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JOURNAL OF THE VIRGINIA SOCIETY OF THE AMERICAN INSTITUTE OF ARCHITECTS

NOV./DEC. 1985





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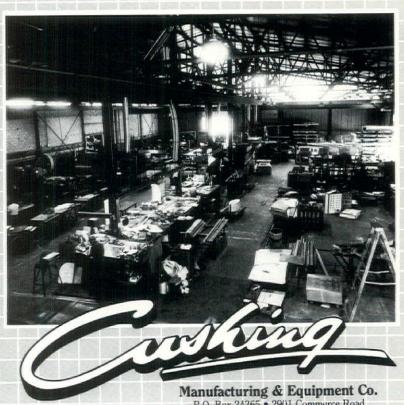
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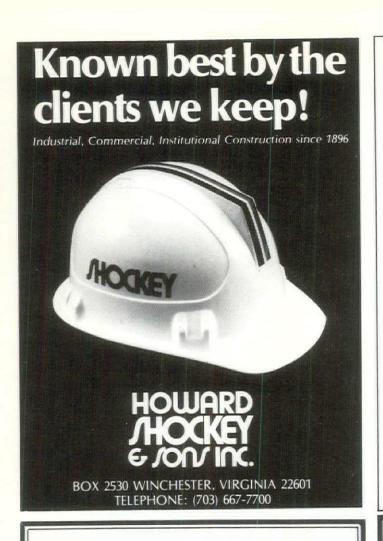
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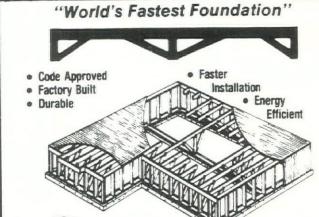
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On our cover is an interior view of the Seaboard Center in Norfolk. The project is presented on page 36 of this issue by OSC Associates, of Norfolk. (Cover photo by Ed Pease)

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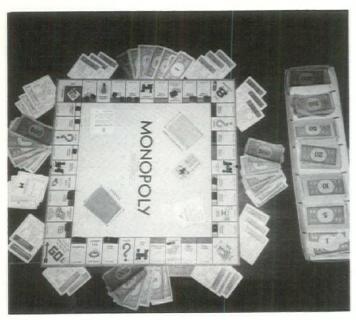
# architectonica

#### Let's Play 'Monopoly'

My generation and my childrens' generation of Americans grew up playing the game MONOPOLY. It ranks with Kleenex and Coca-Cola as Standard Issue in our culture. Everyone's familiar with the rules, strategy, and nomenclature. Everybody has a favorite lucky piece they prefer to push around the board, and a favorite block of real estate to try and acquire.

My favorite target, one for which I would mortgage everything else, was the orange strip comprised of "New York, Tennessee, and St. James." Package these and the odds are you will ultimately win out, as players coming out of "Jail" usually land on the orange spaces. It's not much of an edge, it's not foolproof, but in any but a "Mister Roberts" game of MONOP-OLY, the kind where everybody cheats, the Orange Line is a winner.

One might try to package the Water Works and the Electric Company so as to be a big utility tycoon, but there's no reward built into MONOPOLY for utility tycoons.



OBSERVATIONS.

Sheraton, Hilton, Hyatt or Marriott—it makes no difference: It's the location that counts!

In the game, the "Electric Company" often ends up face down—In reality, never. The game doesn't reward the developer of "Park Place" and "Boardwalk," so Donald Trump would suffer at the board game.

Norfolk and Southern may be Big Time in Virginia, but a four-railroad collection in MONOPOLY is just something to use as trade-bait to the neophyte player holding "St. James Place." Charles Smith must be an old MONOPOLY player to have changed the R.F.&P. railroad yard into Crystal City. His company bridged the gap between fact and fiction.

For the game MONOPOLY is fiction. Real-life monopolies in transportation, power distribution, communications, fuel, and water are never losers.

The important monopolies in Virginia are Utilities: The Electric Company—called Virginia Power; the local Phone Company, whether it be Centel, Continental, or C & P; the Gas Company in the urban areas; the Water Authority in Northern Virginia; and the Cable TV companies in the cities.

What characteristics do these outfits share?

They all have a franchise deal with government to provide exclusive services in return for governmental regulation of fees and prices.

They all have rights to use public right-of-way to distribute the product.

They all make a guaranteed profit—such-and-such a percentage profit on capital invested. The arrangement may not be codified, but government as regulator has an interest in seeing a utility function effectively.

They are, except for Cable TV which is still selling itself, quite indifferent to customer needs and complaints.

And they are bureaucratic structures which are so unwieldy that, except for emergency repair crews, it takes forever and a day for them to get anything done.

And the telling point is that the consumer has no other place to go.

I am going to pick on Virginia Power as an example of how a monopoly works in real life. They recently changed their name from Virginia Electric Power Company (VEPCO); they didn't change their ways.

I'm building a house in the country, out from Fredericksburg. I need electricity. Theoretically, I have two choices: I can get connected to Virginia Power, or I can buy and operate my own fossil-fuel-fired generator. For an intermittently-occupied house, there's really no choice. I need the reliability of a central system of power generation.

So I made overtures to Vepco (Virginia Power) in April. We finally were connected in October, after renting a 3KW generator for over two months. I might as well have bought the bloomin' thing.

The field engineer made a route agreement with me, which his supervisor over-rode. That's happened to me before and since. Their "Policy," which I

was told much later, is not to initiate design until the potential customer is already out of the ground with his building, so that they avoid service to "no-shows." (Nobody asked me for a bond or deposit.)

So I waited months expecting a Vepco (Virginia Power) crew to show up every day, while they waited for me to get far enough along to justify some attention. It took three (3) different crews—"one to change the light bulb, one to dispose of the burned-out bulb, and one to turn the light switch." There were two month-long postponements. They forgot to install the meter on the last trip, which meant a Meter Installer made a special 50-mile round-trip service call to wrap up the process.

Now, Lord knows I had to be on the very bottom of Virginia Power's priority list, being a single residence at the end of a 1500-foot run. But serving this sort of marginal user goes with the territory of a monopoly utility. Virginia Power will wait many, many years before they get their capital investment back and begin making a profit on me. They are going to have to make their money elsewhere.

And, being a Vepco customer elsewhere, I have an idea how and where. My Vepco bill has been inching up regularly since 1975, and the numbers do not follow the price variations of fossil fuel. The Virginia Corporation Commission cannot be concerned with how well or how badly Vepco/Virginia Power is managed; they have to make sure that Vepco/Virginia Power is financially well enough off to keep the current flowing. It's that simple.

Had I invented the game of MONOPOLY, I think I might have made the "Electric Company" the major ploy: He who owns the "Electric Company" can never go broke. The "Banker" (the player with either the highest trust rating or the sneakiest) would always cover any loss incurred by the "Electric Company's" owner. Were he to land on "Park Place" with a big red hotel thereon, the "Banker" pays the tariff. Were he to pick a "Community Chest" card calling for "Road Repairs," it's the "Banker" who puts out.

That beats "New York Avenue, Tennessee, and St. James "every time!"

Eason Cross, Jr., FAIA

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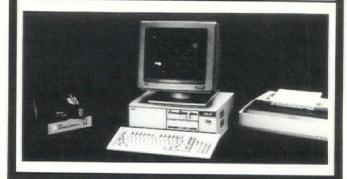
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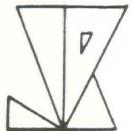
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#### **ENTRY-GUARD SECURITY SYSTEMS**

by Marvin J. Cantor, AIA

#### Preservation, Adaptive Re-use — A New Appreciation

We hate to admit it! Tom Wolfe and his scathing denunciation of contemporary architecture in his top selling "From Our House to Bauhaus," has become an anathema to the majority of today's architects. "Less is More" the Miesian axiom many of us grew up with is still at the top of many architects' design credo. But hark! What's this on the horizon?

Philip Johnson's glass boxes and joint efforts with Mies van der Rohe on the Seagram Building are now evolving into the Chippendale AT&T New York headquarters building and the Pittsburgh Plate Glass pinnacled office cathedral.

Michael Graves' stupefyingly ornate Portland City building seems to have initiated a so-called "Post-Modernism" style, while 1920–1930 Art Deco with its stylized ornamentation is in the midst of an unprecedented revival.

The Helmsley Palace Hotel in New York makes its grand entrance via the restored Villard Mansion. Cairo's new Marriott luxury hotel is built around a highly ornate old Egyptian Palace on an island in the River Nile.

These are not isolated individual unique cases without any general trend to be observed. No

indeed! What we seem to be seeing is a grudging acceptance and admiration for the older designers who could stylize the wrought iron gates around a building, the beautifully carved wood paneling, sculptured stone facades, and ceramic tile silk screened decor. We (that is, the "informed culturally enriched architect") no longer look down our noses at the older traditional styles or artificially embrace those cold clinical boxes when an inner sense keeps saying "are they really on the same par as the Palace of Versailles or the Taj Mahal?"

What we seem to be saying is, "decoration is not necessarily corny, hokey or outdated . . . it may even be beautiful!"

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# Investment Tax Credit Program — Invaluable to Virginia's Revitalization

By Dianne Pierce, Tax Act Coordinator Virginia Division of Historic Landmarks

Since 1976, the federal Investment Tax Credit program for rehabilitation of historic buildings has been an invaluable component in the revitalization of many of Virginia's historic resources. This program gives an income tax credit of 25% of rehabilitation costs for qualifying buildings listed individually on the National Register of Historic Places, or included as a contributing structure in a National Register Historic District. The tax credit has meant, in many cases, the difference between an economically viable and profitable project to rehabilitate an old building, and a project that no savvy developer would consider. The tax credit has made rehabilitation as fiscally attractive to investors as new construction, with the result that much of Virginia's architectural heritage is being preserved and reused. Individual investors are not alone in benefitting from the program by receiving substantial income tax credits; whole communities benefit from a revitalized stock of historic buildings.

Before the advent of the tax credit, many historic buildings faced an uncertain future. Between the urban renewal programs which cleared large portions of Virginia's urban fabric

Rotunda—Hotel Jefferson (Reproduced from the Collections of the Library of Congress)

and the high cost of rehabilitation, old buildings were of interest only to those few who appreciated their historic or architectural merits. The tax credit program has meant not only the continued existence of many of these buildings, but their adaptive reuse and continued vitality as well. Because the tax credit has made historic rehabilitation economically competitive with new construction, many developers can now opt for rehabilitation for the following reasons: central location; proximity to supporting services and businesses; and last but not least, the charm, character, and community association which an old building possesses.

As a result, many of Virginia's central business and residential districts are being revitalized. In Richmond's Shockoe Slip, a group of underutilized but architecturally handsome warehouse buildings has been rehabilitated under the tax credit program. With the city supporting the efforts with street improvements and better lighting, Shockoe Slip is a vital area of shops and restaurants with a strong community identity. In Staunton and Lynchburg the tax credit has spurred the rehabilitation of several very large houses, obsolete as single-family dwellings, but ideal for inns, shops, offices, and apartments. In Fredericksburg, the tax credit has brought about the revitalization of Caroline Street, the main commercial thoroughfare of the city and the focus of its historic district. These are only a few of the areas which have experienced rapid and extensive redevelopment largely due to the Investment Tax Credit program.

The program is designed to breathe new life into vacant, decaying, obsolete, or otherwise undesirable historic buildings through rehabilitation and reuse. At the same time the program is concerned with the important qualities of the historic buildings, and seeks to ensure that those character-defining features are not lost as a result of rehabilitation. In order to provide consistency in the review of tax credit projects, to codify acceptable means of modernization, and to balance modern usage requirements with the preservation of historic character, the Secretary of the Interior's Standards for Preservation Projects were developed. These ten standards are broadly enough defined to include the myriad problems and issues raised in each rehabilitation project across the country. Because of their all-encompassing nature, the Standards are open to interpretation.

The interpretation of the Standards and their application to rehabilitation projects is the task of the Virginia Division of Historic Landmarks and the National Park Service. Together, the two agencies decide which projects have successfully rehabilitated a building while leaving the historic character intact and therefore are eligible for tax credits. Figures show that over 90% of all rehabilitation projects reviewed by the National Park Service are certified for tax credit.

Since the beginning of the program in 1976, the Division of Historic Landmarks has reviewed a total of 531 rehabilitation projects, as compared with over 7,510 nationwide since 1976. 1983 saw a peak in Tax Act activity in Virginia, with 131 projects that year alone. Many of the projects hae been in Richmond, possibly because Richmond has several large historic districts, in addition to many individually registered buildings. Charlottesville, Fredericksburg, Alexandria, and Staunton also have large historic districts and thus are areas of very strong Tax Act activity. Although the majority of projects have been in Virginia's cities, there are also an increasing number in rural areas and small towns. As more and larger historic districts are placed on the National Register, the number of buildings which could be eligible for tax credits increases.

The total dollar investment in the program nationwide since 1976 is almost \$5 billion. In Virginia alone, the tax credit has meant a private investment in rehabilitation amounting to \$204 million. Again, 1983 saw the largest dollar amounts invested under the program, with several large-scale projects, including the Jefferson Hotel and Main Street Station projects, both in Richmond, reviewed in that year. Most rehabilitations have comparatively low budgets; rehabilitations under \$100,000 on small commercial and residential buildings predominate.

The program has meant the creation of over 2,100 new housing units in Virginia, many of which have been for low- or moderate-income families. In addition, over three-million square feet of new commercial space has been created under the program. New housing units and commercial square footage have been created out of previously unused or under-used warehouses, schools, churches, and factories.

The Tax Act program has generated many success stories involving satisifed owners, architects, tenants, and community citizens, all of

whom have benefitted from the rehabilitation of an historic building. Few rehabilitation projects have excited as much interest as the Jefferson Hotel in Richmond. This \$32 million rehabilitation will return the hotel, once the most elegant establishment in Richmond, to its former grandeur. The major spaces of the hotel, including the Palm Court (with brass alligators occupying the pits instead of the former live ones), the Rotunda, and the main dining room are being retained in their original forms, with finishes such as marble, gilding, plaster, wood, and scagliola being cleaned and repaired. The guest rooms are undergoing refurbishing, with the major suites retaining their original trim, panelling, and mantels. The new hotel will be a highly visible example of the impact of the tax credit on a decaying building. When finished, the Jefferson will be an important addition to the historic buildings of Richmond which are being reused through the Tax Act program.

Another important Richmond landmark undergoing rehabilitation as a Tax Act project is Main Street Station. The train shed is a National Historic Landmark due to its construction; it is one of the last gable roofed sheds and one of the earliest examples of the riveted steel rigid truss construction. The imposing French Renaissance style head house will be used as an elegant restaurant and the train shed will enclose a shopping mall. The shed, although it will now have walled sides, will retain its sense of openness, and the imposing steel framework will still be visible throughout most of the building. The roof of the head house, which burned in the fall of 1983, is being replaced with tiles (made by the manufacturer of the original tiles) which will exactly duplicate those that were destroyed. Main Street Station is the nucleus of a largescale Tax Act rehabilitation, designed by the same firm as nine other buildings, called the "Market Slip" development. These buildings will have a combination of uses, mixing retail, residential, and office space. All of this spells revitalization for the Shockoe Valley, which is an area with a fine but under-used and decaying stock of 19th and 20th century buildings. In addition to the Market Slip development and Main Street Station, several other warehouses and commercial buildings in the Shockoe Valley Historic District are being rehabilitated through the tax credit program.

In Norfolk a very painstaking Tax Act rehabilitation was completed on the Old City Hall. This newly rehabilitated building (see front cover

and story in this issue), which is important in downtown Norfolk as one of the few buildings to survive 1960's urban renewal, is now occupied as luxury office space. The space of greatest architectural significance on the interior is the spectacular atrium, which was retained as circulation and reception space. On the first floor, the central space has been enclosed by a glass partition which creates separate tenant areas without interrupting the spatial quality of the room. The rehabilitation was particularly attentive to the replication of finishes and fixtures.

The Baker House in Winchester, home of the Baker chocolate family, is typical of the large residences frequently rehabilitated under the Tax Act for use as offices and apartments. The Baker House project was unusual, however, in the owner's care and willingness to go the extra mile (sometimes literally) to find the very best craftsmen and materials. Parquet flooring, cherry panelling, plaster cornices, and wood columns were repaired and spot-replaced as necessary with incredible skill and precision. The result is a house which was formerly a white elephant but is now a showplace of 19th and 20th century craftsmanship. It is this type of rehabilitation, which not only retains, but actu-

ally restores, character-defining features, that makes the program so worthwhile.

