outside. Port-



Section, top, courtesy of the architect. Photo of elevator lobby by Zoom Photographies.

holes in the upper wall allow light to enter at a high level and visually hold down the lower part of the building.

The exterior of the building is clad in variegated buff gray Indiana limestone with Verde Fontaine granite base. Throughout the public spaces, floors are of Mondariz Italian granite punctuated with classic white Crema Italian marble squares with a border of Verde Fontaine granite. Beige Spanish limestone was used on all of the lobby walls.

The lofty standards which were set by Pillar-Bryton extended to the art contained in The First, F.A. Building, as well as the architecture. The company's partners wanted "to create an architectural environment that stood on its own aesthetic integrity while also creating a complimentary backdrop for museum quality art." Renoir's "Washerwoman," which was cast in 1917 when the artist was 76, was the first piece of art purchased for display in the building lobby.

Diane D. Greer



Why more leading architects, builders and roofers are specifying Eterna Roof Tile. More and more.

Not only does Eterna Roof Tile enhance the beauty of any home or commercial establishment, but every tile is color-through and unsurpassed in quality by anyone in the industry.

Both our Estate Tile and Skandia® Flat Tile are available in a wide spectrum of standard colors. And of course, we can custom color to your exact needs. The tiles are offered

in a complete choice of profiles and finishes.

Because of their versatile design they may be nailed with or without battens or installed with mortar.

Eterna is family owned and as such can offer personal service. If there's ever a problem, rest assured we'll take care of it. Personally.

Give us a call on your next

project and let us show you first-hand why more and more architects, builders and roofers are specifying Eterna.



The roof tile company with the personal touch.

1201 NW. 18th Street, Pompano Beach, FL 33069. (305) 979-2717.

Circle 4 on Reader Inquiry Card

Skandia® Concrete Roof Tiles are manufactured by a unique extrusion process perfected over 30 years which produces precise dimensioned, strong durable tile used in all climates worldwide.

High Style Departures From A Busy Port

Port Everglades Cruise Ship Terminal 26 Fort Lauderdale, Florida

Architect: Michael A. Shiff & Associates, Inc.

Consulting Engineer: Frederic R. Harris, Inc.

Landscape Architect: Michael A. Shiff & Associates, Inc.

Owner: Port Everglades Authority

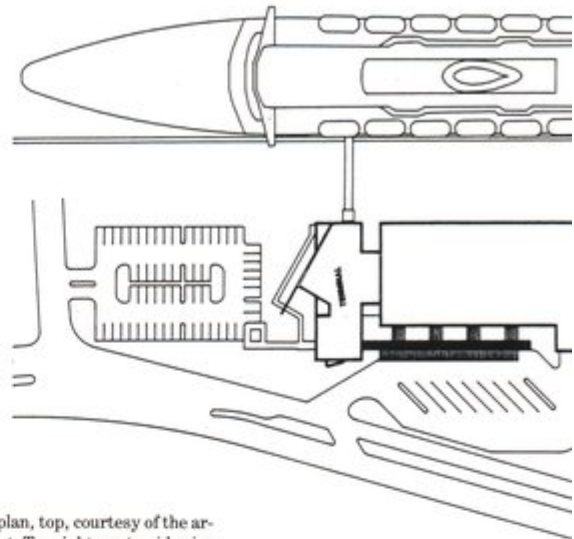
General Contractor: James A. Cummings, Inc.

As many as 750 passengers a day leave from and return to Port Everglades, the second busiest cruise ship port in the world. The challenge presented to the architect by the Port Everglades Authority was to design a secure, comfortable, easily negotiated passenger terminal that would serve the dual function of providing 92,000 square feet of warehouse space. Previously, the port authority utilized portions of existing warehouses as terminals. This approach, while cost effective, provided vacationers with a grim point of embarkation. The Shiff firm's proposal was to separate passenger facilities from storage, but integrate the two areas by means of an exterior canopy system. The canopies cover a baggage dropoff and announce to passengers that they have arrived at the terminal.

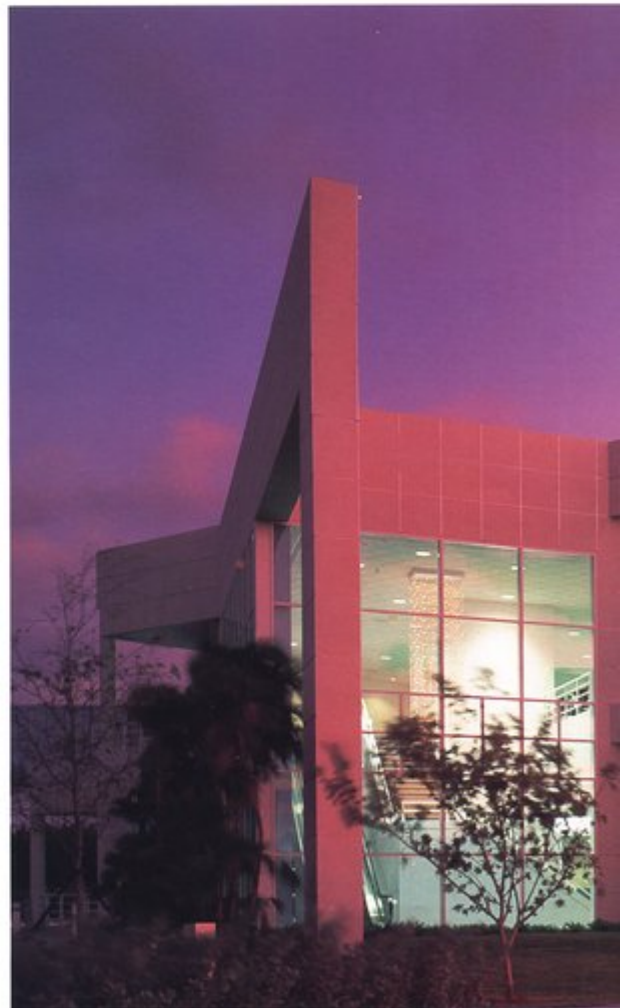
Because of the large numbers of tourists who use the facility, many of whom arrive hours in advance of their departure, the terminal was required to accommodate very large numbers of people for extended periods of time. This created an imperative for a single passenger and luggage inspection point. The debarkation requirements of U.S. Customs were met by funneling passengers through the re-entry area before reintroducing them to public areas. The canopy also serves to cover travelers waiting to leave the facility. By grouping all vertical circulation systems into one area, ship security was easily managed.

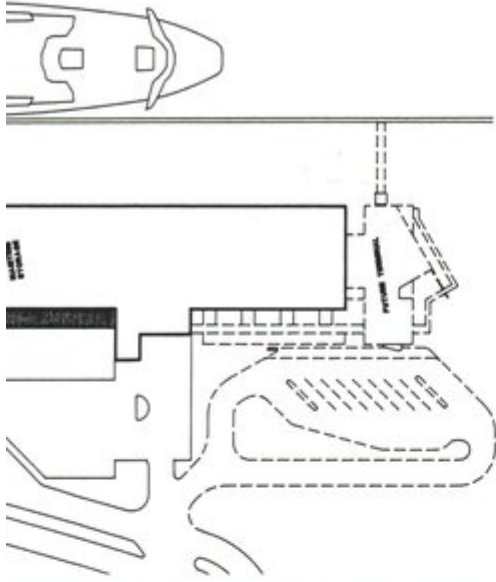
Passengers who may wait for hours to embark on a ship can use comfortable seating and lounge areas oriented toward the harbor. There are also vending areas on each floor.

The 18,000 square foot, two-story terminal was constructed of concrete block bearing walls with a steel bar joist floor and



Site plan, top, courtesy of the architect. Top right, *waterside view and right, north facade at dusk.* Photos by George Miller.







Top left, view toward ship under protective metal canopy. Top, right, view from second floor bridge looking south through canopy. Below, view from second floor bridge into passenger waiting area. Photos by George Miller.



roof system. The exterior skin is applied stone aggregate laid in an aluminum grid system and used in combination with a glass curtain wall. The canopy system is a welded steel pipe covered with a standing seam metal roof.

