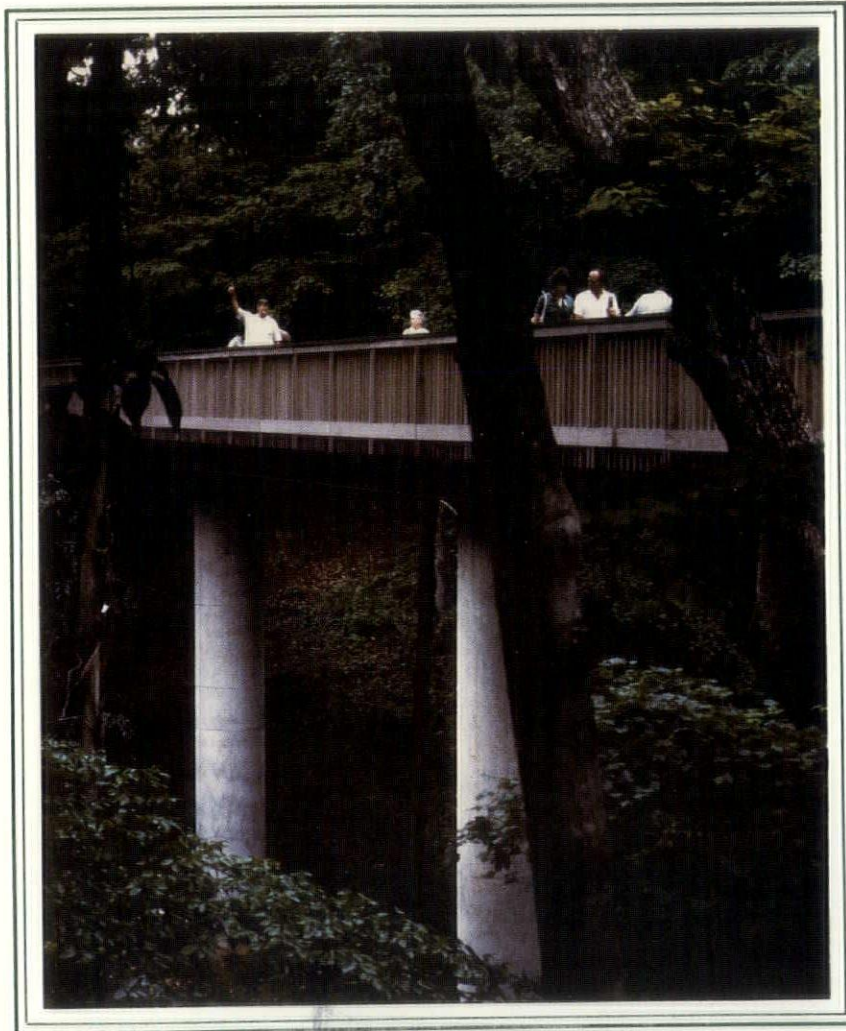


VIRGINIA RECORD

JOURNAL OF THE VIRGINIA SOCIETY OF THE AMERICAN INSTITUTE OF ARCHITECTS

MAY/JUNE 1987



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MAY/JUNE 1987

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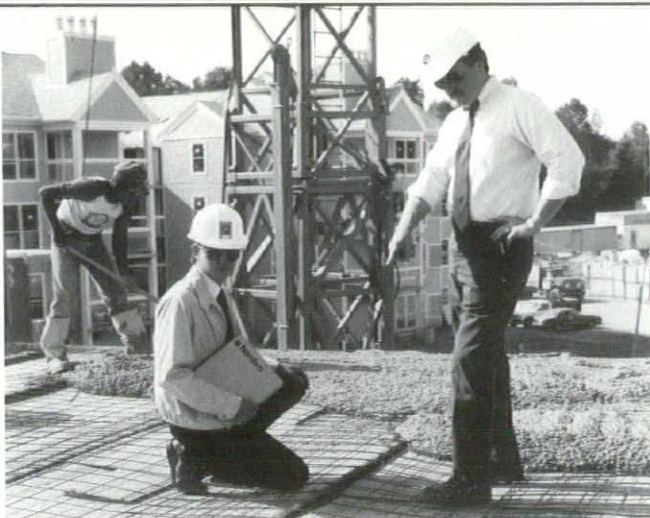
COVER

Tourists cross the bridge which is part of the Carters Grove Plantation Reception Center.

The project is presented on page 23 of this issue by Carlton Abbott and Partners, Inc., P.C.

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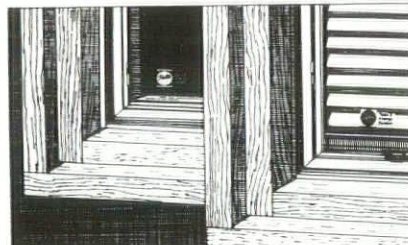
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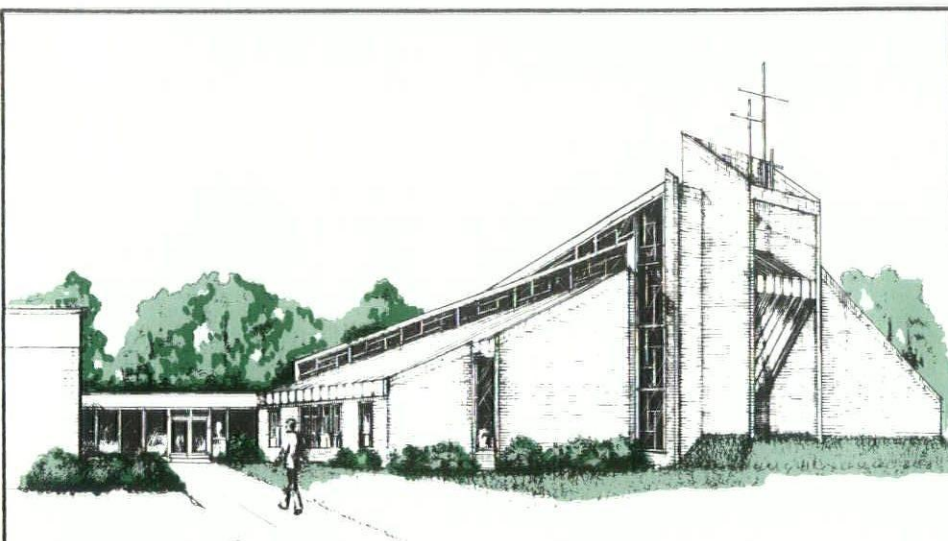
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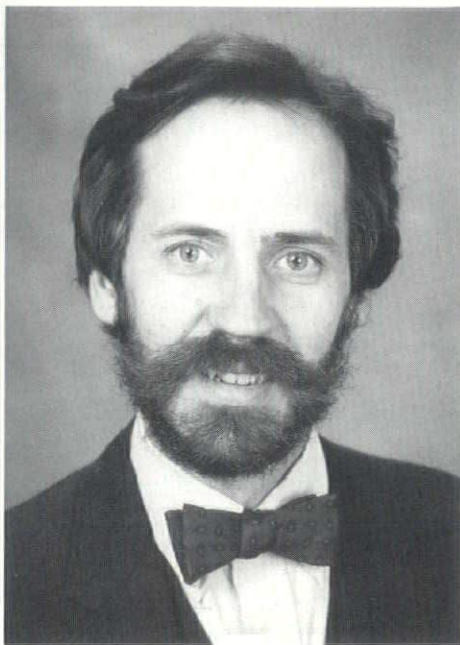
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PRESIDENT'S MESSAGE



Robert A. Boynton, AIA
(Heather Studios)

This issue of the *Virginia Record* highlights tourism related facilities. It is somewhat ironic that the tourism industry is similar to our profession in that many outside elements beyond our control are impacting both groups.

Tourism here in Virginia and in the United States has flourished recently due to rising oil costs in the 1970s and terrorism in the 1980s. Each of these phenomena was unexpected and the tourism industry found itself reacting to situations in a somewhat unplanned/reactive mode.

Our architectural profession has and is undergoing rapid change. No matter your particular realm of practice—private, corporate or education—you are being challenged to meet new demands and realities. Let's hope that, as designers, we will be able to respond logically and react responsibly.

Diversification is possibly the key word to our future professional lives. A host of practical concerns such as tax reform, liability insurance, uncertain economic conditions, rapidly advancing technology and a diversification in the kinds of service we are expected to provide, are all challenges facing us in the immediate future and indeed into the 21st Century.

The Virginia Society AIA provides architects the forum to address and discuss the above challenges collectively. It gives our associate members a platform upon which to build their professional careers in concert with leading Virginia architects. Membership entitles you to benefits such as the *Virginia Record*, professional development opportunities, newsletters, design and practice meetings and conferences and possibly most importantly fraternity with your peers.

Your participation in the Virginia Society AIA gives you the opportunity to strengthen your profession in vitally important arenas. Please join me and others in working toward a cohesive professional society and to forge the destiny of our profession in Virginia in a concerted and planned manner to the benefit of architecture and the citizenry of Virginia.

Robert A. Boynton, AIA
President
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architectonica

*Pedro-the Cruel
was nobody's fool.
Suliman-the-Magnificent
Was one rag-tag spiffy gent.*

The National Gallery of Art has put together an exhibit of the intricate artworks produced under the 16th Century mogul Suliman-the-Magnificent. We in the West have just not been given an adequate exposure to non-Greek, non-Roman, non-Norse cultures. The entire scope of Arab and Persian art and artifact strikes the average American as strange. This exhibit should help familiarize those who are fortunate to see it.

I remember the day my son arrived home from college the semester he took a course in Asian Architecture. The buildings he studied were entirely

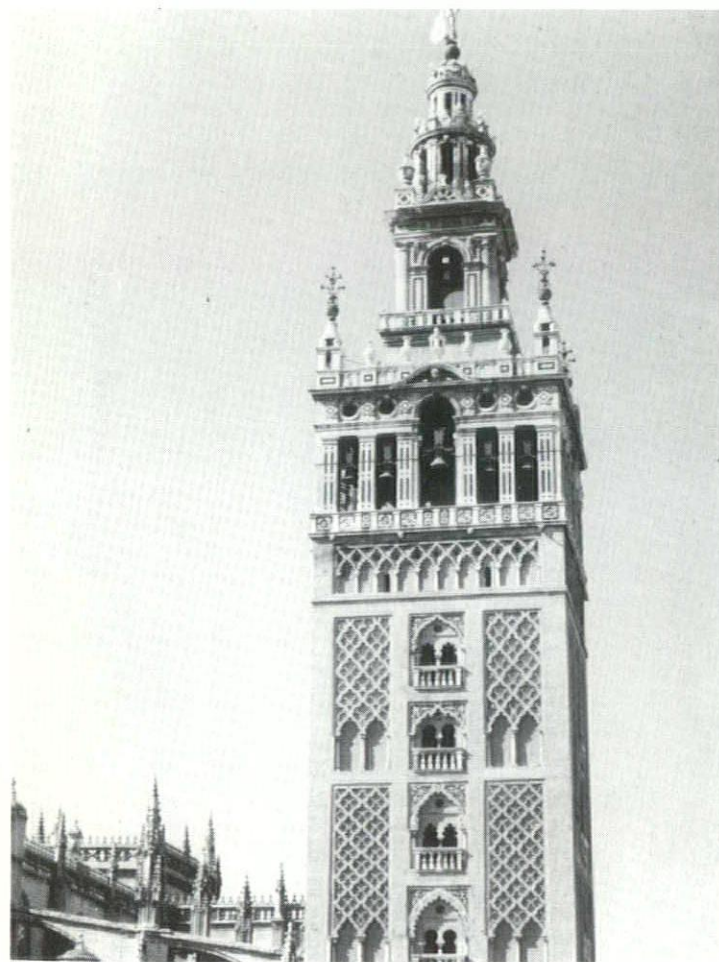
unfamiliar to me. My generation of architects had not been exposed to the architecture of India, Sri Lanka, Thailand, Cambodia or Viet Nam. We had studied briefly the architecture of China and Japan, Iran, and the Byzantine tradition. There were quick references to Islamic architecture in Spain, and a cross-cultural style developed in Sicily. But an enormous gap was left unfilled. It has taken years to rectify.

One way to take a giant step towards learning about the Moslem tradition in architecture is to make the Spanish tour. My wife and I went with another couple, shared the cost and effort of rented cars, and went from parador to parador except in the big cities. I highly recommend this mode of travel for architectural sightseeing. One goes at one's own pace, where tour buses do not. There is stimulus and comfort in the companionship. The paradors are without exception attractive. The ones we sampled offered smashing views, as well as clean rooms and great cuisine.

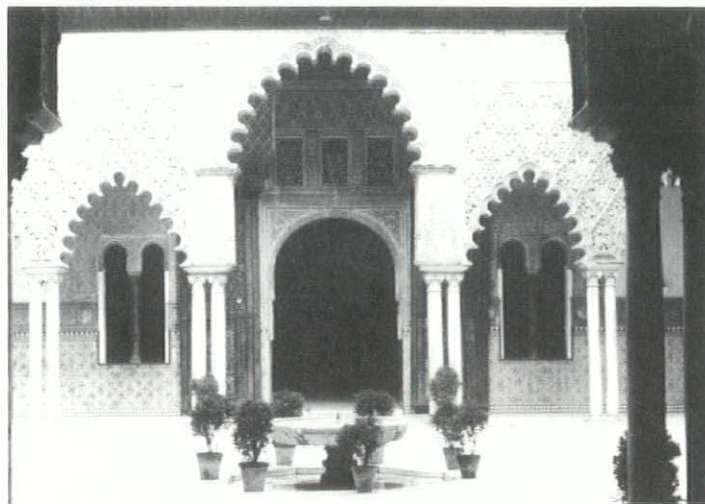
We were delighted with the towns and the buildings. We made two loops, the first beginning in Madrid and taking us to Avila, Salamanca, Zamora, Tora, Valladolid, Segovia, Coca, El Escorial, and Toledo. This area northwest of Madrid displays a Romanesque medievalism which is of special interest to me. Laced through it all, and stronger as one goes south, is this Moorish thread of detail. Toledo has a venerable collection of small buildings stemming from the Moorish occupation. It was a pleasant foretaste of things to come.

From Toledo, we returned to Madrid, to take a train to Seville, from whence we made the second loop through Arcos de la Frontera, Rondo, the Mediterranean coast, Malaga, Granada, Jaen, Cordoba, and back to Seville.

The train dropped us at Seville after dark. A taxi ride took us to a small hotel smack in the middle of the historic center of the city. Across a small



The "Giralda." There is a square, spiral horse-ramp within, offering a new vantage point at every turn. Above the cathedral, one can look down on the tops of Gothic stone vaulting; no snowroof needed in Seville!



One of those 14th c. Alcazar courtyards in Seville. Compare to the 15th c. Pazzi Chapel porch by Brunelleschi.

square was the flood-lit "Giralda," the campanile of the huge late-Gothic Seville Cathedral, which replaced the original mosque. The "Giralda" is the minaret of that mosque, which must have been something to see if the minaret is any guide. Its top has been Europeanized, but it is unmistakably not of Roman origin. Soaring high in the darkness, it was a magical introduction to large-scale, Royal Islam.

The Alcazar in Seville is the first palatial Moorish building I had ever seen. I went all over it twice. There's this explosive cultural eye-opener so rich, visually balanced, and free of Western architectural detail as to astound. No furniture was there to compete for my attention with the tile floors, tile walls, coffered ceilings, cusped archways, fillagreed shutters, grilles, and column impost blocks. An occasional Oriental rug hung on the walls, and periodic water fountains softened the hard surfaces. Some of the ceilings were so completely covered with three-dimensional cusps as to recall stalactite cave vaulting. It is an architecture not of monumental sculpture, but of interiors, in courtyard and room form.

Courtyards and the alcoves off them held a variety of waterworks, which produced not only sounds but also moving light reflections which bounced off the building surfaces. The adjacent walled garden offered more well-developed and subtle themes on the use of water in the landscape. The gardens are complementary to the architecture, always with those water elements used contrapuntally with the plantings. Secluded from the hubbub of the streets, they are as restful as can be. Walking the paths in the morning mists was unforgettable.

I had known about these things intellectually, but the reality of the place made all those slides in Fogge and the textbooks dry as dust.

Oddly enough, this wonderful example of Moorish construction was built under the Christian ruler Pedro-the Cruel in the 14th Century. He commis-

sioned a host of Moorish craftsmen, who executed it in "Mudejar" style. For purists, this is not quite the real thing, but comparing it to what was at Granada, it suffered not in my view. Had I gone to Granada first, I would have had no richer sensation of wonder. That city's Moorish palace, the Alhambra, expresses the same culture and skills in architecture and landscaping as was visible in Seville; only more of it. Samplings of Islamic design that I had visited in Rhodes and Palermo gave no hint at the complexity and inventiveness to be seen when a caliph builds for himself and for Allah.

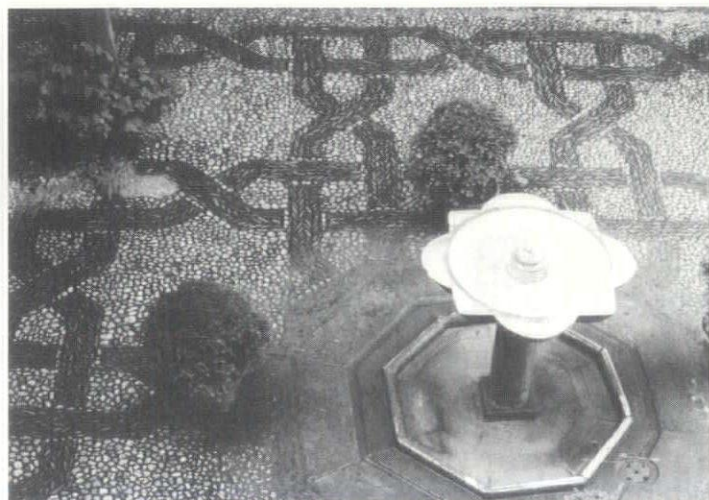
We Americans are so terribly insular! There are few buildings in our country which exhibit the sensibilities and subtleness that the Moors developed and used. Or the aesthetic displayed in the Suliman exhibit. We can benefit as a culture by opening our eyes to the greatness which lies beyond Athens, Rome, and Paris.

One looks at the Cheap mis-application of selected Renaissance detail by today's stylists. In the light of the aesthetic insights displayed by the Moors in Spain, and under Suliman in Istanbul, one could wonder about the relative skills which are being offered by today's architects.

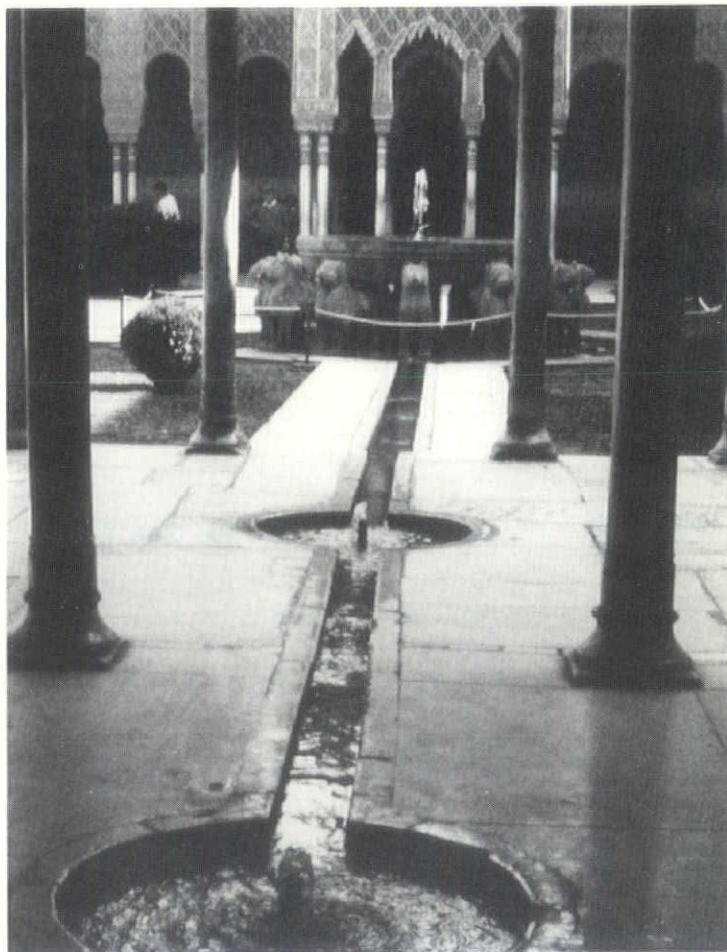
The key to quality in a building is the answer an architect gives to the question, "Do I wish I had designed this building?" Nearly every Moorish space I entered got a positive answer.

Now, how do we go about applying the lessons of Seville to assignments in 1987?

Eason Cross, Jr., FAIA



An inner court at Granada, with paving of unusually large scale, formed of dark and light pebbles.



Court of the Lions, Granada. I waited for six minutes to get a shot of this, free of tourists.

Architecture Meets & Greets Virginia's Visitors

By Patrick A. McMahon, Director of Tourism

Virginia Department of Economic Development, Division of Tourism

The Commonwealth of Virginia is blessed with a vast array of visitor attractions of an unusually diverse nature, ranging from spectacular scenic wonders to internationally known historic attractions. While some parts of the country can emphasize a single image or theme, Virginia has a multiplicity of dominant images or themes—historical, recreational, natural and cultural. The Commonwealth's tourism-related facilities take advantage of this richness and variety of visitor attractions.

Although Virginia's architecture is associated in the public mind with the Colonial and Jefferson-inspired Classical styles, both the historical and modern architectural character of the Commonwealth is greatly varied. Traditionally, Virginians have valued fine design and good building, and modern facilities for tourism reflect this taste for quality rather than any pre-conceived notions about historic styles. This is illustrated by the Virginia Museum of Fine Arts in Richmond, where a strikingly designed modern addition has joined the elegant Georgian mass of the original facility.

The two-fold purpose of publicly owned tourism facilities, like Virginia's ten Highway Welcome Centers and twenty-two local regional travel information centers, is to orient visitors to an area and "sell" them on the exciting appeal of the surrounding attractions.

The architectural character of the building is one of the most important aspects of facilities whose primary function is to present Virginia in an attractive and exciting way. The Common-

wealth's Highway Welcome Centers located at major points of entry into the state, range from brick Colonial Revival structures to dramatically modern ones of native stone in Lumburg and Rocky Gap. Each is handsome, restrained and well landscaped with an interior design

"...the architectural character of the structure is of great importance. It is this character which the visitor first sees and appreciates."

conducive to providing general information and more than 1200 brochures for the visitor on Virginia's attractions and accommodations.

Other regional orientation centers associated with some of the state's best known historic attractions, such as the Colonial Williamsburg Information Center, the Yorktown Victory Center and the Hall of Valor Museum at New Market Battlefield Park help portray Virginia's history as being not only significant but also interesting and exciting. They make use of well designed, state-of-the-art display techniques to explain the history and significance of the historic sites they interpret for the visitor.

The use of modern display methods, which often involve audio-visual materials, such as movies and slide shows, as well as static displays, encourages bold approaches to architecture because it is often difficult to integrate these elements into completely traditional building styles. Since many of these buildings are large, the proper interpretation of a site suggests that a substantial new building should not be confused with original structures on the site; thus, many architectural historians prefer that new buildings be in a contrasting, modern style. Crab Orchard Museum and Pioneer Park in Tazewell is a good example of a modern museum on the same site as historic, pioneer structures dating from 18th and 19th centuries.

An alternative to erecting modern buildings is provided by the Commonwealth's rich collection of historic structures and landmarks. Some of these are well suited for use as visitor centers such as the Fredericksburg, Alexandria and Lexington centers or other tourism-related facilities. This is especially true in Virginia's cities, where larger structures are available.

Petersburg, for example, developed its Greek Revival Merchants Exchange, built in 1845, into a visitor center. This can be a particularly successful approach. The Petersburg Exchange was impressive, monumental. It was difficult to find a modern use for it which would permit the preservation of the building's fine interior. Today, the visitor finds the fascinating history of Petersburg interpreted in one of the most important landmarks surviving from the early history of the city.

While functional and technical considerations play a major role in the design of buildings as complex as some of the visitor centers and other tourism-related facilities, the architectural character of the structure is of great importance. It is this character which the visitor first sees and appreciates. These buildings represent the Com-

"...both the historical and modern architectural character of the Commonwealth is greatly varied."

monwealth and thus the image they represent is fundamental to the function of the building.

The architectural character of other tourism-related properties, such as resorts, hotels, motels, restaurants and meeting and convention facilities, also leaves an indelible impression on visitors. Very importantly, the tourism industry which directly supports more than 130,000 jobs in the Commonwealth, provides architects with the opportunities to display their talents as well as a wide range of architectural styles.

The Virginia Division of Tourism takes pride in working with the Division of Historic Landmarks to promote the Commonwealth's National Historic Districts as well as its State and National Historic Landmarks. Through aggressive promotion of all of the Commonwealth's diverse tourism appeals, the Division of Tourism, as part of the Department of Economic Development, assists in adding to Virginia's tax base and in maintaining a high quality of life for all Virginians.

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"...the tourism industry...provides architects with opportunities to display their talents as well as a wide range of architectural styles."

<< COMMENTARY >>

by Marvin J. Cantor, AIA

Some of My Best Friends Are — Tourists!

It has always been puzzling to me why the term tourist should conjure up such pejorative images as small town rubes getting a first look at the big city, wide eyed staring naifs, initiators of massive traffic jams because of their unfamiliarity with the turf, and just generally someone you'd normally not associate with if you had a choice. Absolutely undeserved!!