The projects are but a few of the notable current rehabilitations which will receive the tax credit. All over the state, individually significant buildings like Portsmouth's Seaboard Building, Huntley in Fairfax County, and the Boxley Building in Roanoke, are being reused, usually with a spectacular transformation from down-at-the-heels to elegant. The rehabilitation of individual landmarks such as these comprise the most visible projects, but the heart of the tax credit program lies in small-scale rehabilitations of vernacular buildings which are contributing members of historic districts. This type of project constitutes the majority of those which receive tax credit.

At this time, President Reagan has proposed eliminating the program. It is not clear how Congress will act on this proposal. It is certain, however, that if the Investment Tax Credit is eliminated, the volume of historic rehabilitation will be slowed to the trickle it was before the program existed, which would be to the great detriment not only of the buildings themselves, but to all the cities and towns of Virginia as well.



Rendering of rehabilitation of Richmond's Main Street Station.



Mr. Jefferson's Poplar Forest

#### Jefferson's Skylight at Poplar Forest

By Robert H. Garbee, A.I.A.

Thomas Jefferson was interested in the use of natural lighting, not only in its practical aspects, but also as a design element. The multiplicity of skylights at Monticello, the skylight at Poplar Forest, and the ultimate central skylight of the Rotunda as the focal point of the University of Virginia attest to the interest in the subject which Jefferson had throughout his architectural career.

Jefferson, as a child of the Enlightenment, appreciated the philosophical statement made by the construction of his intellectual retreat. The Marquis de Chastellux said of his friend that, "Mr. Jefferson is the first American who has consulted the Fine Arts to know how he should shelter himself from the weather."

The skylight over the central room at Poplar Forest, coming at a time when Jefferson had reached the peak of his architectural maturity, is especially significant. Poplar Forest represented the embodiment of his ideals based on

the observations of his travels and his study, in-depth, of the rules of architecture which he had pursued with great interest since his early youth. The significance of the example at Poplar Forest is heightened by the extensive documentation provided by Jefferson's own written instructions.

Jefferson's interest was all encompassing. No detail escaped his attention. His letter of June 1807 to James Dinsmore describing the construction of the skylight and the flat roof over the hall at Poplar Forest contained marginal detail sketches and was as explicit as many plans and specifications for residential construction today. (see illustration)

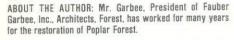
On the construction of the roof it reads, "For the flat roof over the hall at Poplar Forest, let the skylight run from east to west 16 panes long and only the length of 2 panes wide. Groove the upper end of the pane ½" into the ridge bar and let the lower end lap 1" on the lower bar. The ridge bar of the sash (if in one piece) must be 2" square, but if in 2 pieces they must be 1" x 3". The square, but if in 2 pieces they must be 1" x 3". The style of the sash 4" wide, the other style of the sash 4" wide." Jefferson's own drawing is a section for the sash with rabbets or grooves cut into it to receive the glass.

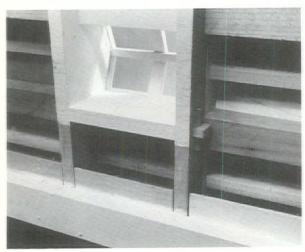
He goes on, "For the frame, lay 2 girders 10 x 4

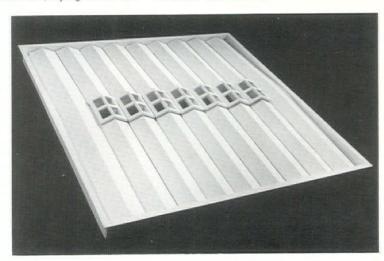
inches across the wall from east to west. Let them be 32½" apart and project 3" beyond the walls, tenon 2 cross trimmers into these girders 8'-2" from the center. The clear opening of the skylight will then be 16'-4" by 32½". The inside faces of these girders and trimmers must be planed. On the north and south sides of these girders lap on gutter joists dovetail. These gutter joists must project over the walls 2". They are 10" by 8" admitting gutters 4" wide and 2" inside margin. They will be 29½" from center to center. Then on these two girders lay two others 4 by 6 inches. From each corner of the skylight to the corresponding corner of the wall lay on a hip ridge rafter and from these hips and the trimmers lay rafters toward east and west ...."

The brilliance of Jefferson's design concepts and his rigid attention to detail did not make him immune from the forces of nature or the laws of gravity. John Hemmings wrote from Poplar Forest in September 1817, "The flat roof over the hall leaks very bad. Sir, remember that the bottom of the gutter joist is level on the underside and now is swagged from 2–3" in the center and I think the water will make its way to the lowest place."

Perhaps the damage was extensive or perhaps Jefferson was following his inclination to make







for the flat roof over the Hall at Poplar Forest.

let the sky-light run from East to West. 16. panes long.

and only the length of 2. panes ride.

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They will be 29 = 1. from center to center.

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slop both ridge & gutter joists from end to end 6.9.

from each corner of the skylight to the corresponding corner of the wait, lay on a hip-ridge-rafter, and from
these hips & the trimmers lay rafters towards East & West.
on the North & South ends the rooflets are to be.

the moulding which masks the ends of the rooflets is to be nailed to the ends of the ridge joists, which projecting 1. I. more than the guttur joists, leaves space for the water to pass off.





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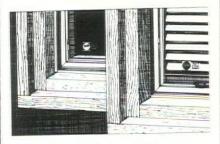
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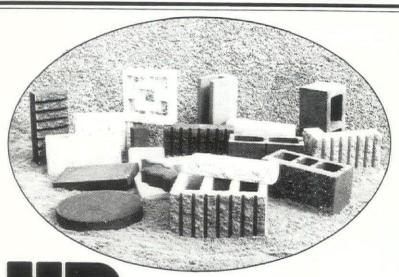
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improvements when he wrote in 1819, "I am making a change in my central room here which requires the plastering of the ceiling to be done anew..." The alterations to the skylight were not successful, for in November 1819 John Hemmings again reported extensive leaks during a heavy rain.

Poplar Forest is Jefferson's ultimate statement on domestic architecture. The house plan was centered on the dining room, a perfect cube, illuminated by the skylight. Grouped around the dining room were four equal octagonal rooms, one of which was divided by a passage which led from the entrance door to the central dining room. The octagonal room on the south served as the drawing room and opened onto a portico identical to the entrance portico on the north, with the exception that the southern portico was raised one level above the sunken terrace.

The remaining rooms on the main floor were bed chambers. The bed chambers on the east and west sides of the dining room contained alcove beds, open on each side like Jefferson's bed at Monticello. Small stairways adjacent to the bed alcoves on the east and west sides of the house provided service access.

Jefferson's interest in natural light and his refined use of skylights was without parallel in American architecture. The existing skylights on Jefferson's Monticello and the Rotunda at the University cause the spaces to exhibit changes in appearance and mood, otherwise unobtainable. The skylight, creating a centralized light open pavilion, will be the major point of interest for visitors when Poplar Forest is restored and opened to the public.



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#### VIRGINIA SOCIETY AIA ANNUAL MEETING

#### Norfolk

#### September 27, 28 and 29, 1985



James E. Gehman, Chairman of the Fall Meeting Committee, shown performing introductions at the Awards Dinner.



E. Bradford Tazewell, Jr. was Chairman of this year's Honors Committee.

Hurricane Gloria certainly did not dampen the spirits of the attendees at the VSAIA Annual Convention held at the Omni in Norfolk on September 27–29.

The weather was perfect, the hotel service was excellent, and the exhibits, which displayed new products and services, provided meaningful learning opportunities. Friday night's reception-cruise down the Elizabeth River aboard the "Carrie B," was relaxing and fun, with plenty to eat and drink.

John Busby, FAIA, National's incoming president, kicked off the theme "Excellence in Architecture," Saturday morning as planned. The seminars were well attended and received rave reviews. Peter Piven and Hugh Hochberg from the Coxe Group gave practical advice on how to maintain excellence in practice, at the Saturday morning sessions. National speakers, representing a variety of firms from the East Coast, dis-

cussed excellence in design Saturday afternoon. Gene Kohn, from Kohn Pederson and Fox, George Hartman, from Hartman-Cox, and Anthony Ames from Atlanta, all shared their views on what constitutes good design work in small, medium, and large size firms.

Attendance was high at the Noland Award Dinner Saturday night to honor "Pete" Anderson, recipient of the William C. Noland Award, the highest honor Virginia Architects can bestow upon one of their peers. Several others in the profession and related fields were also honored.

Carl Cress, Jr., James Hall, III, and Frank B. Poole Jr. were honored by their peers for their devotion and outstanding service to the profession, as recipients of Distinguished Service Awards. Leslie Cheek, Jr. received the highest honor awarded to a non-architect, The Architectural Medal for Virginia Service.





LEFT PHOTO: Shown at the Registration and Information desk (foreground, I-r) Ellen Cantor, Executive Secretary, NOVA/AIA, Helen Cougill, Director of Administration, VSAIA, (standing, I-r) Gerry Ernest of The Society of Architectural Administrators, and Barbara DeGennaro of VSAIA, who was in charge of the exhibits for the convention. RIGHT PHOTO: Members of The Society of Architectural Administrators pitched in wherever needed to help keep things running smoothly.



Edward R. Roehm, Tidewater Va. Chapter AIA President, and his wife Frances, aboard the "Carrie B.

Dr. George Shackelford and Alfred E. Abiouness received Allied Professions Awards for outstanding contributions to the profession in structural engineering and historic preservation. Norman Y. Chrismore of Snow, Jr. & King, Inc., Norfolk and Leonard Muse of Fabricated Metals Industries, Roanoke received Craftsmanship awards for outstanding work in masonry and metalwork, respectively.

To cap off Saturday evening, guest speaker David H. Maister, a leading authority on the management of professional service firms, gave an enlightening dinner talk which addressed the relationship between the architect and client.

Everyone should have been there. However, you still have next year to look forward to. Put October 17-19 on your calendars now for the 1986 Annual Convention, to be held at the Richmond Marriott. Hope to see you there!



The exhibits were impressive and informative.



President-Elect, William C. Monroe and his wife Nancy obviously enjoyed the Reception Cruise aboard the "Carrie B.



Value Architecture AIA 85



Seated at the head table, E. Bradford Tazewell and his wife found a moment to chat with Noland Night Speaker David Maister and his wife, during the awards dinner.



Members gained added insight into the meaning of "Excellence" through attendance at the various seminars.

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#### Commitment to Architecture and Professional Service

Keynote Address by John Busby, Jr., FAIA, Incoming National AIA President

Commitment to Architecture and Professional Service, is something that is important to me both as a practicing architect, and as the First Vice President of the American Institute of Architects. This is a subject that the AIA is looking at very closely. We're reviewing, we're analyzing, we're planning. And most important of all, we're making a commitment to improve.

The subject is SERVICE—the unique service that architects provide to clients, to the public, and to the future of our nation. We have chosen this profession as our vehicle for combining our talents, our skills, and our imagination to create a better environment.

When we made that choice, we inherited an enormous responsibility. The responsibility to serve. To serve our clients by creating the services and designs they need. By giving them the very best for their money—the best possible design; top quality materials; superior craftsmanship; a schedule that is met; and a budget that is left intact.

We also have the responsibility to serve the public in every job we do. When we design for a client, we must remember that we are also designing for the public. Our work is going to become a part of the visual environment. It must serve the people who are going to live in it, work in it, or study in it. And it must also serve the people who are simply passing by it. Because it is also going to become a part of their environment.

So as we think about service, we must remember that our service is a comprehensive concept. And at the core of that concept is what is and always has been the mission of the architect. That is to improve the quality of life for all people. Our goal must always be **DESIGN EXCELLENCE**. We must create quality design that brings delight to all who come in contact with it.

Our mission is design for people. We must build architecture that enhances the lives of those it touches, all of those it touches. We must never lose sight of the fact that our work becomes a part of our environment; of our future's environment. Our creations become a part of the city-scape, or of a country meadow or hillside. And chances are, that work is going to be around for quite some time. The buildings we create today

will be seen and used by our children and their children; by those who are our nation's future.

Our architecture creates value. It expresses the hope and desires of a community. People value architecture and appreciate the role it plays in their lives, and we have found that the public expects value from architecture. They are becoming more aware of their environment, and they want to be involved in the design process.

We must never lose awareness of the fact that the service we provide our clients today, is a service we are providing the future generations of our nation.

That is why the American Institute of Architects is focusing so closely on the service our profession provides, both to the present and the future. We must strive to guarantee that the buildings we design *now* will serve the changing needs of our society.

We're looking at the shifting demographics of our nation's populations, and at how these changes will affect the service we provide. We know that our population is getting older. Our health care needs are changing. Our cities exist without planned purposes. Our environments have changed rapidly, ignoring the quality of life. Our economy is moving from an industrial to a service-oriented base.

We're asking how all of this is going to impact the direction of architecture. We're asking how well-prepared are we to respond to our nation's changing needs. And, we're asking how the AIA can better serve architects, so architects can better serve America, both today and tomorrow.

We're also looking for ways that we as a profession can help solve some of our nation's most persistent problems. We believe that our commitment to service must never overlook those who are in the greatest need. We must do our part to alleviate some of our society's most pressing problems . . . problems such as housing the homeless; housing the new family structure; creating new educational environments; improving health care facilities for an expanding society; regeneration of our urban communities; seeking architectural solutions that meet judicial requirements; finding more efficient solutions to preserving our great historic structures and saving the character of our neighborhoods.

We have expanded rapidly without concern for our environments or challenges to our elected governments to seriously plan for our future. The infrastructures which are necessary to support the quality of life we seek are becoming disappointingly inadequate.

These charges may sound overwhelming, but they are the inherent responsibilities of our chosen profession. We have a tremendous job before us—a RESPONSIBILITY—that is ours, and one that we cannot overlook.



John A. Busby, Jr., FAIA

We also believe that the best place to start this job is in our own back yard. Just as we have looked outward at the services our "noble" profession provides the client, the nation, the future, so have we looked inward, at the services the Institute provides architects.

The design and construction process is complex and the public lacks knowledge and comprehension of its complexity. Our elected officials doubt the importance of design and planning or the need to understand how significant changes in community zoning and development affect the very quality of a community's existence.

If we are to be held accountable for the buildings that arise from our design, then we must have a voice in the construction process. The Institute stands behind this and is working to make certain that architects are involved throughout the design and construction process and post-occupancy evaluation.

We are doing all of this with one ultimate purpose constantly at the forefront of our efforts. That is serving America's architects. But more important, helping the profession provide the very best service to our clients, to our nation, to our future.

There is no question that our future holds some intensely competitive times for architecture. The highest quality service will be absolutely

ABOUT THE SPEAKER: John F. Busby, Jr., FAIA is executive vice president/secretary of the Atlanta, GA firm Jova/Daniels/Busby Incorporated. He received his B.S. and B.Arch. from the Georgia Institute of Technology. Busby has been president of both the Georgia Association/AIA and the Atlanta Chapter/AIA. In 1983, Busby was a national vice president of the AIA and chaired the Institute's Design Commission. From 1980 to 1982, he represented the South Atlantic Region on the Board of Directors. He has been an active AIA participant for more than 20 years.



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15001 Midlothian Turnpike Midlothian, Virginia 23113 (804) 794-5016/648-3306 essential. The changes in our society will inevitably present new challenges in our work. We must anticipate these changes. We must position ourselves to be responsive to our evolving environment.

That is precisely why the Institute is working now to ensure that our profession is wellequipped to meet the challenges we face ahead.

Jose Luis Sert, FAIA, 1981 Gold Medalist said: "Let those who will see the last years of this century and the dawn of the next realize the magnificent challenge that they will have to face. A challenge much greater than that of my generation in the first half of this century. They will have their hands full with the task of integrating and coordinating the old, the actual, and the new, and re-establishing a lost sense of human measure and balance."

Architecture is what we are about. It is our devotion, it is our service. It is exciting! It molds the character of our environment. It grows from the heart and soul of people who give it life. It expresses the spirit of society.

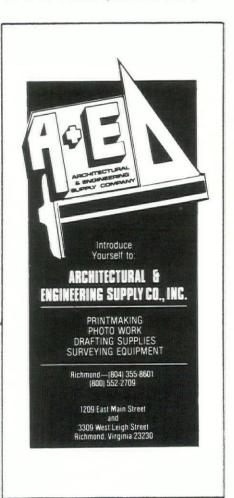
As architects, we have an *immense responsibility* to the society we serve. We have the potential. We have the vision. What architecture needs now is those individuals ready to commit to its future, to its diversity, and its challenges. We need people to achieve and secure the profession's foundation for the 21st century. That is exactly what we, the American Institute of Architects, are doing right now. Securing the future of architecture, and making the profession of ever-increasing service to society.



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#### William C. Noland Award Goes to Anderson

On Saturday, September 28, 1985, Samuel A. "Pete" Anderson III joined an impressive group of his peers as recipient of the 1985 William C. Noland Award.