The handicapped can access all parts of the building easily. Windows are predominantly on the north and east elevations which jointly afford the best views of the water and helps reduce the heat load inside the terminal.

The project was designed to allow for the construction of an additional terminal which would accommodate the new 2,000-passenger super ships currently under construction.

Diane D. Greer

Creating Value Through Responsive Design

Caribbean Beach Resort Walt Disney World Orlando, Florida

Architect: Fugleberg Koch Architects

Developer: Disney Development Corporation

Owner: Walt Disney World Company

Consulting Engineers: Mechanical/Electrical/Plumbing/

Fire Protection – Grant Engineering; Structural – O. E.

Olsen Associates; Civil – Boyle Engineering Corp.;

Geotechnical – Jamal & Associates.

Landscape Architect: Edward D. Stone, Jr. and Associates

General Contractor: Frank J. Rooney Construction Company and Turner Construction Co.

Interior Design: Wilson and Associates

Graphics: David Carter Design

Things seem to have come full circle for Orlando architects Lyle Fugleberg and Bob Koch. Early in their partnership, and before Disney World opened, the team was approached by Johnny Weismuller to design what was to be called Tarzaland. In response, the firm launched an exhaustive research effort. They visited Disneyland in California and other theme parks, they measured and timed rides, evaluated visitor enjoyment and so on. The project never came to fruition, but not for lack of research on the architects' part. From the palette of ideas and the understanding of theme parks that they derived from their months of research, many of the con-



This page, top, the main tower of the Barbados resort and left, the village pool in the Barbados resort. Photos by Erin O'Boyle.

cepts they developed, such as exotic amusement parks, contemporary zoos and a world showcase of ancient cultures, later found their way into other theme parks such as Busch Gardens and EPCOT.

This year, as Fugleberg Koch celebrated its 25th anniversary, their newest design for Disney opened in Orlando, the Caribbean Beach Resort.

The history of Fugleberg Koch has mirrored Central Florida's thriving economy. Their staff has grown to 70 architects, designers, artists and technical support people, making it the largest home-based firm in Central Florida. It has completed work on over 50,000 multi-family housing units, 10,000 resort rooms and 3 million square feet of retail office space. The practice is now international in scope. FKA's founding partners credit the firm's staying power to its adaptability to changing conditions and responsiveness to client needs.

While signature architecture and over-emphasized style are always a temptation, the firm remains true to its creed that architecture must begin with the client and his or her objectives. This philosophy by no means ignores the importance of style and aesthetics in a project, but rather extends the design to embrace immediately relevant criteria. By maintaining a business attitude that tempers practice with prudence, FKA has been able to adapt designs to serve the client's business program.

In the practice of architecture, the challenge is so intense in every regard that a successful firm needs the best minds, the best skills and the most creative thoughts applied in all areas. At FKA, a team approach plays an extremely important role in meeting those challenges.

In competing for, and ultimately winning, the design competition for the Caribbean



Beach Resort at Walt Disney World, FKA pulled out all the stops. Challenged to produce a theme concept, the firm looked to past experiences as well as their recent designs for resort communities in the Caribbean. The firm's sensitivity to market trends and first-hand knowledge of Caribbean culture resulted in a concept consisting of five different villages, each reflective of a particular island's culture and character. Other design elements include a "Customs House" which serves as a guest registration facility and an "Old Port Royale" restaurant and entertainment center reminiscent of an old world Caribbean village. Costuming, props and interior decor complement the theme.

All villages and prime features of the 200-acre, 2,112-room resort are grouped around a 32-acre lake. Each village has its own pool and beach, with the lakefront "Old Port - Royale" the focal point of the resort. A main pool with castle ruins and water canons, an exotic playground and picnic island and a lighthouse marina with facilities for sailing and paddleboating are also featured parts of the resort.

With all of these amenities, the Caribbean Beach Resort was targeted for the intermediate range hotel market. With rooms under \$100 a night, the program included definite budgetary constraints which the architects were able to meet. The success of the resort since its opening last fall has resulted in Fugleberg Koch's involvement with Disney in developing future resort projects.

"De" Schofield

The author is a writer living in Maitland. She is the owner of Schofield Public Relations, Inc.

Top, a residential building, beachside, in the Martinique resort and below, the lighthouse at Old Port Royale. All photos by Erin O'Boyle.



Above, Lyle Fugleberg, left, Bob Koch.

Opposite page, top, the pool at Old Port Royale and below, the Custom House interior. This page, top, a residential building, beachside, in the Martinique Resort and left, the lighthouse at Old Port Royale. Photos by Erin O'Boyle.

Redefining the Urban Core

Olympia Place I Orlando, Florida

Architect: Hansen Lind Meyer,
Inc. Orlando, Florida

**Engineering, Landscape and
Interior Design:** Hansen Lind
Meyer, Inc.

Construction Manager:

Turner Construction

Owner: Olympia & York South-
east Equity Corp.

By extending Orlando's urban core and linking northerly neighborhoods to the downtown central business district, Olympia Place became a gateway building and a prominent addition to Orlando's skyline. At Olympia Place, a residential scale retail base was merged with a 19-story office tower. For the first time, the fabric of Orlando's downtown neighborhood connected with highrise commercial development.

Developers Olympia & York wanted to create a downtown Florida environment that would offer mixed-use office space and a variety of amenities for its tenants. Their philosophy was to promote a strong business community, build a larger floor plate than was available in the existing marketplace and operate the building with maximum energy efficiency.

Studies by the architects revealed both the potential of the site and of stretching the business sector to its natural boundaries of Lake Ivanhoe on the north and Lake Lucerne on the south. Olympia Place was designed with an arcade along the perimeters of the site, landscaped plazas and a lobby that was conceived as an extension of the entrance plaza. Red brick paving, used in Orlando's downtown streetscape, was brought into the entrance plaza and combined with granite aggregate concrete. A generous amount of lobby space was provided for both public use and that of the Florida National Bank, the anchor tenant. This space was planned as a lively environment for community





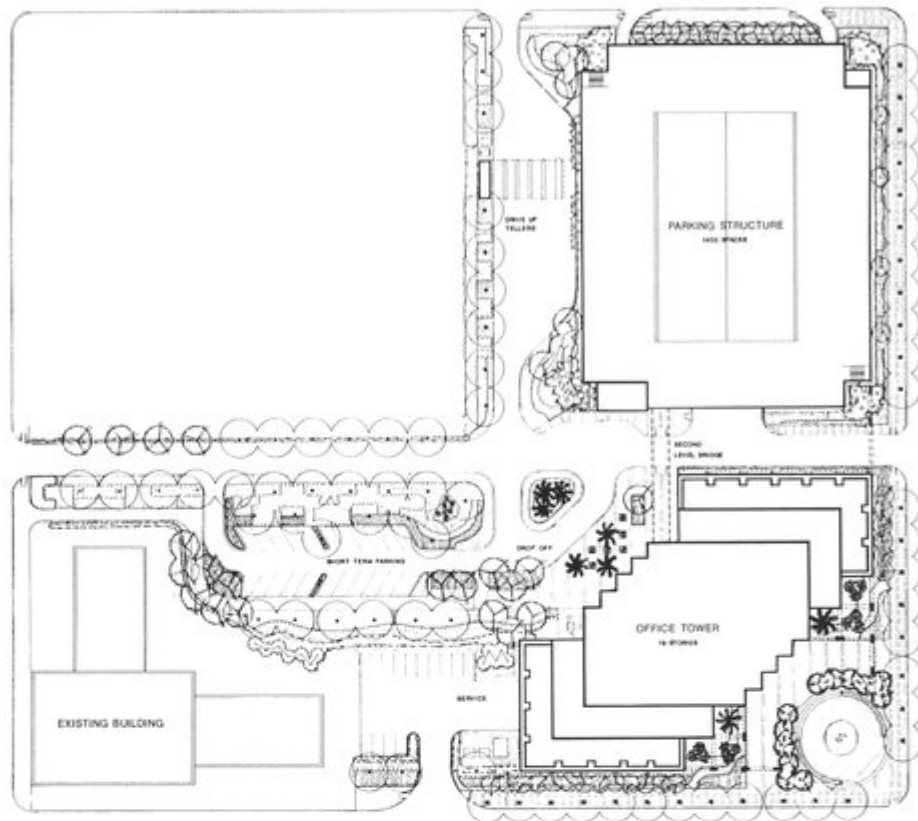
cultural exchanges and educational activities.