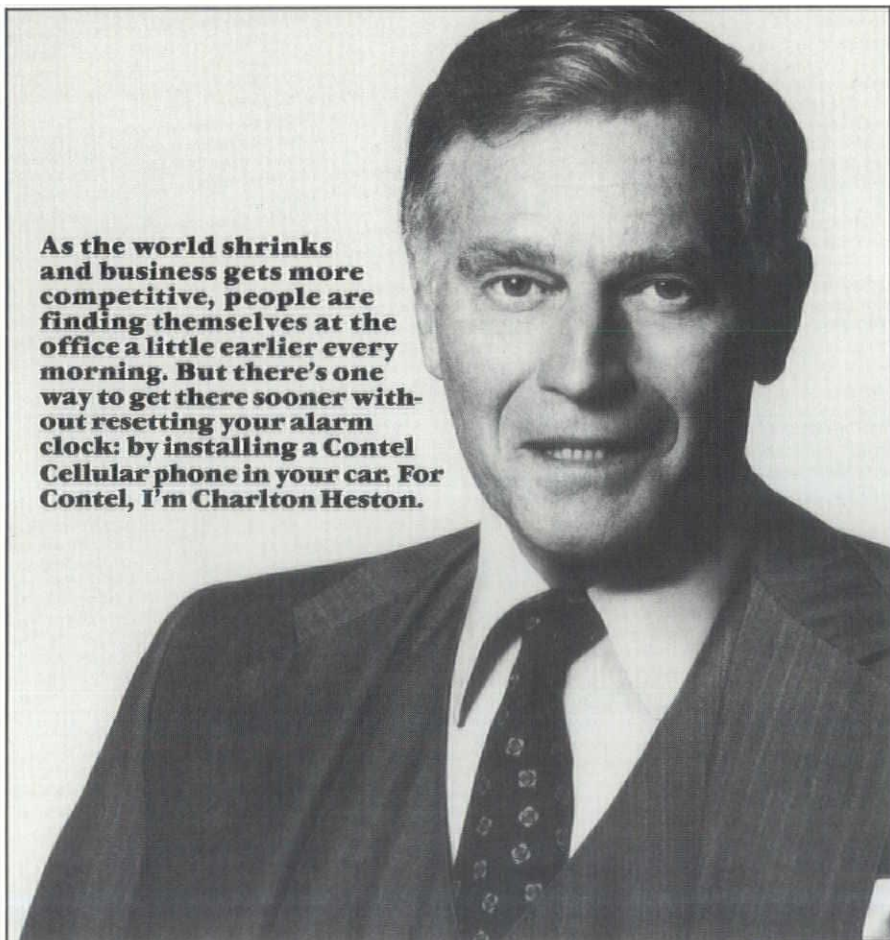
Tourists are usually nice, even tempered, solidly entrenched family persons. They are not your usual mugger, rapist, or thief. Recognizing a fellow tourist (or just a fellow citizen for that matter) in trouble, they will unhesitatingly offer assistance. And best of all, they truly appreciate the sights, the wonders, and unusual character-

istics of an area, that the locals far too often take for granted.

As far as architects are concerned, tourists are probably one of the architects' greatest boosters and admirers. What after all do the classic tourists do on the "great European tour," or the mid-East, or far-East? They examine the great gothic cathedrals of Europe, the wondrous temples of the Buddhist culture, the pyramids and marvelous structures of pre-Christian Egypt, the classic orders of Greece and Rome, Michelangelo's Renaissance designs, and lest we forget, the modern marvels of Frank Lloyd Wright, Mies van der Rohe, Gropius, the Saarinsens. When one goes visiting other countries, or sites in one's own country, why architecture and tourism go together like fish and water.

Tourists come to an area loaded with money to spend (if they don't spend their allotted sums in a certain area, it's usually considered to be an unsuccessful trip), improve the local economic climate, mix in a friendly manner with the "natives," and generally try to be nice and have a good time—for this they receive jibes, sometimes curt treatment, nasty looks, and for a time in certain places (Paris in the early '80s comes to mind, before "terrorism" curtailed such travel abroad), downright hostility while their money is being taken. Yet, they respond with unusual good humor and a resilience that belies their treatment. So be nice to tourists! Make their situations and conditions comfortable—see that their wants and needs are appropriately attended to architecturally. Some of my closest friends are—tourists!

As the world shrinks and business gets more competitive, people are finding themselves at the office a little earlier every morning. But there's one way to get there sooner without resetting your alarm clock: by installing a Contel Cellular phone in your car. For Contel, I'm Charlton Heston.



Like Charlton Heston says, business leaders everywhere are getting in on the cellular revolution. Contel Cellular of Virginia typifies the quality of service that keeps even the smallest business in tune with the competitive demands of the marketplace. A Contel Cellular phone makes the most of your time on the road and keeps the lifeblood of your business pulsing towards success. When the movers and shakers of Virginia need instant communications, they call Contel Cellular.



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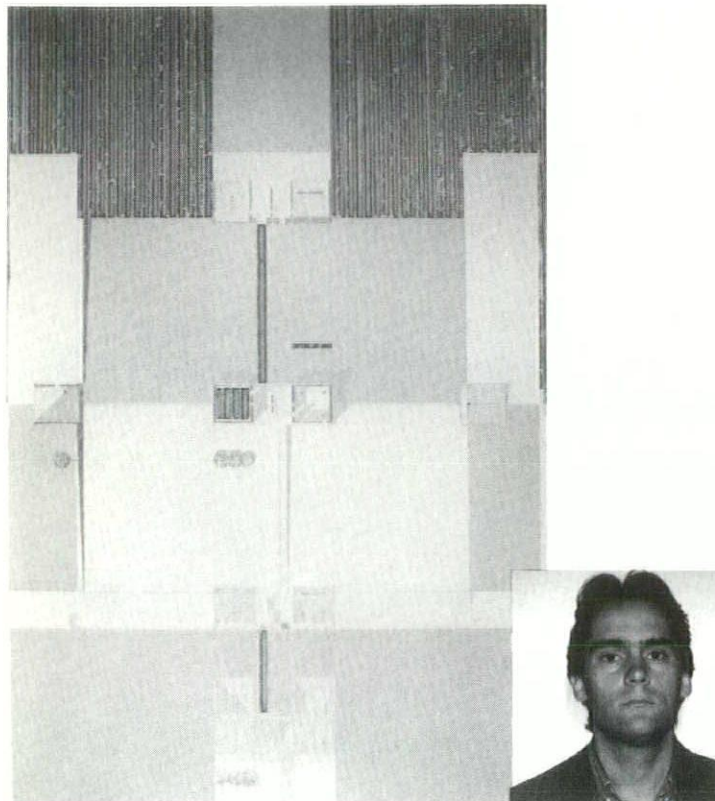
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VIRGINIA SOCIETY PRIZE

The Annual Virginia Inter-School Design Competition

Sponsored by

The Virginia Society of the American Institute of Architects



PROJECT

Palladio was a great man, both in his conceptions and in his power of execution. His major problems was that which confronts all modern architects, namely, how to make proper use of columns in domestic architecture, since a combination of columns and walls must always be a contradiction.

With a sequence of continuous walls,
a group of columns,
a set of windows,
a door,
a stair,
and a floor,

design, on the given site, two connected but distinct places, one that belongs to the river and the other to the road.

REMEMBER

*That a wall is not a non-descript line.
That a column is not any indifferent vertical mark.
That a window is not an opening in the wall.
That a door is not the absence of a wall.
That a stair is not "vertical transportation."
That a floor is not an anonymous flat plane.*

Joe Pryse, a graduate student at the University of Virginia is this year's winner of the \$1,000 Virginia Society Prize. The eighth annual competition was held April 3-4. Mr. Pryse, from Richmond, Kentucky, is a graduate of the University of Kentucky.

The competition, open to students in architectural studies at Hampton Institute, University of Richmond and Virginia Polytechnic Institute and State University, is sponsored by the Virginia Society of the American Institute of Architects. It involves a weekend design/sketch problem distributed simultaneously at each of the three schools. Problems are selected to be as realistic as possible, providing competitors with some rigid constraints while at the same time allowing for creativity. Judging of the 330 projects submitted was conducted on Saturday, April 11.

In addition to Mr. Pryse's winning entry, others were singled out as follows:

AWARDS OF MERIT

Gregory M. Cupka—5th year, VPI&SU
Nancy Chambers—Graduate Student, UVA
Craig T. Dishner—5th Year, VPI&SU

COMMENDATIONS

Charles David Bertolini—2nd Year, VPI Washington/Alexandria Center
Mark Alan Blizard—Graduate Student, VPI&SU
Gregory Galford—5th Year, VPI&SU
Paul H. Gamard—3rd Year, UVA
Luanne Goodson—Graduate Student, UVA
Khalil N. Hamade—2nd Year, UVA
Joe Hyland—Graduate Student, VPI&SU
Joseph H. Jones—5th Year, VPI&SU
Lynne Lancaster—5th Year, VPI&SU
Burchell Pinnock—3rd Year, VPI&SU
Shaun Shih—3rd Year, VPI&SU
Tibar Waldner—5th Year, VPI&SU
Timothy Weiler—Graduate Student, VPI&SU

HONOR ONLY

(for non-competing entries from non-eligible students in the Washington/Alexandria consortium):
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JURY

Solil Banerjee, Hampton University
Warren Boeschstein, University of Virginia
Salahuddin Chandhury, Virginia Polytechnic Institute and State University
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VIRGINIA SOCIETY AIA NEWS

AWARDS AND RECOGNITION



EDGAR C. BEERY, JR., FAIA



HUGH C. MILLER, FAIA

Two Virginia Architects are Advanced to AIA College of Fellows

The American Institute of Architects has advanced two Virginia Society AIA members to the Institute's prestigious College of Fellows, in recognition of their notable contributions to the profession.

Edgar C. Beery, Jr., partner in the firm of Beery Rio & Associates, Annandale, and Hugh C. Miller, Chief Historical Architect of the National Park Service were two of the 73 Fellows selected from throughout the country to receive this distinction. They are to be formally inducted on June 19, at the 1987 AIA National Convention in Orlando.

Fellowship in the AIA is a lifetime honor bestowed upon members who have made significant contributions to the advancement of the profession in areas such as architectural practice, construction, design, education, government or industry, historic preservation, literature, public service, research, or urban design. Advancement to the College of Fellows is the highest honor the AIA can bestow on any member, with the exception of the Gold Medal, which is an international award. Fellows are entitled to designate "FAIA" following their names.

EDGAR C. BEERY, JR.

Mr. Beery is a partner in the Annandale firm of Beery Rio & Associates. In addition to his private practice of architecture, Beery has given years of service to organizations dedicated to maintaining high standards for architectural education, registration and practice.

He served two five year terms on the Virginia State Board of Architects, Professional Engineers, Land Surveyors, and Certified Landscape Architects. He served twice as President of this Board and also chaired a committee to revise and strengthen the state licensing law.

As a member of the National Council of Architectural Registration Boards (NCARB), he led a movement to radically restructure the National Professional Exam for Architects so that it would be based on verified tasks performed by architects in practice. In 1983, he chaired the committee of 50 professionals which developed the new examination.

Beery has been a member of the National Architectural Accrediting Board (NAAB) since 1979.

This Board monitors and directs the accreditation of architectural degree programs at educational institutions across the country.

His AIA activities included being a member of a Joint Task Force to Establish a Northern Virginia Chapter and a State Society. He was the Charter President of the Northern Virginia Chapter when it was established in 1974-75.

Beery has received a number of AIA awards including the Award of Honor "for continuous and outstanding service to the profession" from the Northern Virginia Chapter in 1984.

Beery, Rio & Associates, active in the Northern Virginia area since 1961, offers a wide range of architectural services including a Space Planning and Interiors Division added in 1985.

Among the firm's recent awards are the 1985 Merit Award for Design Excellence (Fairfax County Exceptional Design Award Program) for Bowman Green in Reston and the Masonry Institute's 1985 Masonry Design Award for City Square Office Building in Fairfax.

HUGH C. MILLER

Hugh C. Miller is the Chief Historical Architect of the National Park Service. Mr. Miller is a graduate of the University of Pennsylvania Graduate School of Fine Arts, a registered architect and a member of the American Institute of Architects (AIA). He has had extensive experience in planning, architecture and building technology. He was construction unit commander in the U.S. Army Corps of Engineers stationed in France and Germany. He has worked as an architect and planner in private practice and within the Federal Government. He has been responsible for preservation planning and architectural projects, including adaptive use and restoration of historic buildings such as the Philadelphia City Hall, the Academy of Music (Philadelphia) and Independence Hall.

He served for five years as advisor for cultural tourism and the development of park systems and preservation of cultural property in Jordan and Turkey and made special studies in Lebanon, Greece, and Iran. He worked as Supervisory Architect/Planner and was deputy leader of a 12-man multi-discipline planning team in Jordan. While in Turkey he conducted graduate courses in historic preservation planning at the Middle East Technical University.

Recent projects in applied technology have included the development of a computerized inventory system for over 10,000 NPS historic structures, which is currently being expanded into a preservation maintenance inspection sys-

tem; the coordination of studies in the consolidation of adobe and stone and the analysis of wood preservatives and their applicable use on existing wooden structures. He has been involved in the design and installation of controlled environment systems for museums in historic structures, and has written articles and presented lectures on the adverse impacts of environmental systems and energy conservation retrofit programs on the preservation of historic structures. He is coordinator of studies on the accommodation of handicapped persons at historic structures and sites. He is active in offering training programs for historic preservation and in lecturing to professional groups and universities.

Mr. Miller is a member of the AIA Committee on Historic Resources. He was a Director of the Association for Preservation Technology from 1973-1979, and is a board member and past president of the Foundation for Preservation Technology. He is a member of the Consultative Council of the National Institute of Building Sciences, a member of the Executive Committee of the Alliance for the Preservation of Historic Landscapes, and a member of US/ICOMOS Executive Committee.

Richmond Firm Receives Award

During the 8th Annual Construction Specifications Institute Product Show, the Richmond Branch of the American Subcontractors Association awarded Freeman & Morgan, Architects, their Architect of the Year 1987 award.

Also, Bass Construction Company, Inc., received the award for General Contractor of the Year 1987.

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CONSTRUCTION NEWS

DePasquale & Associates Completes Services Complex Master Plan

DePasquale & Associates, a Richmond architectural firm, has completed plans for Phase 1 of the Governmental Services Complex for Loudoun County, along with the Master Plan for the 92 acre site for this project, east of Leesburg, Virginia.

The two buildings which comprise Phase 1 include the Youth Shelter, currently under construction, and the Fire & Rescue Training Center which is scheduled to commence construction during the Summer of 1987. The Infrastructure work, completed by DePasquale & Associates, is also currently under construction.

Total project cost is \$4,000,000.00.



SOUTH ELEVATION

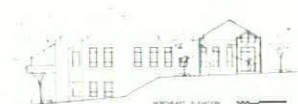


SECTION

YOUTH SHELTER



NORTHWEST ELEVATION

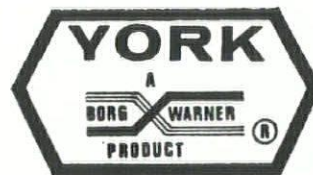


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Construction has begun on the first phase of Courthouse Plaza, designed by CHK Architects and Planners.

CHK Announces Construction Start on Two Major Northern Virginia Projects

Construction has begun on Arlington Square and on the first phase of Courthouse Plaza, in Arlington, according to recent announcements by CHK Architects and Planners.

ARLINGTON SQUARE

Now under construction at Fairfax Drive near Glebe Road, Arlington Square will soon begin to take shape in the evolving skyline around the Ballston Metro Rail Station. Designed by CHK Architects and Planners for The Washington Corporation, the eight-story building will offer 135,000 square feet of office space and retail space when it opens in early 1987.

Arlington Square represents part of the 590,000 square feet of office space and 686,000 square feet of retail space now being built in the vicinity of the Ballston Metro Station, according to Arlington County's Division of Economic Development. Additionally, approximately 3.55 million square feet of space has been approved for development, said a division spokesman.

In addition to CHK, other design team members working on the project include Smislova Kehnemui & Associates, structural engineers; Silver Associates, mechanical engineers; Stephenson & Good, landscape architects; and Long, Brown & Associates, civil engineers.

COURTHOUSE PLAZA

Construction has also begun on the first phase of Courthouse Plaza in Arlington. Designed by CHK Architects and Planners in Arlington, the project is a joint venture between Arlington County and the Artery Organization Inc./Charles E. Smith Companies Partnership to create a vibrant new civic nucleus for Arlington County.

The \$150 million, governmental, multi-use office, retail and residential complex is adjacent to the Arlington County Courthouse on Clarendon Boulevard, one block off Wilson Boulevard. When completed, the plaza will contain 600,000 square feet of office space in two buildings, a 395-unit apartment building, and a 300-room hotel. Retail space will cover 85,000 square feet, including an 8-plex movie theater, restaurants and shops. Parking will be enclosed in a 2,000 car garage.

The current phase of construction will concentrate on the first of two large office buildings. Arlington County will occupy approximately one-half of this office space.

CHK Architects and Planners has over 30 years experience in residential design, and currently is working on a number of commercial projects

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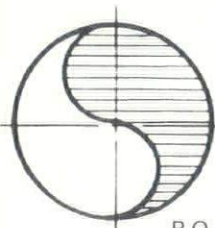
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Third Annual CLASSICAL AMERICA Competition in Architectural Design

PROGRAM

The Entrance Hall and Interior Staircase of A Museum of Art

Height and area are to be of the Competitor's choosing, the Hall itself opening on corridors leading to the Exhibition Galleries, a Staircase rising to the second storey. Provision is to be made for carved and painted decoration, with the character of this decoration indicated as fully as scale permits.

PRESENTATION REQUIREMENTS

- 1 Drawings are to be mounted on numbered boards, 30" by 40".
- 2 Plans, at 1/4" to 1", are to be shown on the Floor of the Entrance Hall and the Ceiling.
- 3 An elevation at the same scale should show the elements to be seen on entering the Hall from the outside.
- 4 At a scale of the Competitor's choice, one or more examples of decorative detail are to be offered.

5 In the lower right hand of each drawing there is to be placed the title of the Competition and a symbol representing the Competitor. That symbol will also be indicated on a sealed envelope fixed to the back of each board that will contain the Competitor's name and address, and the name and address of his or her school.

6 Entries are to be mailed, by September 1st, 1987, to:

Clark McLain-Henry Hope Reed
CLASSICAL AMERICA
227 East 50th St.
New York, N.Y. 10022

The prizes will be: First, \$2000, Second, \$1250, Third, \$750, plus four Honorable Mentions of \$250 each, with the Judges reserving the right to limit the number of prizes.

Every effort will be made for the safe return of all entries to the Competition, but CLASSICAL AMERICA cannot assume responsibility for this.

The Members of the Jury will be:

John Blatteau, AIA, architect, Philadelphia, Pa.
H. Stafford Bryant, editor, New York, N.Y.
Bradford Garnett, businessman, New York, N.Y.
Paul Hirshorn, architect, Philadelphia, Pa.
Alvin Holm, AIA, architect, Philadelphia, Pa.
Clark McLain, businessman, New York, N.Y.
Pierce Rice, painter, Arlington, VA.

Free Architectural Clinic Initiative

The United Nations has designated 1987 as the "International Year of Shelter for the Homeless." It seems, therefore, appropriate that there is a new program initiated by Leonard J. Currie & Associates FAIA/AICP, of Blacksburg, which addresses architectural involvement in ameliorating housing problems at all levels in the form of a "Free Architectural Clinic." Currie stressed in a letter to Donald J. Hackl, FAIA, President of the American Institute of Architects, encouraging national involvement that, "I refer not only to the homeless street-people that are prominent in the news, nor only to the welfare families, or to the aspirants for government subsidized housing, or the needy elderly—but to the working poor, to the marginally employed, and to the young families with the low-wage service jobs. I suggest that within our capabilities we architects attack the housing problem at all levels of social concern.

"...We are all painfully aware of the public perception that architects are 'Fancy-Dans' who serve the rich and who embellish otherwise utilitarian buildings. While we must confess that there are some grounds for such a perception, most of us are anxious to counter the notion. The program that I describe has been well received...Part of the implied message is that architects are for everyone, that we are not an elite, that an architect can help solve technical problems, can save you money on your energy costs, and can improve the functioning and the appearance of your house, your barn, and your local church. Hence, such a program on a national scale could serve a powerful public relations function for our entire profession. As architects, we can thus be perceived not as a luxury but as a necessity."


Following is an announcement sent out by the firm in addition to letters to pastors of 104 churches in the firm's area.

FREE ARCHITECTURAL CLINIC ANNOUNCED

A program intended to provide limited architectural services to local urban or rural property owners of limited means who cannot afford professional advice in planning improvements or enhancements of their homes is being initiated by a Blacksburg architectural firm.


Leonard J. Currie & Associates, whose architectural and planning office is located at 200 N. Main Street, proposed to assist such non-paying clients each Saturday morning. Clients are urged to bring plans, sketches or photographs of the property needing repairs or improvements (ie: houses, trailers, log-cabins, barns, etc.). The principal architect and his staff will aim to provide an immediate schematic

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plan, possibly a rough perspective sketch of a proposed addition, a detail of the construction of an added porch, information regarding insulation, flashing, energy conservation, an access ramp or other modification to enhance access for the handicapped, solar water heating, a patio layout or deck, etc.

No "means test" is involved—no questions concerning income or financial resources of the clinic clients—no bureaucratic procedures. No need for appointments. Clients who might prefer

to make a modest payment for services will be advised as how they might contribute to a scholarship fund for worthy architectural students.

Currie, a Fellow of the American Institute of Architects, will conduct the free clinic.

The announcement went on to list the time and place of the clinics. While this free clinic is a response to the housing problems in Appalachia, Currie hopes other architectural firms will follow his example.



Joel Chou

PERSONNEL AND OFFICE ACTIVITIES

RWK/GBA Merger

Rancorn, Wildman and Krause Architects and GBA Architects and Preservationists have completed a merger and are now operating as Rancorn, Wildman, Krause and Brezinski Architects.

The Virginia Peninsula based firm, with offices in York County, offers their clients the in-house disciplines of Architecture, Landscape Architecture, Land Planning, Urban Planning, Interior Design, Space Planning and Historic Preservation. In addition to the four Principals, nine Registered Architects and an Interior Designer, the firm also has an expanded staff that includes other support personnel, all of whom have a vast array of experience with diverse and complex projects. In 1977, the firm established an office in the Washington, D.C. area which operates today with a staff of 60 people.

According to Walter W. Wildman, Partner in Charge of Development for RWKB, "The merger of RWK and GBA expands the client base and the discipline capabilities of the firms. Client services in all of the specialties of the practice are broadened through added personnel talents and added staff to execute unique projects."

The merger will have particular impact relative to regional and out-of-state work. The firm has or is currently designing projects in Maryland, West Virginia, Tennessee, Illinois, Texas, North Carolina, Florida and Virginia. The merger has established a clear order for the perpetuation of the company and its management with the involvement of Gregory S. Brezinski, Partner in Charge of Architectural Design, who operated GBA Architects for five years.

Rancorn, Wildman and Krause Architects was founded in 1961, and in its 26 years has successfully completed more than 2000 commissions representing more than one billion dollars of construction. The firm has designed over 100 educational projects and more than 75 religious commissions. In addition to many public and private commissions, RWK has designed projects for the University of Virginia, the U.S. Army Corps of Engineers, William and Mary, Eastern Mennonite College, and Christopher Newport College.

Rancorn, Wildman, Krause and Brezinski's present direction is to strengthen its already strong regional market.

Chou Joins Washington Design

Washington Design Group, Ltd. of Norfolk, recently announced the addition of Joel Chou to the staff as an Architect.

Prior to joining Washington Design Group, Chou most recently served as a Project Manager for Morrisette Cederquist Bondurant And Associates, and as a Project Designer for VVKR Incorporated, both of Norfolk. Additional experience came from tenures as a chief designer, senior designer and site superintendent for architectural firms in Taipei, Taiwan. His design work has been recognized by the Tourism Bureau of the Republic of China and the Mayor's Award in Taipei, Taiwan.

A graduate of Chung Yuan University in Chung-Li, Taiwan with a B.A. in Architecture, Chou also attended North Carolina State University where he earned a M.A. in Architecture. He is a licensed Interior Designer, and has had works published on several topics and programs in a variety of publications. He and his wife currently reside in Norfolk.

Washington Design Group Ltd., Norfolk, is headquartered at 501 Front Street, Norfolk, and has additional offices in Richmond and Lynchburg.

Glavin Joins Staff of Falls Church Firm

Dennis T. Glavin has joined the LBC&W/Maguire, Architects, Engineers and Planners, as Health Care Facilities Marketing Manager. Mr. Glavin, a native of Syracuse, New York, formerly served as Director of Marketing for Smith Segreti Tepper McMahon Harned Architects of Washington.

Mr. Glavin, a graduate of University of South Florida, began his career in marketing in Florida as director of marketing for a Jacksonville architectural firm. In his new position, Mr. Glavin will manage the marketing of LBC&W/Maguire's Health Care Facilities design services on a national basis.

LBC&W/Maguire is a Division of CE Maguire.

Staff Addition

Ernie Rose, Inc., Architects, is pleased to announce the addition of R. F. (Rick) Haynie, AIA, to its staff. Mr. Haynie will be in charge of contract administration services for the firm.