#### AWARD BACKGROUND

The William C. Noland Award is the highest honor the Virginia Society of the American Institute of Architects can bestow.

The Award was established in 1967 by the Executive Committee of the Virginia Chapter, AIA to honor the memory of William C. Noland, FAIA, of Richmond, who was one of the founders of the Chapter, served as the second Chapter President, and was its first member to be elevated to the College of Fellows.

The award, in the form of a bronze medal and a certificate, is limited to a maximum of one recipient per year and is not awarded every year. Anderson becomes the 17th recipient since the award's creation in 1967.

#### THE RECIPIENT

Samuel Armistead Anderson III is a principal and design studio chairman at Glave Newman Anderson, Architects, a 45-person firm in Richmond specializing in adaptive reuse, interior design and commercial work.

Long active in the AIA, Anderson served as president of the Virginia Chapter's Richmond Section in 1969, and was the Virginia Society's president in 1979. He represented the Middle Atlantic Region on the National AIA Board of Directors from 1981–1984; his present national responsibilities include membership on the Ethics Task Force, the Interiors Committee, and the Design for Aging Task Force.

He earned his Bachelor of Arts from the University of Virginia and his Bachelor of Architecture (with major honors) from the University of Pennsylvania in 1961 following a three-year tour as a naval officer.

He was studio critic for the University of London's Bartlett School of Architecture in 1964–65 and visiting professor of architecture at UVa in 1977.

In community activities, Anderson has been chairman of the Chesterfield County Red Cross and president of the Richmond Urban League. He was president of the United Way of Virginia in 1983–84 and is currently on the Board of Directors of the United Way of Greater Richmond, the Central Richmond Association and the YMCA of Greater Richmond.

His wife, Allie, is a research biologist in immunology at the A. H. Robins Company. They have two married daughters, and two daughters still at home.



VSAIA President, Richard L. Ford (left) congratulates "Pete" Anderson after presenting him with the prestigious Noland Award. Adding their applause in the background are Mr. Ford's wife, Sarah, and Lynn Hudson, Executive Vice President, VSAIA.

The certificate presented to Mr. Anderson read:

The Virginia Society

American Institute of Architects
is privileged to present to

Samuel Armistead Anderson, III

American Institute of Architects

the

#### William C. Noland Award

- \* For distinguished service as a Virginia architect who has exemplified his dedication to the advancement of architectural excellence and to our profession at the national, regional, state and local levels;
- For outstanding leadership as a diplomat and architect, recognized both at home and abroad through numerous awards, as manifested by his receiving the Virginia Society Distinguished Service Award and serving on the National Board of Directors;
- $\star$  For contribution to the profession by authoring and presenting major progressive concepts which have defined new directions for historic preservation, housing for the aging, and interior design; and
- \* For active involvement and service to the profession through his work on the AIA Ethics Committee and as Commissioner for the AIA Interiors Committee,

His Virginia colleagues salute him for his achievements and join in honoring him for his many contributions here in the Commonwealth and on the national scene.

1985

and was signed by the President and Secretary of the Virginia Society, AIA, September 27, 1985.

#### Forming the New 'AIA Region of the Virginias'

By Paul H. Barkley, AIA

At its annual meeting held December 5 through 7, 1984, in Washington, DC, the Board of Directors of the American Institute of Architects adopted a motion to accept the recommendation of the Virginia Society/AIA to establish a new "Region of the Virginias" of the Institute. The proposal, presented by AIA Regional Director and former Virginia Society President (1979) Samuel A. (Pete) Anderson III, was approved without a dissenting vote.

This action culminated a year of intensive efforts commenced at the grassroots level within the local AIA chapters in Virginia. The concept of a new region was embraced by the Virginia Society/AIA Board in June 1984. During the summer, the Society undertook a major drive to solicit support among all affected components in the Middle Atlantic States Region.

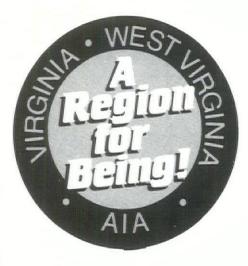
The Virginia Society's executive vice president, Thomas L. Osborne, CAE, in consultation with the Society's executive and planning committees, drafted supporting data for realignment of the region—draft by-laws and petitions in support of creating the new region. A flurry of communications, personal visits and meetings ensued. At a special meeting of the Mid Atlantic Regional Council in Wintergreen, Virginia, on September 14, 1984 (held in conjunction with the Interface I Symposium), a majority of the region's components executed petitions to the Institute Board supporting the establishment and chartering of a "Virginia Region."

The Institute Board accepted the petitions at its October meeting and referred the matter to the AlA's Governance Task Force, Membership Services Commission, and the Secretary's Advisory Committee, requesting their consideration prior to the Board's annual meeting to follow in December. During this period, the interests and concerns of the West Virginia Society of Architects were fully explored. As a result, revised petitions incorporating West Virginia and Virginia into a proposed "Region of the Virginias" were eventually adopted and forwarded to the Institute Board.

The revised petitions and other supporting statements were received in time for the Institute Board to act favorably on the request at its December 1984 meeting. The effective date for commencement of the new region was set for December 6, 1986, coinciding with the Institute's annual meeting that year and with the expiration of the term of office of Senior Mid Atlantic Regional Director Leon Bridges, his seat on the Board being transferred to the new region on that same date.

Since the Institute approval, work has proceeded on organizing the new region. Plans call for the Region of the Virginias/AIA to be fully operational and headed by its own elected regional director on December 6, 1986. To meet this goal, a provisional Virginias Council was formed in May 1985. Membership on the council was established on the same basis as set forth in the region's draft by-laws. Junior Regional Director Robert Calhoun was named provisional chairman and Daniel L. Hart, the West Virginia Society of Architects' 1986 president, provisional vice chairman.

The group has scheduled a series of organizational meetings, undertaken the establishment of a "Virginias Council," and taken under advisement the adoption of proposed by-laws and



amendments suggested by the Institute. In addition, the process for nominating and electing the first regional director has begun. The election is set for the provisional council's last meeting scheduled in conjunction with the Virginia Society/AIA's 1986 annual convention, October 16 through 18, 1986 in Richmond.

The grassroots efforts that led to the creation of the new "Region of the Virginias," grew out of discontent among the Virginia components of the Middle Atlantic States Region. Members had expressed deep concern regarding the purposes of the regional body. Despite valiant efforts in previous years to organize meaningful activities and programs for the region, it became increasingly evident that the Virginia Society was

assuming too great a responsibility in regional activities and thus diminishing its own resources for carrying out its programs.

To components outside Virginia, the regional design awards program and exhibitor sponsored meetings were major attractions; but to Virginia components, the regional schedule became an unnecessary duplication of successful local and state activities and thus their interest in the region waned.

In April 1984, this writer, then president of the Virginia Society, wrote Regional Director Leon Bridges of this growing concern among Virginia architects. The regional design awards program, the letter asserted, was a redundant exercise — yet another award by architects to architects for the same projects, serving only to diminish the importance of the honor. In addition, many felt that there was no real need for an additional layer of AIA activities, and their requisite administrative support, in a schedule already crowded with chapter, state, and national programs.

It was the Virginia Society's "White Paper," first drafted by Tom Osborne in July 1984 and revised several times prior to its final form, dated 2 October 1984, that set forth the purposes for creating a new region. The foremost reason was to enhance the communication between the Institute and its individual members. This was to be accomplished, the paper stated, by establishing a region, in size, that would be more accessible to a regional director as well as by creating a region with a strong sense of common purpose.

By conducting regional affairs in conjunction with Virginia and West Virginia Society Board meetings, a "layer of bureaucracy" will be eliminated, volunteer time in pursuit of regional goals can be more efficiently utilized, and the regional director, as a regular attendee of the board meetings, can devote more attention to the interests of the membership, the report further stated.

To many, the creation of the new "Region of the Virginias" is a natural outgrowth of the progress made by the Virginia Society/AIA since its inception ten years ago. The Virginia Society has built a strong organization supported by a talented and aggressive staff and an exceptional cadre of experienced volunteers. The Virginia Society is on firm financial ground and has good momentum for taking on the challenges of tomorrow. With the achievements of the past and the extensive resources of the present, the new "AIA Region of the Virginias" can look forward to being a significant force in charting the future of the profession and the American Institute of Architects.

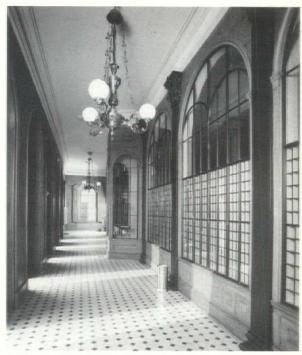
HISTORIC EXTERIOR RESTORATION OF FORMER JEFFERSON COUNTY COURTHOUSE for Shepherd College, Shepherdstown, WV STOWELL & HART, Lewisburg, WV, Architect JOHN ROBINSON, INC., Winchester, VA, General Contractor DANIEL L. HART, Lewisburg, WV, Photographer

ONE BRIDGE PLACE, Charleston, WV, Adaptive Re-Use ZANDO, MARTIN & MILSTEAD, INC., Charleston, WV, Architect CARLTON, INC., Charleston, WV, General Contractor CONTEMPORARY PHOTOGRAPHICS, Charleston, WV, Photographer

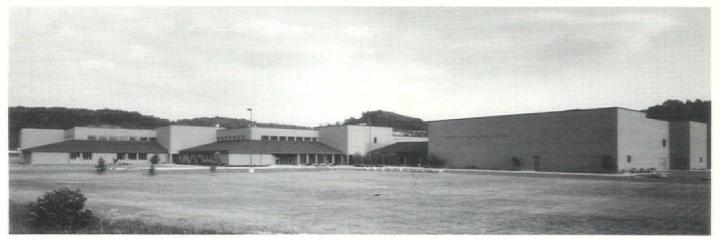
#### West Virginia Society of Architects, AIA AWARDS PROGRAM—1985

Designs by four firms, as shown on this page, were chosen to be honored at the West Virginia Society of Architects' Annual Convention, December 7, 1985. Judges for the Awards Program were: Samuel A. Anderson III, G. Lawson Drinkard III, and Thomas A. Kamstra of the Virginia Society, AIA.

In conjunction with the formation of the new "Region of the Virginias," we are delighted to present these examples of award winning work by our fellow architects in West Virginia.



WEST VIRGINIA INDEPENDENCE HALL RESTORATION,
Wheeling, WV
TRACY R. STEPHENS, AIA, Architect, Wheeling, WV
ORIN M. BULLOCK, FAIA, Architect, Rising Sun, MD
Restoration Consultant
ENGSTROM & WYNN, INC., Wheeling, WV, General Contractor
RICHARD S. LEE, Charleston, WV, Photographer



PRINCETON SENIOR HIGH SCHOOL, Princeton, WV S E M PARTNERS, INC., Beckley, WV, Architect SHERMAN R. SMOOT COMPANY, Columbus, OH, General Contractor JADEL (John DeLong), Lansing, MI, Photographer

# NORTHERN VIRGINIA CHAPTER OF THE AMERICAN INSTITUTE OF ARCHITECTS

### 1985 DESIGN AWARDS

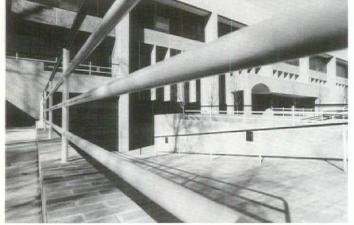


ECHOBROOK ADDITION, Potomac, MD Architect: Kerns Group Architects, P.C.

Washington, DC Owner: Name withheld by request General Contractor: George Magher Photographer: Alan L. Hansen

"The addition is very fanciful . . . in keeping with the architecture of the day."

the day.



ROCKVILLE CITY HALL, Rockville, MD Architect: Ward/Hall Associates, AIA

Owner: City of Rockville

General Contractor: Robert J. Henley Construction Co., Inc.

Photographer: Ira Wexler

"A very complicated problem . . . solved in a very professional way."



WESTWOOD BAPTIST CHURCH, Springfield Architect: Lawrence Cook AIA & Associates

Falls Church

Owner: Westwood Baptist Church

General Contractor: Eugene Thomas Construction, Inc.

Photographer: Jason Horowitz

"Small buildings of a human scale, appropriate for a suburban church."

THE AMERICAN TRUCKING ASSOCIATIONS HEADQUARTERS
Alexandria
Architect: VVKR Incorporated, Alexandria
Owner: American Trucking Associations, Inc.
General Contractor, Glen Construction Co., Inc.
Photographer: Doug Brown
"The point of the building . . . was the facade used as a very striking
billboard on the highway."



KIDDIE COUNTRY DAY CARE II, Burke Architect: Abrash Eddy & Eckhardt Architects, Inc. Great Falls Owner, Kiddie Country Day Care, Ltd. General Contractor: Falls Church Construction, Inc. Photographer: Jason Horowitz "Delightful."



DMV EXPRESS OFFICES
Architect: John B. Hankins, Dewberry & Davis
Fairfax
Owner: Va. Dept. of Motor Vehicles, Richmond
General Contractors:
Denton Construction Corp., for Fair Oaks & Springfield Malls
George Jensen, Inc., for Lynnhaven Mall
Photography: Ken Graham of James Ritchie Assocs.
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AN EVOLUTIONARY HOUSE 1985, Great Falls Architect: Robert Wilson Mobley, AIA Great Falls Owner/Contractor: Dan Baker, President, Sugaroak Management Photography: Jason Horowitz "Restrained good taste."



#### VIRGINIA SOCIETY AIA NEWS

#### CHAPTER NEWS

#### 1985 Grant Program \$ Go to James River Chapter

The 1985 Forum Component Grant Committee has awarded a \$1,600 grant to the James River Chapter, VSAIA. The October notification said the grant award was "to assist with 'Decade of Design-Architecture,' an architectural exhibition to be mounted in the Second Street Gallery.

The program is supported by a grant from the National Endowment for the Arts in Washington, D.C., a Federal agency, and is made possible through the cooperation of the Forum for Architecture.

National programs and events to develop public awareness and appreciation of design are the central focus of the Forum for Architecture Grant Program of The American Institute of Architects Foundation this year. The Foundation was awarded \$25,000 from the National Endowment for the Arts to sponsor programs, nationwide, developed by state and local chapters. VSAIA, and the James River Chapter in particular, can be rightfully proud of Virginia's share in this year's grants.

#### Northern Virginia Chapter Well Represented In First Fairfax County Exceptional Design Awards

The Fairfax County Board established the Annual Exceptional Design Awards Program to recognize and grant awards for exceptional architectural and site designs in the county

The Office of Comprehensive Planning, wih assistance from the Architectural Review Board and the Planning Commission, designed and implemented this program to promote the county's commitment to the pursuit of exceptional design in new developments and to encourage design professionals, builders and developers to strive to meet the county's high quality image in its living and working environments.

**JURORS** 

A panel of jurors was approved by the board at its meeting on March 25, 1985. They were: Mark R. Lewis, ASLA, Architectural Review Board. Chairman; Joanne J. Goldfarb, AlA, Northern Virginia Chapter, AIA; Badri Plaseied, AIA, Northern Virginia Chapter, AIA; Jon E. Baer, ASLA, Potomac Chapter of ASLA; S. Richard Rio, AIA, Fairfax County Chamber of Commerce; and William A. Klene, AIA, Fairfax County History Commission.

ENTRIES AND N. VA. CHAPTER AIA WINNERS A total of 58 entries were received and were divided into 10 categories. The jury selected four entries for honor awards, eight for merit awards, and eight for citations. Northern Virginia Chapter, AIA winners are as follows:

Honor Awards:

Dewberry & Davis, for Times/Journal Company Headquarters (Commercial, Office); Kamstra, Dickerson & Associates, Inc., for The Salvation Army Adult Rehabilitation Center (Institutional); Dewberry & Davis, for DMV Express Offices (Institutional); and Donald, LeMay & Page, for Concession/Restroom Complex-Occoquan Regional Park (Recreational).

Merit Awards:

Cross and Adreon Architects, for Howard House (Residential, Single-Family Detached); Beery, Rio & Associates, for Bowman Green (Commercial, Office); Ward/Hall Associates, AIA, for Building #1, Westwood Corporate Center (Commercial, Office); Abrash Eddy & Eckhardt, Inc., for Kiddie Country Day Care II (Institutional); and Lawrence Cook AIA & Associates, for Westwood Baptist Church (Institutional).

Davis & Carter, P.C., for Farm Credit Administra-tion (Commercial, Office); Strang and Samaha, AIA, for Benjamin Franklin Intermediate School (Institutional); Lawrence Cook AIA & Associates, for Burke Presbyterian Church (Institutional); Davis & Carter, P.C., for Terraset Elementary School (Institutional); and Lawrence Cook AIA & Associates, for Headquarters Addition for Northern Virginia Regional Park Authority (Recreational).