To underscore the sense of permanence that both the architect and the developer wanted to convey, a Finnish rose granite was used on the exterior of the building. The polished stone retains its richness in the Florida sun and conveys an image of stability. In contrast to the warmth of the stone, HLM's Chuck Cole incorporated cool silver glass into the exterior scheme. The curtain-wall design with reflective glass provides significant operating efficiency. From an aesthetic standpoint, the sawtoothed faceted exterior skin permits an abstract reflective interplay between glass and stone that changes constantly.

Typical multi-tenant floors contain 19,600 square feet of usable space and are designed to be laid out to suit tenant needs. Each floor has a central core and a looped corridor system. On the upper levels, the floor plan of the 245-foot tower creates 12 corner offices with commanding views of the city. Structural bays are 25-foot-square flush plate construction. Four thousand yards of concrete were poured in 18 hours to form the tower's five-foot-thick mat foundation. At roof

Left, the Magnolia Avenue entrance is attained via a public plaza. The parking structure can be seen on the right. This page, top, the double grand staircase facilitates pedestrian movement between entrance lobby and upper concourse. Bottom, granite, glass and faceted corners interact as light changes. Photos by Philip Eschbach.





Site plan, right, courtesy of the architect and below, the public plaza photographed by Philip Eschbach.



level, a mechanical penthouse contains three chillers, which operate in various combinations for maximum efficiency. On each floor a separate air handler allows individual flexibility for climate control, and units may be turned off when offices are unoccupied.

Adjacent to the tower, a sky-bridge connects Olympia Place with its eight-story, 1,426-space parking garage. Glass-backed elevators and the glazed pedestrian bridge, which is on the retail mall concourse level, extend building security to the parking structure.

Ann Farrell

The author is a writer living in Iowa City, Iowa.

AMERICAN CLAY PRODUCTS CORPORATION

American Clay Products Corporation, located at Port Manatee, Florida is the largest manufacturer of 100% clay roofing products in the Southeast. Our 125,000 sq. ft. factory encompasses the largest roof tile kiln in the world with a capacity of 60,000 square feet per day.

Our American facility provides prompt delivery and complete inventory with excellent quality control. Samples and prices available upon request.



Contact us for complete and detailed specifications and installment recommendations.
13838 Harlee Road • Palmetto, FL 34221
(813) 723-1600 • Fax (813) 722-7743 • 1 (800) 999-6939

Circle 3 on Reader Inquiry Card

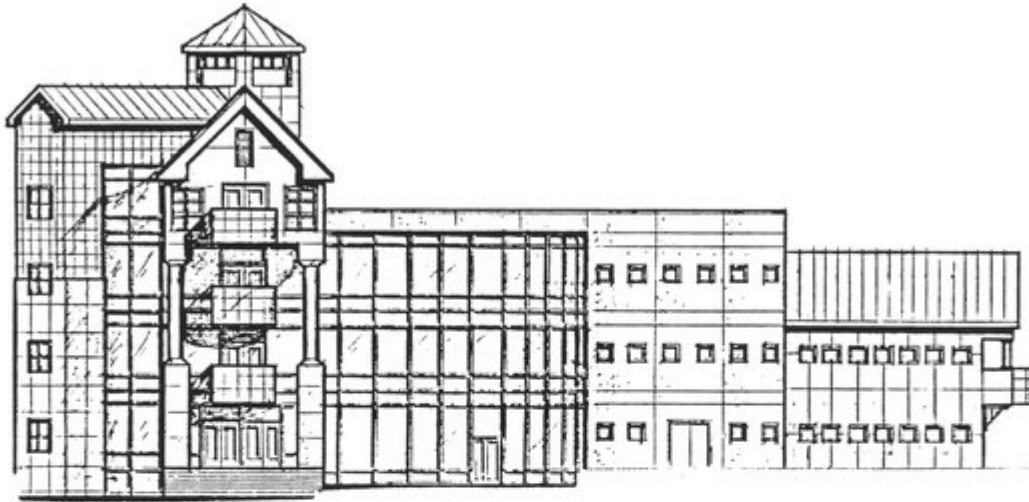
The Preservation Institute: Caribbean Challenges UF Students

Last October, I accompanied Professors Susan Tate and Herschel Shepard, Assistant Dean Ralph Johnson and seven graduate students, all from the University of Florida College of Architecture, to Port-of-Spain, Trinidad. The trip to Trinidad was the second for Shepard and Tate and a group of students who had visited the island a year earlier as the guests of the Trinidad and Tobago Tourist Board, the Ministry of Planning and Reconstruction and Citizens for Conservation, a local group whose concern is for saving what remains of Trinidad's historic architecture. The 1987 project involved developing design guidelines and a compatibility study for the historic Victoria Square District in Port-of-Spain. Based on the success of the 1987 effort, the group was asked to return in 1988 and expand their efforts to include a context study of the area surrounding the Republic's parliament building and a compatible design study for an adjacent site. With the cooperation of BWIA Airlines, the Normandie Hotel in Port-of-Spain and Internet CTD of Miami, the UF group returned to the island with the goals of developing a feasible plan for the government center which would include the adaptive reuse of the historic Fire Brigade Headquarters which is adjacent to Red House, the seat of government. While professors and students diligently measured, made notes and sketched, Ralph Johnson, the assistant dean of the College of Architecture, actively pursued funding for the future expansion of the University of Florida's links with the Caribbean.

None of this was a short time coming. The Trinidad-Tobago project, while hopefully the second of many others in the Caribbean, came about as the result



Window detail of Second Empire-style "Red House", Port-of-Spain's government center. The site developed by UF students is across the park in the background. Photo by D. Greer.

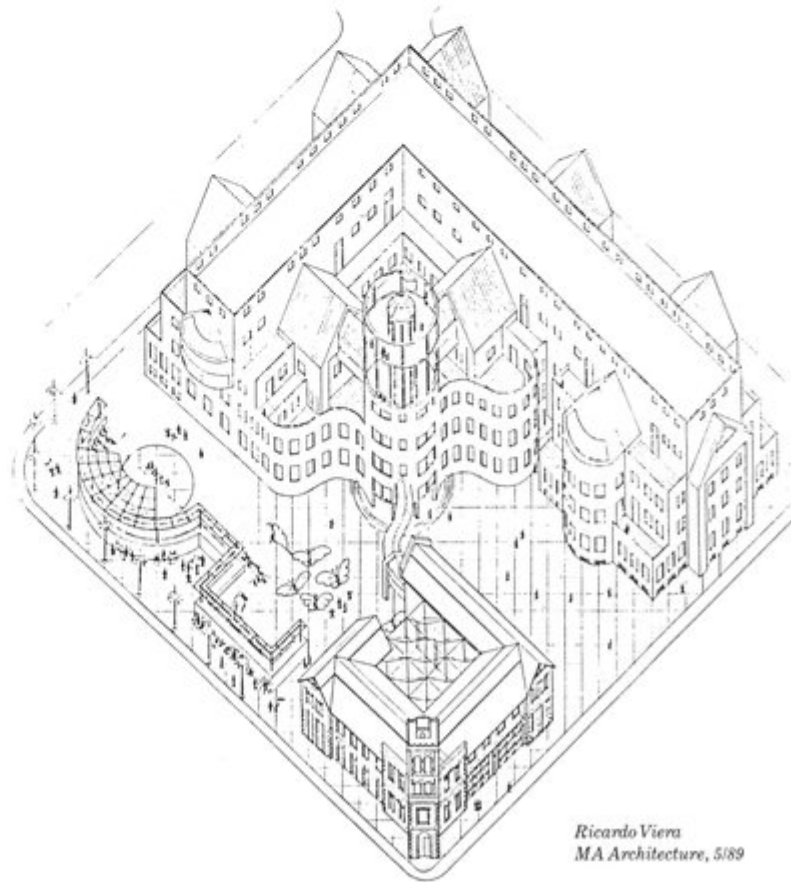


Kevin Stubbs
MA Architecture 5/89

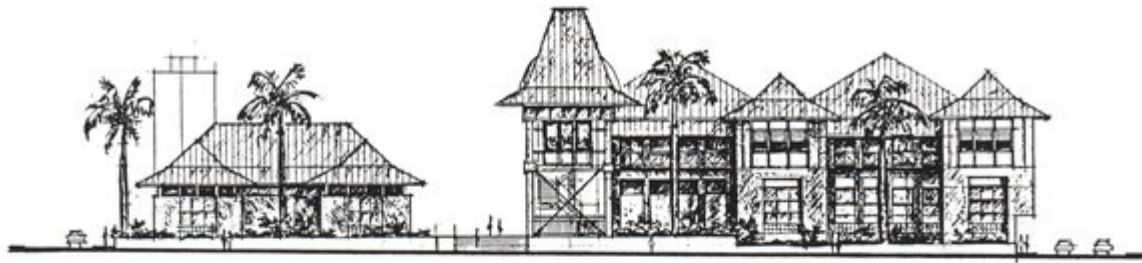
of a program at UF that began nearly two decades ago.