VMDO Architects Expands Staff

VMDO Architects, a Norfolk and Charlottesville based architectural, interior design and planning firm, has announced two additions to its Charlottesville office. Gwyn C. Gilliam-Turner has recently joined the firm as a member of the design and project production staff, and Marlene G. Meyer was recently added to the interior design group.

Ms. Gilliam-Turner, who holds a Master of Architecture degree from the University of Virginia, brings nine years of experience in project design and production management. Formerly associated with the Architects Collaborative in Cambridge, Massachusetts, she has project experience with the University of Baghdad Expansion and the Khulafa Street Project in Baghdad, Iraq, and the Copley Place Project in Boston, Massachusetts. Ms. Gilliam-Turner is currently designing an outdoor cafe expansion for the Charlottesville Omni Hotel, and renovations for several financial institutions.

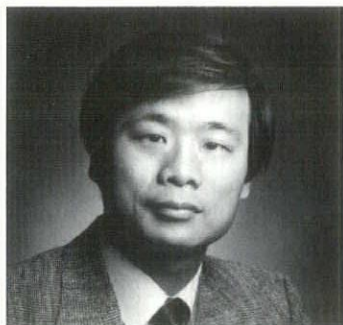


Ms. Gilliam-Turner



Ms. Meyer

Ms. Meyer received a Bachelor of Fine Arts degree in Interior Design from James Madison University. Her responsibilities at VMDO include interior design development, space planning, and furnishings procurement for clients. She is currently involved in design for Mary Washington College Library Interiors, Mary Washington College Student Center Interiors, space planning for the Northridge Office Building, and interior design for the Farmers and Merchants National Bank of Stanley, Virginia.



Charles C. Chang

Yates Group Names Project Architect

Charles C. Chang has joined the design staff of The Yates Group, P.C. in Portsmouth as a project architect.

Chang has a Bachelor's degree in architecture from the University of Tamkang in Taiwan and a Master's degree in architecture from the University of Illinois.

He formerly worked with OSC Associates in Norfolk; Skidmore, Owings & Merrill in Chicago; and Nanking Architects and Engineers in Taipei, Taiwan.

He is a member of the American Institute of Architects, The International Chinese Architecture Society, and The Institute of Architects of the Republic of China. Chang is a registered architect in Virginia.

C. E. Loving Joins Dewberry Davis

Charles E. Loving, civil engineer, has joined the Richmond office of Dewberry & Davis, a full-service architectural/engineering firm headquartered in Fairfax. Mr. Loving is a former engineer with the Design Division of the County of Henrico Department of Public Works and specializes in lake hydraulics, earthen dam design, floodplain analysis, site planning, municipal water and sewer layout and design, and structural concrete design.

Current projects with which Mr. Loving is involved at Dewberry & Davis include Summerfield Subdivision, a 20-acre, 16-unit single-family home subdivision in Richmond; and Kings Charter, a 460-acre mixed-use development in Hanover County. Mr. Loving is an associate member of the American Society of Civil Engineers and an active member of the American Public Works Association.

Dewberry & Davis provides complete architectural, engineering, planning, and surveying services from 13 offices located throughout the mid-Atlantic region. Dewberry & Davis is ranked the 52nd largest design firm in the nation, according to *Engineering News-Record* magazine's annual "Top 500 Design Firms" survey.

Williamsburg Firm Names Ms. Payne As Associate

Renee M. Payne has been named Associate in the Williamsburg Architectural Firm of Magoon/Guernsey Architects.

Ms. Payne has been with the firm since January of 1984 and is presently Office Manager and Assistant Marketing Director.

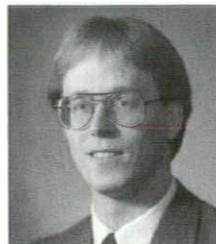
She has also founded the Tidewater Chapter Society of Architectural Administrators in which she serves as president.



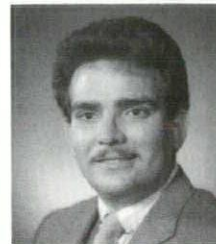
Renee M. Payne



Grant



Huck



Weyde, Jr.



Layeni

Krummell and Jackson Expands Staff

Krummell and Jackson Associates, P.C., proudly announces the following additions to its architectural staff: Melvin T. Grant, a Computer Aided Drafting Design (CADD) Technician who has attended Hampton University; Martin K. Huck, Technician, who has received his Bachelor of Architecture degree from Virginia Polytechnic Institute and State University; Robert J. Weyde, Jr., Technician, who was affiliated with a design firm in Florida and attended Florida State University; Akim O. Layeni, Project Manager, who holds a Masters degree in Architecture from Virginia Polytechnic and State University and worked for several local architectural firms.



Ms. Belcher



Ms. Poppen

Joining the administrative staff are: S. Anne Belcher, with 16 years of experience in financial administration and Nancy A. Poppen, from Des Moines, Iowa with seven years in office administration.

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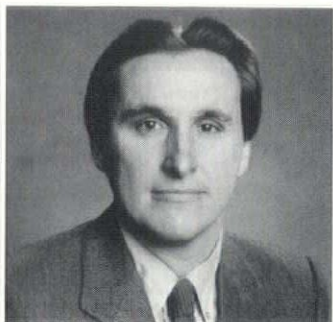
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Feineis Joins HSMM

Hayes, Seay, Mattern and Mattern, Architects-Engineers-Planners, announces the addition of Theodore A. Feineis as Project Manager/Architect for their Virginia Beach Regional Office.

Mr. Feineis is a licensed architect who received a Bachelor of Science degree in Architecture from the University of Illinois. He comes to HSMM from Williams, Tazewell and Cook & Associates, Norfolk where he was a principal and vice president.



Mark K. Woodard

Woodard Joins Barnes-Lyall Group

Mark K. Woodard has joined the architectural firm of The Barnes-Lyall Group, Inc. The firm has its offices located in Parkway Center in Virginia Beach.

Mr. Woodard holds a Bachelor of Architecture degree from Virginia Polytechnic Institute and State University. He was previously employed as a project manager with Hanbury, Evans, Newill, Vlattas, P.C. of Norfolk. Mr. Woodard's experience includes retail and commercial construction management, design and project management of housing, commercial, and institutional projects.

John J. Corley, Jr. to Head Washington Office of HWA

John J. Corley, Jr., AIA/CSI, Vice President, has been appointed Director of the Washington office of Harry Weese & Associates, Ltd. (HWA). Mr. Corley, who joined HWA in 1974, will oversee all aspects of the administrative, business development and architectural matters relating to projects undertaken by the office.

Mr. Corley graduated with a Bachelor of Science in Architectural Technology from the New York Institute of Technology in 1964. He is a member of the American Institute of Architects and the Construction Specifications Institute. He is active in professional organizations and has been a director of both the Northern Virginia Chapter of the AIA and the Virginia Society, AIA. Along with Stanley N. Allan, the President of HWA, Mr. Corley is a representative of the firm to the Greater Washington Board of Trade.



Left to Right: Dana Keeling, DJG Interior Designer; Dan DeYoung, President DJG; and George Daggaraff, Va. International Terminals, share a laugh.



Left to Right: Bill Black, Vice President, DJG; and Dave Batie, Colonial Williamsburg Foundation, in deep discussion.

DJG Hosts Third Anniversary Open House

The DeYoung-Johnson Group, Inc. hosted an Open House to celebrate its Third Anniversary and the new expansion and decorating of its office space. The event was well attended by clients from both the government and private sectors and was held March 27 in the DJG, Inc. offices at the Central Fidelity Bank on Richmond Road in Williamsburg.

In January 1978 Daniel J. DeYoung and William D. Johnson began the DeYoung-Johnson Consulting Engineers. In January 1984 William C.

Black and Lynn D. Evans joined the firm and at that time DJG, Inc. was formed. In October 1986, the partnership was expanded to include a new principal, Louis M. Pencic.

To date DJG has 33 professionals on the staff which include the disciplines of Structural and Civil Engineering, Architecture, Waterfront Design, Commercial Interior Design and Space Planning, Land Use Planning, Land Surveying and Construction Administration.



Sharing in the festivities are (left to right): Scott Spence, Colonial Williamsburg Foundation; Mike Matthews, DJG Structural Engineer; Susan Saunders, Central Fidelity Bank; and Gary Quick, DJG Architectural Technician.

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Challenge Grant to University of Virginia

The Kresge Foundation of Troy, Mich., has pledged a challenge grant of \$750,000 to the University of Virginia toward the restoration of one of the pavilions on U.Va.'s historic Lawn if the school can raise \$3.5 million in endowment funds to preserve the Jeffersonian buildings and grounds.

For the grant to actually be transferred to U.Va., the challenge condition must be met by October 1988. The Kresge pledge is the largest received to date in the five-year, \$10 million Jeffersonian buildings and grounds fundraising project, which began in June 1985.

The project, led by U.Va. development officials with the help of the national Jeffersonian Restoration Advisory Board, is seeking funds both for an endowment to generally restore the historic area and money to support specific restoration efforts.

The Kresge grant will go to the restoration of Pavilion I. Jefferson's primary design influence for Pavilion I was the classic Doric architecture of the Greek Baths of Diocletian.

Historic restoration experts at U.Va. say that Pavilion I will provide their next opportunity to

apply the restoration technology that has been developed in previous restorations of Pavilions III and VIII. Planning is already under way to address the challenges such buildings offer for heating, air conditioning, electrical systems and special craft techniques, including painting.

As in all recent U.Va. restoration work, the intention for Pavilion I is to produce a building not frozen in a museum-like state, but one that exhibits its original features while withstanding regular use as a faculty residence.

The large pledge from the Kresge Foundation signals a growing national coalition to save one of America's treasures, the Jeffersonian buildings and grounds at U.Va., said Peter Lawson-Johnston, chairman of the Jeffersonian Restoration Advisory Board.

"This marvelous group of structures, designed by Thomas Jefferson and voted the nation's crowning architectural achievement by the American Institute of Architects in 1976, has been in daily use by students, faculty and the public since 1825," he said. "Jefferson's creations still live—and they must be preserved and restored, not only for the University community, but for the entire country as well."

"The Kresge Foundation pledge challenges individuals and groups around the country to

assume partnership in this worthy effort," he added.

The Kresge Foundation last year reviewed 915 proposals and awarded grants totaling more than \$45 million to 151 charitable organizations in 37 states, the District of Columbia, Puerto Rico and Great Britain. By February, the foundation's total awards for 1987 had reached nearly \$9 million.

Kresge Foundation grants are made to institutions operating in the areas of higher education, health care, arts and humanities, social service, science and conservation, religion and public policy.

Grants from the foundation are made toward projects involving construction or renovation of facilities and the purchase of major capital equipment or real estate. Most grant recipients have raised initial funds toward their respective projects before requesting the foundation's assistance. Grants are then made on a challenge basis, requiring the raising of the remaining funds, thereby insuring completion of the projects.

The Kresge Foundation is an independent, private foundation created by the personal gifts of Sebastian S. Kresge. It is not affiliated with any corporation or organization.

Leading U.S. Architect Honored at U.Va.

Romaldo Giurgola, one of the country's leading architects and architecture-educators, was honored at the University of Virginia on April 13, during the University's celebration of the birth of its founder, Thomas Jefferson.

Giurgola, who was presented the Thomas Jefferson Memorial Foundation Medal in Architecture, gave a public lecture in Culbreth Theater.

The annual award, recognizing distinguished contributions to a field that Jefferson was a leader in, is sponsored jointly by the University and the foundation, which owns and operates Monticello.

Giurgola, a native of Rome who is Ware Professor of Architecture at Columbia University, has designed numerous public and private buildings around the United States and was the winner of

a major international design competition for a new Australian Parliament building in Canberra, now under construction.

Among his outstanding achievements, he was a design consultant in 1977 for the master plan for the future development of the U.S. Capitol area in Washington and in 1974 won a national competition for the design of the Wainwright State Office Complex in St. Louis.

His numerous awards include the American Institute of Architects Architectural Firm Award and Gold Medal, the Arnold Brunner Award of the National Institute of Arts and Letters and the Bard Award of the City Club of New York.

He is a Fellow of the American Institute of Architects and a member of the American Academy and Institute of Arts and Letters. He is also a Commendatore of the Republic of Italy, cited by the Italian government for distinguished achievement. His firm is Mitchell/Giurgola Architects of New York.

Educated at the University of Rome and Columbia University, he has taught at Cornell University and the University of Pennsylvania and has been architect-in-residence at the American Academy in Rome.

U.S. Supreme Court Justice Sandra Day O'Connor, the 1987 recipient of the Thomas Jefferson Memorial Foundation Award in Law, gave a public address April 13 in the U.Va. law school's Caplin Auditorium. O'Connor and Giurgola received their awards at a private Founder's Day luncheon.

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Tech Architecture Professor Establishes International Archive

When an 82-year-old European woman died last year, her daughter threw away the drawings her mother had made during a lifetime as an architect. And with that move, part of the history of the contributions of women to architecture was lost.

Concerned that the works of other pioneering women architects may meet similar fates, Milka Bliznakov, professor of architecture at Virginia Tech, has spent the past three years getting an International Archive of Women in Architecture established in the special collections section of Tech's Newman Library.

Supported by the College of Architecture and Urban Studies, Bliznakov has traveled to Italy, France, Germany and Austria in her quest for materials for this first international archive. And she has written articles promoting the archive for publications in the United States, Canada and Germany.

For the past two years, Bliznakov has arranged symposiums and exhibitions in Cowgill Hall to draw attention to the work of women architects. Last year, she mailed more than 1,200 letters to women architects in the United States and Europe, requesting contributions to the archive. A letter translated into Portuguese will soon go to women members of the Portugal Association of Architects, and work has begun to secure addresses in South America, Asia and Africa.

Her efforts are beginning to make the archive a reality. The library has received the works of 20 women from Austria, Spain, the United States and West Germany. Five other women have donated publications on a variety of topics, and the Congress of the International Union of Women Architects has sent a collection of materials.

The architecture professor first became aware of the sparsity of information about women architects when several students approached her, asking why they never saw the name of a woman architect, never saw a woman exhibit or heard a woman lecture. "I went to the library and found out that there is very little about women architects in the library," she said.

The reasons for this oversight, she said, are varied. "Men are inclined to promote their work, while women are inclined to be anonymous contributors and do not promote their work in the media.

"Additionally, early women architects usually designed buildings conducive to the physical and mental well-being of the ordinary family rather than lavish monuments or estates of the wealthy. Consequently, their work remained largely unknown."

From a family of professional men and women herself, Bliznakov had not considered architecture in terms of a male or female occupation. "I was 33 years old when I heard that architecture was not for women," she recalled.

But the query of the students and her own check of the literature made her aware that a problem existed. "As a researcher, I found I had to correct history," she said, adding that she does not

want "future generations, simply because of a lack of information, to say women architects never did anything. I want to make the information available."

Operated by a board of advisors headed by Bliznakov, the archive has four goals: to find and preserve records of women architects and designers who are deceased; to get retired women architects to donate their works; to get active women architects to contribute their early works and bequeath the rest of their papers; and to preserve the collected documents, provide reference services for researchers and disseminate information on the achievements of women.

Other officers of the board include Robert E. Stephenson, architecture librarian, secretary; and Laura H. Katz of the library staff, archivist.

SIDELIGHTS

Alternative to Litigation Launched

Described by sponsors as the "first ever" industrywide meeting to take action on the twin problems of liability and litigation, a new dispute resolution service was inaugurated by key professional and client members of the building industry. Industry leaders held a briefing on Thursday, March 19, at the Washington, DC, headquarters of The American Institute of Architects, 1735 New York Avenue, NW, to describe a construction mediation service designed to resolve costly construction disputes.

Participating in the hour-long industry and press briefing, which was held in the AIA's Board Room, were top officials of the four sponsoring organizations: AIA president Donald J. Hackl, FAIA; American Consulting Engineers Council (ASEC) president-elect Lester H. Smith Jr.; American Society of Civil Engineers (ASCE) president Daniel B. Barge Jr.; and National Realty Committee (NRC) president E. Wayne Thevenot.

Linda R. Singer, executive director of the Washington-based Center for Dispute Settlement (CDS), the pilot project administrator, explained the effectiveness of mediation as a communications and management tool that helps resolve quickly what might otherwise be costly, protracted, and bruising legal problems. Singer's CDS recently scored a signal success by mediating in record time a dispute between representatives of several Wisconsin Avenue citizens groups in Washington, DC, and the Donohoe Development Company, the Miller Companies, and Abrams and Associates. William O. Vose, vice president of Donohoe Development, and

Members of the board include Charles Burchard, dean emeritus of Tech's College of Architecture and Urban Studies; Paul M. Gherman, director of University Libraries; Blanche Lemco van Ginkel, professor of architecture and former architecture dean at the University of Toronto in Canada; Glenn L. McMullen, Newman Library special collections librarian; Carolyn Peterson, a principal in the architectural firm of Ford, Powell & Carson, San Antonio.

Also, M. Rosaria Piomelli, professor of architecture and former dean of the architecture school at City College of New York; Helga Schmidt-Thomsen, an architect in West Berlin; Charles W. Steger, dean of Tech's College of Architecture and Urban Studies; and Susana Torre, an architect with Wank Adams Slavin Associates in New York City.

mediator Ozzie Bermant were present to discuss how mediation resolved the Wisconsin Avenue conflict to the satisfaction of all the parties concerned.

"The roster of those funding this unique study," AIA president Hackl noted, "represents an encouragingly unified approach to a problem that affects the entire building team, from the design and technical professionals to the clients themselves. As such," continued Hackl, "the real beneficiary of this commitment to act decisively has to be the public, who will profit from our efforts to hold down construction costs and enhance quality."

A unique feature of the Washington, DC, pilot program is the use of individuals trained in the art of mediation. "We intend to use mediators," according to CDS executive director Singer, "who are not only familiar with the vagaries of the court system and capable of understanding the technical questions that arise in construction disputes, but who even more importantly have a minimum of 50 hours of training and extensive experience in mediation. In this way," she continued, "we hope to enable disputants to continue working together as well as to resolve their immediate disputes."

Following the briefing, there was time for questions from the floor prior to a reception for participants, invitees, and the press. For further information, contact: Ray Rhinehart at (202) 626-7463.



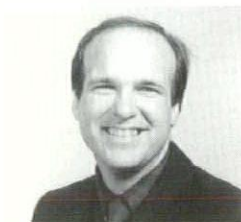
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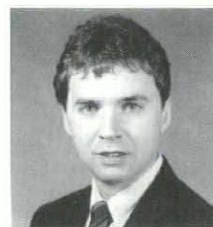
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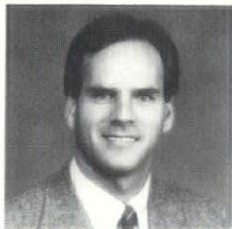


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(Continued on page 22)

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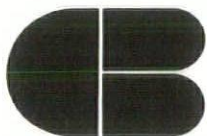
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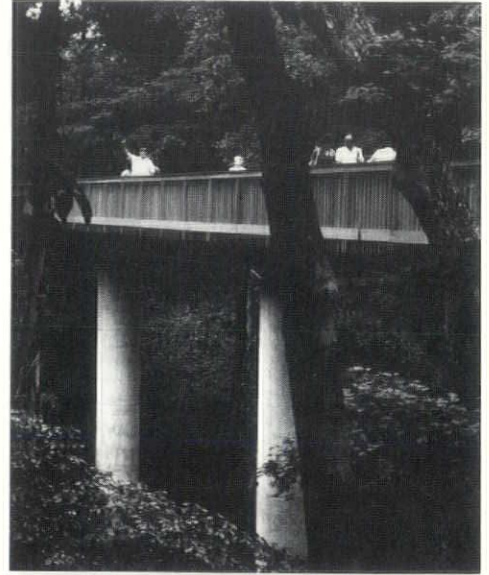
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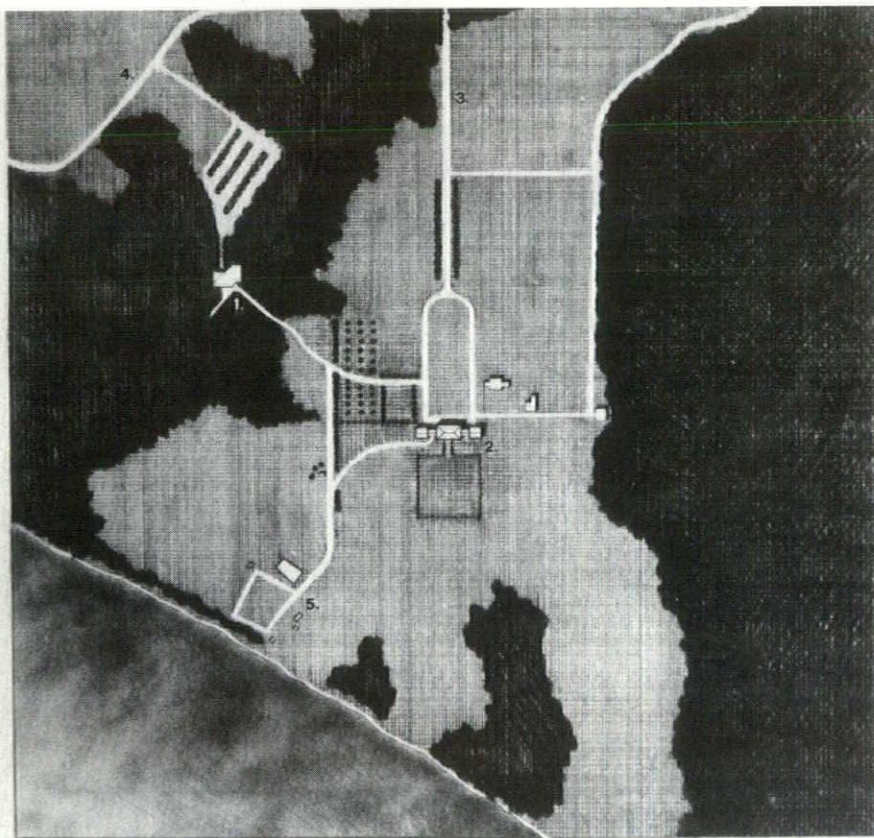
Carter's Grove Plantation Reception Center

Carlton Abbott and Partners, Inc., P.C.—Architect

Owner: The Colonial Williamsburg Foundation • Location: James City County

Project Architect/Designer, Gary F. Arnold • Site Engineer/Surveyor, Turner-Robinette • Site Utilities, Hoggard-Eure Associates • Structural Engineer, Abiouness, Cross and Bradshaw, Inc. • Mechanical/Electrical Engineer, HC Yu and Associates • Geotechnical Engineer, Schnabel Engineering Associates • General Contractor, Universal Construction.





LEGEND

1. Reception Center
2. Mansion
3. Main Drive (closed)
4. Country Road
5. Wolstenholme Towne



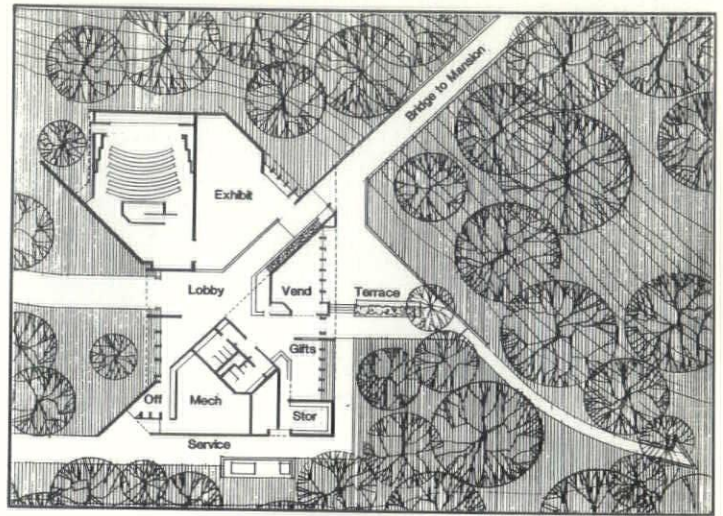
Carter's Grove Plantation was originally owned by Robert "King" Carter, who constructed a mansion on the site in James City County, Virginia in 1752. The plantation and its buildings were sold several times and entered a period of disrepair until 1927, when Mr. and Mrs. Archibald McCrea purchased it, and later when the Colonial Williamsburg Foundation took over its ownership and operation.

The Foundation has conducted restoration and archaeological projects, one of which unearthed the "Wolstenholme Towne Site," originally settled in 1620 downhill from the mansion. This find is very valuable and distinctive, apart from the Carter's Grove Plantation, making the area even more important to the Foundation, which was previously operating a makeshift Visitor Center in horse stables adjacent to the mansion. This building provided inadequate display space, climate control and creature comforts for the visiting public. Access to the building also allowed automobiles and buses to enter and visually intrude upon the restored area of the plantation.

The program for this project was to provide a master plan which separated 20th century developments from the historic area and to provide a modern facility for visitor orientation.

The new master plan relocated all of the modern development to a new site across a deep wooded ravine. The new parking area and reception center are at the edge of a ravine, which is crossed by a new 180-foot long and 30-foot high foot bridge through mature cypress trees. The slight curve at the end of the bridge directs one's first view of the 1752 mansion. A single walking path leads to the mansion and to the Wolstenholme Towne Site. The architect consulted on path locations and devices and structures for the interpretation of the recently discovered archaeological site of Wolstenholme Towne.

The 10,500 square foot reception center is a steel frame structure, clad in naturally stained cedar.



The building includes an exhibit space and a 100-seat theater that explains the history of the land since its original occupation by the Indians. Also included are a lobby space, an information desk, a gift shop, restrooms, offices and a vending area with an adjacent deck.