JURY COMMENTS

Members of the jury were impressed with both the number and the overall quality of the projects submitted in this first year of the design awards program. Looking ahead to next year and beyond, it is hoped that each successive jury has the opportunity to review increasingly more projects that are examples of clearly exceptional designs.

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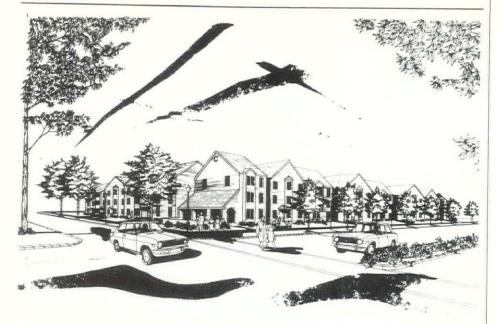
#### Kilmarnock Planing Mill, Inc.

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KILMARNOCK, VIRGINIA

#### CONSTRUCTION NEWS



Hague Club Apartments

#### Norfolk Architects Design New Medical Housing

Washington Associates, Norfolk, has announced that they have designed Hague Club Apartments, a new complex for the Eastern Virginia Medical Authority.

The apartment complex will consist of 82 units in one-, two-, and one-bedroom with a loft floor plans. Eastern Virginia Medical School (EVMS) medical students and Eastern Virginia Graduate School of Medicine (EVGSM) residents will primarily be occupants in the apartments.

Situated on the corner of Olney Road and Colley Avenue on the site of the old Hague Club, construction began in August, with completion expected around the middle of June next year. Construction will be done by a joint venture of Apex Building Contractors, Inc. and Richard Beach Builders, Inc.

According to Washington, "The complex will be a welcome addition to the community and, at the maintenance rooms.

The complex will blend well with the rest of the neighborhood, which is designed with the Old Norfolk Ghent flavor. The exterior will be wood and masonry. Surrounding grounds will be hedged and landscaped with shade trees. The parking area will be screened from the public

The \$2,316,000 project will be leased to EVMA which will in turn manage the property and rent apartments to students and staff associated with EVMA.

The architectural firm, Washington Associates, is a Norfolk based company founded in 1970 with a second office in Richmond.

same time, provide much needed housing." In addition to the apartments, the complex will house a community room with kitchen and bathroom; a landscaped terrace; a central laundry room; management offices; and storage and

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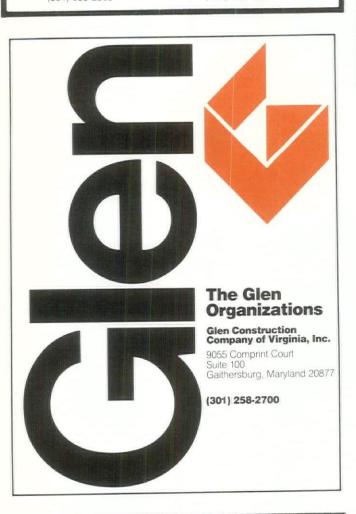
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#### INFORMATION AND SERVICES

#### 'CADD Assist' Consulting Service

Reg Narmour/The Architectural Group, which has an office in Washington, D.C., is offering a new consulting service designed to assist other firms with the implementation, management and use of computer-aided design and drafting systems.

The new service, "CADD Assist," is being directed by Kirk A. Bodick, AIA, a registered architect and manager of computer services for Reg Narmour.

"We believe there is a definite need in the industry for a consulting service such as CADD Assist," said Reg Narmour, president of Reg Narmour/The Architectural Group.

"Computer-aided design and drafting systems represent substantial capital investments for most architectural firms and it's important to have the right kind of assistance in selecting a system, in implementing that system and in

creating management and operational controls," he said.

Bodick, who earned Bachelor's and Master's degrees in Architecture from the University of Michigan, has worked with computer-aided design and drafting for more than 10 years. He has implemented CADD systems in two firms, including Reg Narmour.

"A CADD system has a tremendous impact on the daily operations of an architectural firm," Bodick said. "There are hundreds of questions that must be answered correctly if this impact is to be positive."

One of the most important of these questions concerns how people and machines can work together efficiently. "Our approach to computeraided design and drafting is people oriented," he said. "We want to help architectural firms make CADD systems the valuable tools they should be in the daily work of a firm."

CADD Assist services include:

- A general orientation to CADD, including the pros and cons of CADD, benefits and pitfalls.
- Evaluation and selection criteria for choosing a system, including financial considerations.
- Implementation, including management programs and methods for reducing the time needed for start-up.
- Trouble-shooting, including techniques for improving a system already in operation and for expanding services.
- · Seminars tailored to a firm's specific needs.

"CADD Assist offers two primary benefits," Bodick said. "It's consultation offered by architects to architects, so we're both speaking the same language, and it's consultation based on actual experience of a growing firm.

"We've been encouraged by the response so far and believe CADD Assist will prove to be a useful service to other firms," he said.

Reg Narmour/The Architectural Group is a major southeastern architectural firm headquartered in Charlotte, N.C. The firm has regional offices in Raleigh, N.C., Tampa, Florida and Washington, D.C.

#### PERSONNEL AND OFFICE ACTIVITIES

#### Two Hampton Roads Architectural Firms Complete Merger, Eye National Status

As a stepping stone to achieving their mutual goal of national prominence, Norfolk-based Hanbury & Company and Peninsula-based Evans Hudson Vlattas Architects, Inc. have completed a merger and are now operating as Hanbury Evans Hudson Vlattas & Company.

The new firm, headquartered in downtown Norfolk in the recently renovated Atlantic Building at 120 Atlantic Street, was created last summer following discussions that began in late 1984. The merger combines the 40 members of the two firms into one of the largest architectural and interior design firms on the east coast.

"This merger represents a tremendous first step forward as we position the firm for leadership in the architectural and design communities," said John Paul C. Hanbury, chairman of the Board of Directors. "It increases our size and combines each firm's areas of expertise into what we think is a very good and complementary fit."

According to S. Michael Evans, president, the merger has positioned the firm not only to better serve its broad base of clients in Hampton Roads and northeastern North Carolina but also to compete throughout the Mid-Alantic region and beyond.

Hanbury added that with the newly combined resources, all of the pieces are in place to create leading-edge architectural and interior design on a national scale.

Evans Hudson Vlattas Architects, Inc., founded in 1977, contributed to the new firm its expertise

in computer aided design and drafting (CADD), a direction Hanbury & Company had been exploring prior to the merger. The CADD system dramatically improves productivity and yields more accurate and legible construction drawings. Evans Hudson Vlattas serviced a strong corporate, developer and federal sector client base. The firm was responsible for the First National Bank of Poquoson facility, Winders Pond and Walden PUD's in York County, the \$7-million Naval Mine Engineering Complex at the Yorktown Naval Weapons Station and corporate expansions and renovations for Badische Corporation, Williamsburg.

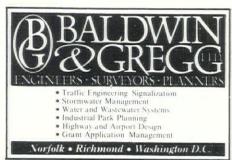
Founded in 1980, Hanbury & Company was widely known for an unusual combination of talents among architectural firms in that its extensive interior design capabilities enable a client to have a facility both designed and furnished by the same firm. The company main-

tained a balanced mix of public and private sector clients. Hanbury & Company was responsible for the Holiday Inn on Newtown Road in Virginia Beach, Mowbray Arch Condominiums in the Ghent area of Norfolk, the \$8-million Hofheimer Hall for the Eastern Virginia Medical Authority in Norfolk and the \$7-million "Pier" condominiums on Norfolk's waterfront.

Current projects being handled by the new firm include a \$25 million residential/marina complex known as Southall Landings on the Bay in Hampton, an \$11-million motel at Kitty Hawk, N.C., schematic design for a multi-purpose conference facility at Camp Chanco in Surry County for the Episcopal Diocese of Southern Virginia, and renovations to the Wells Theatre in Norfolk and a motel renovation at Winston Salem, N.C.

Principals in the firm in addition to Hanbury and Evans include C. Craig Hudson, Nicholas Vlattas, Daniel Bauserman, Donald Hirtz, James Gehman and Roger Newill.





#### Sanders Joins CEGG

Louis A. Sanders has joined the CEGG Partnership architectural department. The CEGG Partnership is a multi-disciplined architectural/engineering/surveying firm with offices located in Corporate Center Two in Virginia Beach.

Mr. Sanders holds a Bachelor of Architecture degree from Virginia Polytechnic Institute and State University and is a registered architect in the Commonwealth of Virginia.

Mr. Sanders was previously employed by Walsh-Ashe Associates, Inc., Virginia Beach, and Williams & Tazewell & Associates, Inc.,

Mr. Sanders' experience includes design of high-rise hotels, postal facilities, medical office buildings and stateside military construction projects.



Louis A. Sanders

#### Ms. Krause Completes Certification Requirements

Hanbury & Company, P.C., architecture and interior design, is pleased to announce that Eleanor F. Krause has completed the requirements of the Commonwealth of Virginia State Architectural Registration certification. During her time with Hanbury & Company, P.C. she has worked on a variety of projects including historic preservation, renovation/addition work to existing buildings, and new construction.

Ms. Krause is a 1979 graduate of the University of Virginia with a Bachelor of Science in Architecture degree and a 1982 graduate of the University of Florida with a Master of Arts in Architecture (majoring in historic preservation and design). She has been an active participant in the National Trust for Historic Preservation since 1980, as well as the Association for Preservation Technology. Currently Ms. Krause is the project manager on the renovation of the Wells Theatre project in downtown Norfolk, as well as



Eleanor F. Krause, AIA

various other architectural projects while with Hanbury & Company.

#### Fisher Reopens Own Office

James E. Fisher has announced that he is reopening his own office after several years with the firm of Chenault & Fisher.

This new enterprise will be called: James E. Fisher & Associates, Architects • Planners, and is located at Linden Towers Professional Building, Suite 307, 2nd and Franklin Streets, Richmond, Va. 23219. Telephone (804) 344-8200.

In addition to his new Richmond office Mr. Fisher will continue to operate his Waynesboro office which is located at: 200 A South Bayard Ave., Waynesboro, Va. 22980. Telephone (703) 943-9973.

#### Baskervill & Son, PC Elects New Officers, Adds Thirteen to Staff

Baskervill & Son, P.C., Architects and Engineers, has elected new officers. David C. Smith, AIA, a member of the firm since 1968, was named President. Other presiding officers include Irwin H. McCumber, P.E., Treasurer; Richard F. Rhodemyre, Jr., P.E., Secretary; Ellis R. Lowry, AIA, Executive Vice President; Richard H. Cardwell, III, AIA and H. Louis Salomonsky, ARA, Senior Vice Presidents, and Brent G. Farmer, AIA, Michael G. Nash, AIA, C. David Sands, Jr., AIA, and Bruce W. Tyler, AIA, Vice

Since the November 1984 merger with Tyler, Nash & Farmer, Architects, the 19-member firm has grown to 32 members. Additions to the team of Staff Architects include Sandra Armstrong. Kenneth B. Breeden, Mark S. Lindsey, and Robert

Mrs. Armstrong is a graduate of Goucher College with a degree in Architectural History. She attended the University of Virginia School of

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Graduating from Virginia Polytechnic Institute and State University with a Bachelor of Architecture degree, Mr. Breeden was previously with Huff, Morris, Cox & Associates, Inc. His past experience covers a wide range of architectural projects, from residential housing to commercial development.

Prior to his employment with Baskervill & Son, Mr. Lindsey was employed by SWA Architects, Inc. He holds a Bachelor of Architecture degree from Virginia Polytechnic Institute and State University and is the designer of the awardwinning Celebration Station Mall in Roanoke.

Mr. Mills was formerly with the office of Vlastimil Koubek, AIA, Architect in Washington, D.C., where he was involved in numerous commercial development projects. He is a graduate of Virginia Polytechnic Institute and State University with a Bachelor of Science in Agriculture and a Master of Architecture degree.

Joining the Engineering Department is James F. Miller, a graduate of Virginia Commonwealth University with an Associates degree in Mechanical Engineering Technology. Mr. Miller was employed as a building engineer with C & P Telephone before coming to Baskervill & Son.

Additions to the team of architectural technicians include Steven C. Morris, Frederick G. Langschultz, Steven C. Lawrence, and Todd Robinson. The Engineering Department has added two mechanical technicians, M. Lee Belcher, and E. Randolph Lowry, Jr.

#### Gentilhomme Joins DePasquale & Associates

DePasquale & Associates, a Richmond Architectural Firm, has been joined by Claude P. Gentilhomme, AIA. Mr. Gentilhomme, a 1972 graduate of Ohio State University, began practicing architecture in Boston, Massachusetts, after serving four years in the U.S. Navy. In January 1983 he relocated to Richmond to open a branch office for Beckstoffer & Associates, with whom he was associated for  $6\frac{1}{2}$  years.

While associated with previous firms, Mr. Gentil-homme was involved with a variety of projects which have provided him with a broad background on which to rely. Some of these included turning an abandoned brewery into a corporate office park; creating a contemporary, unified and progressive look for a large banking concern in the Bethesda/D.C. area; renovation of restaurants for a national concern; and developing new office buildings. On his own, he has done both consultation and design work in the area of upgrading and redesigning existing residences to meet the demands of contemporary life styles.

With DePasquale & Associates, Mr. Gentilhomme's principal duties will encompass con-



Claude P. Gentilhomme, AIA

trol of design and production, as well as participation in marketing activities for this rapidly expanding firm. Mr. Gentilhomme's marketing efforts will focus on intensifying the firm's current involvement with corporate sector and development-oriented clients, adding to the already established base of major governmental, worship related, adaptive re-use, and residential clients.

# NOW!

Richmond — October '86

#### Firm Relocates

The firm of William J. Ripley, Architect, has moved its offices to the Colonial Corporate Center, an office-condominium project designed by the firm, at 808 Newtown Road in Virginia Beach.

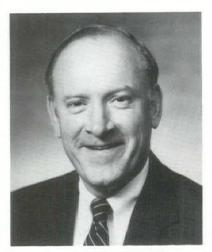
#### LBC&W/Maguire Targets Private Sector Expansion

The Maguire Group, international architects, engineers, and planners, has announced the following promotions and appointments at their Washington, DC area LBC&W/Maguire division designed to increase its competitive position in the private sector market. Vincent M. Cangiano, President of Maguire, said that Homer D. Blackwell, AIA, Senior Vice President and Maguire Director, will head a new division at LBC&W/Maguire's office at 5203 Leesburg Pike, Falls Church, Virginia to provide support services to insurance companies and financial institutions involved in financing private sector construction projects.

James D. Stillwell, AIA, former corporate manager of design and construction for United Technologies Corporation, Hartford, Connecticut, has been appointed Vice President of LBC&W/Maguire and of CE Maguire, Inc., and will be Principal-in-Charge of the Washington, DC area operation.

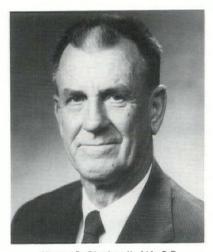
Blackwell, a native of South Carolina, has been with LBC&W/Maguire for 35 years and has been a major influence in the growth and development of that office. A Clemson University graduate with a B.S. degree in architecture, he is registered in 11 states and holds a NCARB certificate. He and his wife, Donnie, are parents to two sons and reside in Alexandria.

In his position at United Technologies Corporation, Stillwell supervised some 90 million square



James D. Stillwell, AIA, P.E.

feet of facilities for the Connecticut-based Fortune 500 Company. His professional career encompasses management, design, fiscal control, facilities planning, and marketing. He holds a B.S. degree in architecture from the University of Illinois and is a registered architect in Maryland, Virginia, and the District of Columbia and holds a NCARB certificate. He and his wife, Rebecca, and their two sons, are relocating to Northern Virginia.



Homer D. Blackwell, AIA, P.E.

Maguire is the 1984 recipient of the first-ever Presidential Award for Design Excellence for planning and design of the Charles River Dam project in Boston, Massachusetts. The Maguire Group has provided comprehensive consulting services to the private sector and to military and governmental agencies at all levels since 1938. It is ranked 54th among the top 500 design firms in the U.S. in the architecture/engineering categories.

#### SCHOOLS OF ARCHITECTURE

Virginia Tech News

#### Professor Designs Sanitation Facilities For Elderly

Robert Graeff, associate professor of architecture at Virginia Tech, has received a \$35,000 grant from American Standard and a matching \$35,000 grant from Virginia's Center for Innovative Technology to design new sanitation facilities for the aged.

"We will be gearing our designs toward providing a longer independent lifestyle for the elderly," Graeff said. He predicted that other segments of the population would also find the resulting facilities beneficial.