UF Professor Blair Reeves, a Fellow of the AIA and the recipient of the 1988 Crowninshield Award for his work in historic preservation, initiated coursework in architectural preservation following his involvement with the Historic American Buildings Survey. Shortly thereafter, a program of graduate studies evolved which allowed students to specialize in architectural preservation as part of their work toward the Master of Architecture degree.

Increased public interest in preservation helped initiate the UF Research and Education Center for Architectural Preservation (RECAP) and ultimately a multi-disciplinary program in architectural preservation came into being. This year, a proposal is being set forth for a new Master of Science in Architectural Preservation, a degree that would emphasize preservation technology and administration.



Ricardo Viera
MA Architecture, 5/89



David Krumbholz
Master of Architecture, 5/89

Through the years, the Preservation Institute: Nantucket has become legendary in its reputation as a training ground for preservation students. The Nantucket program was founded in 1972 by Blair Reeves and Walter Beinecke, Jr. and this year, \$2.5 million worth of facilities on Nantucket are being donated to the University of Florida for housing and studio space.

The Preservation Institute: Caribbean is a program that focuses on Florida's role as a part of the Greater Caribbean region. Established in 1982 by Professor George Scheffer, AIA, the program is important to furthering communication in the Caribbean in the area of architectural preservation.

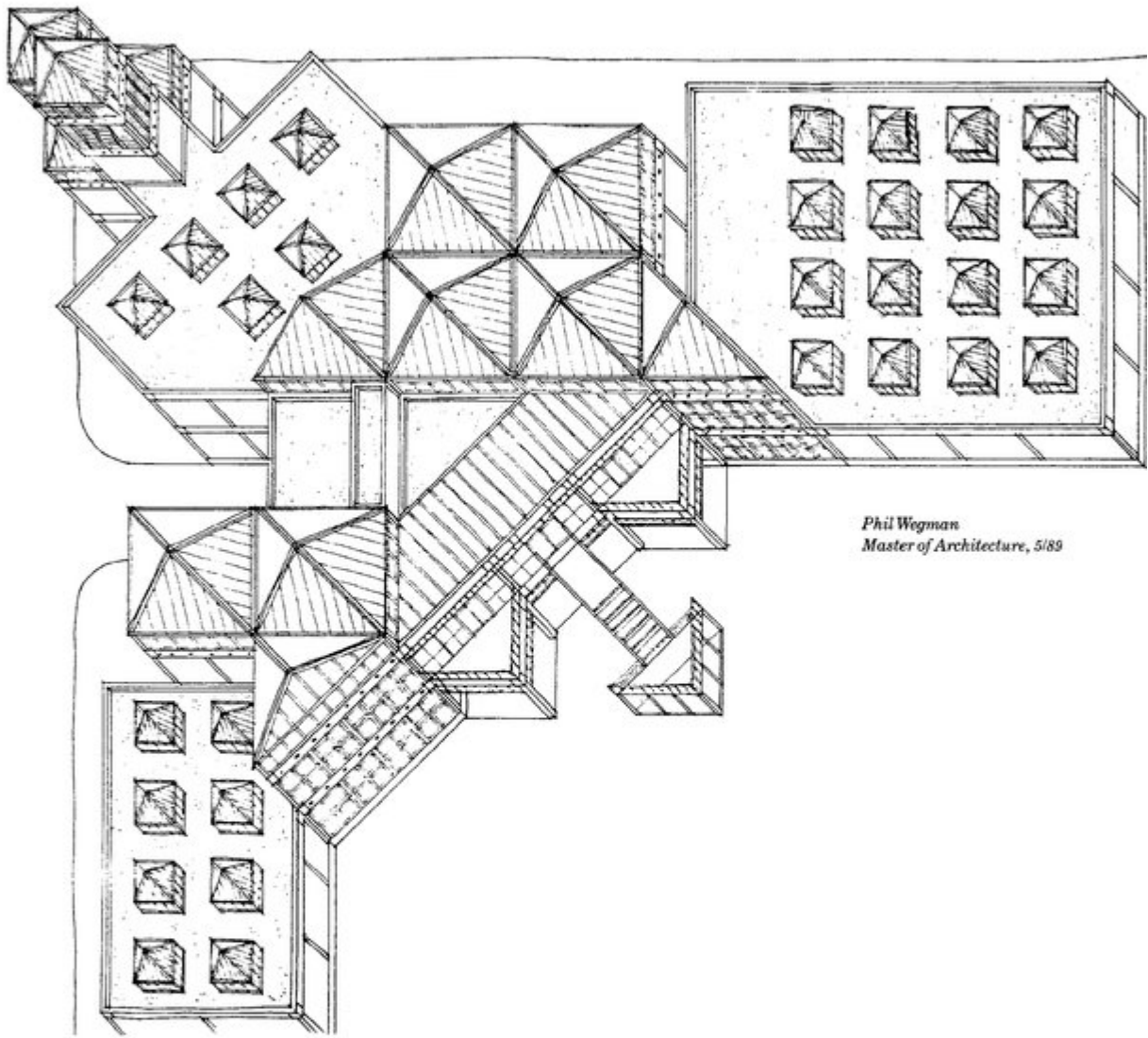
In October, Shepard, Tate, Johnson and I boarded a BWIA Airliner in Miami in the company of seven graduate students enrolled in a course titled "Preservation Programming and Design." The students, one of whom is a doctoral candidate, are all due to receive an M.A. in Architecture in 1989. Their mission, which had to be accomplished in sub-tropical temperatures, was to analyze Port-of-Spain's existing government building (known as Red House) within the context of the area between it and the waterfront and propose a compatible use for the design site adjacent to it. There is one



Todd Steighner
Master of Architecture, 5/89



Steven Grube
Master of Architecture, 5/89



*Phil Wegman
Master of Architecture, 5/89*

historic building extant on the site. An implied project imperative was that all design work be compatible with the flavor of the island and its people, its architecture and its climate.

Participating in the program were Ph.D. candidate Lucy Wayne and Masters candidates Dave Krumholz, Todd Steigh-

ner, Ricardo Viera, Kevin Stubbs, Phil Wegman and Steve Grube. In December, student presentations representing the culmination of many hours of work spent on the Trinidad project were presented before faculty. Some of the results of that work appear here.

Preservation Institute:

Caribbean presents students with a unique opportunity and a unique set of challenges. As Trinidad architect John Newel Lewis stresses in his writings and drawings, the architecture of the Caribbean is firmly rooted in a way of life and it is an architecture that is vulnerable and subject to change if the

proper steps are not taken to prevent it from happening. At a much more fundamental level, Florida architecture is, to a great extent, like Caribbean architecture. There is much to be learned from the Caribbean experience that would help a future Florida architect.

Diane D. Greer

Light and a Lakefront Site for Learning

**Turner Education Center
Northwood Institute
West Palm Beach,
Florida**

Architect: Dow Howell Gilmore Associates, Inc.
Engineers: Structural – Gargiulo & Associates, Inc.; Mechanical/Electrical – Brabham, DeBay & Associates
Interior Design: Dow Howell Gilmore Associates, Inc.
General Contractor: Weitz Company, Inc.