A simple memorial site and overlook recognize the late Winthrop Rockefeller, former Colonial Williamsburg Foundation chairman of the board. Mr. Rockefeller was a major supporter and benefactor to the preservation of Carter's Grove Plantation.

Universal Construction of Richmond was general contractor and handled foundations, concrete work, reinforcing, foundation insulation, carpentry, structural wood, paneling, waterproofing, and caulking.

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Best Western Howard House Inn

MHA, Inc.—Architect

Owner: Howard House Inn Associates • Location: South Boston

Landscape Architect, LandDesign Consortium • Interior Designer, MHA, Inc. • Site Preparation, Mason C. Day Excavating, Inc. • Structural Engineer, Dunbar, Milby & Williams • Mechanical/Electrical Engineer, Brandt Engineering, Inc. • Geotechnical Engineer & Materials Testing, Froehling & Robertson, Inc. • Surveyor, Jones & Associates • General Contractor, J.E. Burton Construction Co., Inc. • Photography, Whitney Cox.

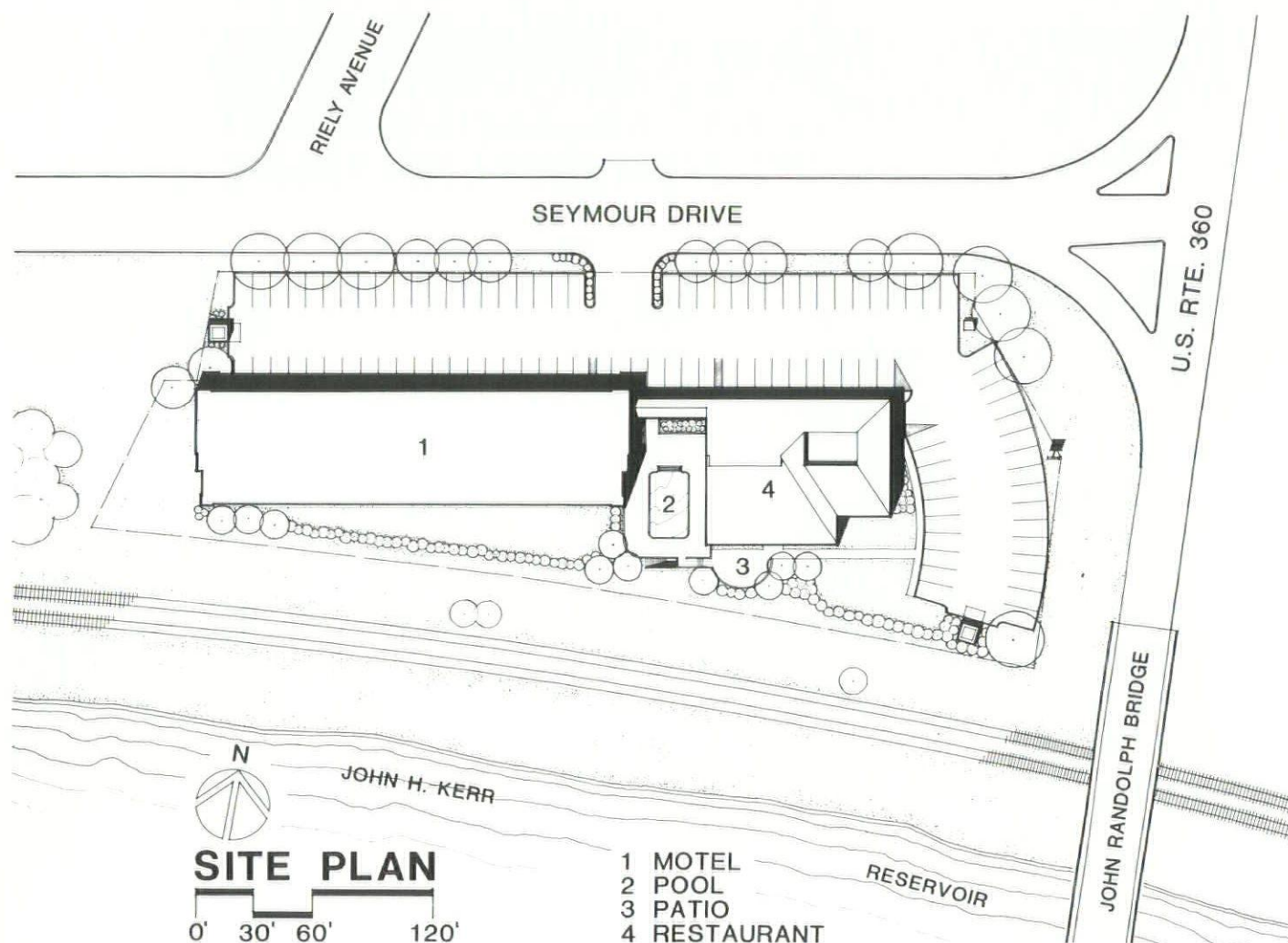
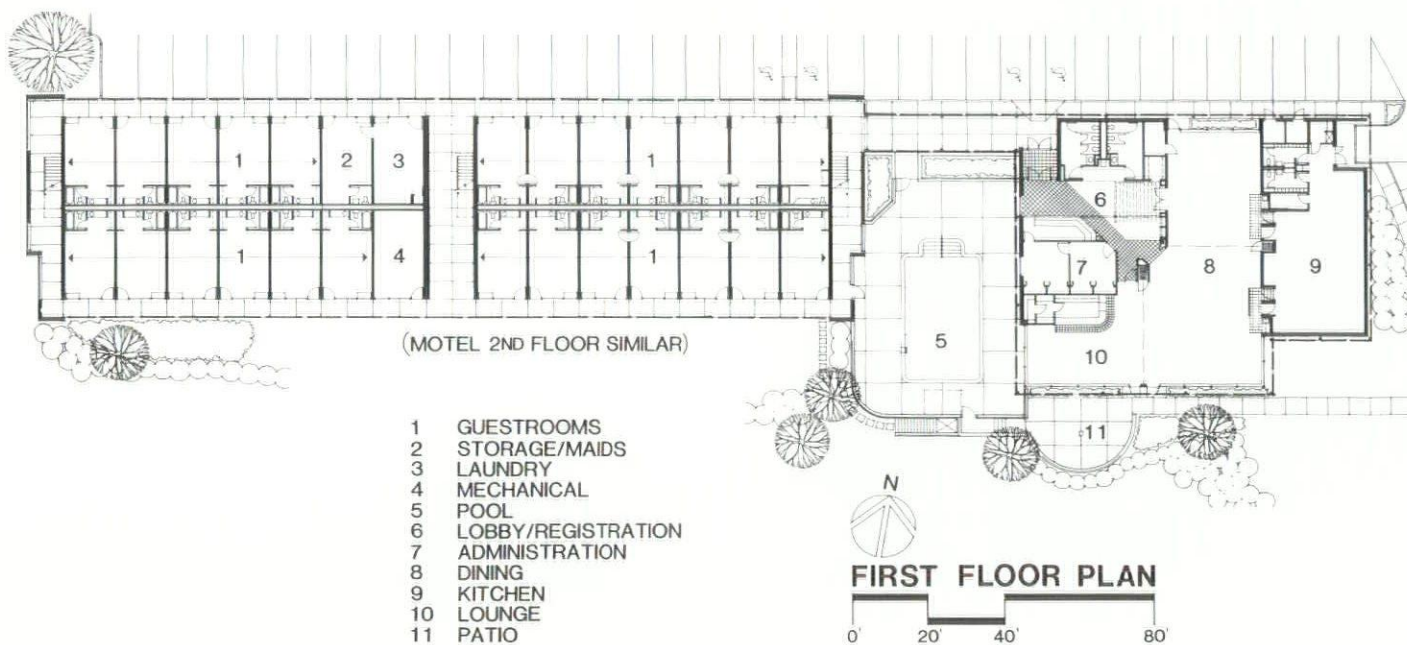
The Best Western Howard House Inn, located at the intersection of U.S. Route 360 and Seymour Drive in South Boston, Virginia offers a new concept in lodging, dining and meeting accommodations for visitors and residents of the City of South Boston and its surrounding communities. The motel, with restaurant and conference center accommodations, is the first lodging facility in this rural, southern Virginia community to be associated with a national motel chain.

The necessity for a new motel that is associated with a national motel chain was initially realized by South Boston area planners. A feasibility study was conducted to determine whether the motel should be independently owned or whether it should be associated with a national motel chain. At the conclusion of the study, a determination was made that the industrial efforts of South Boston and its neighboring communities would support and benefit by the addition of a motel affiliated with a national chain. Thus, with a goal to assist the efforts of the community in improving the industry of its local area, construction of the Best Western Howard House Inn was completed during the Fall of 1985.

The facility provides much needed lodging and dining space for many visitors who are drawn to the area each year for sports racing events at the South Boston Speedway, as well as leisure sports activities such as boating and fishing along the Dan River and nearby John Kerr Reservoir. In addition to serving the needs of tourists, the motel attends to the business and social needs of its local business community and area residents by providing conference center accommodations and dining facilities.

The 21,775 S.F., two-story motel has a brick exterior and cedar siding. The lobby and registration area lends a pleasant visual interest to guests. The vaulted ceiling, cedar siding and quarry tile flooring in the lobby and registration area offers a unique, comfortable atmosphere





while at the same time, the use of laminated wood beams aids in scaling the height of space to a relatable level for guests. A marble-top registration desk and clerestory windows above the registration area complement the lodging and conference center setting. There are 52 guest rooms, 20 of which have interconnecting capabilities. Two guest rooms are equipped with wall bed units and are designed to be used for lodging/meeting rooms. Support spaces in the motel include administrative office spaces, storage/maid service areas, and laundry and mechanical rooms. Additional service spaces include parking for 100 automobiles.

An adjoining restaurant and lounge, Boyd's Tavern, is connected to the motel by a covered canopy. This 6,867 S.F. restaurant and lounge is constructed of wood frame brick veneer with cedar siding and cedar shingles. The style of the restaurant is such that the rustic, tavern-like overtones of the contemporary design are recalled in the lobby of the restaurant. The restaurant provides dining room seating for 76 guests, while the lounge will accommodate seating spaces for 60 guests. A distinctive design feature of the functional use of restaurant and lounge space allows for partitioning the lounge or sections of the restaurant so that several large or small group gatherings can be held simultaneously.

The lounge and an adjacent outdoor patio provide an elevated view of the swimming pool and surrounding landscaped deck, and contribute to creating a welcome, pleasant atmosphere for guests attending business as well as social gatherings at the Best Western Howard House Inn.

J.E. Burton Construction Co., Inc. of South Boston was general contractor and handled foundations, concrete (with Guill Brothers, Lynchburg), concrete roof deck (with Guill Brothers), and carpentry.

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And, Climate Control, Inc., South Boston, plumbing/heating/ventilating/air conditioning/electrical contractor & lighting fixtures/electrical equipment supplier; Philips Industries, Inc., Lasco Div., Cordele, GA, acrylic shower units; Virginia Marble Manufacturers, Inc., Kenbridge, cul-

tured marble vanity tops; Proven Products, Inc., Kinston, NC, accordion partitions; and H.E. Satterwhite, Inc., Richmond, marble desk top.

Contracted separately by the owner were: Petty's Plant World Nursery, Danville, landscaping materials & landscaping contractor; APAC-Virginia, Inc., Richmond, paving contractor; Paris Shade Shoppe, Inc., Richmond, window treatment; Wellco Business Carpet, Calhoun, GA, carpet manufacturer; Meredith Swimming Pool Co., Inc., Greensboro, NC, swimming pool & deck; Sasser Signs, Danville, streetfront marquee; RCA Service Co., Div. RCA, Richmond, telephones; VaCar Cablevision Ltd., South Boston, cable TV; American of Martinsville, Richmond, Davis Manufacturing, High Point, NC, and Falcon, St. Louis, MI, furnishings; and John G. Kolbe, Inc., Richmond, kitchen equipment.



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Richmond Ramada Renaissance Hotel

Rabun Hatch, P.C.—Project Architect

Glave Newman Anderson with Beckstoffer Associates—
Interior Architects

Owner: Continental Hotel Development •
Location: Richmond

Associated/Consulting Architect, Glave Newman Anderson with Beckstoffer Associates — Interior Architecture • Interior Designer, Glave Newman Anderson • Structural Engineer, Weems-Doar • Mechanical Engineer, Quality Mechanical • Electrical Engineer, Cater & Parks • General Contractor, F.R. Hoar & Son, Inc. • Photography, Whitney Cox.

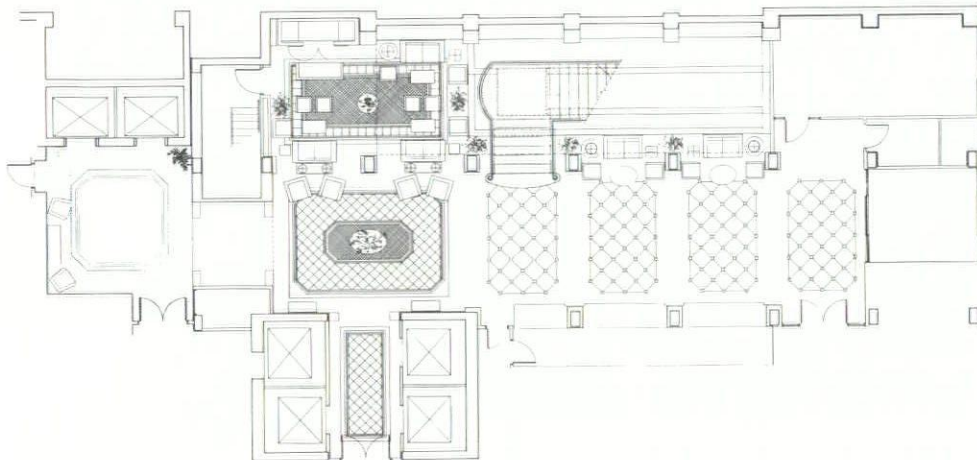
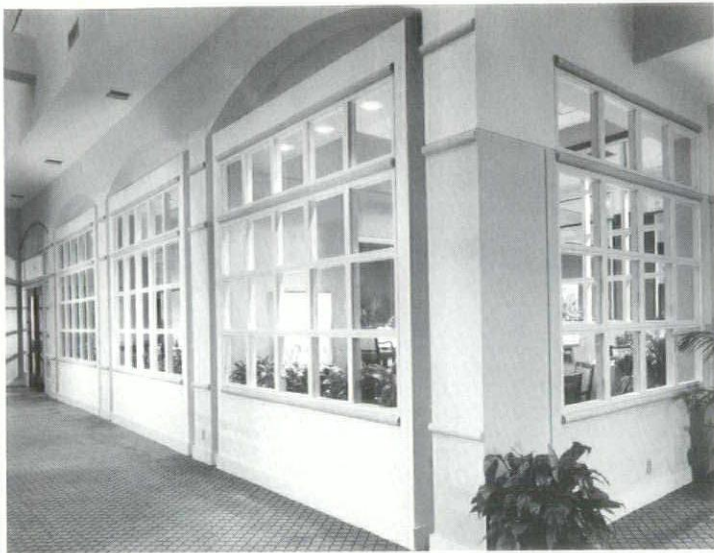
The Renaissance concept is a relatively new one in the Ramada Lodging system. Although the Renaissance Hotels are well known outside the United States where there are 15 properties, there are currently only eight in the Continental United States. Luxurious accommodations, personalized service, and innovative restaurants are the trademarks of Renaissance properties. Each Ramada Renaissance Hotel, whether resort or business oriented, must meet very stringent standards of service and quality in order to carry the Renaissance banner.

The overall interior design concept and goal for the Richmond Renaissance Hotel, which opened in the summer of 1986, was to create an inviting atmosphere which combined the charm and casual elegance of Old Richmond with a touch of modern festivity. The interior ambience has been achieved by incorporating classic styles from the '20s and '30s in the major public spaces of a contemporary structure. A sense of Richmond's past and present is experienced as the hotel guest passes through several decades of distinct period designs while moving through the public spaces such as the meeting rooms, lobby, restaurants, and the concierge's desk.

Based on this design concept the lobby level recalls the "great hall" of the historic English country homes which inspired so many Virginia manor houses. The lobby is wood paneled with a patterned floor in grey and rose colored granite tiles, echoing the hotel's exterior walls. Polished rose granite forms the top of the reception and concierge desks; the walls behind the desks are upholstered in hunter green velvet.

Beyond the "great hall" the grand staircase rises in a three-story atrium leading hotel guests to the major dining and meeting rooms on the second floor. As a backdrop to the staircase a





"wall of water" gently cascades down a stepped granite wall into a collecting pool. The pool, surrounded by a variety of plants, defines a sitting area, evoking the tranquility of an outside garden. The water sounds mask extraneous noises, allowing patrons to enjoy private conversations over drinks from the lobby bar.

The lobby's furnishings are eclectic in style, as if they had been acquired over generations and collected in a James River country house. Over-stuffed sofas upholstered in velvet mingle with early Georgian chairs covered with tapestry. The color palette of mauve, burgundy, salmon, hunter green and black is incorporated throughout, including the pattern of three custom designed needlepoint rugs.

Glave Newman Anderson Architects were architects for the interior spaces, in association with Beckstoffer and Associates; the latter of which had design responsibility for the ballroom and meeting room areas. The hotel shell and parking garage were designed by Rabun Hatch, P.C., Architects in Atlanta, Georgia.

F.R. Hoar & Son, Inc. of Birmingham, Alabama was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)
Simons Hauling Co., Inc., excavating; The CECO Corp., concrete contractor; Tindall Concrete Products, Inc. Spartanburg, SC, prestressed concrete; Dixie Roof Deck, Birmingham, AL, built-up roof; Woodcraft Manufacturing, Gulf Breeze, FL, millwork, paneling & cabinets; Tayloe Glass, Memphis, TN, glazing contractor; and Pleasants Hardware, metal doors & frames.

Also, R.B. Brunemann & Son, Cincinnati, OH, window wall; A Bertozzi, Inc., gypsum board contractor; General Tile & Marble Co., Inc. and H.E. Satterwhite, Inc., ceramic tile; O'Ferrall, Inc., acoustical treatment; Glidewell Bros., Inc., painting contractor & wall covering; Douglas Aquatics, Inc., Mechanicsville, swimming pools; Dover Elevator Co., elevator; Worsham Sprinkler Co., Inc., Ashland, sprinkler contractor; Quality Mechanical Contractors, Inc., Birmingham, AL, plumbing contractor; and 4-Star Electric, Birmingham, AL, electrical contractor.



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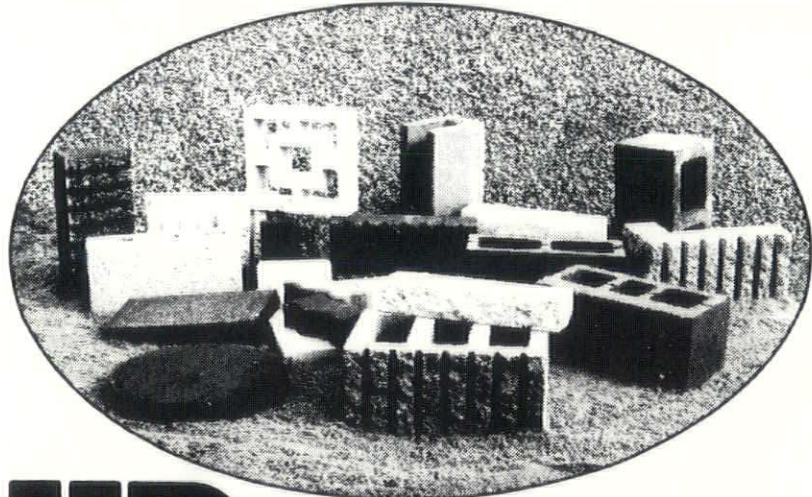
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Virginia Beach Resort and Conference Center

Morrisette Cederquist Bondurant—Architect

Owner: Virginia Beach Resort Conference Hotel ■ Location: Virginia Beach

Project Architect/Designer, Lacy W. Austin, AIA • Landscape Architect, Edward G. Carson & Associates • Interior Designer, Morrisette Cederquist Bondurant • Scheduling Consultant, Project Management Group • Site Engineer, Miller Fox & Stephenson • Structural Engineer, Morrisette Cederquist Bondurant • Mechanical/Electrical Engineer, Old Dominion Engineering • Geotechnical Engineer, ATEC Associates, Inc. • Food Facilities Designer, Faasen and Assoc. • General Contractor, McDevitt and Street Company • Photography, Pat Horton—Photography Unlimited.

The decision to build a major resort conference "suite" hotel in Virginia Beach, on the quiet waters of Chesapeake Bay, away from the rolling surf of the Atlantic Ocean and the noise and confusion of the Atlantic Avenue strip, was both logical and courageous at the same time. The 3.7 acre site is located directly on the Chesapeake Bay, and is bounded on the south by Shore Drive, a heavily traveled artery connecting the Atlantic Ocean beaches with the more secluded areas on the shores of the Chesapeake Bay.

The owners' financing plan for this project was to sell a portion of the suites of the facility as condominiums, whereby the owners of the units would have ownership in the hotel and its facilities. When not owner-occupied, the living units are available for daily usage. For this plan to be successful, it was necessary for the design to attract several different groups of buyers. As a hotel conference center, the project should capture the interest of the professional meeting planner, the business traveler, and the many vacationers who converge on the Virginia Beach area during the summer months. At the same time, the sales of the condominiums were a crucial part of the success of the entire concept.



Highlighting the features available to guests are the Tradewinds Restaurant and the indoor-outdoor swimming pool at the north end of the central corridor, offering a spectacular view of Chesapeake Bay. Civilian pleasure craft and shipping in the Bridge Tunnel Channel offer an ever-changing picture. Recreational spaces nearby contain an exercise room, sauna and jacuzzi. Other dining areas include the Coffee Shop and Horizons Lounge.

Above the public areas on the second level are six floors of guest suites, culminating on the topmost floor, highlighted by the executive board room and adjacent lounge, also available to conference participants. An added feature for the discerning guest is the concierge service provided on this level. The typical guest suite consists of a bedroom and living room/kitchenette with the dining area opening on a protected balcony overlooking the Bay.

The owners have invested wisely in quality interiors throughout, especially in the public areas of the first, second and top floor. Natural oak millwork dominates in most areas. Table settings and glassware are of high quality, colorful and appealing.

To complement the natural sand tones of the millwork the designers have chosen a variety of colors resembling the hues found in the ocean below the water's surface. Teal, violet, raspberry and blue prevail in the public areas and food and beverage outlets, over a backdrop of black lacquered furniture and large expanses of glass with the blue-green Chesapeake Bay in the distance. The ambiance infers elegance without destroying the casual atmosphere of the beach.

Viewed from the beach, the white structure appears to rise directly out of the dune line with the pool and restaurant enclosures forming a broad base. Balconies on both sides give every visitor or suite owner a view of the waterfront. The building is "Y" shaped with twin wings on the south end overlooking Shore Drive. Fenestration is kept to a minimum on this south elevation and glazing is of the reflective, insulating type.

Parking requirements and the narrow site dictated the basic design, with public areas and guest rooms located over ground floor parking. Additional parking is available on raised decks on each side of the main spine of the structure. The main lobby/registration area on the ground floor, is entered directly from the passenger discharge area at the multiple front entrance doors. A monumental polished stainless steel stair leads to the second level, the primary public area level. Located here are meeting rooms of various sizes accommodating up to 500 persons, dining, and entertainment and recreational facilities.

The structural system is a cast-in-place concrete flat plate, post tensioned in two directions. Column/slab rigid frames were utilized, to resist the



heavy lateral wind loads, in lieu of shear walls in order to save time during construction.

McDevitt and Street Company's Norfolk office was general contractor for the project.

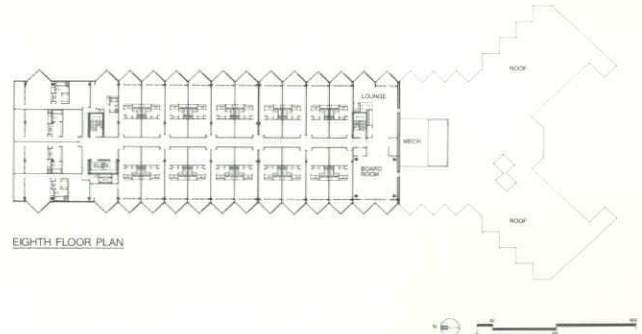
SUBCONTRACTORS & SUPPLIERS

Other Norfolk firms were: Rea Construction Co., paving & striping; Lone Star Cement, Inc. (now Tarmac-LoneStar, Inc.) concrete supplier; ATEC Associates, Inc., concrete testing; Norfolk Iron & Wire Works, Inc., structural metal & metal fabricates & window washing equipment supports; Baker Roofing Co., roofing/siding contractor; Whitlock Brothers, Inc., perimeter insulation supplier; Door Engineering Corp., special doors & chutes; Walker & Laberge Co., Inc., storefront/glass/glazing; Addington-Beaman Lumber Co., Inc., wood/plastic windows; Kitchen Towne, Div. of Towne Distributors, Inc., kitchen equipment; B.E. Sharp & Son, Inc., plumbing mechanical systems; and Commonwealth Tractor & Equipment, equipment leases.