Graeff, who specializes in industrial design, said that the grants reflect the common goal of industry, state government and the university to aid the elderly population. Last year, he worked on a bathtub for the aged under a grant from the National Endowment for the Arts.

#### Architecture Engineering Professors Get NSF Grant

Francis T. Ventre, an architecture professor and director of the Environmental Systems Laboratory for Virginia Tech's College of Architecture and Urban Studies, and Prabhakar M. Ghare. associate professor of industrial engineering and operations research, have received a \$183,519 grant from the National Science Foundation (NSF) to develop a method for assessing building performance based on representative

The two-year project will combine statistical theory and methods used for product sampling for quality control with procedures currently used to test single aspects of building performance in limited portions of buildings. The resulting representative sampling procedure should provide a way to assess the overall performance of buildings in such areas as acoustics, illumination, thermal comfort and indoor air quality, as well as in aspects requiring subjective occupant responses.

The great size of the buildings containing most of the country's non-residential spaces has made systematic and reliable performance assessment difficult.

"Only five percent of the buildings in the United States are larger than 50,000 square feet; yet, they contain almost half of the country's nonresidential floor space," Ventre said. "Two percent of the buildings are greater than 100,000 square feet, and they contain a third of the country's non-residential space.'

Given the size of these buildings, Ventre said that a way is needed to evaluate overall building performance based on a sampling of a smaller number of spaces within the buildings. "We need to be able to pick, in an unbiased way, a sample of representative spaces within the large building so we can confidently estimate what the overall performance of the total building is for those particular attributes we are examining," he said.

"This type of measurement is not being done," Ghare said, "and Tech's developments will represent a pioneering effort, with applications in the acquisition and management of real property and to regulatory inspections during and after construction.

The two professors predict that their research will enable building design and construction industries to monitor in a cost-effective way the performance of the building inventory.

"With more reliable performance data available from existing structures, the design and construction of future buildings can be improved," Ventre added.



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#### CORRECTIONS

The project as named in the Miller & Long Co., Inc. ad (July/August 1985) contained a typographical error. The firm acted as Concrete Contractor for the Crowne Plaza Hotel/Twinbrooke Office Center, which was featured in that issue.



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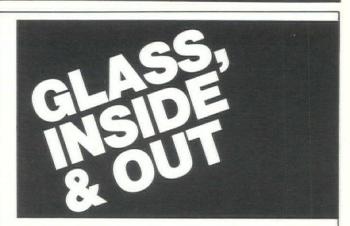
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# Seaboard Center OSC Associates — Architect

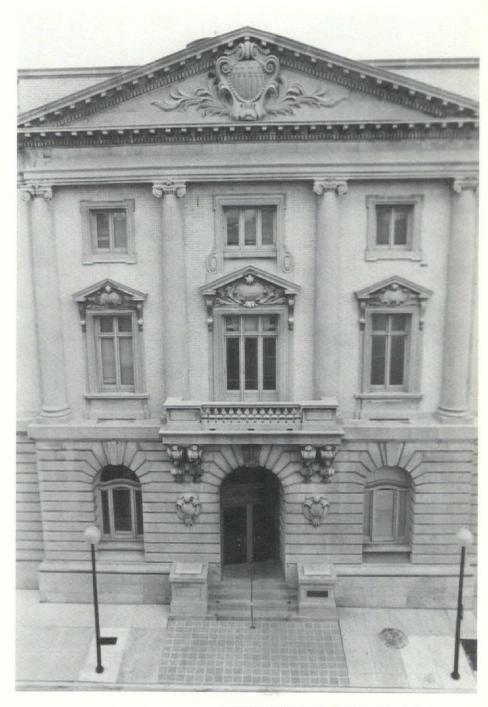
Renovation of Norfolk's Old City Hall • Location: Norfolk

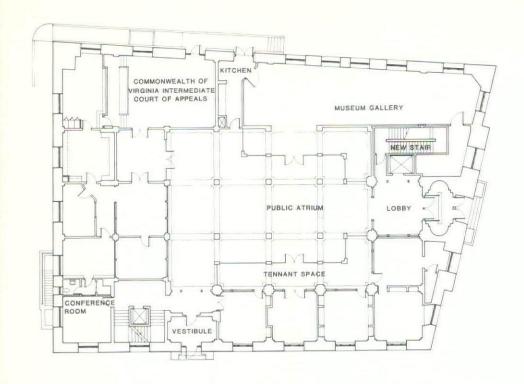
Developers, Mr. & Mrs. George Phillips, Jr. • Project Architect/Designer, Katherine A. Williams, AIA • Landscape Architect, Ed Carson • Interior Designer, Susan Donn • Structural/Mechanical/Electrical Engineer, MMM Design Group • General Contractor, Conrad Brothers, Inc. • Photography, OSC Associates.

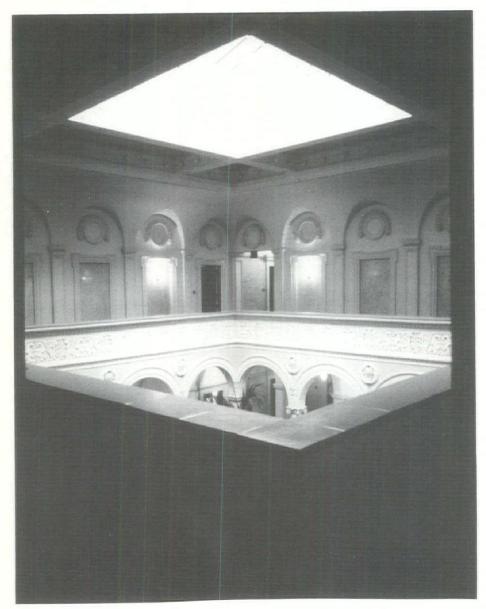
The Seaboard Center, formerly the Old City Hall Building, is located at 235 East Plume Street in the heart of Norfolk's commercial area. It was constructed in 1900 after the plans of Wyatt and Nolting of Baltimore as the U.S. Courthouse and Post Office. The Palladian inspired structure has rusticated stone facing on the first floor and Flemish-bond yellow brick with stone quoining on the second and third floors. A full entablature, with a parapet wall of yellow brick, crowns the edifice.

The excellent detailing of the interior finishes has survived numerous renovations through the years. The most distinguished feature is the second floor atrium space. This space has a glass block court framed by an arcade that has marble columns with lonic capitals topped by an elaborate faience cornice. The second floor ceilings are vaulted and walls are marble facing with stone paving on the floors. The atrium has a large skylight which sends light all the way to the first floor through the original glass block light well.

Renovation plans called for the first floor area to contain a large public atrium surrounded by private tenant spaces. This required extensive work in the central area of the building which had originally been a large open mail room. Glass partitions were designed to create the new tenant spaces. These glass walls allow for the beautiful detailing in the original public corridors to still be seen from the new public atrium. The original corridor walls, detailed in oak paneling, were left intact and restored. The original entrances with marble walls and stone paving were restored to their original design and reused as the main entrances for the new design. The open atrium with arcades on the second floor was restored to its original design, including the restoration of the glass block light well and the skylight above. The glass block







light well was structurally strengthened so the area could be used as a floor for the new second floor reception area.

In addition to the restoration efforts, the entire building was renovated and new mechanical, plumbing, electrical, and fire protection systems were installed. All of the above systems were designed to interface as much as possible with the existing historical fabric. A new fire stair and elevator were also added adjacent to the Plume Street entry.

The project was restored according to the Secretary of Interior's Standards and is eligible for the Federal tax rehabilitation program.

Conrad Brothers, Inc. of Chesapeake was general contractor and handled concrete work, carpentry, windows and window wall.

SUBCONTRACTORS & SUPPLIERS Other Chesapeake firms were: Webster Elevator Co., Inc., elevator; and Arc Electric, Inc., electrical contractor.

From Norfolk were: Globe Iron Construction Co., Inc., handrails; Campostella Builders & Supply Corp., millwork, paneling, cabinets & wood doors; Binswanger Glass Co., glazing contractor, windows & window wall; Febre & Co. of Norfolk, Inc., plaster contractor & gypsum board contractor; E. Caligari & Son, Inc., painting contractor & wall covering; Engineering Steel Equipment Co., specialties; and Dover Elevator Co., elevator.

Virginia Beach firms were: Branche Industries, paving contractor; Seaboard Building Supply Co., metal doors & frames; and Bay Mechanical, Inc., plumbing/heating/ventilating/air conditioning contractor.

Others were: Richmond Primoid, Richmond, masonry cleaning; Waterfront Lumber Co., Inc., Newport News, millwork, paneling, cabinets & wood doors; Bay Tile Corp., Portsmouth, terrazzo; and Cherry Rug Co., Portsmouth, carpet



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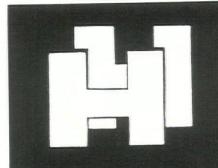


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# The Restoration of Mitchells Church Browne, Eichman, Dalgliesh and Gilpin, P.C. — Architect

Location: Culpeper County

Mechanical/Electrical Engineer, Paul A. Sweet • General Contractor, Home Preservation, Inc. • Photography, William E. Barrett.

The restoration of Mitchells Church in Culpeper County, Virginia, assured the survival of a priceless treasure.

Before the restoration began, Mitchells Church was particularly undistinguished on the exterior, because of the blandness of its outer covering of aluminum siding, and the diminished architectural detailing occasioned by the installation of the siding.

However, the real treasure at Mitchells is to be found inside the Sanctuary walls, where can be seen the finest known examples of late-19th-century, folk-style *trompe l'oeil* wall paintings

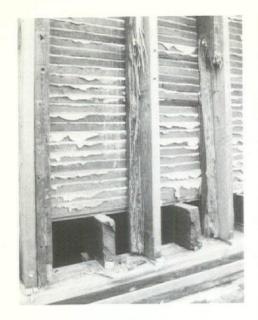
in the Commonwealth of Virginia. However, before the restoration began, the plaster walls and ceilings were severely cracked and buckling, and falling away from the lath. Other intrusions which had built up over the years included modern red carpeting, fluorescent pendant-hung fixtures, oversized white memorial plaques dominating the front walls, two concrete block chimneys in the Sanctuary, and diminished interior light caused by the addition of stained-glass memorial windows. After initial investigation of the structural conditions, it was found that the wall studs had been so consumed by termites and dryrot over the years that in places the building was simply being held together by strong lath, nails and plaster.

To rescue this precious church, heroic measures were required. The first step was to stabilize the ceiling, as it was in imminent danger of falling. Scaffolding was erected under the existing wood lath and plaster ceiling which had pulled away from the ceiling joists. Stainless steel

reinforcing fabric was stapled to the existing ceiling joists from above, and an epoxy matrix poured between the joists, which seeped into all of the voids between existing plaster and lath. From below, an air mattress was placed on top of the scaffolding and carefully inflated, which pushed the lath and plaster ceiling back up against the ceiling joists. With the plaster held in place by inflated air mattresses, the entire mass was allowed to set. This process was repeated section by section, until the entire ceiling was stabilized. Care was exercised so that not a fragment of the original murals was lost during the process.

The next measure taken was removal of the exterior aluminum siding, and removal and salvage of the original wood siding up to eight (8) feet. The structure was jacked up and stabilized, and deteriorated and missing structural elements replaced. Nailing of studs and reinstallation of siding was accomplished with a power nailer, in order to reduce the vibration and mit-





igate possible further damage to the interior plaster. The stabilized ceiling and floors providing a strong diaphragm, and with the vertical structural stabilization complete, the plaster walls were finally resting on a stable base.

The task was then to restore the unique interior murals, which had been painted on the Sanctuary walls around 1888 by the Italian immigrant painter Joseph Domenic Phillippe Oddenino. The murals create an architectonic simulation of a three-dimensional interior, with rich Gothic arches, Renaissance-styled cornices, and embellished Corinthian columns. The first step in the Restoration was to remove the 20th-century intrusions, such as the concrete block chimneys, the over-scaled memorial plaques, and the intrusive light fixtures. For the actual restoration of the wall murals, after great deliberation and discussion as to the actual procedures which should be followed, a policy was established that under no circumstances would the 1984 restoration make assumptions about Oddenino's intentions - where the original work was incomplete, no attempt would be made to infill.

Discreet experimentation revealed that patching the network of cracks on the walls would result in the loss of an intolerably high percentage of Oddenino's painting. The decision was therefore made to leave the cracks on the wall plaster. Oddenino had used some of the cracks as dividing lines, and no attempt was made to

repair any of them. Isolated areas of damage were touched up with paint similar to the surrounding paint color. Damaged plaster behind the memorial plaques and chimneys was replaced, and the murals restored to the best of the artisan's abilities. The almost overwhelming temptation to replicate missing pilaster and column bases at the front of the church was resisted.

As a result, the interior of the church, to the best of the ability of historians, architects, and artist, faithfully reflects the work which was done by Oddenino. The richness of the interior, with its story of the artist's frustration and lack of time to carry out his ambitious scheme, is intact for future generations to ponder and enjoy.

Home Preservation, Inc. of Charlottesville acted as general contractor for this project.

#### SUBCONTRACTORS & SUPPLIERS

Other Charlottesville firms were; Virginia Insulation Corp., roof insulation; Charlottesville Glass & Mirror Corp., glazing contractor; Brunk Mechanical Corp., heating contractor; and Safe-Way Electric Co., electrical contractor.

Others were: Cherry St. Building Supply, Culpeper, structural wood & millwork supplier; Hesse & Hurt/Ben Eubank, Roanoke, painting contractor & specialties—Mural, Wayne Graves/Dave Clatterbuck; and Bill Toombs Ltd., lighting fixtures—Colonial lighting & metal refinishers.



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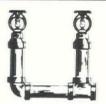
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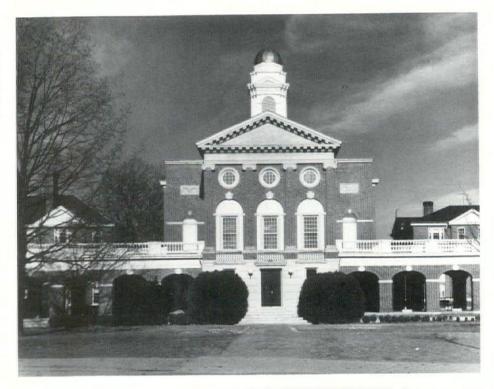
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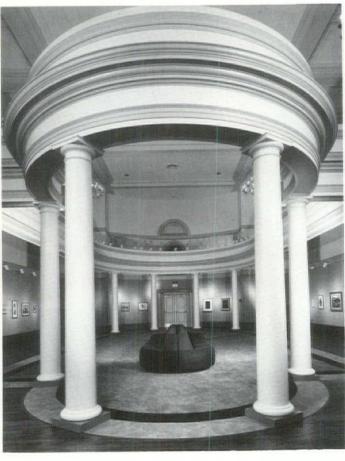
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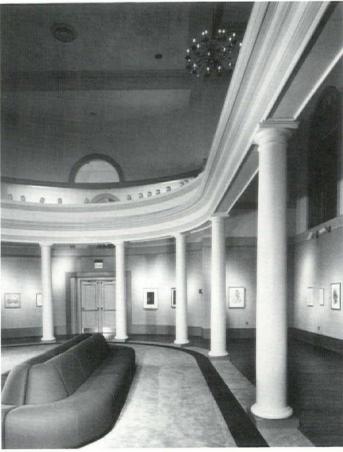
# Anne Gay Pannell Center, Sweet Briar College Marcellus Wright Cox & Smith Architects, P.C.

Location: Sweet Briar, Va.

Project Architect/Designers, E. A. Smith, III, J. H. Arvin, and Alan Bott • Interior Designer, Marcellus Wright Cox & Smith • Structural/ Electrical Engineer, Harris, Norman & Giles • Mechanical Engineer, H. C. Yu & Associates • General Contractor, J. E. Jamerson & Sons, Inc. • Photography, Whitney Cox.



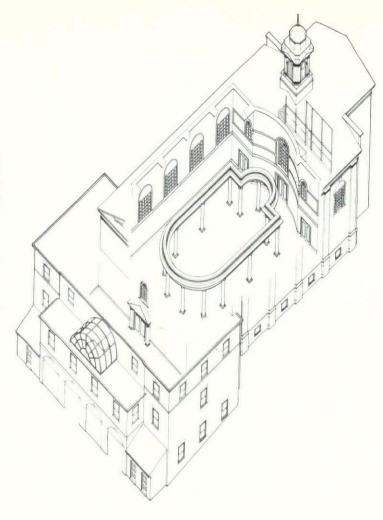




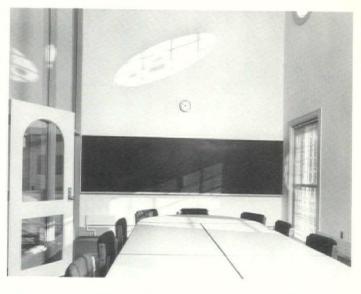
The former Refectory at Sweet Briar College was designed by the renowned Cram Goodhue and Furguson as the architectural centerpiece of one of the college's quadrangles. With the construction of a new dining hall, which likewise formed a new quadrangle, the former Refectory was abandoned.