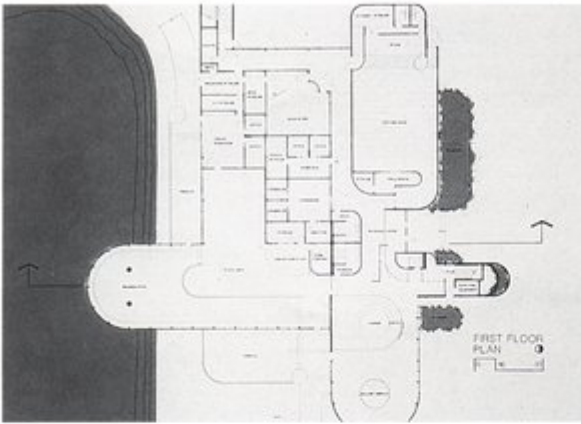
Designed to take full advantage of its campus' naturally picturesque setting, the Turner Education Center was designed by Dow Howell Gilmore to act as both the visual focus and the "brain" for the expanding, 80-acre Northwood Institute in West Palm Beach. The 38,000-square-foot facility houses faculty offices, a central administrative suite and an art gallery. Seven multi-size classrooms and a 200-seat lecture theater accommodate both academic and cultural activities. The building's computer center will monitor all energy use, security, fire alarm systems and exterior lighting for the entire campus.

Utilizing a combination of skylights, two-story spaces and floor-to-ceiling glass, this multi-use education center provides its occupants with an exciting variety of naturally lit spaces and views of its spectacular site. Special care was taken to maximize controlled sunlight into the facility which minimizes the need for costly artificial light and provides dynamic spatial effects. A series of rounded, stucco bands undulating in and out of the primary form of the two-story mass creates a softened, sculptural feel and provides effective sunscreening for window areas.

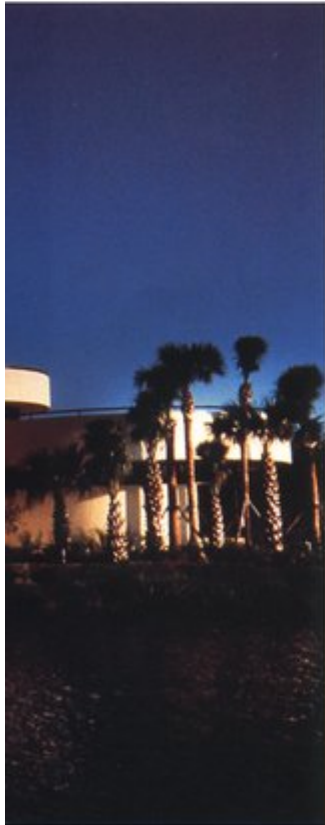


Right, view from west across lake and below, library as it projects over the water. Top photo by Mark Ugowski. Lower photo courtesy of Northwood Institute.





Plan, above and section, top right, courtesy of the architect. Photos right of student plaza toward art gallery and interior of library reading room, below, by Mark Ugowski.



The most stunning feature of this state-of-the-art facility is the two-story main library and reading room with its floor-to-ceiling glass. Projecting out over a lake that is central to the campus, the library provided a unique opportunity for the architect to design a lighting solution that would not only provide abundant light for the reading stations below, but would also take advantage of the project's waterfront setting.

In addition to the abundant windows in the library, the installation of a dozen upturned, metal halide fixtures mounted to each of the room's structural columns, sixteen feet above the floor, allows each fixture to reflect light off both the ceiling and exterior soffit to emphasize the illusion that the reading room is floating above the lake. Patterns of lights playfully bouncing off the water below add to the effect.

Mark A. Ugowski, AIA

The author is an associate with Dow Howell Gilmore.



AWNINGS BY JAY

WINNER OF INTERNATIONAL DESIGN AWARDS
AWNINGS OF DISTINCTION



CUSTOM DESIGN FABRICATION-INSTALLATION
CANVAS, VINYL AWNINGS
CANOPIES, CABANAS, CURTAINS
CUSHIONS, CUSTOM WELDING

844-4444

RESIDENTIAL • COMMERCIAL • INDUSTRIAL
1125 BROADWAY, RIVIERA BEACH, FL
SINCE 1974

MEMBER I.F.A.I.

LICENSE #U-10179
Circle 24 on Reader Inquiry Card

ONE OF EUROPE'S BEST KEPT SECRETS COMES TO THE UNITED STATES.

Reinforcing
Foam
Sprayed Concrete/Plaster
Textured Color Finish



Innovative, high quality reinforced concrete structural systems now competitive with block!

- Commercial/residential/institutional/governmental
- Cost savings of 20% to 40%
- 15% to 30% faster erection cycle
- Less labor, fewer skilled trades required
- Approved by all major U.S. building codes
- Eliminates forming, heavy equipment at jobsite

The "W" Panel construction system has been used successfully in Europe for the past 20 years. The process is fast and simple; the result is durable and affordable.

For more information and competitive quotes contact:

PANEL INDUSTRIES, INC.

901 N.W. 7th Ave., Ft. Lauderdale, FL 33311
(305) 522-0483 / 1-800-522-1316 / Fax (305) 728-8199



Circle 8 on Reader Inquiry Card

TODAY.

Do yourself a favor. File your taxes now and file accurately. If you need help doing your taxes, call or visit your local IRS office.

Make your taxes
less taxing.
Do them today.

A Public Service of
This Publication &



Internal
Revenue
Service

PREMIX-MARBLETITE Manufacturing Co.

Serving the building industry since 1955

STUCCO, PLASTER, DRYWALL AND
POOL PRODUCTS
SOLD BY LEADING
BUILDING MATERIALS DEALERS

For Specifications and color chart
refer to SWEET'S CATALOG

3009 N.W. 75th Ave. • Miami, FL 33122
Oviedo & Sanford Rd. • Orlando, FL 32707

Miami	Orlando
(305) 592-5000	(407) 327-0830
(800) 432-5097	-S.E. Watts- (800) 432-5539

MANUFACTURERS OF:

• THE HARD-WALL SYSTEM

- | | |
|--|--|
| <ul style="list-style-type: none"> • MARBLETITE
(All Marble) Stucco • MARBLECRETE
Trowel Stucco • POOLCOTE
Swimming Pool Stucco • FLO SPRAY
Ceiling Spray • CEMCOTE
Cement Paint • FLOTEX
Wall Spray | <ul style="list-style-type: none"> • ACOUSTICOTE
Acoustical Plaster • WONCOTE
Veneer Plaster • P.V.L.
Vinyl Ceiling Spray • ACOUSTEX
Ceiling Spray • BEDDINGCOTE
For Rock Dash • SNOWFLAKE
Ceiling Spray |
|--|--|

AND OTHER BUILDING PRODUCTS

An Imperial Industries Company

Circle 14 on
Reader Inquiry Card

SCULPTURA
SLIDING GLASS DOORS

HC-85 Rated!

Now that's tough ... even by South Florida standards.

Sculptura is the boldest, strongest door ... tested and approved for your most stringent applications.

A 4' x 9' panel will withstand 120 MPH winds at a 350 ft. elevation in South Florida.

And, Sculptura is an extra-safe door because it features:

- Large profile extrusions for exceptional strength.
- Double screws at all panel corners.

- Tamper-proof, surface-mounted cam latch.
- Burglar bolt at interlocking stiles for added secondary security.
- 15.0 P.S.F. water test pressure satisfies the most stringent code and architectural specifications.

Sculptura can safely fill your door requirements up to a 5-ft.-wide x 9-ft.-high panel.

Send for our Sculptura Spec Kit. When you check all the facts ... you'll move up to Sculptura ... with confidence.

mildoor®

A Division of Miller Industries, Inc.
16295 N.W. 13th Ave., Miami, FL 33169-0910
305-621-0501 • Florida 1-800-432-3116
National 1-800-446-7628

PRODUCTS THAT HAVE PASSED THE TEST OF TIME

- SLIDING GLASS DOORS
- SLIDING MIRROR CLOSET DOORS
- SINGLE-HUNG AND ROLLING WINDOWS



Circle 5 on Reader Inquiry Card

SPRAY-CRETE™



Many other styles and colors available.