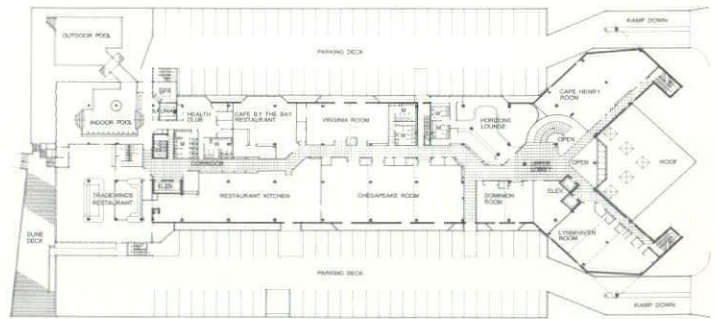
From Richmond were: The Ceco Corporation, formwork; Saunders Oil Co., Inc., expansion joint covers; Showcase Woodworking, Ltd., finish carpentry & millwork; Architectural Hardware, Inc., wood door supplier & finish hardware; Glidewell Brothers, Inc., paint/wall covering & ceiling acoustical insulation; Barranger & Co., Inc., specialties; Dover Elevator Co., dumb waiter & elevators; Automatic Sprinkler Corp. of America, fire protection; and Williams Crane & Rigging, Inc., equipment leases.

Virginia Beach firms were: Welch Pile Driving Corp., pile cut-off; J.M. Briggs, Inc., flatwork pump/place/finisher; Eastman Corp., concrete unit masonry; Tidewater Tile, Inc., marble benches & hard tile; Greenwich Supply Corp., insulation, gypsum wall system & acoustical & metal ceilings; DMA & Associates, carpeting; and McBroom Pool Products, Inc., swimming pools.

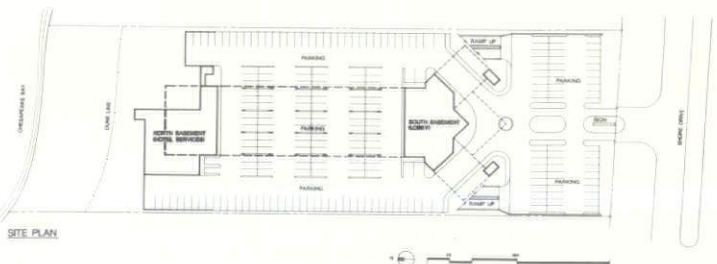
Others were: Oliver Septic Tank & Swimming Pool Co., Inc., Portsmouth, site utilities; Owen Steel Co. of North Carolina, Inc., Gastonia, NC, resteel/mesh supplier; VSL Corp., Springfield, post-tension supplier; Tidewater Re-Bar, Inc., Newport News, resteel/P.T. installer; Fabricated Metals Industries, Inc., Roanoke, metal stair supplier; International Fabricators, Tulsa, OK, lobby ornamental metals; Am Spread Metals, Boca Raton, FL, exterior railings; Interior Specialty Construction, Madisonville, LA, exterior insulation & finish system; K&P Caulking Co., Inc., Portsmouth, sealants & caulking; Virginia Metal Industries, Inc., Orange, hollow metal doors & frames; Shelving Concepts, Chesapeake, wire shelving; Steel Products, Inc., Rockville, MD, display cases; Aqua Craft c/o East Coast Distributors, Gaithersburg, MD, sauna; Aircon, Ltd., Chesapeake, HVAC mechanical system; and L.E. Ballance Electrical Service, Inc., Chesapeake, electrical systems.



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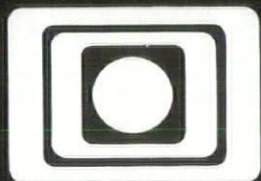
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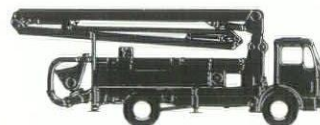
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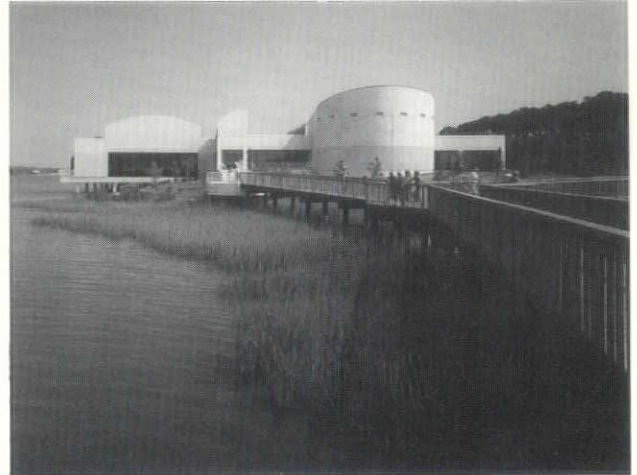
Shriver and Holland Associates—Architect

Location: Virginia Beach

Associated/Consulting Architect, E. Verner Johnson Assocs., Inc., Boston, Mass. • Landscape Architect, Shriver and Holland Assocs. • Interior Designer, Shriver and Holland Assocs./E. Verner Johnson Assocs., Inc. • Civil Engineer, Basgler Associates • Structural Engineer, Fraioli-Blum-Yesselman Assocs. • Mechanical/Electrical Engineer, Vansant and Gusler, Inc. • Lighting Consultant, William Lam Assocs., Inc. • Exhibit Consultant, J. Fred Moore • Aquarium Consultant, William E. Kelley/Sea Research Foundation, Inc. • General Contractor, SR International, Inc. • Photography, Nick Wheeler.

The Virginia Marine Science Museum celebrates the waters of Virginia, its coastal rivers, salt marsh habitats, the Chesapeake Bay, and the Ocean.

In addition to capturing the complex living drama of the marine environment, the Museum



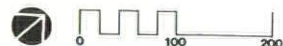
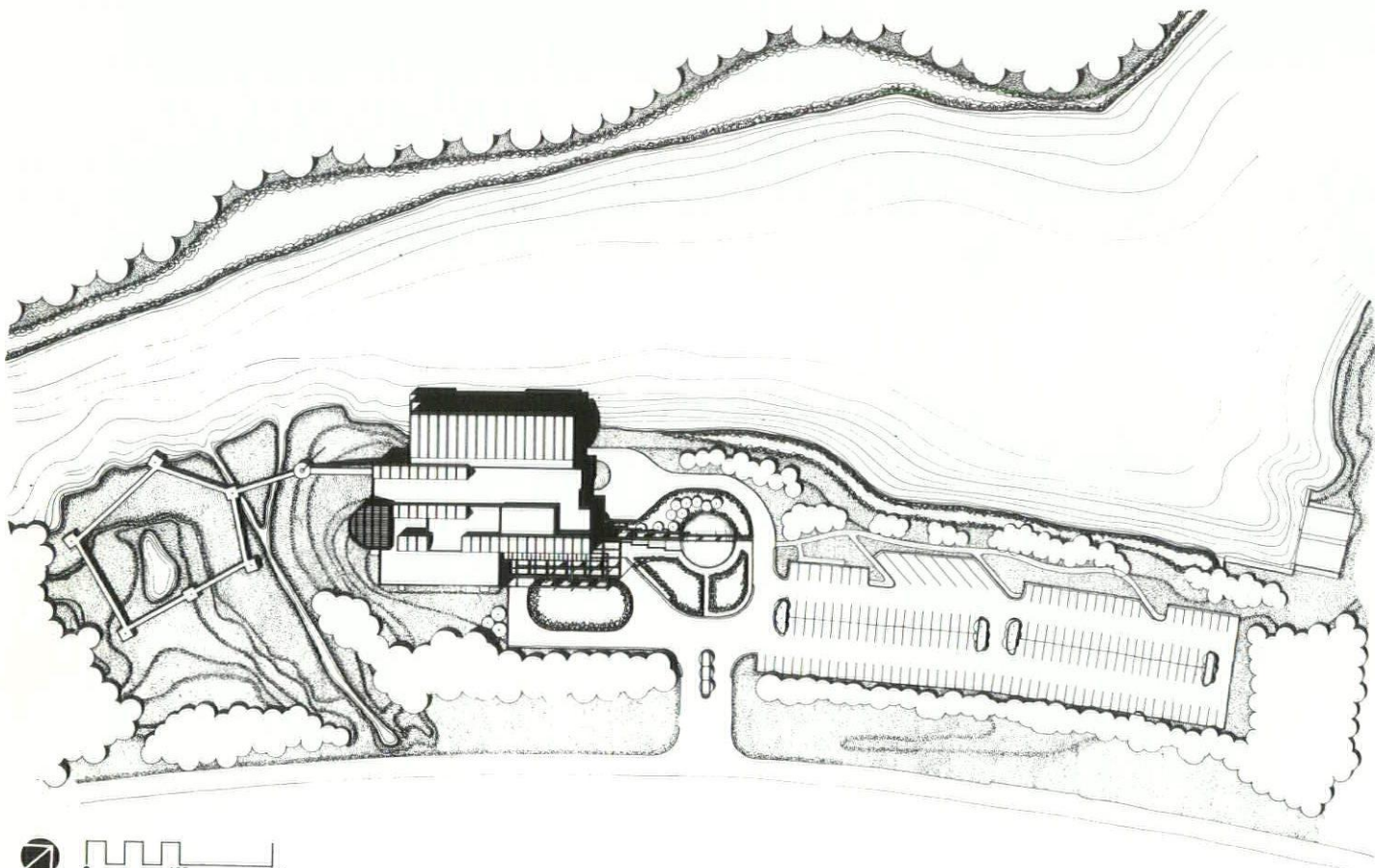


serves as a major educational resource center for school districts throughout the state, and as a conference center for citizen groups and agencies concerned with issues affecting the environment.

Initially conceived as a marine science educational resource room for the City of Virginia Beach Public School System in 1978, the concept slowly evolved into a unique combination of educational, scientific and cultural activities to be housed in a single facility which would serve the entire region. The City of Virginia Beach donated land for the project site and funded planning and site development costs of the proposed facility. Combined funding of over \$5 million from the city, the Commonwealth of Virginia, and private donations, allowed construction to begin in 1983. Final design and fabrication of the Museum exhibits valued at \$3 million proceeded concurrently with the building construction, under funding from private donations through the Museum Foundation.

The 41,500 square foot facility is located on a 20-acre site along the waterfront of Owl's Creek, south of the Virginia Beach resort area. The project site is situated within an intertidal zone of marshes and coastal woodlands, 500 yards from the Atlantic Ocean. In addition to the six acres set aside for natural habitats at the site, several adjacent properties along Owl's Creek have been restricted from future development, insuring that this unique habitat will remain unspoiled for the enjoyment of future generations.

The building is a carefully organized composition of forms which correspond to the specific functions they enclose. Segments of cylindrical



forms are utilized where significant exhibit and circulation spaces occur. The steel frame structure is founded on precast concrete piles and is clad in precast concrete and pre-finished steel roofing panels. Other portions of the structure are constructed of cast-in-place concrete, which is formed and finished to match the precast elements.

The facility houses over 60 "hands-on" exhibits and 100,000 gallons of aquarium tanks and live marine exhibits. The 50,000 gallon main aquarium which utilizes a unique system of plexiglass and silicone compression glazing, is the largest of its type ever constructed.

The Journey of Water, which serves as the Museum's theme, is expressed through the cascading waters of the entranceway fountain which greets visitors as they approach the public entrance. This element provides a symbolic link between the building and its site, establishing the linear axis of the entry approach/queuing area, and providing a relaxing form of natural air conditioning for waiting visitors during the peak summer season.

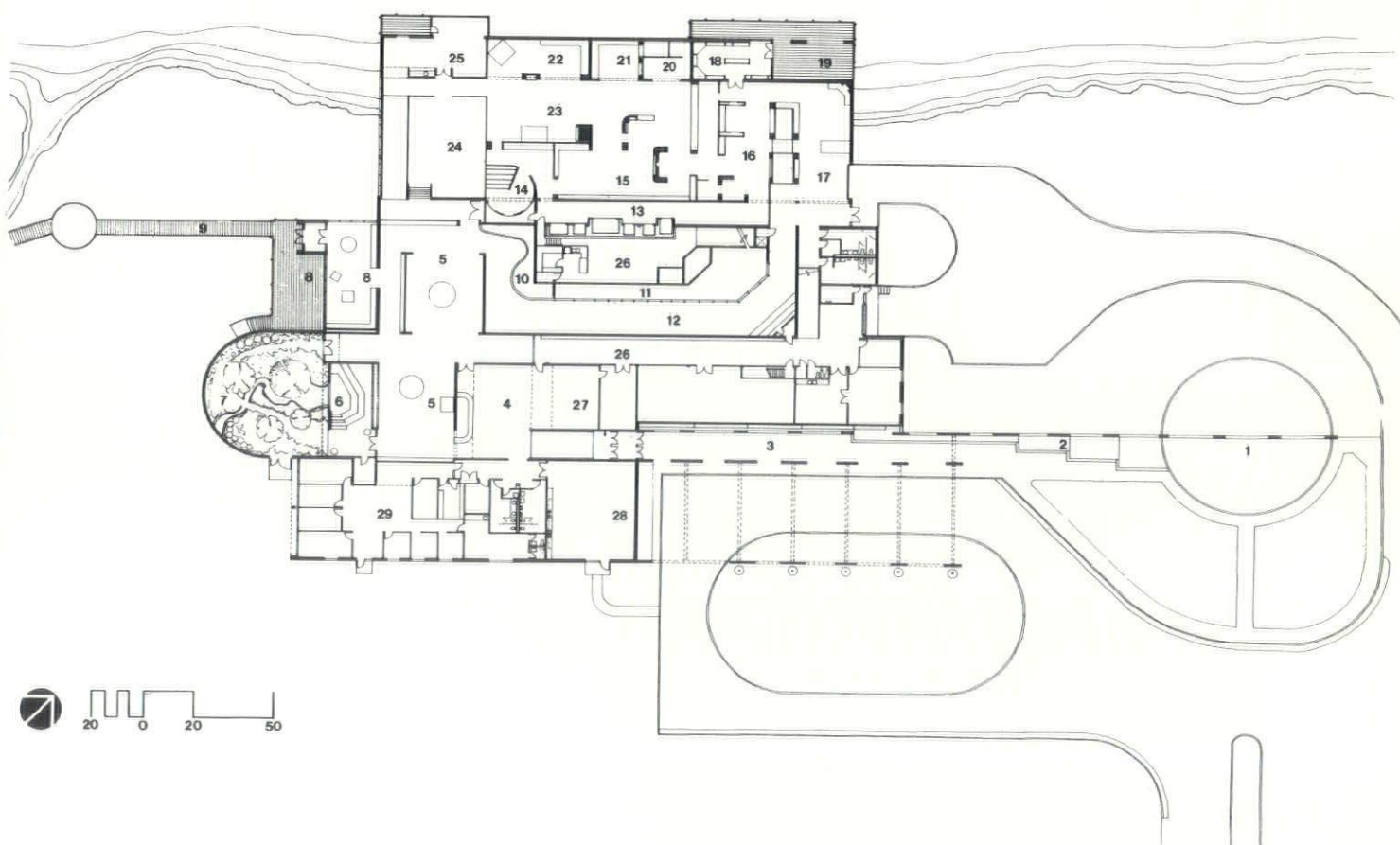
The reception foyer provides a multi-media introduction to the beauty and diversity of Virginia's Coastal Environs. The adjoining introduction and orientation area offers the visitor his initial choices for the self-directed tour. This area provides glimpses of adjacent exhibit areas and, through a transparent wildlife diorama exhibit, to the skylighted coastal plains freshwater habitat. This habitat recreates the environs of a coastal woodland stream and allows

underwater viewing of freshwater fishes as well as exhibits of native woodland birds, mammals, and reptiles, within an environment of indigenous trees and shrubs.

The wetlands habitat exhibit area overlooks the adjacent salt marsh to the south, and is physically linked to this natural habitat by an interpretative nature walkway through the marsh and woodland setting. A man-made freshwater pond created in the wooded areas has now been inhabited by numerous creatures from the immediate environs. Substantial effort was given during construction to maintaining and re-establishing the salt marsh wetlands on the project site. The wetlands habitat exhibit itself, provides the first contact with some of many exhibits which were specially conceived to encourage entertaining "hands-on" visitor participation, and educational insight for a variety of age groups and special interests.

The Chesapeake Bay Habitat is among the most fascinating of the exhibits for Museum Visitors. This habitat begins with a touch tank that simulates the Chesapeake Bay shoreline, including the gentle wave action of the water. Visitors are encouraged to pick up and examine a variety of shoreline creatures such as starfish and horseshoe crabs. Proceeding to the darkened viewing corridor, the visitor is drawn to the illumination from the Chesapeake Bay Aquarium, which is inhabited by a variety of marine animals which occupy zones of the tank most closely approximating their native habitat. As the corridor slopes down, the aquarium becomes progressively deeper, culminating in a large tank which

- 1 Reflecting Pool
- 2 Water Feature
- 3 Entry Way
- 4 Reception
- 5 Intro/Orientation
- 6 Underwater Viewing
- 7 Coastal Woodlands Habitat
- 8 Salt Marsh Exhibits
- 9 Marsh Habitat Walkway
- 10 Shoreline Touch Tank
- 11 Chesapeake Bay Aquarium
- 12 Aquarium Viewing
- 13 Ecological Processes Aquariums
- 14 Deep Sea Dive
- 15 Sand Exhibits
- 16 Waves and Erosion
- 17 Water and Pollution
- 18 Weather
- 19 Observation Deck
- 20 Demonstration Stage
- 21 Indian Artifacts
- 22 Decoys
- 23 Sport Fishing/Shellfish
- 24 Temporary Exhibits
- 25 Lounge
- 26 Service Area
- 27 Gift Shop
- 28 Classroom
- 29 Administration





The main exhibit hall, under a roof supported by articulated clear span bow-string trusses, houses exhibits related to shoreline erosion, wave action, microbial life, marine weather, cultural and historical aspects of coastal Virginia, and the physical properties of seawater and sand. The numerous interactive and audio-visual exhibits are housed in whimsical structures which are reminiscent of sand castle images.

Other areas of the Museum provide spaces for a varied program of special presentations and demonstrations, temporary exhibits, conferences, and science education.

The completed project was opened to the public in June 1986 with current projections of the first year's annual attendance exceeding 350,000 persons. The facility also provided specialized instruction for 28,000 Virginia public school students. The Virginia Marine Science Museum has been selected as the site of the inaugural meeting of the newly formed Chesapeake Bay Foundation, at which time Virginia Governor Gerald L. Baliles will be inducted as Chairman of this innovative collaboration between Virginia, Maryland, and Pennsylvania to protect the ecology of the greater Chesapeake Bay and its tributaries.

SR International, Inc. of Virginia Beach was general contractor and handled excavating, foundations, concrete work and steel erection.

SUBCONTRACTORS & SUPPLIERS

Other Virginia Beach firms were: Ford Pile Foundations, Inc., piling; City of Virginia Beach Landscape Services, landscaping contractor; APAC Virginia, Inc., paving contractor; Sadler Materials Corp., concrete supplier; H.B. Carawan Co., carpentry; Woodworks, Inc., millwork; and Seaboard Building Supply Co., wood doors & hardware supplier.

From Norfolk were: Winn Nursery, Inc., landscaping materials; Hall-Hodges Co., Inc., reinforcing; Lone Star Industries, Inc. (now Tarmac-LoneStar, Inc.), prestressed concrete & masonry manufacturer; Eastern Roofing Corp., built-up roof; Ace Sheet Metal Works, sheet metal; Door Engineering Corp., metal doors & frames; Whitlock Brothers, Inc., waterproofing; Walker & Laberge Co., Inc., glazing contractor, windows, window wall & storefront; Grover L. White, Inc., ceramic tile; Pittman Mechanical Contractors, Inc., plumbing/heating/ventilating/air conditioning contractor; Honeywell, Inc., HVAC controls; and Dorey Electric Co., electrical contractor.

Chesapeake firms were: Greenbrier Farms Landscaping, Inc., landscaping materials; C. Roy Pursley Co., Inc., metal roofing; and Tidewater Fire Protection Co., Inc., sprinkler contractor.

Others were: Farragut Masonry Corp., Portsmouth, masonry contractor; M&G Architectural Products, Ashland, precast concrete; Creative Iron, Inc., Ashland, steel supplier, steel joists, & miscellaneous metal; HIVA of Richmond, Inc., Ashland, wall insulation, plaster contractor, gypsum board contractor & resilient tile; K&P Caulking Co., Inc., Portsmouth, caulking; and Glidewell Bros., Inc., Richmond, painting contractor.

Van Displays, Inc., Design & Production, Inc. of Alexandria, and Engineering Dynamics, Inc., handled exhibits.

houses hundreds of fish, including examples of Virginia's most highly prized sport fish.

The adjacent ecological processes aquarium exhibit hall illustrates the variety of marine creatures and their adaptability to their habitat, predation, and procreation. The animals housed in these aquarium exhibits are particularly good examples of schooling behavior, defensive and

mating coloration, predators, poisonous fish, and other special adaptations.

At the end of this hallway is a circular room, in which groups of visitors are transported on a simulated deep sea dive to the ocean floor, in a replica of a bathysphere. This special effects journey is accomplished via a computerized audio/video and lighting system.

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Holiday Inn Conference Center

Thomas A. Hanson & Associates, Inc.—Architect

Owner: Midlothian Hotel Associates • Location: Chesterfield County

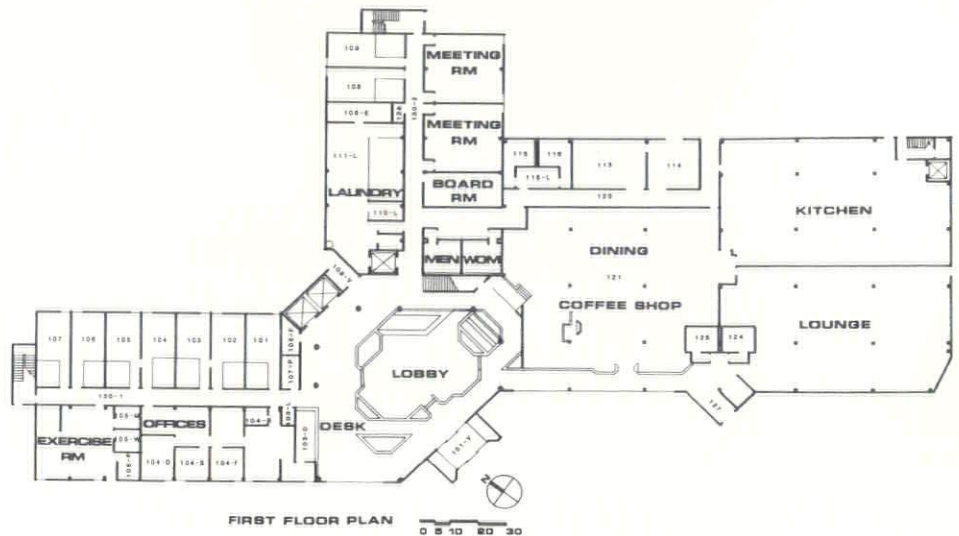
Project Architect, Henry Tenser, AIA • Interior Designer, Thomas W. Hamilton & Associates • Scheduling, The Project Management Group, Inc. • Site Engineer/Surveyor, J.K. Timmons & Associates • Structural Engineer, Thomas A. Hanson & Associates, Inc. • Mechanical/Electrical Engineer, Design/Build • Geotechnical Engineer, Schnabel Engineering Associates • General Contractor, McDevitt & Street Company • Photography, Don Eiler.

This eight-story hotel and conference center is the first building, completed July 1986, at Koger Center South, Koger Properties' second office park in this area located north of Midlothian Turnpike just beyond Robious Road. The building contains 202 guest rooms, including two top floor suites, in two residential wings connected by an elevator-mechanical/electrical core. The elevator lobbies are open to the five-story atrium which contains the main entrance lobby, registration desk and cocktail lounge. A third, two-story commercial wing contains a 6,400

S.F. ballroom, back-of-house functions, restaurant, cocktail lounge, coffee shop, kitchen and public restrooms.

Nick Esposito, a partner in Midlothian Hotel Associates, worked very closely with the architect and contractor to achieve a "fast-track," nine month substantial completion within a conservative budget. Chesterfield County cooperated by issuing a partial building permit for foundation work before drawings were finalized.





Two types of structural systems are used, conventional steel frame for the two-story commercial wing and precast/prestressed concrete panels for the residential wings. Mac Taylor, P.E., Director of Concrete Panel Systems of Virginia, Inc., took a personal interest in manufacturing and erecting the 6 1/4" wall panels and 4" floor panels. A "wall beam" was developed which carries the 8' wide floor panels, which bear on steel angles cast into the bottom of the "wall beam," allowing large uninterrupted floor areas below without the use of steel beams.

All interior finishes are applied directly to the concrete panels: Vinyl wall covering, spray textured ceiling coating, and carpet with pad. The exterior finish is by Dryvit Systems, Inc. using 2" wall insulation, also applied directly to the concrete panels, with the standard exterior finish.

The atrium glazing is a sloped system consisting of dark bronze duralumin framing and 1 1/4" bronze insulated reflecting glass (shading coefficient 0.18).

McDevitt & Street Co. of Richmond was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)

C.F. Richmond, Inc., Crozier, sitework; Concrete Panel Systems of Virginia, Inc., Ashland, precast; Lone Star Cement, Inc. (now Tarmac/Lone Star, Inc.), concrete; Capital Masonry Corp., masonry; Steelfab, Inc., Charlotte, NC, structural & miscellaneous steel; Southern Detailing, North Charleston, SC, structural detailing; Dean's Steel Erection, Inc., Harrisonburg, steel erection; American Door & Glass, Inc., special glass, glazing, all windows & storefront; Gesmar Corp., vanities & miscellaneous tops; Virginia Metal Industries, Inc., Orange, hollow metal doors & frames; Architectural Hardware, Inc., wood doors & hardware; T.R. Davis, Inc., roofing; and M R Interiors, Inc., gypsum wallboard.