Following a programmatic study, the administration determined to relocate the art history department, art library, seminar and classrooms, art collection storage, and appropriate faculty in the (renovated) service areas of the building. The former dining hall has been converted to a multi-purpose room which houses art exhibitions and provides the college with an elegant reception and entertaining room. A former balcony is now a large seminar room which is available to the entire college.

Consultation with museum exhibit specialists provided a recommended height for lighting works of art in the gallery area. A classically proportioned peristyle has been provided which







provides this lighting, divides the room into gallery and entertaining space and complements the Georgian Revival building.

With the renovation and conversion of the building, accompanied by extensive exterior restoration work, the Refectory has once again become a center of college activity—as Cram, Goodhue and Furguson had envisioned.

J. E. Jamerson & Sons, Inc. of Appomattox was general contractor for the project and handled masonry work.

SUBCONTRACTORS & SUPPLIERS Dodson Bros. Exterminating Co., Inc., Lynchburg, soil treatment; Marvin V. Templeton &

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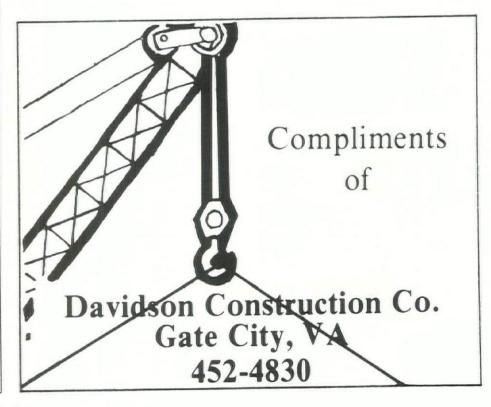
Sons, Inc., Lynchburg, bituminous paving; Thompson's Ready-Mix, Lynchburg, concrete; Western Waterproofing Co., Inc., Richmond, masonry—restoration of brick; Seaboard Concrete Products, Richmond, masonry—precast concrete; Lightweight Block Co., Inc., Lynchburg, masonry—block; Construction Products Co., Inc., Lynchburg, structural & miscellaneous metals; Commercial Steel Erection, Inc., Monroe, steel erector; and Seybar, Inc., Martinsville, finish hardware & hollow metal.

Also, E. S. Chappell & Son, Inc., Richmond, weatherstripping & sealants; Lynchburg Plate Glass Co., Lynchburg, glass & glazing, aluminum entrances, glass handrails & railings; Harman Ceiling & Partition Co., Roanoke, plaster, gypsum wallboard (metal studs), ceramic tile, acoustical treatment & resilient flooring; J. D. Crance Co., Lynchburg, painting; The Carpet House, Farmville, sand & finish wood floors; Schalow Manufacturing Co., Inc., Powhatan, chalkboards & tackboards; Roanoke Engineering Sales Co., Inc., Richmond, toilet compartments, fire extinguishers & cabinets, toilet accessories & rolling steel shutter; and Construction Specialties, Inc., Lynchburg, louvers & vents.

Others were: Dover Elevator Co., Greensboro, NC, elevator; Riddleberger Bros., Inc., Harrisonburg, plumbing/heating/venting/air conditioning; Capital City Fire Protection, Inc., Richmond, sprinkler system; McDaniel-Kelly Electric Co., Inc., Lynchburg, electrical; The Danville Lumber & Manufacturing Co., Danville, millwork, wood doors, wood windows; Woodall & Lang, Inc., Lynchburg, waterproofing, roofing, sheetmetal; G. S. Duval Insulation Contractor, Roseland, building insulation; W. H. Stovall & Co., Inc., Ashland, skylights; and Thermo-Press Corp., Richmond, storm windows.

Manufacturers of material and equipment included: Inryco, Inc./Milcor, Milwaukee, WI, access door (ceiling & walls); Taco, Inc., Cranston, RI, expansion tank, air separator, pumps, circulators & heat exchanger; Weksler Instrument Corp., Freeport, L.I., NY, manual air vents (needle valves), thermometers & gauges; Seaton Nameplate Co., New Haven, CT, valve tags; Autoflow, Inc., Dallas, TX, flow control valves, auto flow regulators & pressure-temperature test parts & kit; Nibco, Inc., Elkhart, IN, valves; Consolidated Kinetics Corp., Columbus, OH, vibration isolation; Mogul Corp., Chagrin Falls, OH (Richmond, Va. branch), water treatment; J. A. Vaughan, Inc., Petersburg, insulation; Watts Regulator Co., Lawrence, MA, backflow preventers & water relief valves; and J. R. Smith Manufacturing Co., Piscataway, NJ, drains, cleanouts, downspout boot & plumbing fixture

Also, Kohler Co., Kohler, WI, Fiat Product, Inc., Plainview, L.I., NY, and Sunrock Corp., Glenn Riddle, PA, plumbing fixtures; Wallace Murray. Greensboro, NC, prefabricated chimneys; Carrier Corp., Syracuse, NY, condensing unitsreciprocating air cooled, unit heaters-cabinet type, air handling units & terminal boxes; Hoffman Specialty, Indianapolis, IN, steam traps; Johnson Corp., Three Rivers, WI, vacuum breakers; Kunkle Valve Co., Inc., Ft. Wayne, IN, steam relief valves; Vulcan Radiator Co., South Windsor, CT, radiation; Dri-Steam Humidifier Corp., Hopkins, MN, humidifiers; Acme Engineering, Muskogee, OK, fans; Semco Mfg., Inc., Columbia, MO, duct work (high pressure); Flexmaster, Inc., Houston, TX, duct work (flexible); C. E. Sparrow Co., Minneapolis, MN, fire dampers; Barber-Coleman, Rockford, IL, grilles, registers. diffusers, controls & instrumentation; Cambridge Filter Corp., Syracuse, NY, filters; and Dwyer Instruments, Inc., Michigan City, IN, filter gauges.



## Lloyd's Row John Meadows — Architect

Location: Alexandria

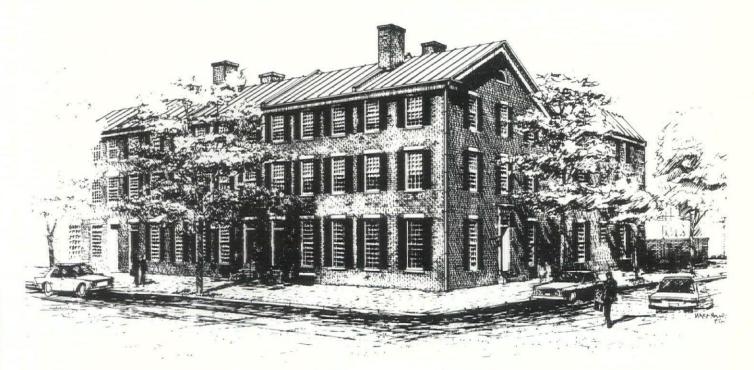
Owner, Heritage Washington Street Corp. • Associated/Consulting Architect, Lewis/Wisnewski • Project Architect/Designer, John Meadows • Surveyor, Kephart & Chan • Structural Engineer, FDE Ltd., Consulting Engineers • Mechanical/Electrical Engineer, E. K. Fox & Assoc., Ltd. • General Contractor, Construction Management Systems, Inc.

Lloyd's Row is comprised of four attached 1812 row houses facing the George Washington Memorial Parkway in Alexandria. The site stands at the fringe of a growing commercial area and abuts a distinguished residential area. The owner, Heritage Washington Street Corporation, purchased the property to convert the houses to professional office and retail use, while respecting the residential character of the buildings and the adjacent neighborhood and restoring the badly deteriorated structures.

The goals for redevelopment of the 25,000 sq. ft. include:

- 1. Restoring and preserving an important "streetscape" by restoration of original buildings facing Washington and Duke Streets, including restoration of all distinctive fireplace surrounds and moldings.
- 2. Increasing the project density through the addition of "infill" structures between the exist-





ing rear "flounders" (extensions at the rear of the houses).

- 3. Restoration of the original 18th century cobblestone alley and the addition of a high quality parking court at the rear of the structures and adjacent to the residential neighborhood.
- 4. Upgrading all building systems to meet the needs of contemporary users with new mechanical and electrical systems.
- Adjusting the nine different floor levels in the structures to provide for more efficient circulation and to accommodate the needs of the handicapped.
- 6. Providing office and retail space that maximizes the amount of daylight available to all parts of the building.

One of the major design issues involves the design of the infill structures in such a way as to be compatible with the existing historic fabric. This is accomplished by keeping the infill structures light in construction, receding from the masonry flounders, and using a building language similar to that of "back-porches" found throughout the existing neighborhood.

A second major issue is the introduction of new services (elevator, stairs, and toilets) and light to the interior of the buildings, while still preserving the original two-room with side hall organization of the original houses. A new skylit atrium, across the flounders and infill structures, brings light to the interior rooms. Existing masonry walls in the area of the atrium remain as reminders of the previous building organization and have large cutouts to maximize distribution of light to the interior.

A generous open stair connects the three main floors to encourage informal exchange between the floors, and offers an alternative to use of the new hydraulic elevator.

The parking court, with its cobblestone entrance and dryset brick paving, is intended to provide a highly functional and attractive setting for parking, outdoor lunches, and occasional garden events. Parking spaces are designated with the use of two-color brick patterns, and several spaces provide tandem parking for compact





cars and truck deliveries. The result is an attractive outdoor-room that cars park in, and which is seen as an asset to the neighborhood and building tenants.

Construction Management Systems, Inc. of Fairfax acted as general contractor and handled foundations, carpentry and structural wood.

SUBCONTRACTORS & SUPPLIERS

Alexandria firms were: Hybla Valley Nursery, Inc., landscaping materials; Cascade East Corp., landscaping contractor; MCEE of Virginia, Inc., roofing & roof insulation; Duron Paints & Wall-coverings, paint supplier/manufacturer; and Schindler-Haughton Elevator Corp., elevator.

Others were: Propst Enterprises, Inc., Fairfax Station, paving contractor & masonry contractor; Virginia Concrete Co., Inc., Springfield, concrete supplier; Glen-Gery Brick, Reading, PA, masonry manufacturer/supplier; Miscellaneous Metals, Frederick, MD, steel/miscellaneous metal/handrails supplier; Galliher & Huguely

Associates, Inc., Washington, DC, millwork, wood doors & windows; Louis Benitez, Hyattsville, MD, caulking; William T. Boyer & Co., Falls Church, sheet metal; and Ridgeview Glass, Forestville, MD, glass & glazing contractor.

Also, Builders Hardware Corp., Rockville, MD, hardware supplier; William Jackson, Hyattsville, MD, gypsum board contractor; B & F Ceramic Tile, Inc., Springfield, ceramic tile; Allied Floor Service, Inc., Forestville, MD, Fabrica International carpet; Atlas Painting Co., Woodbridge, painting contractor; Kevin M. Keller, Kensington, MD, wall covering; Baltimore Fire Protection & Equipment Co., Inc., Timonium, MD, equipment; The Fireguard Corp., Capitol Heights, MD, sprinkler contractor; Dennis Stubbs Plumbing, Inc., Oxon Hill, MD, plumbing contractor (American Standard fixtures); Bennett Air Conditioning, Inc., Clinton, MD, heating/air conditioning contractor; Cardinal Lighting Co., Fairfax, lighting fixtures supplier; and Marvin C. Cowherd, Inc., Falls Church, electrical contractor.

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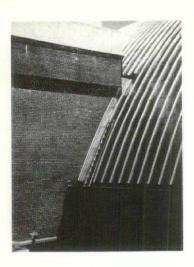
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# National Visitor Center Re-Roofing VVKR Incorporated — Architect

Location: Washington, DC

General Contractor, Peter Gordon Co., Inc.

VVKR has had a continued involvement at Union Station with the National Park Service (NPS) since 1976. Since the NPS took over the operation of the facility, they have experienced constant maintenance work related to a much publicized leaking roof system. The architect's major commitment to the NPS has been for the design of renovations and repairs to the building's roof systems, including major skylights and storm water drainage systems.

VVKR conducted extensive survey work of the building's roof system including structural evaluations of the roof substrata and supporting members, and evaluations of the associated

mechanical and electrical systems. VVKR completed the above work in 1983.

The goal of this work was naturally to secure a watertight envelope to protect the integrity of the building's interior, portions of which qualify the building for listing as an historic structure. The prime objective of the work was to utilize contemporary technology to solve the recurring leak problems generated by complex shapes and detailing, and to obtain the best available life-cycle performance at acceptable initial cost.

The main features of the design for the new roof system include a Terne Coated Stainless Steel (TCS) roof system for the barrel vault over the Main Hall waiting area and a new aluminum and glass skylight system over the old ticket offices currently referred to as the Hall of States. The new roofing materials were selected for their

performance potential and sensitivity to the historic value of the building. The main barrel is listed as one of the exterior features that places this building on the D.C. Registry of Historic Structures.

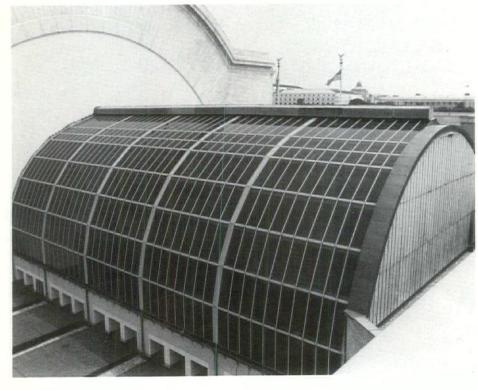
The TCS system cost only 25% of the anticipated amount for a full restoration to the historic roof including replacing the concrete tile roof in kind on the main barrel and can be expected to last approximately 75 years as opposed to the 20 year life span of the original system. The TCS system retains the color, scale and texture of the original system while providing a superior technical solution.

Similarly, the replacement of the existing skylight system was necessary to facilitate reglazing. Since the historic materials originally used in the existing skylight system were no longer available, a modern system was selected which not only corrects the extensive leakage problems the facility had experienced to date, but maintains the historic and architectural character of the building. The aluminum portions of the new skylight system, for example, are finished in a weathered copper green color to recall the appearance of the original copper framed skylight system. The new skylight system is also expected to have a long life with only routine maintenance.

The balance of the roof was covered with a new single ply EPDM rubber roof system. Several EPDM system types were required to cover the 26 distinctly different areas and shapes. These included a mechanically attached system for the major barrel vault over the old train concourse and loose-laid and adhesive attached systems in various other areas.

Access to the various roof areas had been limited and difficult due to the variety of elevations and locations of the distinct roof areas. A new system of roof ladders was designed to simplify access to all areas, thus facilitating improved access for maintenance observations and repairs.

Studies of the building's energy use and HVAC system performance indicate the need for



adding insulation at the roof level. Also, antiquated drainage systems were upgraded to meet current code standards.

The result has been a fully integrated roof system which is watertight and should serve to facilitate simplified maintenance and future restoration efforts to the building's interior.

Peter Gordon Co., Inc. of Capitol Heights, Maryland was general contractor and handled

#### SUBCONTRACTORS & SUPPLIERS

SUBCONTRACTORS & SUPPLIERS
Hallmark Iron Works, Inc., Newington, miscellaneous metal; Carlisle Tire & Rubber Co., Carlisle, PA, roof insulation; Gates Engineering Co., Inc., Wilmington, DE, wall insulation; Follansbee Steel Corp., Follansbee, WV, sheet metal supplier; Fisher Skylights, Inc., West Nyack, NY, skylight; Francis J. Hendry Assoc., Baltimore, MD, skylight glazing contractor; and R. L. Voight & Sons, Inc., Kensington, MD, plumbing contractor.