All systems available in both enamel and latex.
Sprayed • Troweled • Stamped



Beautiful. And Stronger Than Concrete.

Spray-Crete will beautify your pool deck with a cool, water-resistant and practically indestructible surface. And because you can spray or trowel Spray-Crete on, the combinations of color, texture and design are limitless. Not only does installation take less than half as long as conventional products, it beats standard cement in every test of strength. Spray-Crete is engineered to endure Northern freeze-thaw cycles and is equally resistant to Southern heat, sunshine and ultraviolet rays.

Ask about dealership opportunities (no franchise fee) today! Find out how much we can help your business.

DESIGN-A-DECK

13180 Spring Hill Drive, Suite F
Spring Hill, Florida 34609
(904) 686-7292

Circle 25 on Reader Inquiry Card

These Kids Are “Flying High”

Child Care Center Miami International Airport Miami, Florida

Architect: The Russell Partnership, Inc.

Principal-in-Charge of Design: Daniel D. Tinney, AIA

Design Team: Guy Chabot, AIA, Joel Seeley, AIA, Tatiana Lopez

Child Care Consultants: Gerry Sweat, Michelle Rosen

Engineering Consultants: Mechanical/Electrical – Hufsey-Nicolaides Associates; Structural – Lawrence F. Brill, Inc.

Landscape Architecture: Environmental Planning and Design

Color Consultant: Alexander Styne

Graphic Designer: Chermayeff & Gelsmar

General Contractor: Tatum, Gomez, Smith & Vitale, Inc.

Owner: Miami International Airport



Within an existing 50,000 square foot office building, the Miami International Airport Child Care Center provides a unique educational opportunity for the children of airport employees. The 9,000 square foot facility was designed for children ranging in age from six months to five years. Daniel Tinney and Carlos Ruiz De Quevedo of the Russell Partnership both worked in day care centers and “crawled on the floor” to get a better feel for the environment at child scale.

There is no question in the visitor’s mind that this place is first and foremost for children. On the building’s main axis is a scaled down entry door for children. Adults enter through a full size door which is off-axis. For security reasons, this is the only public entrance and it is controlled by electronic hardware and a closed-circuit TV

system. The attention to detail throughout the facility is very evident and probably attributable to the writing of the design program.

All of the classrooms have movable partitions so that space is flexible. Fluorescent and incandescent lighting have been used in combination so that different lighting levels can be achieved. By various electrical circuiting, the classrooms can be darkened and reading circles can be illuminated. Each classroom was designed in a primary color and these color schemes contribute to the playful feeling inside the facility. Color schemes range from warm on the north side of the building to cool on the south, or sunnier side.

The extensive use of oak trim throughout the interior was thought to be reminiscent of “old school house” interiors. Oak was used for framing and





supporting fabric-covered surfaces at low levels so that the children can use these “tackable” surfaces. The architects also designed all of the oak cabinets where the children store their personal possessions. The oak furniture, and all interior appointments including toys, were part of the contract documents. Each classroom is complete with a toilet, which includes showers that are raised above the floor for ease of handling the children when showering them. Plumbing fixtures are also scaled-down.

Each classroom opens onto a walled-in 10,000 square foot playground. The outdoor covered area houses a creative playscape that was designed as a two-level facility incorporating a waterplay area, a spiral staircase and a bridge connecting with a playhouse from which a spiral slide brings the children back to the first level. The entire playground was designed around an airport

theme. There is a twin engine passenger plane complete with lights and a simulated instrument panel for the children to play on. The playground consists of a freeform tricycle path that intersects with a diagonal runway. Adjacent to the runway is a control tower.

Landscaping in the playground consists of hills, mounds and a “clackity-clack” bridge. There is also a small vegetable garden and a number of fruit trees. The wall surrounding the playground was painted with colorful graphics which further reinforce the airport theme. The playground is also provided with roadway signs which help teach the children about street safety.

The overall ambiance of the Child Care Center will hopefully be an important and permanent part of the educational experience of the children who use it for years to come.

Diane D. Greer



Opposite page, top, freeform tricycle path with runway and control tower. Below, main entrance with special children's door to the left. This page, top, aircraft is incorporated into play area. Plan courtesy of the architect. Above, classrooms have movable partitions and specially-made oak furniture. All photos by Carlos Domenech.

DON'T GET STUCK WITH INFERIOR STUCCO.



Perma Crete™ Stucco is a quality-controlled, pre-blended portland cement and selected aggregate composition which includes a waterproofing agent, fade-resistant pigments, and other chemical combinations to provide a long-lasting finish.

Perma Crete's finish coat is color through so there is never a need to paint. Available in white and many beautiful colors, it can be trowel applied or sprayed for either a textured or smooth finish.

The buttery consistency makes it easier to apply and its greater spread gives extra coverage making it more economical.

All components meet the standards set forth in ASTM-C929-81 for stucco. Coverage is 6-9 yards per 80 pound bag.



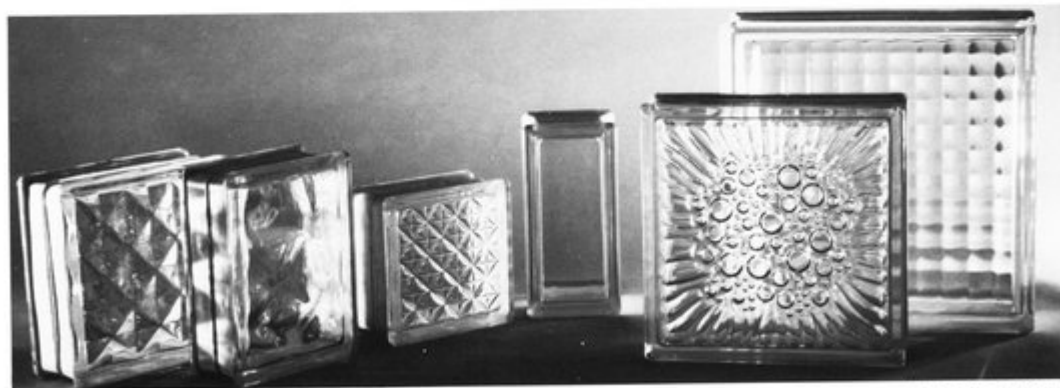
For further information write or call C.L. INDUSTRIES, INC.
P.O. Box 13704, 8188 South Orange Avenue, Orlando, Florida 32859-3704
(407) 851-2660; 1-800-333-2660; FAX: (407) 240-2743

Circle 26 on Reader Inquiry Card

Express your imagination with

GLASS BLOCKS

OVER 60 DESIGNS • SIZES • COLORS



HIGH SECURITY • THERMAL INSULATION • SOUND INSULATION • LIGHT TRANSMISSION

GLASS MASONRY INC.

P.O. Box 8325 / Pembroke Pines, FL 33024 / (305) 962-6884

MIAMI • ORLANDO • ATLANTA

Circle 37 on Reader Inquiry Card

VIEWPOINT

Protecting Your Assets: Building A Plan of Action

Florida architects are designing one of the most structurally sound projects possible . . . an exempt asset protection program. In an ongoing battle against skyrocketing liability insurance rates, architects, like members of other professions, have recognized the need for alternative steps to protect assets from litigants' claims. One apparent solution is Exempt Asset Planning.

The concept behind exempt asset protection is simple. It is the effective use of federal and state exemption laws which allow an individual to place certain assets beyond the reach of litigant claims. Although most decision makers bemoan the time involved in any financial restructuring program, the facts are that with more than 50% of the state's architects practicing without sufficient liability coverage because of extremely high rates, who can afford not to find an alternative plan?

Let's look at some facts:

- The right asset protection plan can allow you to carry less liability coverage without fear of losing everything you've worked hard to obtain;
- Careful financial planning allows you the opportunity to benefit from state laws that exempt annuity contracts, life insurance and your home.;
- The knowledge of available asset protection resources helps discourage over-enthusiastic potential claimants.