Also, G.H. Coating, Ocean City, MD, Dryvit; M.P. Barden & Sons, Inc., painting, vinyl & textured ceilings; Roanoke Engineering Sales Co., Inc., toilet accessories & partitions; Dover Elevator Co., elevator; Colonial Mechanical Corp., mechanical & electrical; and Wes-Way Sprinkler Co., Mechanicsville, sprinkler.

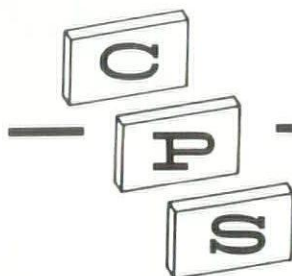


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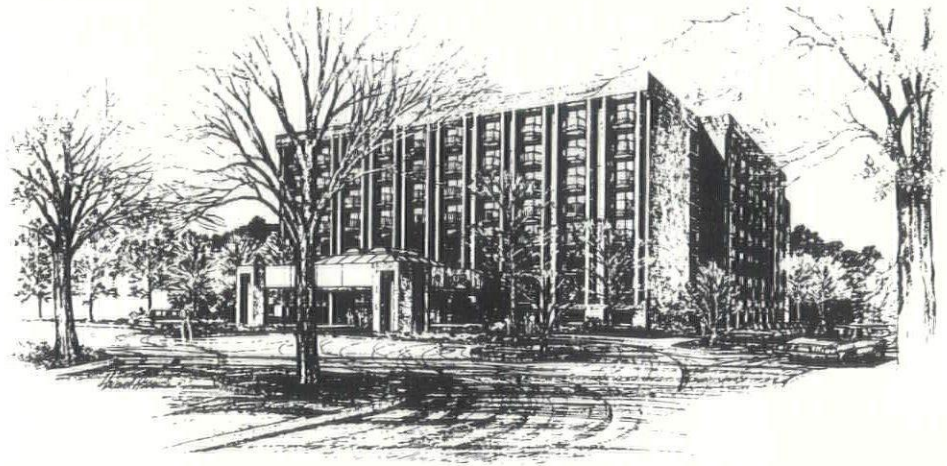
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Embassy Suites Hotel

Marcellus Wright, Cox and Smith, Architects

Owner: Richmond Center Associates Limited Partnership • **Developer:** Middex Hospitality, New York, NY • **Location:** Richmond

Project Architect/Designer, Edward A. Smith III/Alan Bolt • **Landscape Architect,** Higgins Associates, William H. Spell • **Interior Designer,** David & Associates Ltd., David F. Matthews • **Cost Consultant,** Arthur F. Sisco • **Site Engineer/Surveyor,** Foster and Miller, P.C. • **Structural/Mechanical/Electrical Engineer,** Harris Norman & Giles — Joseph Norman, Structural; Allen Lambert PE, Mechanical; John Tsou, Electrical • **Geotechnical Engineer,** Schnabel Engineering Associates • **General Contractor,** McCormick Construction Co., Inc. • **Photography,** Masaaki Okada ("News Leader" Staff).



The Embassy Suites Hotel is the first full service luxury suite hotel developed from scratch in the Richmond area. It opened December 22, 1986.

The hotel is located at 2925 Emerywood Parkway, off West Broad; close to Glenside Drive, Interstate 64, and adjacent to the Commerce Center Office Park in Richmond. The location was no accident as the hotel aims for an upscale market segment of 70% corporate and 30% leisure. The site was a relatively flat sloping grade, and a buffer of trees between the interstate, Glenside Drive and the hotel parking lot was retained.

The initial program for the site offered the challenge to design a new proto-typical architectural theme for the Mid-Atlantic region. Previous to opening in this area, Granada Royale Homotels were constructed in the Southwest United States. The architectural style of the franchise could be described as "Pseudo Spanish, Tex-Mex" detailing, similar to the style adopted in restaurants and shopping centers in some of the current strip-development phenomena occurring nationally.

It was the intent of the architectural design to be indigenous of this region by using native materials and exterior finishes. Recommendations were made for an interior theme that made abstract references to the Richmond Art Deco Movement. The ground level of the atrium was almost treated as a separate element. The building was designed from the inside out, with the exterior in keeping with the other buildings in the Commerce Center.

The hotel boasts 226 suites, eight of which were designed for the handicapped and located on the first floor. The average suite is the size of a king size room plus 225 square feet to create a living room, workroom, bedroom complex. The rooms



were designed for entertaining and business meetings. In addition there are eight conference rooms in the hotel with seating capacities from 8-16 people.

The suites were constructed around a 10,000 square foot landscaped interior atrium that is serviced by four observation elevators. The atrium features a water fountain, stream, and a 114 seat patio style dining area. The dining area has a breakfast bar where guests may have their breakfast cooked to order. An extremely

energy-efficient heating and cooling system and complex construction administration were required in the atrium.

Other hotel amenities include: banquet area; a 500 seat ballroom; pool; sauna; health and fitness center; whirlpool; spa; and exterior balconies. There is a full service restaurant which seats an additional 138 people.

The construction costs and fees for this building were approximately \$12 million.

McCormick Construction Co., Inc. of Hunt Valley, Maryland was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

F.G. Pruitt, Inc., Richmond, excavating & paving contractor; Botts Landscape Service, Jarrettsville, MD, landscaping contractor; Cleveland Cement Corp., Richmond, foundations, concrete contractor & reinforcing; Massey Concrete Corp., Richmond, concrete supplier; Southern Brick Contractors, Inc., Richmond, masonry contractor & foundation insulation; Carolina Ceramics, masonry manufacturer; Riverton Corp., Riverton, Flamingo mortar; Luck Stone Corp., Manakin, stonework supplier; Custom Steel Fabricators, Jessup, MD, steel supplier/roof deck, miscellaneous metal & handrails; Coastal Steel Co., Baltimore, MD, steel supplier; and John W. Hancock, Jr., Inc., Salem, steel joists.

Also, Nicholas J. Bouras, Inc., Allentown, PA, steel roof deck; Martin Fireproofing Corp., Buffalo, NY, other roof deck; Creative Iron, Inc., Ashland, miscellaneous metal; Raintree Industries, Inc., Ellersidge, MD, built-up roof, insulation & sheet metal; Norhall Enterprises, Inc., Richmond, other roofing; Johns-Manville, Denver, CO, wall insulation; A. Bertozzi, Inc., Richmond, wall insulation, plaster contractor, gypsum board contractor & acoustical treatment; Armstrong, acoustical tile & resilient tile; Dow Chemical, U.S.A., Richmond, foundation insulation; Monumental Supply Co., Baltimore, MD, handrails; Woodworking Specialist Co., Inc., Richmond, millwork & cabinets; and Richmond Primoid, Inc., Richmond, waterproofing.

And, W.R. Grace & Co., Fredericksburg, waterproofing; E.S. Chappell & Son, Inc., Mechanicsville, caulking; Hordis Brothers, Inc., Rock Hill, SC, glass; Jacobson Building Products, Inc., Rochester, NY, metal doors & frames, wood doors & hardware supplier; Howard Industries, Inc., Miami, FL, windows; Armalite, Atlanta, GA, window wall; David Allen Co., Inc., Raleigh, NC, Morris Tile Distributors, Inc., Richmond, Dal Tile Corp., Alexandria, McCullough Ceramics Corp., Richmond & Mosque Tile Co., ceramic tile; B&B Commercial Interiors, Timonium, MD, carpet; Seamco Laboratories, Tampa, FL, special flooring; R.A. Grady Concrete Restoration Co., Inc., Richmond, special flooring; Charles Shaid of Delaware, Inc., Chester, PA, painting contractor & wall covering; PPG Industries, Inc., Richmond, paint supplier; PPG Industries, Inc., Pittsburgh, PA, paint manufacturer; J.S. Archer Co., Inc., and Fire Prevention Systems, Richmond, specialties; Section 10, Inc., Norcross, GA, specialties; Trashmasters, Inc., Forestville, MD, equipment; National Pools of Roanoke, Inc., Roanoke, swimming pools; Westinghouse Elevator Co., Richmond, elevator; Peaco Mechanical Corp., Ashland, sprinkler contractor; Catlett-Johnson Corp., Richmond, plumbing/heating/ventilating/air conditioning contractor; and Colonial Mechanical Corp., Richmond, electrical contractor.





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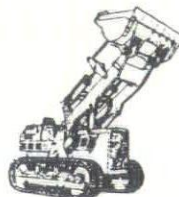
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Conference Facilities Addition to The Tides Inn

M. Jack Rinehart, Jr., FAIA—Architect

Owner: The Tides Inn • Location: Irvington

Landscape Architect, The Architect • Interior Designer, The H. Chambers Company • Structural Engineer, David Morris, PE • Mechanical/Electrical Engineer, Paul A. Sweet, AIA, PE • General Contractor, Pollard Properties, Inc. • Photography, The Architect.

In order to accommodate more gracefully his convention guests, Mr. Robert L. Stephens, owner of The Tides Inn, decided to enlarge the former Morning Room. As this room was located at the pinnacle of the best views and vistas of this resort on Carters Creek, just off the Rappa-

hannock River, a glass-enclosed conference room was provided, instead of the usual four-walled conference room. Besides the lovely coves of Carters Creek, this addition overlooks the swimming pool, the docks, and the new garden designed and begun just after this addition was completed. Above the glass meeting room, Mr. Stephens wanted a suite of rooms (now called The Lee Suite) for the Governor or corporate C.E.O.s to stay and conduct their executive meetings and gatherings.

This addition was completed in the two and a half months The Inn was closed between seasons in 1985. It was designed to relate to the design of the original inn which was a contemporary design in the early 1950s. Throughout the development of this addition the emphasis was to take advantage of its beautiful site and let it unpretentiously serve its guests at this unique resort.

Pollard Properties, Inc., Kilmarnock was general contractor and handled foundations, wood roof deck, wall insulation, millwork, waterproofing, and caulking.

The owner handled landscaping materials, landscaping, paving, carpet, and special wall finish (paper).

SUBCONTRACTORS & SUPPLIERS

Theodore Fisher & Sons, Inc., Weems, excavating; Atlantic Metal Products, Inc., Saluda, reinforcing, steel supplier/erection & handrails; Reeves Ready-Mix Concrete, White Stone, concrete supplier; Franklin W. Fisher, Kilmarnock, masonry contractor; and Southern Brick & Supply Co., Inc., Richmond, masonry supplier.

Also, Rappahannock Roofing Co., Inc., Fredericksburg, roofing; Rob Gordon-Framing, Kilmarnock, carpentry; Lamberth Building Materials of White Stone, Inc., White Stone, structural wood, wood doors, & paint supplier; Jim's Custom Cabinets, Kilmarnock, cabinets; Richmond Glass Shop, Inc., glass, glazing contractor, metal doors & frames & storefront; Marvin Windows, Warroad, MN, windows; and Pleasants Hardware, Richmond, hardware supplier.

And, E. W. Beasley, Jr., Farnham, gypsum board contractor; General Tile & Marble Co., Inc., Richmond, marble; Linwood Smith, Ottoman, painting contractor; Benjamin Moore Paints, Chester, paint manufacturer; Nicholson Sprinkler Corp. of Richmond, sprinkler contractor; Noland Co., Richmond, plumbing fixture supplier; Paul T. Williams, Lancaster, plumbing contractor; and George Noblett, Inc., Kilmarnock, heating/ventilating/air conditioning contractor.



Renovation of the Martha Washington Inn

Don A. Swofford, Architect and Paul A. Sweet, AIA, NSPE, Architect/Engineer

Owner: Abingdon Inns Corp. • **Location:** Abingdon

Project Architect/Designer, Don A. Swofford & Paul A. Sweet • **Interior Designer,** Thomas White - Hilton Head Interiors • **Landscape Architect and Site Engineer,** Robert B. McKee & Associates • **Structural Engineer,** Conrad Catron, FASCE • **Mechanical/Electrical Engineer,** Paul A. Sweet • **General Contractor,** Burwil Construction Co., Inc. • **Photography,** Taylor Lewis and the Architects.

The original portion of the structure that now comprises the Martha Washington Inn was constructed in 1832 as a residence for General Francis Preston and his wife Sarah Buchanan Preston. In 1858, the Holston Conference of the United Methodist Church purchased the Preston home. The property opened for its first session as the Martha Washington College in 1860. Despite a few interruptions and precarious financing, the college was able to operate during the Civil War. More than once, the so-called "Martha girls" were called upon to nurse the wounded. Around 1910, there was a major expansion. The Mariah Cooper dormitory (now the Garden Wing) was built, and a third story was added to both the mansion and the chapel (now the ballroom). In 1919, Martha Washington College was consolidated with nearby Emory and Henry College, and a few years later became a junior college. Martha Washington College closed in 1932, and the buildings stood idle until 1935 when George Barnhill leased the property from the college and reopened it as the Martha Washington Inn. The Inn has operated as a hotel since that time under various ownerships.

When United Coal Company purchased the Martha Washington Inn in 1984, "The Martha," as it was affectionately known, was in desperate need of a major overhaul. The roof leaked, the antiquated one-pipe steam heating system heated unevenly, bathrooms had 4-foot long tubs

and 6-foot high doors, pipes leaked and water pressure was low. Formerly grand spaces had been cut into awkward small rooms, there were four narrow steel fire escapes tacked on the outside, and there were indications of structural problems whose magnitude didn't become fully evident until walls and ceilings were removed. Aside from enlarging the Kitchen and installing a sprinkler system around 1950, and creating the Pub in the basement in the late 1970s, little work other than painting and cosmetic repairs had been done to the building since it was converted into a hotel.

Don A. Swofford was responsible for all historical aspects of the project, which has been certified as conforming to The Secretary of the Interior's Standards for Historic Preservation Projects, design of major public spaces, and the larger rooms and suites. Paul A. Sweet was responsible for engineering, code compliance and handicap access, and design of several smaller guest rooms.

Demolition work was started in the Garden and Presidents wings in November 1984, after the Barter Theater finished its season. These two wings, with 45 of the 65 guest rooms, were rebuilt and occupied by May 1985. It was decided to complete the entire rehabilitation by the end of October 1985, and work was started on the rest of the building in February 1985. During the





year that work was going on, the hotel remained open to the public.

One of the most impressive spaces in the building is the Presidents Club. Originally a gymnasium, and later a science laboratory, the room had been cut up into several storage rooms and a maintenance shop, and the floor was collapsing when work was started. Structural repairs were made, old partitions were removed to reopen the room, and a new bar was built in the center of the room.

New fire stairs, two enclosed and two covered, were built to replace the steel fire escapes. In the Williamsburg Wing, which is the central wing connecting the other four wings, an elevator was installed and several short flights of stairs were replaced by ramps for handicap access. All new plumbing, heating, electrical, and fire alarm systems were installed, and the existing sprinkler system was reworked. A new metal roof, which matched the green color found in a peeling paint chip, was installed.

In the original Mansion several new suites were created, and partitions were removed to restore rooms to their original size. Damaged or destroyed plaster cornices were recreated in wood. The Pub was remodeled and sound insulation installed to reduce noise levels above. Steel framing was added to shore up framing which had been cut up in past alterations.

While reconstruction was in progress, antique furniture was being repaired and refinished under the direction of Thomas White, of Hilton Head Interiors. Rooms and suites are furnished with these antiques and with reproductions. Walls of the lobby are covered with a reproduction French scenic woodblock printed wallpaper. Handpainted silk wallpaper from China was ordered for the Epicurean Dining Room. Wainscots in the lobby and dining room were given a woodgrain finish, and wainscots and columns in the ballroom were given a marbled finish by a local artist.

The Martha Washington Inn was reopened November 16, 1985, with a benefit for the Scott Newman Foundation, attended by Paul Newman, former Governor and Mrs. Robb, and Governor and Mrs. Baliles.

Burwil Construction Co., Inc., of Bristol, Tennessee was general contractor and handled carpentry.

SUBCONTRACTORS & SUPPLIERS

E. Luke Green Co., Elizabethton, TN, demolition & masonry contractor; Carr Brothers Construction, Blountville, TN, excavating; Barb & Shu-



maker, Inc., Bristol, VA, paving contractor; Enco Materials, Johnson City, TN, reinforcing; Transit-Mix Concrete Co., Bristol, VA and Bristol Ready-Mix, Inc., Bristol, VA, concrete suppliers; General Shale, Johnson City, TN, masonry manufacturer; Virginia Masonry Distributors, Montvale, masonry supplier; Bristol Builders' Supply Co., Inc., Bristol, VA, mortar; East Tennessee Tile & Marble, Inc., Johnson City, TN and Luck Stone Corp., Charlottesville, stonework suppliers; Kinkead Machine Co., Inc., Bristol, TN and Henard Metal Fabricators, Inc., Kingsport, TN, steel suppliers; Neal Story & Son, Inc., Johnson City, TN, roofing; 31-W Insulation Co., Piney Flats, TN, wall insulation; Watauga Valley Steel, Bristol, TN, metal handrails; and Ship 'N Out, Pawling, NY, brass handrails.



Also, Boone Lumber Co., Boone, NC, structural wood; Nolen Products, Inc., Knoxville, TN, C.I.S., Inc., Louisville, KY, and Cress Woodworking, Abingdon, millwork; Somerset Door & Column Co., Somerset, PA, wood columns; Focal Point, Inc., Atlanta, GA, mouldings; Holston Glass Co., Inc., Kingsport, TN, and Meadows Glass Co., Bristol, VA, glass; Universal Bronze & Steel Door, Brooklyn, NY, and Trimble Co., Inc., Johnson City, TN, metal doors & frames; Huttig Sash & Door Co., Knoxville, TN, wood doors; Thermo-Press Corp., Richmond, storm windows; Virginia Metalcrafters, Waynesboro, and Skyline Paint & Hardware, Inc., Roanoke, hardware suppliers; Crawford Drywall, Elizabethton, TN, Ernie's Drywall, Bluff City, TN, and C.K. Supply, Johnson City, TN, gypsum board contractors; Abingdon Tile & Carpet Co., Inc., Abingdon, ceramic tile; Dockery's, Inc., Johnson City, TN, acoustical treatment; Williams Vinyl & Carpet, Abingdon, resilient tile & carpet; and Edmond's Brothers Supply Co., Bristol, TN, and Conrad Booher & Son, Bristol, VA, wood flooring.



Others were: Pippin Painting & Decorating, Bristol, VA, painting contractor & wall covering; Linda Sikorsky, Bristol, special wall finish — wood grain & marbleizing; Construction Services Co., Knoxville, TN, specialties; Restaurant Specialties, Charlottesville, food service equipment; Montgomery Elevator Co., Kingsport, TN, elevator; Bristol Contractors, Inc., Bristol, TN, sprinkler contractor; Modern Supply, Johnson City, TN, plumbing fixture supplier; Nor-Well Co., Elizabethton, TN, plumbing/heating/ventilating/air conditioning contractor; Hutton Electric Co., Inc., Bristol, TN, electrical contractor; Ferguson Equipment Co., Knoxville, TN and James M. Pleasants Co., Greensboro, NC, mechanical equipment; Morgan Francis, Stratford, CT, flag poles; American Fire Control, Inc., Bristol, VA, fire extinguishers; and Holston Mountain Canvas & Awning Co., Inc., Bristol, TN, awnings.

Expansion & Modernization of Best Western Northampton Inn

CMSS Architects

Owner: Northampton Associates • Location: Virginia Beach

Project Architect, Jay Basilio • Landscape Architect, John J. Corica • Interior Designer, CMSS Architects • Site Engineer/Surveyor, G.F. Sutton & Associates • Structural Engineer, Stroud-Pence & Associates • Mechanical/Electrical Engineer, Farley Engineering • Geotechnical Engineer, NFS Services, Inc. • General Contractor, Overton & Dixon • Photography, John Wadsworth

Outdated facilities, lack of any design appeal and poor construction put the existing complex of two motel buildings and motel office/restaurant building at a disadvantage in an increasingly competitive hospitality market. The owners, realizing this situation, wanted to project a new image and build additional facilities to attract the business traveler as well as tourists.

The site is in an area of industrial and commercial buildings. The planning of the new facilities was intended to be oriented inward to the heavily landscaped interior courtyard and an existing swimming pool. Also, the design of the buildings had to allow phasing of construction so that the operation of the motel would continue uninterrupted.

In response to the owner's program, 60 guest rooms and amenities were added, and existing facilities totally renovated. The expanded motel lobby, dining area and lounge designs were conceived to express a comfortable lodge environment overlooking a landscaped poolside courtyard.

To achieve the external image, a visual theme was created to unite the four buildings which enclose this courtyard. The commanding shapes of the structures, combined with grey horizontal siding and square rose-colored blocks, provide interest. The visual lines, generated by the pattern of the exterior materials, coordinate the buildings so that they work well individually, as well as together as a whole.

Interior surfaces and colors continue the appeal. The completed complex is designed for minimum maintenance and maximum satisfaction within the proposed budget.

Two existing motel buildings, each two stories, with 100 units and a total of 39,000 square feet were renovated. Additional storage and vending areas were added for a total square footage of 41,000 square feet.

The existing buildings had the entire exterior wall removed, damaged joists replaced, walkways and stairs removed. The new structure for the walkways doubled as the support for the

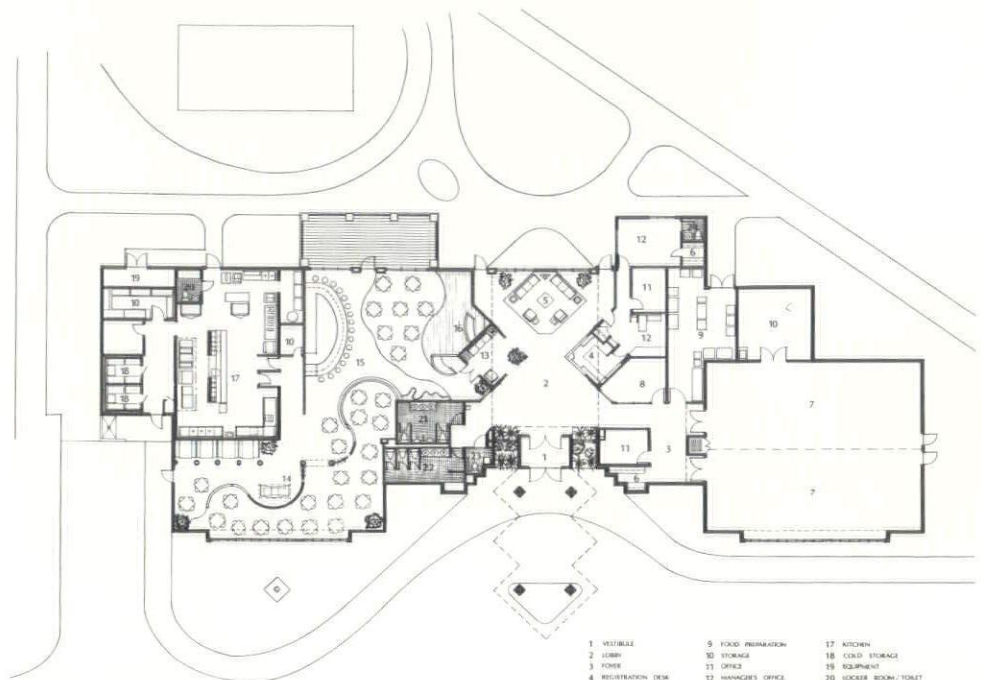
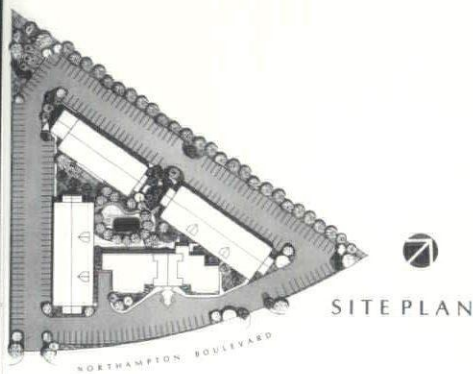
roof trusses which completely bridged the existing building. The design of the piers, railings and overhangs were intended to provide a strong rhythm to the long motel buildings. Colors were chosen to give warmth and appeal to the buildings.

Design of the building ends used the stairs and stairwalls in conjunction with storage and vending areas to provide a strong image to catch the traveler's eye on busy Northampton Boulevard.

A new two-story motel building was built, containing 60 motel rooms, laundry, health spa, and meeting rooms, with a total square footage of 26,000 square feet. The design concepts for this new building were essentially the same as for the existing buildings. Differences included more width in the motel rooms, with additional amenities. An additional 60 parking places were added.

The existing motel office and restaurant, consisting of 4700 square feet, were totally renovated and expanded. The lobby, kitchen, restau-





rant and offices are expanded and new banquet facilities are added. Total finished square footage is 12,300 square feet.

The design concept for the motel office/restaurant building was to provide the dominant building form for the complex and provide an inviting image to travelers. The lobby is a two-story space with a cathedral ceiling. The glass end walls of the lobby spill light out at night to provide a striking silhouette of the roof.

The front elevation of the building is symmetrical, indicative of more traditional building forms.

The existing swimming pool was kept, with a new free-form concrete pool deck added as the focal point of the courtyard. The entire courtyard includes extensive landscaping, walkways and patios. In keeping with the focus on the courtyard, the restaurant and lounge have a covered patio adjacent to the pool area.