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# Kensington House/Singleton Plantation OSC Associates — Architect



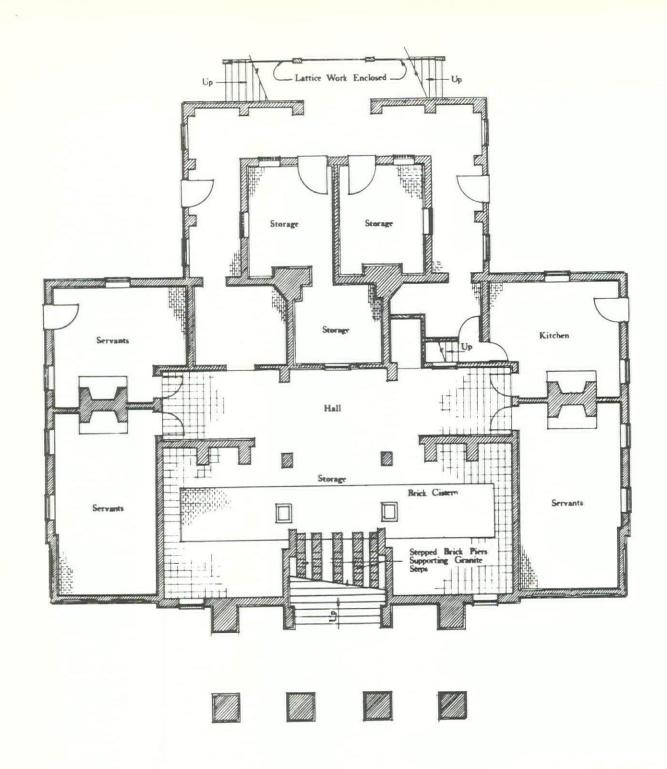
Location: Richland County, Eastover, SC

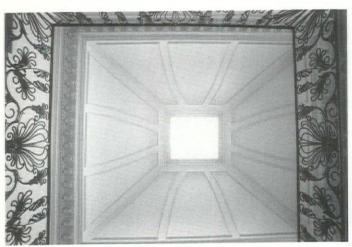
Project Architect/Designer, Katherine A. Williams, AIA • Site Engineer/Surveyor, T. E. Cuttino Construction Co. • Structural/Mechanical/Electrical Engineer, MMM Design Group • General Contractor, T. E. Cuttino Construction Co. • Photography, Ralph Boyd.

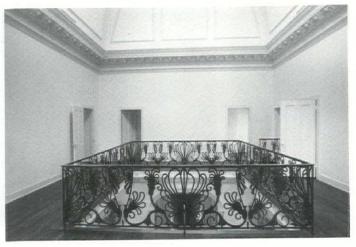
Kensington is a national landmark building located in Eastover, South Carolina and owned by Union Camp Corporation. By memorandum of agreement with the Corps of Engineers, Union Camp Corporation agreed to the restoration of Kensington as a part of their total facility proposal.

Kensington was originally constructed in 1855 by the Singleton Family. It is a wood frame structure built on a brick and stucco Englishstyle basement with wood siding and metal









roofing. The house contains nearly 12,000 SF on three floors. The central entry hall opens above to a central dome room complete with skylight. The dining room has an ornate plaster barrel-vaulted ceiling and opens onto a three-sided veranda overlooking the river. Kensington had been empty for 40 years and was in use as a grain storage facility at the time Union Camp acquired the property.

Kensington has now been completely restored to its original design. The major restoration efforts included replacing all deteriorated structural elements, duplication and restoration of millwork, and restoration of the extensive plaster ornamentation. One of the most comprehensive efforts was the restoration of the beautiful porches and verandas surrounding the house as well as the porte cochere entry. These areas contained extensive millwork in the columns, column capitals, and arches which had to be duplicated using old photographs as a guide. The entire dome roof was replaced using the same materials and construction as used originally and the original skylight was duplicated and set in place. In addition to the restoration efforts, new mechanical, plumbing, and lighting systems have been designed and installed in the house. These systems were all designed with the parameter of retaining the historical nature of the house.

The restoration efforts were supported by a great amount of historical research which included personal interviews, old photographs, letters and articles written on Kensington. Consultants used paint analysis to investigate and document the original color schemes for both the interior and exterior of the house.

Kensington was a tax-act project and meets all the Secretary of Interior's Standard for restoration. Soon after completion, Kensington received full certification under this Federal program.

T. E. Cuttino Construction Co. of Sumter, South Carolina was general contractor and handled masonry work, millwork (wood supplied by Columbia Lumber of Columbia, SC), glazing and special flooring.

SUBCONTRACTORS & SUPPLIERS (Sumter, SC firms unless noted)

Fort Roofing & Sheet Metal Works, Inc., roofing; Leitner-Williams Insulation, Columbia, SC, roof insulation; The MacMaster Co., caulking & painting contractor; John W. Riley Sons, Inc., Columbia, SC, plaster contractor/stucco; Albert Owens Flooring Co., Lexington, SC, special flooring; Hill Plumbing Co., plumbing contractor; Broadway, Brunson & Gates, Inc., heating/air conditioning contractor; and Mills Electric Co., Inc., electrical contractor.





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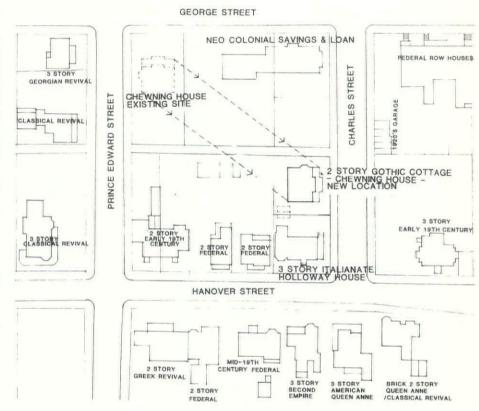
# Rehabilitation of Hanover-Charles Street Properties Browne, Eichman, Dalgliesh and Gilpin, P.C. — Architect

Location: Fredericksburg

#### General Contractor, Hunter Greenlaw/Greenlaw Properties, Ltd.

The idea for the rehabilitation of the three-story Italianate house at 401 Hanover Street and the two-story Gothic Cottage presently located at 804 Charles Street, in the Fredericksburg Historic District, was conceived when the Gothic Cottage faced probable demolition. The building was owned by a savings and loan association which undertook a necessary plan of expansion, and was unable to incorporate the Gothic Cottage into the expansion plan. When the bank applied for a permit to move the building or demolish it, the present owners conceived the idea of moving it across the block to an adjacent site. The owners then rehabilitated both buildings, converting each from a single-family residence to combined office/apartment use, taking advantage of the 25% Tax Credit available under the 1981 Economic Recovery Tax Act.

Although moving an historic structure from its original site always means an irreparable loss of the structure's setting in a place and time, all hopes of saving this building on its original site were exhausted. The owners demonstrated that the rich architecture and history associated with the building would be retained in the move to an adjacent site, and demonstrated that the relocating of the Gothic Cottage would be in character with its proposed immediate neighborhood. The accompanying vicinity map dem-





401 HANOVER ST.

804 CHARLES ST.



onstrates that the Gothic Cottage is in harmony with the adjacent buildings which are each set on an individual parcel of land of approximately uniform size, creating a homogeneity by their rich Revival detailing and massing, and by the similar lot densities.

The moving of the building was approved by the National Park Service, and both properties received an approved rehabilitation certification. The conversion of the two single-family residences to office and apartment use was completed with minimal alteration of the buildings' existing fabric. There were no changes made to the exterior of each building, except for the measures required to maintain and preserve the building's fabric. On the interior, existing partitioning for the most part was original and considered to be important primary space. Existing partitioning, fireplaces, light fixtures, staircases and trim remain largely intact, while necessary conveniences, such as kitchens and baths, were installed with minimal intrusion into the existing spaces.

The Gothic Cottage has been moved, the rehabilitation of both buildings has taken place, the landscaping and paving is complete, and the buildings are occupied. Therefore, these two buildings, which had remained vacant and unsellable as private residences, have been given a new life and vitality by this adaptive reuse.

Hunter Greenlaw/Greenlaw Properties, Ltd. of Fredericksburg was general contractor and handled foundations, concrete work, reinforcing, carpentry, waterproofing, caulking and gypsum board.

SUBCONTRACTORS & SUPPLIERS (Fredericksburg firms unless noted)

William B. Patram, Inc., Fairfax, excavating & moving contractor; Pine Hollow Nursery, land-scaping materials & landscaping contractor; Massaponax Sand & Gravel Corp., concrete

supplier; Richard M. Crickenberger Masonry Contractor, masonry contractor; Frackelton Block Co., masonry supplier & mortar; Vinson Insulation Co., roof/wall/foundation insulation; Henry Moore Welding, handrails; and J. W. Masters, Inc., structural wood, millwork, wood doors, windows & hardware supplier.

Also, Mine Road Cabinets, cabinets; Old Town Paint & Glass, glass, glazing contractor & paint supplier (Benjamin Moore & Olympic); Penn-Mar, Inc., ceramic tile, resilient tile & carpet; Lloyds Acoustics, Inc., acoustical treatment; Sullivan's Floor Service, King George, special flooring; Raymond Jenkins, King George, painting contractor; Ferguson Enterprises, Inc., plumbing fixture supplier; L. W. Mastin, plumbing contractor; Robert B. Payne, Inc., heating/ventilating/air conditioning contractor; Colonial Electrical Distributors, Inc., lighting fixtures/electrical equipment supplier; Lewis Powell, electrical contractor; and Keen Line Coatings, Inc., roofing paint.



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# Restoration of St. Peter's Catholic Church

# Torrence, Dreelin, Farthing & Buford, Inc. — Engineers-Architects

Location: Richmond

Project Architect/Designer, F. Louis Legnaioli
Interior Designer, Structural/Mechanical/
Electrical & Audio/Acoustical Engineer,
TDFB, Inc. • General Contractor, Taylor &
Parrish, Inc. • Photography, Donald W. Ley.

Within the City of Richmond, Grace Street derives its name from the extensive number of churches lining the corridor. At Eighth and Grace Streets, a short distance from Capitol Square, stands St. Peter's Catholic Church, rich in liturgical, local, and Southern history.

St. Peter's was dedicated on May 25, 1834 and stands today as the oldest erected building on Grace Street. It is only outdated by St. John's as

the oldest church in continous operation in the city. St. Peter's is listed on the National Register of Historic Places and the Virginia Landmark's Register.

Liturgically, the history predates the edifice. A Catholic diocese was established in Virginia in 1829 and St. Peter's became its first cathedral in 1841. Bishop John McGill decided that the original two-story structure, designed as a plain rectangle, was inadequate for a cathedral. Thus, he commissioned the addition of the transepts and the apse with its three marble altars, leaving the original rectangle as the dimensions of the nave. These additions, completed in 1855, represent the last structural change to St. Peter's.

As part of the Southern heritage, St. Peter's was the worship place of leaders of the time, such as Stephen Mallory, Secretary of the Navy for the Confederacy; Major-General Pierre Beauregard; and Chief Justice Roger Brooke Tanney. Bishop McGill, a great champion of the "Southern cause," blessed the brigade of soldiers from the steps of St. Peter's before they marched off to battle at Manassas. President John Tyler's daughter was wed in the church. St. Peter's was also the location of Mrs. Tyler's funeral.

When the Murphy Hotel was built on the adjacent site, the owners, members of St. Peter's, arranged to introduce heat to the church. A cast iron conduit was tunnelled from the hotel to the



lower level of the church. Radiators were installed, and for years, St. Peter's was heated by the hotel. The conduit and valve exist today, capped and refinished, in what is now a cozy room that flanks the circular apse foundation.

The years, weather and passing vehicular traffic exerted their toll on St. Peter's. Deterioration of roof and flashing allowed water to penetrate and be absorbed by the massive masonry walls, only to be retained and transmitted to the plaster surfaces. Although the roof structure remained sound, the vaulted ceiling lost its "tooth" to the wood lath and the horsehair-aggregate plaster would pulverize when disturbed. Patches of plaster fell and paint peeled throughout. The exterior showed extensive signs of deterioration and the entrance steps became dangerous to negotiate.

In September 1980, a fire, believed to have started from old and faulty wiring, ravaged the lower level. Although the wood ceiling of the basement was burned beyond repair, the wood joists, columns and beams were left sound and whole. The clean-up blasting of old paint revealed a romantically handsome ensemble of natural wood and brick masonry.

Expressing a desire to retain the beauty of the exposed elements, a renovation and partial restoration effort was spearheaded by Bishop Walter F. Sullivan of Richmond and St. Peter's Pastor, William Fisher. Thus, Torrence, Dreelin, Farthing and Buford, Inc., was commissioned to restore the nave, sanctuary and exterior, as well as to convert the lower level to a parish center for education and social ministry.

The Principal Architect of TDFB and Project Architect for the restoration, F. Louis Legnaioli, was married in St. Peter's and had been a member of the church since boyhood. Thus, it was inescapable that he would have a very personal interest in conducting the restoration effort.

The first priority was to render the building watertight and this required rebuilding the chimneys, total reflashing and complete replacement of all roofing surfaces. A stainless steel alloy roof was chosen to reduce maintenance needs. The cement covered entrance steps and portico floor were removed and replaced with granite and fitted with new bronze rails



Energy conservation measures were introduced during construction, particularly in insulating the ceiling, sealing the windows and doors, and in the mechanical and electrical system modifications.

A great deal of the wiring that had been installed when gas lighting was replaced with electricity was substandard and exposed. The sound sys-





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Phone 804-746-1400 Erle Road Ellerson Industrial Park Mechanicsville, Va. 23111 tem wiring was also visible, as were the very old speakers. The sound system was totally redesigned and speakers were concealed above the chancel lamp, which hung at the intersection of the transept and nave ceiling vaults, within the roof truss space.

The vaulted ceiling was carefully measured, then removed and relathed. Italianate ornamentation, applied during an earlier renovation, was removed to return the interior to its "Revival origin." Plaster wall surfaces, pilasters and capitals were carefully cleaned and the plaster restored.

The crypt, that once held the burial vault of a former Bishop, within the radial wall foundation of the apse, now exhibits a full size replica of Michelangelo's "Pieta," a focal point for the new social ministries area.

Modifications in the nave, to accommodate Vatican II liturgical requirements, were carefully introduced so as to not disturb the fabric of the 150-year-old interior. The front pews and marble altar rail were modified to accommodate liturgical requirements, particularly for weddings, funerals and baptisms.

In September 1984, the restoration was completed and St. Peter's celebrated its sesquicentennial anniversary with Archbishop Pio Laghi,

Apostolic Pro-Nuncio from the Vatican, as principal celebrant of a commemorative Mass.

Taylor & Parrish, Inc. of Richmond was general contractor and handled concrete work.

SUBCONTRACTORS & SUPPLIERS (Richmond firms unless noted)

Lone Star Cement, Inc., concrete supplier; Southern Brick Contractors, Inc., masonry contractor; Empire Granite Corp., stonework contractor; North Carolina Granite Co., Mt. Airy, NC, stonework supplier; N. W. Martin & Bros., Inc., roofing; Greendale Railing Co., Inc., handrails; H. Beckstoffer's Sons, Inc., millwork; Allied Glass Corp., caulking, glass & glazing contractor; and F. Richard Wilton, Jr., Inc., Ashland, plaster contractor.

Also, Fendley Floor & Ceiling, Inc., resilient tile; W. W. Nash & Sons, Inc., painting contractor; M. A. Bruder & Sons, Inc., paint manufacturer; Reames & Moyer, Inc., plumbing/heating/ventilating/air conditioning contractor; Graybar Electric Co., Inc., lighting fixtures supplier; Thomas Harris & Co., Inc., lighting equipment; Northside Electric Co., electrical contractor; Walker-Hudson Construction, Inc., asbestos removal; Woody-Shelton Stained Glass Co., stained glass; Jarvis Corp., audio system; and Golden's Central Heating, Doswell, solid flue relining.

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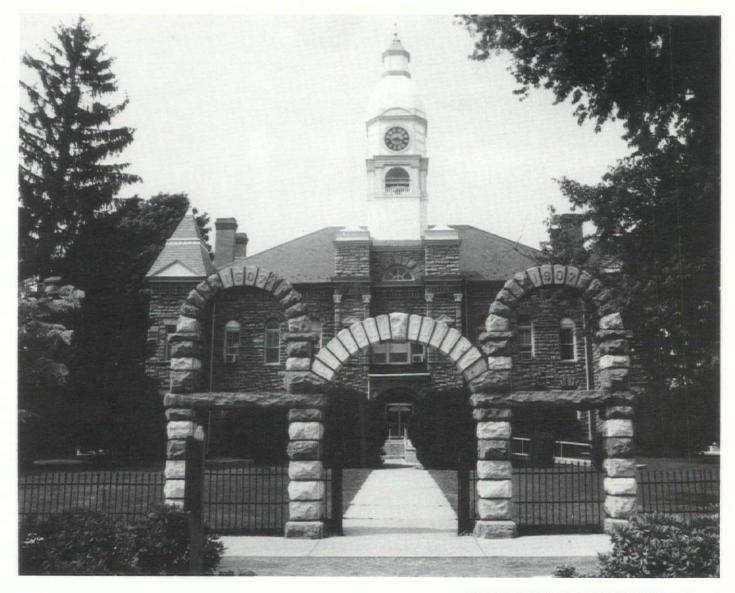
# Exterior Restoration, Pulaski County Courthouse Thomas A. Douthat, Jr., Architect

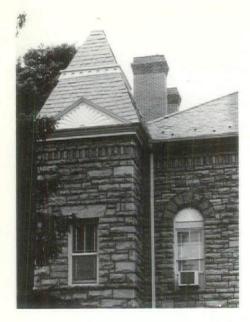
Location: Pulaski

Project Architect/Designer, Thomas A. Douthat, Jr. • General Contractor, General Masonry Contractors, Inc. • Photography, Thomas A. Douthat, Jr.