A financial program including a component providing for exempt asset protection is essential for all professionals with a potentially high degree of liability. Since no amount of insurance carried by an architect has historically been enough to protect against litigation claims, and since carrying no protection at all leaves too many doors open to potential litigation, alternative asset protection planning can minimize seizable as-

Pave it with Imagination!



APPIAN-STONE®



UNI-DECOR®



SUPER-DECOR®



HOLLAND-STONE™



Call or write for a FREE color brochure—
P.O. Box 10027, Riviera Beach, FL 33419

• W. Palm Beach (407) 844-5202 • Orlando (407) 859-9117



NAME _____ PHONE _____

ADDRESS _____

CITY/STATE/ZIP _____

Circle 11 on Reader Inquiry Card FA

**Plan to attend the 1989 Sarasota Design Conference
July 14-16, 1989 • Colony Beach Resort, Longboat Key**

VIEWPOINT *continued*

sets as a result of a negative legal decision.

Industry leaders admit that, like physicians, architects were caught off guard by recent court actions and rate hikes. Now, with insurers turning to their clients to make up for losses suffered as a result of aggressive litigation, architects statewide can be seen taking action of their own. No longer are they suffocating under liability rates as high as 3 to 5 percent of their gross income. Instead industry members are taking steps to convert accounts receivable into tax-deferred loans and investments, and are positioning cash equivalents into diversified portfolios of variable and fixed annuities. An added benefit to protecting hard earned assets is the fact that they are receiving a high rate of return along with tax-deferred growth. All of this and more is protected under existing Florida and United States case law.

Architects are encouraged to discuss the idea of Exempt Asset Protection with their financial planners.

*Barnett I. Chepenik, RHU and
Donald M. Faller, CFP*

*The authors are Managing
Directors of Chepenik-Faller
Financial Corporation in
Orlando.*

THE ULTIMATE ROOF TECHNOLOGY

Aesthetics without the weight

Utilizing Gerard lightweight, fire-safe roof tiles, you now can specify the distinctive and timeless aesthetics of clay or concrete without the excessive weight or breakage. Gerard tiles weigh only 1½ pounds per square foot, yet are more durable than tiles weighing up to 10 times as much. The underlying strength of Gerard tiles is rugged 26 gauge galvanized steel, pre-painted and reinforced for durability by a patented profile design. A deep coating of polymer acrylic resin bonds earthstone granules to the steel, and finally a pure acrylic overglaze is applied prior to kiln curing. The process creates an aesthetically pleasing, weatherproof, non-combustible roof tile that outperforms the alternatives.

Gerard tiles are available in a spectrum of twelve colors including six mediterranean accent shades designed to compliment architectural styles, and provide the versatility of making structures at one with their environment or setting them apart from the crowd. The lightweight durability of steel combined with the subtle elegance of colored stone granules, provides a unique blend of permanence and beauty in a roofing system that has surpassed thorough testing.



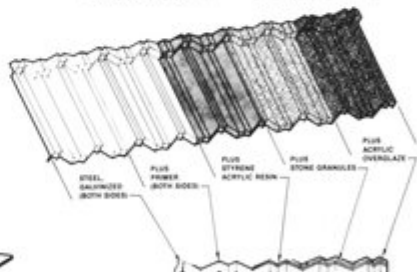
GERARD TILE DESIGN INFORMATION:

ADVANTAGES

- LIGHTWEIGHT • DURABLE • ATTRACTIVE
- FIRE RETARDANT • STRUCTURALLY SECURE
- PROVEN • MADE IN U.S.A.

VERSATILITY:

- MINIMUM PITCH 3:12 • MANSARDS
- RESIDENTIAL • COMMERCIAL



For free architectural
design package, call

1-800-641-3002 Inside California,
1-800-841-3213 Outside California.

or write to:

Gerard Tile Inc. Corporate Head Office/Technical Services Division

P.O. Box 9459 • 955 Columbia St., Brea, CA 92622-9459
Telephone: (714) 529-0407

Sales Branch Offices:

CALIFORNIA, TEXAS and FLORIDA

GERARD
ROOF TILES

I.C.B.O. Evaluation Report #3859
U.L. Listed - Class A Fire rated #R12596



Circle 7 on Reader Inquiry Card

Smart clients want smart solutions. . .

that reduce energy costs. New natural gas technologies offer lower initial investment, lower operating costs and shorter payback periods. That makes gas the perfect energy source for your client's commercial cooling needs. DESICCANT COOLING SYSTEMS provide supermarket refrigeration and cooling at lower humidity levels with substantial cost savings over conventional systems. GAS ENGINE-DRIVEN CHILLERS provide improved cooling efficiency and comfort at client pleasing cost savings of 30 to 60 percent.

Another cool technology is COGENERATION. Cogen systems use gas to power an on-site generator to provide cooling, heating, hot water and electricity. Several packaged systems for hotels, restaurants and other commercial operations are already on the market. And more are on the way. The cost savings can be substantial. And clients won't have to worry about power interruptions or surges affecting sensitive operations.

Look Smart! Get your next job with our cool new technologies. Call your local natural gas utility or write:

Florida Natural Gas Association • P.O. Box 533432 • Orlando, FL 32853

GAS

**America's Best
Energy Value.**



FNGA

Florida Natural Gas Association
Circle 10 on Reader Inquiry Card



**“That hot new
technology spec
was a cool idea.
It got us the job.”**

"DESIGN SOLUTIONS FOR SPECIAL POPULATION GROUPS"

November 29–December 2, 1989
Marriott's Orlando World Center / Orlando, Florida

The Second Symposium on Health Care Interior Design will focus on "Design Solutions for Special Population Groups." The Symposium will feature presentations by 20 nationally recognized health care design experts, tours of exemplary local health care facilities and a Trade Show Exhibition – all addressing the unique requirements of geriatric, psychiatric, pediatric and other special population group facilities – and highlight strategies for creating high-quality, life-enhancing health care environments that support healing and promote well being.

Architects, health care professionals, interior designers, educators and manufacturers will find this one-of-a-kind Symposium invaluable in developing innovative approaches to health care facility design.



SECOND SYMPOSIUM ON HEALTH CARE INTERIOR DESIGN

For a registration kit and/or more information contact:
National Symposium on Health Care Interior Design, Inc.
4550 Alhambra Way
Martinez, California 94553
415/370-0345



**RANDALL ATLAS
ARCHITECTURAL SECURITY
CONSULTANTS**

Offering:

Security Systems Design
Security Programming
Security Audits
Vulnerability Assessments
Crime Prevention Through
Environmental Design

ARCHITECTS FOR SECURITY

Randall I. Atlas, Ph.D., AIA, CPP
600 NE 36th St., Suite 1522
Miami, Florida 33137

(305) 325-0076

CALL NOW FOR CONSULTATION

Circle 19 on Reader Inquiry Card

**A Florida Approach
to the
Practical Use
of the
1987 AIA 201
General Conditions**

**March 31, 1989
Park Suite Hotel
Orlando South**

Sponsored by
Greater Orlando Chapter/
Construction Specifications
Institute (CSI)

Mid-Florida Chapter/
American Institute
of Architects

and the law firm of
Markel, McDonough
& O'Neal

**Registration after March 1
\$100**

For further information or
a registration form, contact
Steve Langston, Assoc. AIA
(407) 425-2431

or
Tom Montero, AIA, CSI
(407) 644-2656

IMPROVE YOUR CASH FLOW WITHOUT REALLY TRYING

While dividends can't be guaranteed, the FA/AIA Group Workers' Compensation Plan has declared annual dividends averaging 31.5% for the past five years. Because

the rates and benefits for this type of coverage are generally set by law, this 31.5% return represents a pure insurance savings for most firms who would not otherwise have received a dividend.



For further information, please contact:

Conniejo Webberly

Association Administrators & Consultants, Inc.