Overton & Dixon of Virginia Beach acted as general contractor for the project, and handled excavating.

SUBCONTRACTORS & SUPPLIERS

(Norfolk firms unless noted)

Brooks Landscaping, Virginia Beach, landscaping contractor; Buddy Roger & Sons, founda-

RESTAURANT / MOTEL OFFICE





tions & masonry contractor; Bristow & Forbes, concrete contractor; Hall-Hodges Co., Inc., reinforcing; Lone Star Industries, Inc. (now Tarmac-LoneStar, Inc.) and Capital Concrete, Inc., concrete suppliers; Adams Concrete Products Co. of Durham, Inc., Durham, NC, masonry manufacturer; Lone Star Industries, Inc. (now Tarmac-LoneStar, Inc.) and Batchelder & Collins, Inc., masonry suppliers & mortar; C&C Iron Co. (now London Bridge Welding), Virginia Beach, steel supplier/erection/joists/roof deck; W.E. Brown, Virginia Beach, built-up roof & roof insulation; and Jerry Stephens, other roofing.

Also, James & Donald Brickhouse, carpentry; Shoffner Industries of Va., Inc., structural wood; Campostella Builders & Supply Corp., millwork & cabinets; Mark Holloway, cabinets; Connolly Glass, Inc., glazing contractor & storefront; Door Engineering Corp., metal doors & frames; Seaboard Paint & Supply Co., Inc., Newport News, hardware supplier & specialties; Safflok Co., Inc., hardware supplier; Virginia Applicators, plaster contractor (sto); Smith Drywall Co., Virginia Beach and G.A. Feaver, gypsum board contractors; Melvin E. Deal, Tile Contractor, Chesapeake, ceramic tile; Charlie Jones, Inc., Chesapeake, acoustical treatment; Ellis Floor Covering Co., resilient tile; Collins & Aikman/J&J Industries, carpet; Corbit's Painting Co., painting contractor; Sherwin Williams Co., Cleveland, OH, paint manufacturer and DMA & Associates, Inc. & Alma Butler, wall covering.

Others were: Sandler Foods & Warner Moore & Co., Inc., Virginia Beach, equipment; Virginia Pipe & Supply Co., Inc., Ashland, sprinkler contractor; Noland & Co., Chesapeake, plumbing fixture supplier; Brown Mechanical Corp., Virginia Beach & Merriam's Plumbing & Heating, Chesapeake, plumbing contractors; A.W. Hughes Sheet Metal Corp., heating/ventilating contractor; Sam Harris Refrigeration & Air Conditioning Service, Chesapeake, air conditioning contractor; Eck Supply Co., Virginia Beach, lighting fixtures/electrical equipment supplier; Chesapeake Electric, Inc., Chesapeake, electrical contractor; C.E. Basnight, Jr., Virginia Beach, demolition contractor; and Kay's Discount Bedding, Virginia Beach, furniture supplier.

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Beach Quarters Hotel

Walsh/Ashe Associates, Inc.—Architect

Owner: South End Associates • Location: Virginia Beach

Project Architect/Designer, Michel C. Ashe • Landscape Architect, Carson Design Group • Interior Designer, Interior Design Group, Inc. • Site Engineer/Surveyor, Overman & Associates • Structural Engineer, Abiouness, Cross & Bradshaw, Inc. • Mechanical/Electrical Engineer, Old Dominion Engineering • General Contractor, Transcon Construction Company/Harry Rallo, Project Manager • Photography, Rod Mann.

The Beach Quarters Hotel is a 168 unit resort condominium/hotel complex encompassing a 240 car parking garage, conference facilities for 500, a 150 seat full service restaurant, a 400 seat night club and a health club with sauna and hot tub. The site is on one acre of Atlantic Ocean beachfront in the commercial resort area of Virginia Beach.

Fronting the boardwalk promenade, the 12-story tower permits each guest room a panoramic view of the ocean. West of the tower the mid-rise parking structure provides a much needed buffer between heavily travelled Atlantic Avenue and the guest rooms. South of these elements, beneath the sweeping arc of the double level restaurant surmounted by its continuous skylight roof, lies the covered automobile entry.

The openly planned, extensively glazed lobby provides views vertically and horizontally, visually connecting it with the restaurant, cocktail lounge, night club and conference areas. The conference facilities, night club, health club, roof top pool and sundeck all have sweeping views of the ocean.

Poured-in-place concrete was selected for the structure of the garage and guest room tower while the entertainment/administration complex utilizes a steel frame. All elements are sheathed in acrylic stucco and reflective bronze glass.

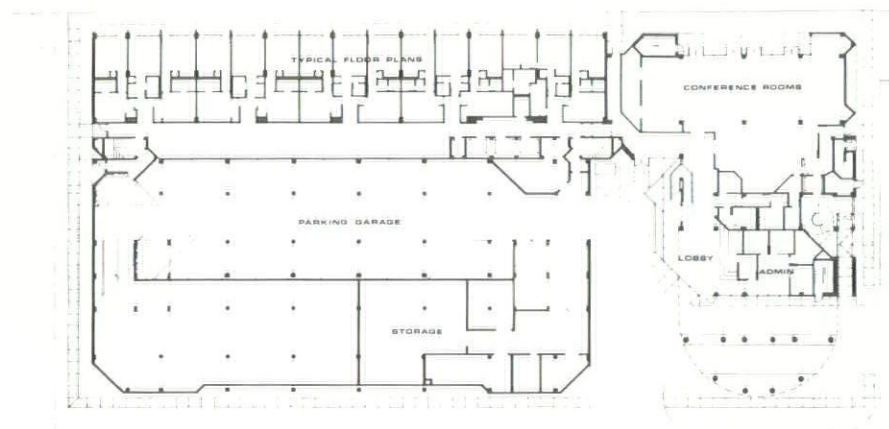
Transcon Construction Company of Fairfax was general contractor and handled caulking. Harry Rallo was the firm's project manager.

SUBCONTRACTORS & SUPPLIERS

Virginia Beach firms were: Dozier Enterprises, excavating; Welch Pipe Driving Corp., piling; Architectural Products of Virginia, hardware supplier, fire shutters & rolling grilles; Dionne Associates, special flooring; and Schertle Pools, Inc., swimming pools.

From Norfolk were: Lone Star Industries, Inc. (now Tarmac-LoneStar, Inc.), concrete supplier; Globe Iron Construction Co., Inc., steel supplier/erection/joists & miscellaneous metal;





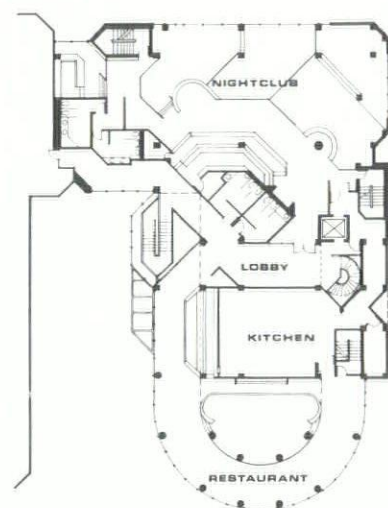
FIRST FLOOR PLAN

Baker Roofing Co., roofing, roof insulation, waterproofing & sheet metal; Addington-Beamon Lumber Co., Inc. structural wood; Walker & Laberge Co., Inc., glass, glazing contractor, wall & storefront; Otis Elevator Co., Inc., elevator; Todd Electric Co., lighting fixtures/electrical equipment supplier & electrical contractor; and Ajax Co., Inc., marble front reception desk.

Others were: Bethlehem Steel Corp., Richmond, reinforcing; Farragut Masonry Corp., Portsmouth, masonry contractor/supplier & mortar; Interior Drywall Systems, Clearwater, FL, wall insulation, gypsum board contractor & exterior insulation & drywall; Dula Wright, Inc., Charlotte, NC, handrails; Waterfront Lumber Co.,

Inc., Newport News, carpentry; Southern States, cabinets & wood doors; Southern Architectural Products, Atlanta, GA, metal doors & frames; Pompei Tile Co., Inc., Newport News, ceramic tile; and Tyler Construction Co., acoustical treatment.

Also, Bay Tile Corp., Portsmouth, resilient tile; Collins & Aikman, Dalton, GA and Wellco, Calhoun, GA, carpet; Universal Services, Inc., Detroit, MI, painting contractor; USG & Blue Ribbon Paint Co., Wheeling, WV, paint manufacturer; Knoll International, New York, NY, special wall finish; Capital ASAM & Wolfe Gordon, wall cov-



**SECOND FLOOR PLAN
SERVICE BUILDING**

ering; Williams Crane & Rigging, Inc., Richmond, specialties; Bay Equipment Co., Hampton, equipment; K-C Mechanical, Atlanta, GA, sprinkler/plumbing/heating/ventilating/air conditioning contractor & plumbing fixture supplier; American Coatings Corp., Richmond, fireproofing; and Gahts, sauna & hot tub.

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*Electrical Contractor for Patriot's Place
Phases 2, 3 and 4*


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Patriot's Place

Rancorn, Wildman, Krause & Brezinski—Architect

Owner: Fairfield Williamsburg, Inc. • Location: York County

Project Architect/Designer, James M. Pociulyko, AIA • Project Team — James K. Affeldt, Beth Blair, John S. Clark, Jr. • Landscape Architect, G. Glenn Oder, ASLA • Site Engineer, J.J. Alfonso • Structural Engineer, Reid & Cornwell • Mechanical/Electrical Engineer, Spiers & Waltz • General Contractor, Henderson, Inc. — Phase 1; Fairfield Williamsburg, Inc. — Phases 2, 3 & 4 • Model by Earl Dashiell, Dashiell Models.

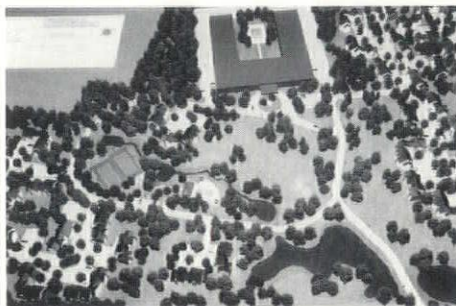
Williamsburg, Virginia was transformed from a village into a prosperous governmental center during the early eighteenth century by Governor Spotswood. According to Sir William Keith, Spotswood "...was well acquainted with figures, and so good a Mathematician, that his skill in Architecture, and in the laying out of Ground to the Best Advantage is yet to be seen in Virginia..." It is with this spirit that the architect proceeded to lay out the ground for Patriot's Place, a timeshare condominium development located on 30 acres of picturesque wooded land about a mile from the restored Colonial Capital.

Fairfield Communities, Inc. required a 188-unit multi-family "interval ownership" project. Fairfield is a Little Rock based company which is engaged in the development, construction and marketing of master-planned retirement, recreational and primary-home communities in the Sunbelt states.

The master planning of Patriot's Place focused on assimilating the ambience found in Colonial Williamsburg. Care was taken to locate buildings in close proximity to the streets and walks to give the pedestrian scale of the Duke of Gloucester Street. This concept was achieved with the addition of props such as fences, gates, benches, hitching posts and lanterns. By arranging "L" shaped buildings in clusters, "car courts" were created to break the great expense of parking required for a project of this density. Storm water was collected by underground drainage structures and then channeled into a stream with rocks and foot bridges that meander through the site past the recreation area.

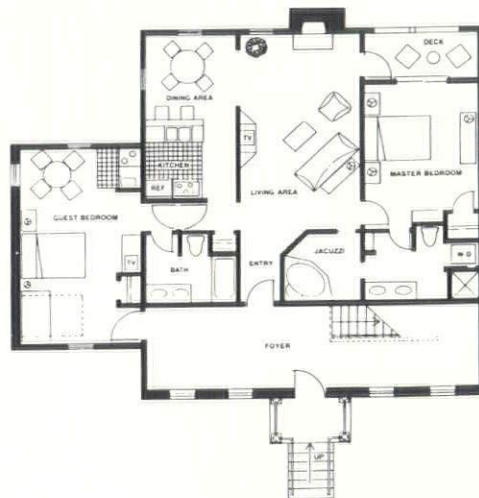
Landscaping was an integral part of the design process. Each significant tree on site was located and identified before the first conceptual design. Research of Williamsburg plantings provided a basis for interpretation of the landscaping found in the restored capital. Numerous annuals and flowering plants are added seasonally for a festive and colorful atmosphere reminiscent of this era.

The client desired an authentic 18th century exterior appearance with all of the convenien-



ces of a 20th century condominium on the interior. Perhaps the greatest challenge was to achieve the density which the number of units required and yet maintain the scale and open space reminiscent of the restored area. A study of the nearby historical references provided knowledge of materials, massing and architectural details and forms which is reflected in the new development. Individuality of the buildings was achieved with a variety of exterior finishes and colors, entry porches, roof lines and several floor plans including four- and six-unit arrangements.

A "doubleshare" concept was developed in the floor plans allowing separate entrances to the master and guest suites from a common foyer. Guest suites can therefore be used separately or



Typical Unit Plan



in addition to the master suites, and have a bedroom/living area, kitchenette and bath. The master suite includes the conveniences of a fully equipped kitchen, brick fireplace, and jacuzzi located off of the living room and connected to the master bathroom.

Henderson, Inc., of Williamsburg, was general contractor for Phase 1 of this project. Fairfield Williamsburg, Inc., of Williamsburg, the owner, acted as its own general contractor for Phases 2, 3 & 4.

SUBCONTRACTORS & SUPPLIERS (Phase 1)

Dudley S. Waltrip & Sons, Inc., Williamsburg, site work; National Exterminating Co., Inc., Newport News, termite control; Sound Structures, Inc., Midlothian, gypsum concrete floor underlayment; Louke Masonry, Inc., Williamsburg, masonry; Colonial Insulation, Inc., Norfolk, insulation; Essene Painters, Hampton, painting; Binswanger Glass Co., Newport News, mirror units; Hearth & Home Distributors, Inc., Hamp-

ton, fireplaces & stacks; Weathercrafters Ltd., Williamsburg, HVAC; Wayland Smith Electrical Contractor, Norge, electrical; and Eastern Mechanical Corp., Yorktown.

SUBCONTRACTORS & SUPPLIERS (Phases 2, 3 & 4)

Williamsburg firms were: Lisa Baldwin, wallpaper hanging; Thomas Concrete, concrete; Dudley S. Waltrip & Sons, Inc., site work; H.W. Farmer, welding; Weathercrafters Ltd., HVAC; William Hall, hauling; Lake Powell Construction, trim & carpentry; Louke Masonry, Inc., masonry; and Repairs Unlimited, grading.

From Hampton were: Carr Smith Co., Inc., insulation; Teddy Prait, siding installation; Chisman Co., ready mix concrete; C.H. Morgan Co.; and Peninsula Roofing Co., Inc.

Newport News firms were: East Coast Drywall; Reynolds Drywall; Harris Paint Co.; D.W. Mitchell, concrete work; George D. Harris & Son,

Inc., landscaping; Ted Lansing Supply Co., aluminum siding; and Sign Crafters, Inc., signs.

Others were: Colonial Insulation, Inc., Norfolk, insulation; Eastern Mechanical Corp., Yorktown; Hamilton's Electric, Norge, electrical; Eddie Walker, hauling & cleaning; H/L, Lightfoot, carpet installation; Hearth & Home, Columbia, MD; Ken Mathews Landscape Nursery, Grafton; Seaboard Pest Control Systems, Inc., Gloucester Point, termite control; Sound Structures, Heathsville; ABC Supply Co., Norfolk, roofing supplies; Addington-Beaman Lumber Co., Norfolk, framing and trim lumber, windows & doors; Cervitor Kitchens, Inc., El Monte, CA, unit kitchens; General Electric, Atlanta, GA, furnished appliances; H&P Hardware & Specialty Inc., Portsmouth, finish hardware; Metro Building Supply Co., Vienna, drywall supplier; Parnell Marble Mfg., Gadsden, AL, whirlpool baths; Tomlin Lumber Co., Suffolk, counter tops; and Tri Pac Cabinets, Chesapeake, kitchen cabinets & vanities.

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Architecture Students' Drawings of Madrid On View at Octagon Museum, June 9-July 19

A collection of graphic representations of Madrid's architecture is the focus of the exhibition "Graphic Madrid," June 9-July 19, at the Octagon Museum, 1799 New York Avenue, N.W., Washington, DC.

The drawings were created by students at the Escuela Tecnica Superior de Arquitectura de Madrid and "constitute an excellent record and sampling of Madrid architecture, which can almost be experienced by someone who otherwise is not acquainted with it," wrote architecture professor Adolfo González Amezqueta in the exhibition catalog.

"The most immediate and obvious aspect of these drawings is their detail and precision, along with their retention of a large number of the visual attributes of the object represented: color, texture, light, and shading . . . If I were to

look for analogies for these drawings . . . I feel that rather than academic drawing or 'beaux-arts,' they come closer to constituting a sort of pictorial or graphic 'hyperrealism.'"

The buildings and interiors depicted include the Congressional Palace, the National Library and Archaeological Museum, and several churches and street scenes. According to Helena Iglesias, under whose direction the drawings were made, some of the structures were selected on the basis of their representative, social, or historical significance, while others were chosen for their state of neglect or lack of fame.

The exhibition was supported by the United States-Spanish Joint Committee for Cultural and Educational Cooperation, the Comunidad de Madrid, the Colegio Oficial de Arquitectos de Madrid, and Iberia Airlines of Spain.

Craft Persons Sought for Fair

Craft persons are being sought to participate in the 1987 Falls Church Harvest Fair, sponsored by the Recreation and Parks Department and the Falls Church Babe Ruth Association. The fair is scheduled for Sept. 12. Each craft vendor will be granted space about the size of a car for a nominal fee. For more information, call Ray Pfohl at 703/241-5077.



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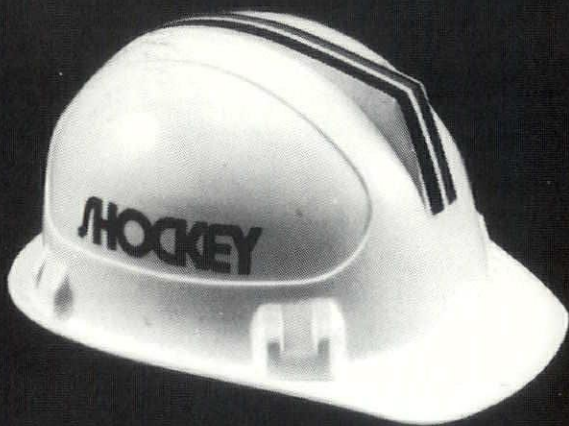
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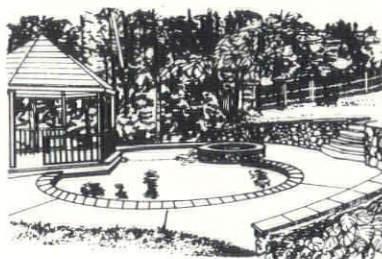
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Little Rocky Run Recreation Center

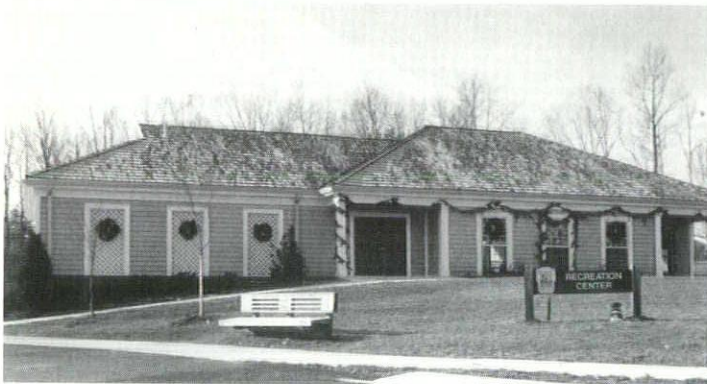
Strang and Samaha, AIA—Architect

Owner: Hunter Development Company •
Location, Fairfax County

Associated/Consulting Architect, Semon Samaha • Interior Designer, Strang & Samaha, AIA • Site Engineer/Surveyor, Dewberry & Davis • Structural Engineer, Mesen-Sargent-Partnership • Mechanical Engineer, Frank Williams • Electrical Engineer, Ales Perez & Associates • General Contractor, Miller Brothers Constructors, Inc. • Photography, Rebecca Bostick.

The community of Little Rocky Run lies in the rapidly developing southwest corner of Fairfax County. Hunter Development Co. master planned this community for 2,360 town and single family units with a total of three recreation centers.

The program for this first recreation center called for a facility to be designed in keeping with the surrounding residences, reflecting a comfortable, traditional atmosphere. Tennis courts and a competition size pool with generous surrounding deck and grass areas were to be provided.



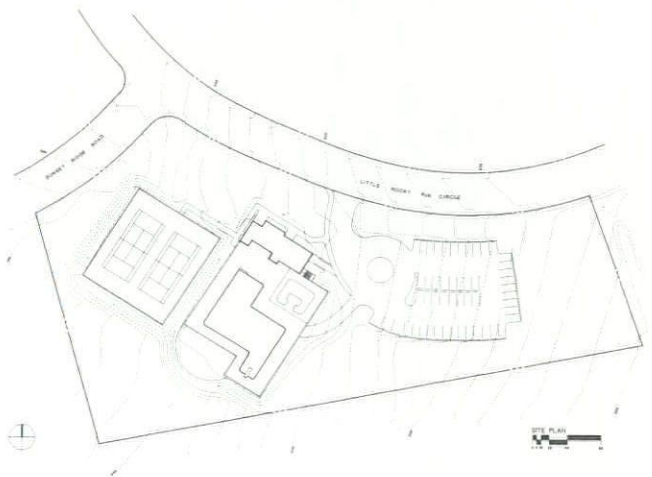
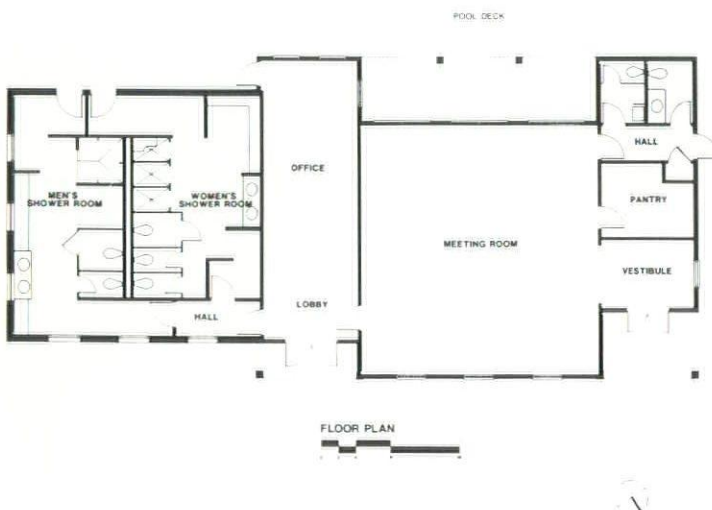
A 2,300 square foot, single-story structure was designed around a large meeting room. Tall double hung windows and a high cedar ceiling were incorporated into this room to create a bright and pleasant area for community events such as civic association meetings, holiday celebrations and religious gatherings. The design utilized large hip roofs with wood shakes, gray stained cedar siding and detailed soffits to create the overall rustic, traditional appeal representative of the entire community.

Miller Brothers Constructors, Inc. of Sterling was general contractor and handled foundations, concrete work, roof/wall/foundation insulation, carpentry, waterproofing and gypsum board.

SUBCONTRACTORS & SUPPLIERS

Miller & Green Construction, Inc., Broad Run, masonry contractor; Betco Block & Products, Inc., Gainesville, masonry manufacturer/supplier; Riverton Corp., Riverton, Flamingo mortar; Arlington Iron Works, Inc., Manassas, steel supplier/joists/roof deck; Dale Lumber Co., Inc., Falls Church, millwork & wood doors; St. Claire Appliance, Alexandria, cabinets; and James A. Cassidy Co., Inc., Fairfax, windows.

Also, Fries, Beall & Sharp Co., Springfield, hardware supplier; Stevens Tile & Marble Co., Inc., Kensington, MD, ceramic tile; Marty's Floor Covering Co., Inc., Alexandria, resilient tile; Complete Painting Co., Upper Marlboro, MD, special flooring & painting contractor; Duron Paints, Beltsville, MD, paint manufacturer; Steel Products, Inc., Rockville, MD, specialties; Olympic Swimming Pool Co., Alexandria, swimming pools; Lawson Plumbing Service, Catlett, plumbing contractor; Goode Refrigeration, Inc., Manassas, heating/ventilating/air conditioning contractor; and A & J Electric Co., Inc., Centreville, electrical contractor.



United States Coast Guard Officers' Dining Facility

MHA, Inc.—Architect

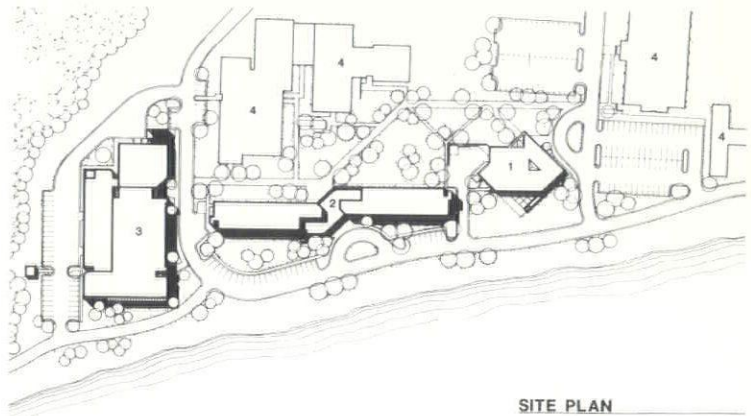
Owner: United States Coast Guard • Location: Yorktown

Landscape Architect, LPDA Consortium • Interior Designer, MHA, Inc. • Cost Consultant, John K. Stonnell Company • Structural Engineer, Dunbar, Milby & Williams • Mechanical/Electrical Engineer, Hankins & Anderson, Inc. • Geotechnical Engineer, Schnabel Engineering Associates • General Contractor, Meredith Construction Co., Inc. • Photography, Whitney Cox.