19000 MacArthur Boulevard, Suite 500

Irvine, California 92715

Telephone 1-800-854-0491 **Toll Free!**



Circle 27 on Reader Inquiry Card



June 8-11, 1989

Public Art Dialogue = Southeast

Durham Arts Council
Durham Convention Center
Durham, North Carolina

Reconsidering, revealing, and
re-creating public art

Inviting dialogue between
presenting and participating
artists, architects, design
professionals, landscape
architects, developers, arts
administrators, educators,
and public officials

Presenters:

Richard Andrews
Doris Betts
Jennifer Dowley
Paul Broches
Richard A. Kahan
Stanton Eckstut
Susan Child
Kathleen H. Coakley
Sandra Anne Percival
David Ireland
Kate Ericson & Mel Ziegler
Douglas Hollis
Judith Baca
Norman Care
Susan Stinsmuehlen-Amend
Lowery Sims
Edgar Heap of Birds
Eugene Metcalf

For Registration Information:

Durham Arts Council
120 Morris St.
Durham, NC 27701
919-560-2787

Circle 12 on Reader Inquiry Card



IT'S OPENING NIGHT IN FLORIDA.

This year, no matter where you live in the great state of Florida, you'll have the opportunity to see your name up in lights. It's the premier of the all-new Night Beautiful Contest. The first year ever that major utilities throughout the state have teamed up to recognize the creative use of exterior lighting. This spring, the spotlight could very well be on you and your work. Call today for an entry form and more information. Phone 1-800-432-6563. Deadline is April 1, 1989.

THE NIGHT BEAUTIFUL CONTEST IS COMING SOON TO A CITY NEAR YOU.

Produced and Directed by:



FPL



Gulf Power



TAMPA
ELECTRIC



Florida
Power



IES



FLORIDA
DEPARTMENT OF COMMERCE

Circle 1 on Reader Inquiry Card

EPICORE[®] CONCEPT 2 COMPOSITE FLOOR SYSTEM



- Manufactured in Lakeland, Florida
- 48-hour Delivery
- Fast, Simple Installation by One Sub-Contractor
- Reduced Construction Time
- All Necessary Building Code Approvals
- Long Uninterrupted Spans
- Unbeatable Fire Ratings
- Excellent Sound Attenuation
- Monolithic Construction
- Distributor/Installers throughout Florida

*Contact in Lakeland
813-688-7686*

EPIC[®]
METALS CORPORATION

Eleven Talbot Avenue, Rankin PA 15104
PHONE: 412/351-3913
TWX: 710-664-4424
EPICMETAL BRDK

Circle 22 on Reader Inquiry Card

SPEC THE BEST!

Why settle for "equivalent" quality.

When you get roofing plans that read ... "or equivalent quality" you can afford to use Bender concrete roof tiles to add quality that's *more* than just "equivalent." Because Bender quality *and* color run all the way through every tile!



- Manufacturing process allows consistency in weight and thickness
- Assures more even looking roof installation
- Lightweight - up to 35% lighter than most concrete tile
- Fungus Retarding top coat
- Color throughout

Specify superior quality and value with Bender Roof Tile.

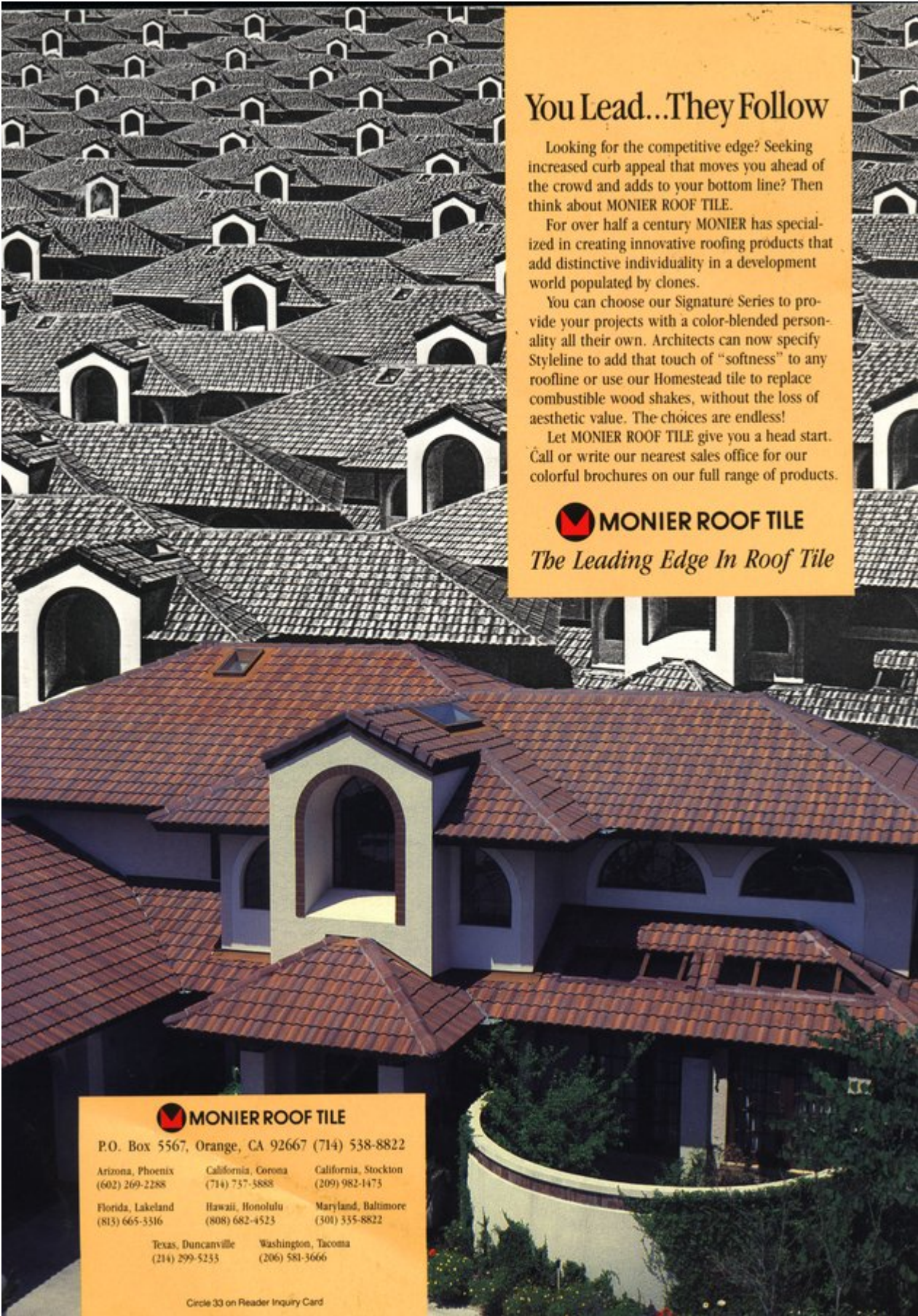
For more information contact:

bender
ROOF TILE IND., INC.

3100 S.E. County Road 484 • P.O. Box 190 • Belleview, Florida 32620
(904) 245-7074 • FAX (904) 245-1873 • 1-800-527-5808 Florida Only



THE STANDARD CODE
SBCCI No. 8736



You Lead...They Follow

Looking for the competitive edge? Seeking increased curb appeal that moves you ahead of the crowd and adds to your bottom line? Then think about MONIER ROOF TILE.

For over half a century MONIER has specialized in creating innovative roofing products that add distinctive individuality in a development world populated by clones.

You can choose our Signature Series to provide your projects with a color-blended personality all their own. Architects can now specify Styleline to add that touch of "softness" to any roofline or use our Homestead tile to replace combustible wood shakes, without the loss of aesthetic value. The choices are endless!

Let MONIER ROOF TILE give you a head start. Call or write our nearest sales office for our colorful brochures on our full range of products.



MONIER ROOF TILE

The Leading Edge In Roof Tile



MONIER ROOF TILE

P.O. Box 5567, Orange, CA 92667 (714) 538-8822

Arizona, Phoenix
(602) 269-2288

California, Corona
(714) 757-3888

California, Stockton
(209) 982-1473

Florida, Lakeland
(813) 665-3316

Hawaii, Honolulu
(808) 682-4523

Maryland, Baltimore
(301) 335-8822

Texas, Duncanville
(214) 299-5253

Washington, Tacoma
(206) 581-3666

Circle 33 on Reader Inquiry Card