The United States Coast Guard Reserve Training Center in Yorktown provides educational facilities for training Coast Guard Reservists during the summer months, and is a permanent home for the Officer Candidate and Marine Safety Schools.

Working conjointly with Captain William A. Doig, Commanding Officer, United States Coast Guard Training Center; Commander Helmit E. Walter, Chief, Facilities Engineering Division; Lt. Commander Richard T. Bartlett, Branch Chief, Northern Branch of Facilities Design and Construction Center (East); and Mr. Richard E. Lane, Contracting Officer, Facilities Design and Construction Center (East), MHA, Inc. designed the

three most recent additions to the Reserve Training Center. A senior student housing facility and a training classroom/laboratory building (featured in *VIRGINIA RECORD* March/April 1987), and this project, which is an officers' dining facility, make up the additions which were completed in 1986.



- 1 DINING AND LOUNGE FACILITY
- 2 STUDENT HOUSING • CAIN HALL
- 3 DAMAGE CONTROL / ORDNANCE TRAINING BUILDING
- 4 EXISTING BUILDING

The 7,767 S.F. Officers' Dining Facility is a one-story steel frame structure with masonry facade. The facility serves as the primary dining and lounge facility for officers stationed at the Reserve Training Center and has a full galley with cafeteria-style serving line. Specialty interior features include a large triangular pyramid



skylight in the lobby, a wood-burning masonry fireplace in the lounge, and extensive usage of brick, quarry tile, and natural wood throughout the facility.

The dining room, with seating space for 180 guests, faces the York River, thus capitalizing on the commanding riverfront views offered by the site. The building is slightly elevated and the progression of space is designed to maximize these views. In the dining room, operable partitions are provided and can be closed to create a separate meeting room. Both the dining room

and separate meeting room spaces can be opened to the lounge, thus allowing flexibility for several business and/or social functions to occur simultaneously, as may be required by the owner.

The entire social area is opened by a glass wall to a paved terrace with sculptural brick walls that serve to frame the scenic views of the York River. Steel pipe trelliswork with colorful canvas awnings are incorporated into the design to protect the terrace spaces from the elements.

Support spaces to the facility include administrative office spaces, general storage spaces, housekeeping/janitorial spaces, mechanical spaces and a loading dock.

The overall design of the Officers' Dining Facility creates a festive atmosphere and is part of an ongoing effort by the Coast Guard to improve base conditions and the quality of life for its servicemen.

Meredith Construction Company, Inc. of Norfolk was general contractor and handled excavating, foundations, concrete work, foundation insulation, carpentry, structural wood, millwork and gypsum board.

SUBCONTRACTORS & SUPPLIERS

(Norfolk firms unless noted)

Winn Nursery, Inc., landscaping materials & landscaping contractor; Adams Construction, Roanoke, paving contractor & metal doors & frames; Virginia-Carolina Steel, Inc., reinforcing, steel supplier/erection/joists/roof deck/grating, miscellaneous metal & handrails; Benson-Phillips Co., Inc., Newport News, concrete supplier; Bat Masonry Co., Inc., Lynchburg, masonry contractor & wall insulation; Webster Brick Co., Inc., Roanoke, masonry manufacturer & mortar; Lone Star Industries, Inc. (now Tarmac-Lonestar, Inc.), masonry manufacturer; Eastern Roofing Corp., built-up roof, roof insulation & waterproofing; and Herring Brothers Erection Co., Inc., Portsmouth, caulking.

Also, Ace Sheet Metal Works, sheet metal; W.H. Stovall & Co., Inc., Ashland, glass, glazing contractor, windows, window wall & storefront; Door Engineering Corp., wood doors; H&P Hardware & Specialty, Inc., Portsmouth, hardware supplier; William E. Brown Corp., acoustical treatment; Cherry Carpet, Portsmouth, carpet; Top Painting Co., Hampton, painting contractor; Pittsburgh Paint Service Center, Hampton, paint supplier/manufacturer; Wolfgang, wall covering; Atlantic Sprinkler Co., sprinkler contractor; Pittman Mechanical Contractors, Inc., plumbing/heating/ventilating/air conditioning contractor; Lightoller, Jersey City, NJ, lighting fixtures supplier; and Dorey Electric Co., electrical contractor.



Patriot Center, George Mason University

Carneal & Johnston, Architects/Engineers, A Professional Corporation

Owner: George Mason University • Location: Fairfax County

Landscape Architect, The Wilson-Moreth Partnership • Structural/Electrical Engineer, Carneal & Johnston • Mechanical Engineer, Hankins & Anderson • Acoustical Consultant, Bolt, Beranek & Newman • Construction Manager, Gilbane Building Company, Mid-Atlantic Regional Office • Photography, Whitney Cox & Stewart Brothers.



Located minutes from the hub of the Nation's capital, Fairfax County is undergoing uncommon growth. In fact, the annual growth of the county is projected to be approximately 7,000 new residents per year until at least the year 2000. It is small wonder that George Mason University, located in the heart of such a dynamic region, should be experiencing growing pains also.

Among the many mileposts in the development of the university is the recently completed Patriot Center. Although landscaping operations have just recently been completed, this arena officially opened on October 4, 1985 with a special National Basketball Association contest between the Washington Bullets and the New York Knickerbockers.

Primarily designed with basketball in mind, the Patriot Center can be easily converted into a concert configuration and accommodate numer-

ous events. Seating varies from approximately 10,000 for basketball to 10,400 for convocations.

The octagonal roof is 340 feet long and is framed with steel trusses, some 25 feet deep. These trusses, the acoustical roof deck, and mechanical ductwork are exposed on the interior but "painted out." The roof construction is faced with prefabricated metal panels which extend from the bearing points of eight massive concrete columns. Brick and concrete are the primary materials for exterior walls and terraces.

The \$15,000,000 facility has four distinct levels: (1) Game Floor Level, which includes team rooms, training rooms, coaches' offices, ticket sales office, athletic administrative offices, lounges, toilets, officials' locker room, business manager's office, service entrance for vehicles, receiving, storage; (2) Ambulatory Floor Level which includes eight concession stands, first aid stations, toilets, as well as four major

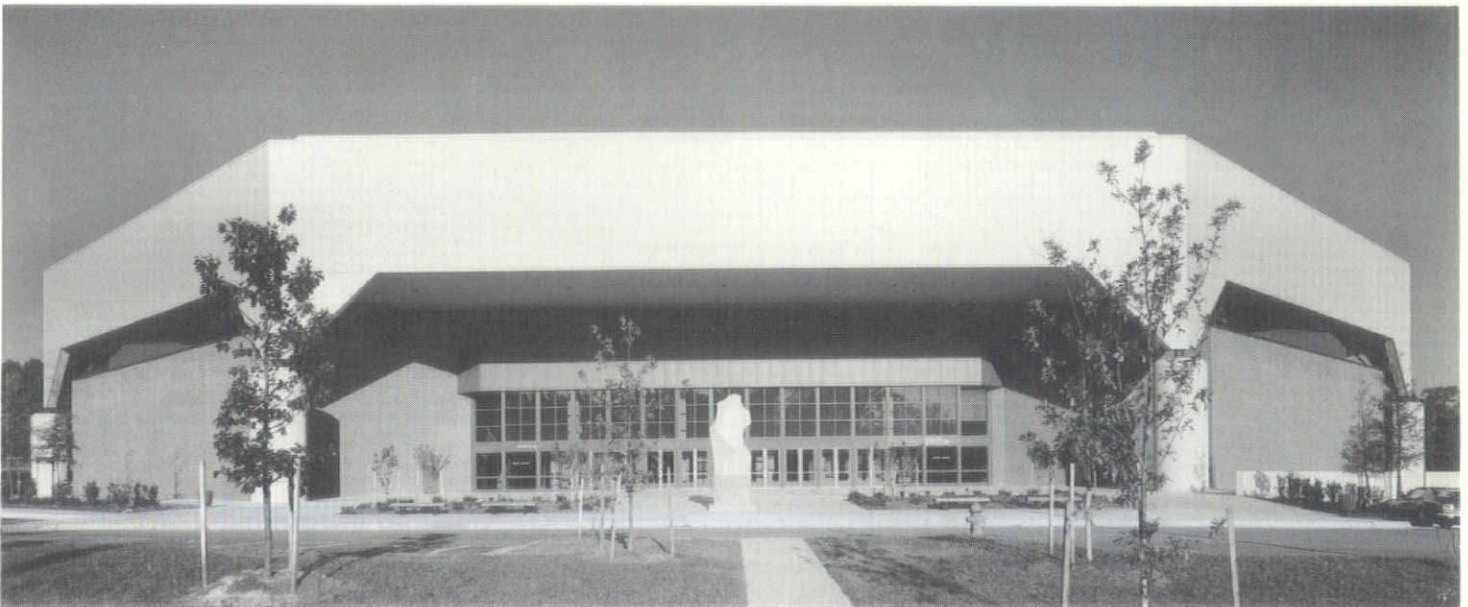
entrances and a generous ambulatory; (3) Mechanical Equipment Level where, above the ambulatories and toilet areas, are located the numerous air-handling units which serve the facility; and (4) Seating Level. The playing floor is removable permitting flooding and icing. In addition to the permanent seats, there is portable seating for added flexibility.

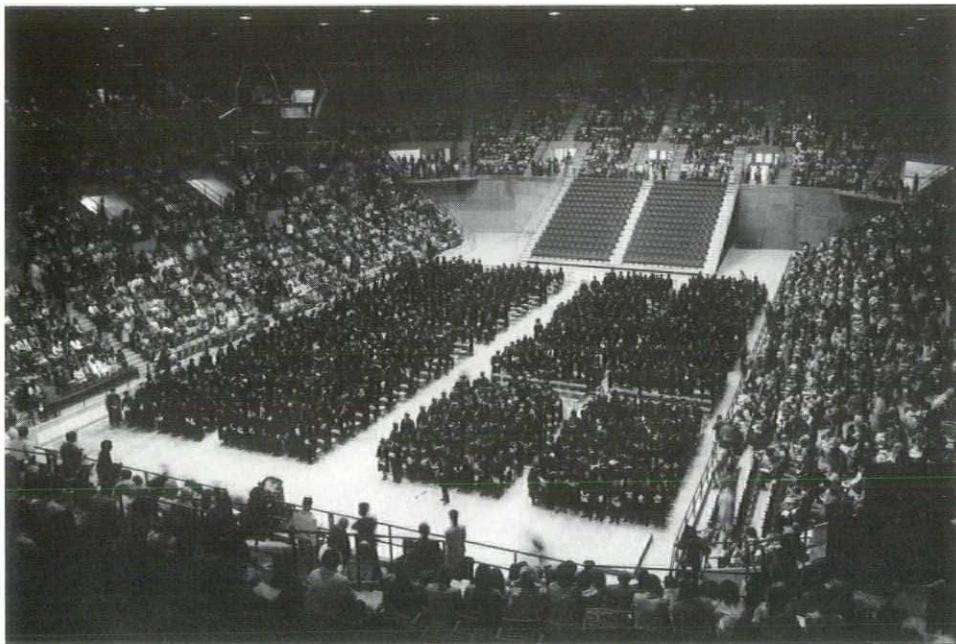
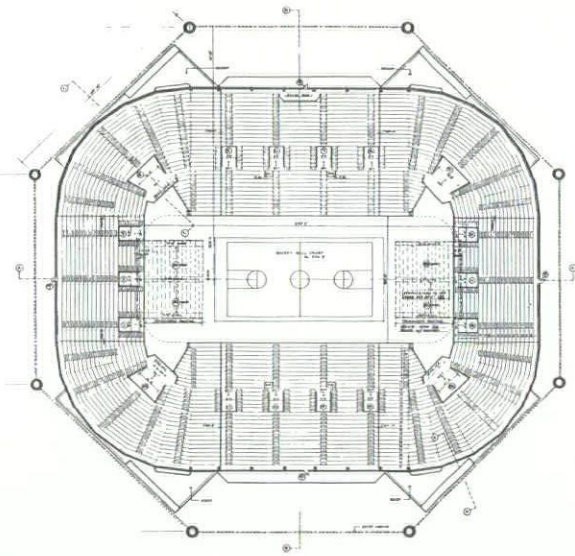
The completion of the Patriot Center offers tangible proof that the University's goal of offering the best in academics and athletic programs is becoming a reality.

The Mid-Atlantic Regional Office of Gilbane Building Company, Landover, Maryland, acted as Construction Manager for the project.

SUBCONTRACTORS & SUPPLIERS

F. E. Gregory & Sons, Gaithersburg, MD, excavating; Evergreen Irrigation, Fairfax, irrigation contractor; The Green Team, Springfield, lands-





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caping contractor; Shirley Contracting Corp., paving contractor; Kora & Williams Corp., Silver Spring, MD, concrete contractor; United Masonry, Inc. of Virginia, Alexandria, masonry contractor; Owen Steel Co. of North Carolina, Inc., Gastonia, NC, steel supplier/erection/joists/roof deck & steel grating; Erection Masters, Inc., Upper Marlboro, MD, miscellaneous metal; Virginia Roofing Corp., Alexandria, built-up roof, roof insulation & waterproofing; and HIVA of Springfield, Inc., Springfield, wall insulation, gypsum board contractor, acoustical treatment & aluminum soffit system.

Also, Residential Carpentry Corp., West Bethesda, MD, carpentry, millwork, Pioneer Industries metal doors, frames & storefront, wood doors & hardware supplier, Commercial Glass Co., Inc., Bladensburg, MD, glazing contractor; Erection Masters, Inc., Upper Marlboro, MD, overhead doors; McClary Tile, Inc., Alexandria, ceramic tile; Charles Shaid of Delaware, Philadelphia, PA, painting contractor; Elevator Technologies, Inc., Richmond, elevator; Wesway Sprinkler Co., Inc., Mechanicsville, sprinkler contractor; Riddleberger Bros., Inc., Harrisonburg, plumbing/heating/ventilating/air conditioning contractor; Mona Electric, Inc., Clinton, MD, electrical contractor; Syscon Sales Corp., Gaithersburg, MD, preformed wall panels; Irwin Seating Co., Grand Rapids, MI, seating; Robbins, Inc., Cincinnati, OH, portable playing floor; Brownson Equipment Co., Richmond, portable seating; Central Builders, Inc., Richmond, precast concrete tiers; and R. L. Rider & Co., Warrenton, site utilities.

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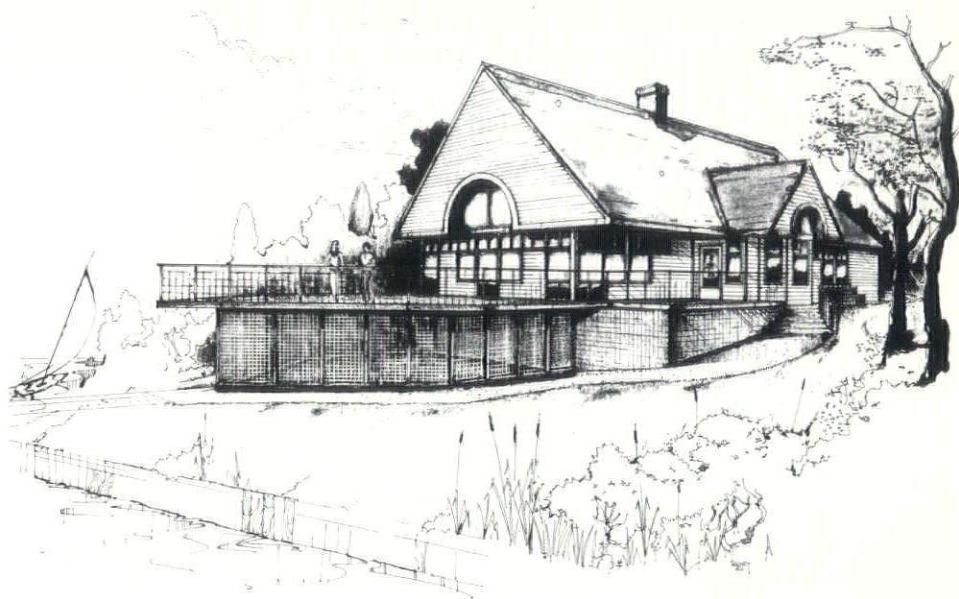
804/826-1100

Marlbank Cove Community Center

Rancorn, Wildman, Krause & Brezinski—Architect

Owner: Marlbank Cove Community • **Location:** York County

Project Architect/Designer, Robert P. Tierney • **Structural Engineer,** Spiers & Waltz • **Mechanical Engineer,** REBCO • **Electrical Engineer, By Owner** • **General Contractor,** Craftsman Custom Builders, Inc.



The program was to develop a meeting place and pool club house for the surrounding Marlbank community. The Community Center functions year round as a civic and social meeting place and provides restroom and shower facilities for the swimming pool during the summer months.

The Community Center is located on a wooded peninsula of land extending eastward into Wormly Creek. It is on a high bluff at the end of the peninsula with significant views on three sides.

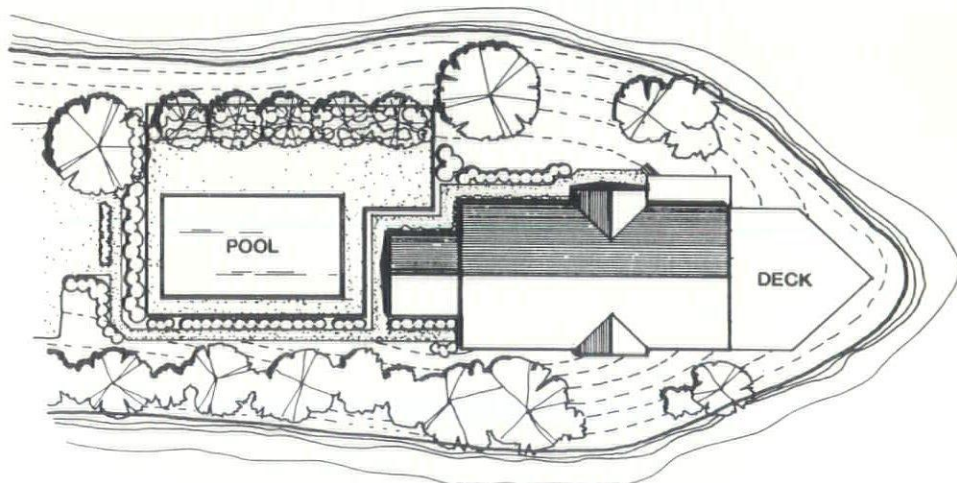
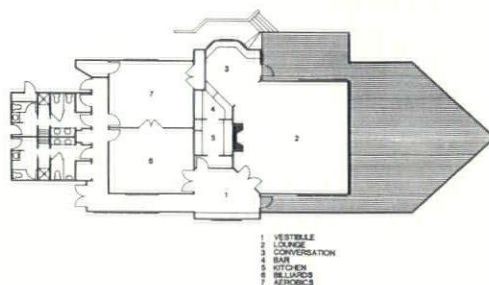
The building was organized to provide vistas of the surrounding creek and woodlands. Each space has a substantial and unique view of the creek. The lounge is located at the end of the peninsula and is enclosed by glass on three sides providing a panoramic view. The pitched roof, wood siding, and gabled ends blend comfortably with the nearby traditional homes and wooded setting.

Craftsman Custom Builders, Inc. of Hampton was general contractor for the project.

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(Hampton firms unless noted)

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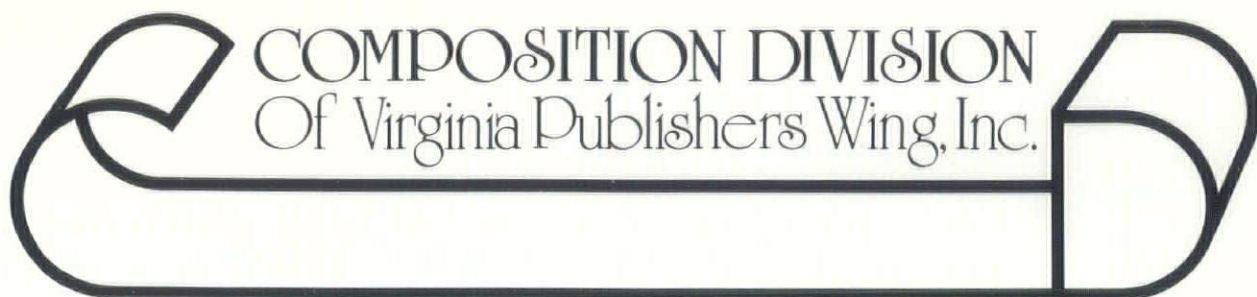
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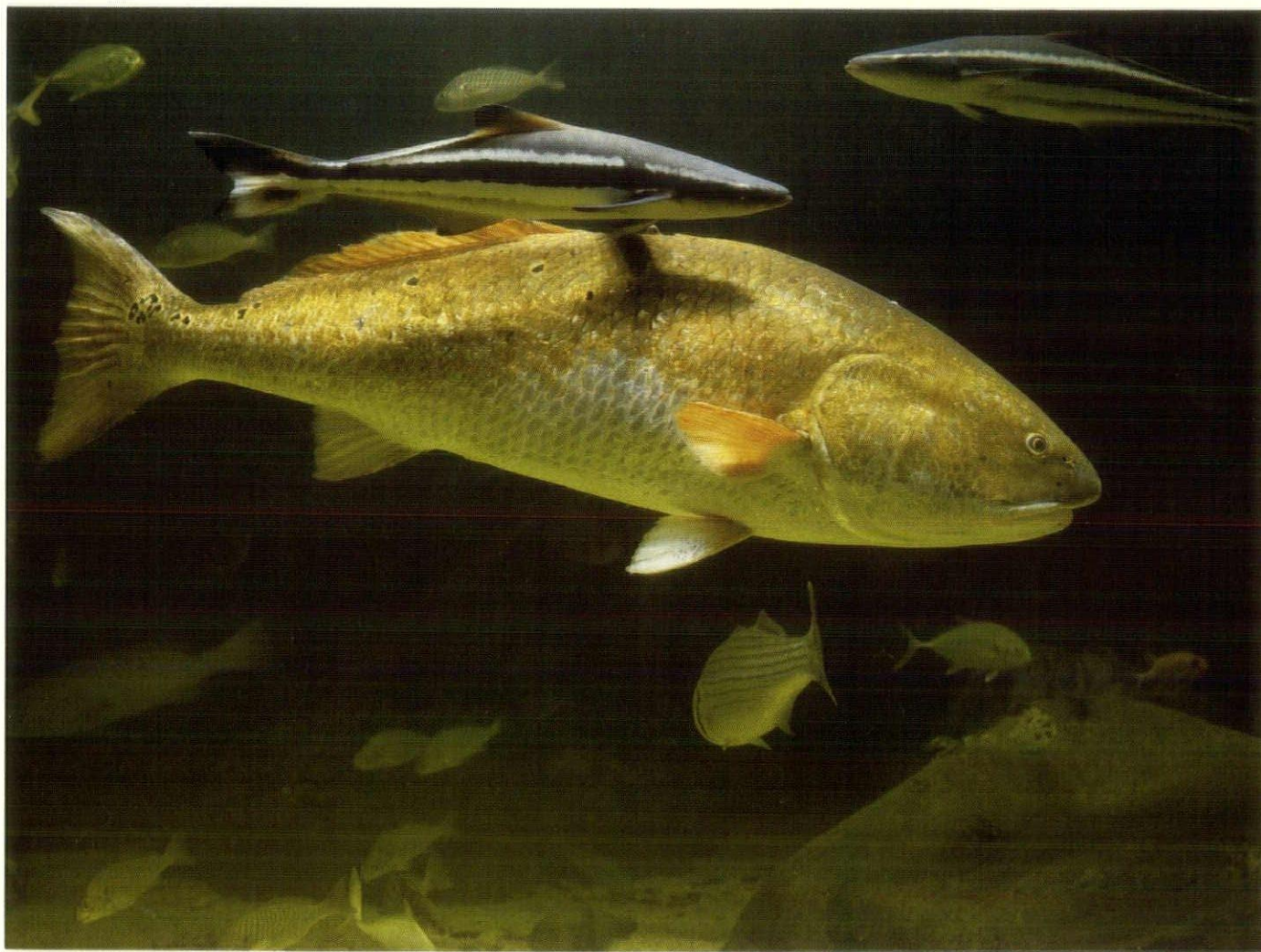
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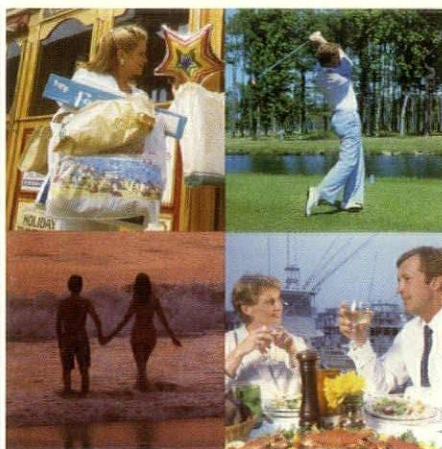
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