With time and Mother Nature having taken their toll, it became necessary to implement a restoration to the exterior of the Pulaski County Courthouse, a historic landmark located in Pulaski. Built in 1896, the courthouse is Romanesque in style and features exterior walls of native limestone from a local quarry along Peak Creek, slate roof and metal-clad clock tower and cupola. Standing in front of the courthouse is a matching "Peak Creek" limestone structure,

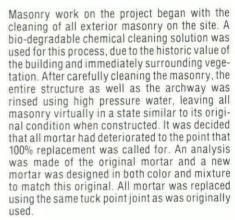
consisting of a series of three arches, which bears the inscription "Pulaski County, 1607–1907." These arches were originally constructed to serve as a gateway to the Pulaski County exhibits—being part of the mammoth Jamestown Exposition of 1907—held in Norfolk to commemorate the 300th birthday of Jamestown. At the close of the exposition the archway, which had been shipped to Norfolk, was dismantled and returned to Pulaski. The arch-





way was than again erected, this time in front of the Pulaski County Courthouse, where it remains to this day.

Exterior restoration to the courthouse and its stone arches encompassed basically all architectural components used in building the structures. The methods and materials used throughout the restoration were first approved by the Virginia Historic Landmarks Commission which used its own standards and regulations as well as those of the Department of the Interior, as guidelines for the project.



The existing slate roof, being six years old, was only repaired as needed. Missing and/or loose shingles and snow guards were replaced to match the original. All valleys were repaired as needed, and all flashing was completely replaced with new copper.

All exterior metal work, consisting of cornice, eaves, pediments, decorative trim, gutters and downspouts, and the entire clock tower and cupola were completely restored to their original condition as required. All deteriorated metal was replaced with new metal, to match the existing design and form. All metal work having been completed, it was then cleaned, scraped, primed and painted to match the original color. The very top of the cupola, being copper, required no repairs and was only cleaned.

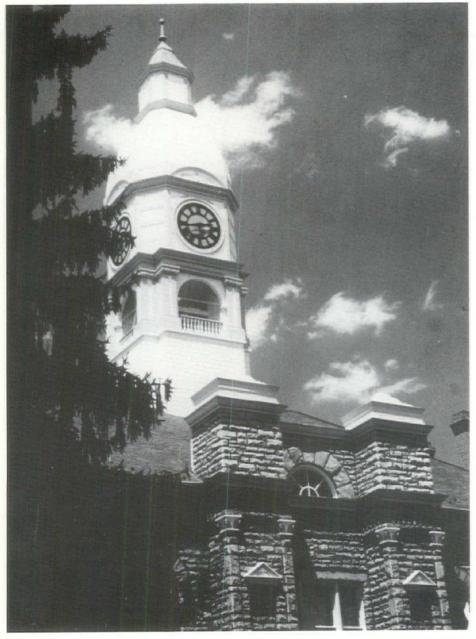
Glazing was replaced as required, prior to painting all windows and wood trim, also to match their original color. The four faces of the clock, consisting of plate glass in an iron framework, were also repaired and reglazed as required.

As a result of this cleaning, repairing and painting, the exterior of the Pulaski County Courthouse, undeniably one of the most attractive landmarks in Pulaski County, has been restored to its original condition, and its archway as well. This restoration not only reproduces the proud appearance it once had, but ensures the structure's preservation against the effects of time and weather.

General Masonry Contractors, Inc. of Columbus, Ohio acted as general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

New River Valley Home Improvement Corp., Pulaski, masonry supplier; Buckingham-Virginia Slate Corp., Richmond, roofing; Virginia Block Co., Pulaski, structural wood; Columbus Coal & Lime Co., Columbus, OH, waterproofing; Columbus Builders' Supply, Columbus, OH, Thoro Products caulking; F. O. Schoedinger, Columbus, OH, sheet metal; and B & A Paint Co., Columbus, OH, Sherwin-Williams paint supplier.



## 10 South Sixth

### Beckstoffer & Associates — Architect

Location: Richmond

Project Architect/Designer/Interior Designer, Claude P. Gentilhomme • Cost Consultant, John C. Beckstoffer • Structural Engineer, J. Wallace Johnson • Mechanical/Electrical Engineer, Colonial Mechanical Corp. • General Contractor, John C. Beckstoffer • Photography, Whitney Cox.



#### PROGRAM

Convert an existing three-story 50,000 square foot warehouse into prime office and retail space, with abundant natural daylight and an exciting and inviting interior design and circulation plan. Additionally, enclosed off-street parking was desired for 30 tenant cars (and one horse-drawn carriage). The existing loading dock areas were a major detraction that required special attention.

#### SITE

The project is located on the northwest corner of Sixth and Cary Streets in downtown Richmond. This is a prime location as Sixth Street has been designated by the city to be the major cross street for pedestrian activity. The major anchors on the street are Miller & Rhoads and Thalhimers department stores, the Marriott Hotel and the Festival Marketplace to the north, and the Ramada Renaissance Hotel (to open in Spring '86) to the south. A proposed steel wheeled trolly will travel down Sixth Street between Grace and Cary Streets as part of its route around the downtown area.

#### HISTORY

The building was constructed in 1911 as a tobacco warehouse for Captain John A. Hutcheson. During its 74 years of existence it has further served as headquarters for Western Electric, Graybar Electric, and most recently as Miller & Rhoads contract interior department, bakery, and warehouse.

#### **DESIGN SOLUTION**

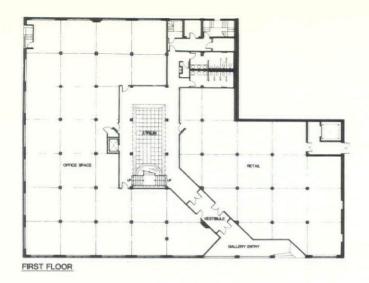
A two-fold approach was used to provide sufficient natural light to the interior. First, all windows were replaced with fixed, lightly tinted, insulated glass in deep red frames. Several window openings had to be cut down to provide a 42" window sill height. Windows are 10'-0" high on the first floor and 9'-6" high on the second floor.

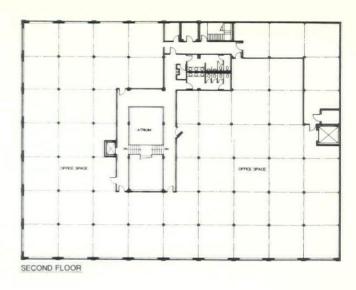
Secondly, a 16' x 22' skylighted two-story atrium, surrounded by open corridors with coffered ceilings, has been constructed in the

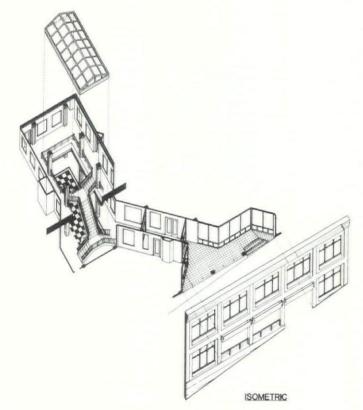












southern center of the structure. The atrium flooring is classic black and white marble in a checkerboard pattern, surrounded by dark green marble diamonds. At one end of the atrium is a grand staircase, suspended between balconies, with a fountain below. All office areas surrounding this atrium have large windows overlooking it, which provide a great deal of natural daylight. Finally, three existing skylights were retained and now provide additional natural daylight to the large second floor office area.

The atrium is detailed with a strong art deco (post modern) motif which is reminiscent of the original exterior design. However, the atrium design has been refined and highlighted with polished bronze and Honduras mahogany. The standard interior finishes are: 8'-4" Honduras mahogany doors and frames with bronze hardware; 2' x 2' acoustical tile ceilings with recessed grid; vertical blinds at all windows; painted gypsum wallboard walls; and custom carpeting.

The overall interior design concept was to completely redesign the whole space to be formal,





## John C. Beckstoffer

General Contractor for 10 South Sixth Currently Featured

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10 South Sixth St. Suite 202 Richmond, Va. 23219 sophisticated, efficient, and to be reminiscent of classical design without being a reproduction. Even the original skylights are totally obscured by new translucent panels installed below them. This allowed almost total freedom in developing the interior, limited only by existing column placement, but hardly by structure height which allowed 10 foot standard ceilings with some areas even higher.

The exterior was addressed in a straightforward manner. Inviting recessed entrances have replaced the loading docks. The remaining exterior surfaces were cleaned and cleared of all extraneous items that had collected over the past 74 years. The surfaces were then painted in a three-tone limestone scheme with elastomeric textured paint to conceal blemishes. The darkest shade is used to establish a "base" on which the main structure (first and second floors) sit. Subtle horizontal "rustication joints" are defined on the base with a lighter limestone shade. The lightest shade is used on the main structure, which receives subtle detailing from the existing pilaster-beam-infill wall design and heavy stepped cornice.

John C. Beckstoffer of Richmond was general contractor and handled steel erection and carpentry.

SUBCONTRACTORS & SUPPLIERS (Richmond firms unless noted)

R. A. Grady Concrete Restoration Co., Inc., concrete contractor; Hammond Masonry Corp., Sandston, masonry contractor; Browning Steel Co., Inc., steel supplier; Creative Iron, Inc., Hanover, miscellaneous metal & handrails; Old Dominion Roofing & Construction Co., Glen Allen, built-up roof; Advance Insulation & Supply, Inc., roof and wall insulation; H. Beckstoffer's Sons, Inc., millwork, paneling, cabinets & wood doors; American Door & Glass, Inc., glass, glazing contractor, window/window wall/storefront/skylight installation; Kawneer Co., Inc., Niles, MI, window, window wall/storefront supplier; Hankins & Johann, Inc., skylight supplier; and Architectural Hardware, Inc., metal doors & frames & hardware supplier.

Also, A. Bertozzi, Inc., gypsum board contractor; General Tile & Marble Co., Inc., ceramic tile & marble flooring; Manson & Utley, Inc., resilient tile; W. W. Nash & Sons, Inc., painting contractor; Creative Paint & Wallpaper, Inc., paint supplier (Benjamin Moore paints); Wolf Gordon, wall covering; Forms & Surfaces, specialties; Martin Metalfab, Inc., equipment; Gayle S. Mann Jr. & Co., Inc., fountain; Dover Elevator Co., elevator; American Sprinkler Systems, Inc., sprinkler contractor; Colonial Mechanical Corp., plumbing fixture/lighting fixtures/electrical equipment supplier and plumbing/heating/ventilating/air conditioning/electrical contractor; HIVA of Richmond, Inc., Ashland, Armstrong acoustical ceiling; Robert MacIver & Associates, carpet supplier; Superior Floor Covering, Inc., carpet installation; Roanoke Engineering Sales Co., Inc., toilet accessories; LouverDrape, Inc., Falls Church, vertical window blinds; and Slate's Rides & Tours, horsedrawn carriage.

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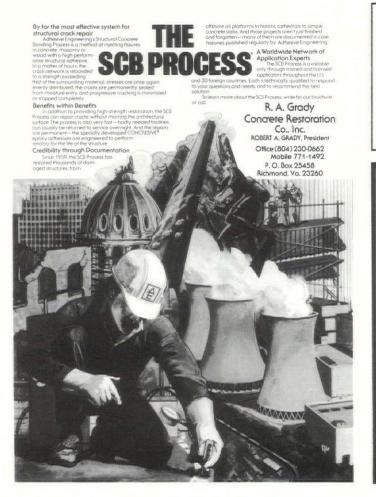
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# Broaddale Village Center

## Barkley Pierce Associates, Architects & Planners

Location: Falls Church

Owner, Broaddale Venture Group • Associated Architect for the Addition, The Marriott Corporation • Landscape Architect, LA-W, Matthew Evans, Principal • Color Consultant, Cory & Co. • Site Engineer/Surveyor, Walter L. Phillips, Inc. • Geotechnical Engineer, Schnabel Engineering Associates • General Contractor, Hitt Contracting, Inc.



The recently renovated and expanded Broaddale Village Center, Falls Church, has received much acclaim from citizens and business people alike for being the first major beautification project along the city's neglected main street.

The 25-year-old center, allowed to deteriorate by former owners, became 65% vacant with the closing of a former Grand Union food store in February 1984. The new owners, Broaddale Venture Group headed by Falls Church architect Paul H. Barkley, quickly united the interests of the city and citizen groups to plan the redevelopment of the strategically situated property.

The Falls Church City Council, responding to a petition from the developer, agreed to provide public improvements along the 500 lineal feet of West Broad Street [Virginia Route 7] frontage,



including the undergrounding of utility lines. In return, the developer provided the city with a greater degree of control over the design of the project, including involvement in the selection and mix of tenants. In addition, several overdue zoning ordinance changes were expedited by the city to permit the expansion of the shopping center.

The developer, intrigued by the proposed Broad Street landscaping plan prepared by the Falls Church Preservation and Improvement Society, retained the plan's designer, Matthew Evans of LA-W, to incorporate the concepts of his "greensleeves" plan into a landscape plan for the center.

A significant aspect of the plan was turning a five-foot sidewalk between a busy four-lane street and the center's parking lot into a 26-foot-wide landscaped public space with a brick walk set between two rows of closely spaced thornless honey locusts. In addition to providing a safer and more pleasant area for pedestrians, this plan acted as an inducement for people to walk to and from the shopping center.

A small "mini-park" at the property's corner provides a peaceful resting spot along the way, at the same time providing the site for a red oak commemorating the location of the historic "Hangman's Tree" that once stood in the vicinity. The Falls Church Historical Commission provided a bronze plaque to record the site.

For its achievements in landscaping the center, Broaddale Village Center was awarded a Certificate of Commendation by the Village Preservation and Improvement Society at its 1985 Excellence in Design awards program. The project and its designers were cited for significant contributions to the beautification of Falls Church through the planting of numerous mature trees throughout the development.

Overall project design and coordination was handled by Falls Church architects, Barkley Pierce Associates. The firm also designed the renovation of the existing 25,000 square foot, one-story shopping center. A 5,425 square foot Bob's Big Boy restaurant addition was designed by the Marriott Corporation of Washington, D.C. Walter L. Phillips, Inc. of Falls Church developed the site plan which provided parking for 130 automobiles and approximately 4,500 square feet for new landscaping not including 5,000 square feet given to the city by the developers for the landscaped pedestrian way along West Broad Street.

To improve the appearance of the principal store front facade, the architects devised a series of fabric awnings that provide for a uniform treatment of the signage. The canopies shade the Southern exposure and create an inviting environment. In addition, the awning system with individual circle dome canopies proportioned to each shop's frontage gives the center a harmonious and unified design while providing a degree of personalized identification for each shop owner.

This noteworthy commercial revitalization project involving the innovative action of both the private and public sectors has successfully brought to the city's central business district new and attractive business enterprises, land-scaped amenities and economic growth that will hopefully be a model for future development in Falls Church.

Hitt Contracting, Inc. of Arlington was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

T. D. Fraley & Sons, Inc., Alexandria, brick mason; Design Pavements, Inc., Millersville, MD, brick pavers; Asphalt General, Inc., Berwyn Heights, MD, paving; Do-All Concrete Co., Arlington, concrete walks; Vouga Construction Co., Arlington, concrete curb and gutter; Clark Roofing, Inc., Ft. Washington, MD, roofing; Door Systems, Inc., Lorton, rolling door; and Woodbridge Glass Co., Inc., Woodbridge, store front.

Also, Acoustical Ceilings, Inc. (ACI), Merrifield, acoustical ceiling; Marty's Inc., Alexandria, resilient flooring; Washington Canopies, Inc., Hyattsville, MD, canopies; Carroll V. Shreve & Sons, Inc., Falls Church, plumbing & electrical; Joseph M. Catalano Co., Inc., Falls Church, electrical fixtures; Pulpen Landscape Contractor, Alexandria, landscape contractors; Fiberglass Engineering Co., Midland, insulation; Jack Stone Sign Co., Inc., Landover, MD, signs; and Industrial Air Conditioning Co., Falls Church, air conditioning.



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# Harbour Place Condominium and Parking Structure MMM Design Group — Architect

Location: Norfolk

Project Architect/Designer, Tom Tingle, AIA
Landscape Architecture, By Owner • Interior Designer, Cost Consultant, Site Engineer/Surveyor, Structural/Mechanical/Electrical Engineer, MMM Design Group • Geotechnical Engineer, NFS Service • General Contractor, Bush Development Corp. • Photography: MMM Design Group.

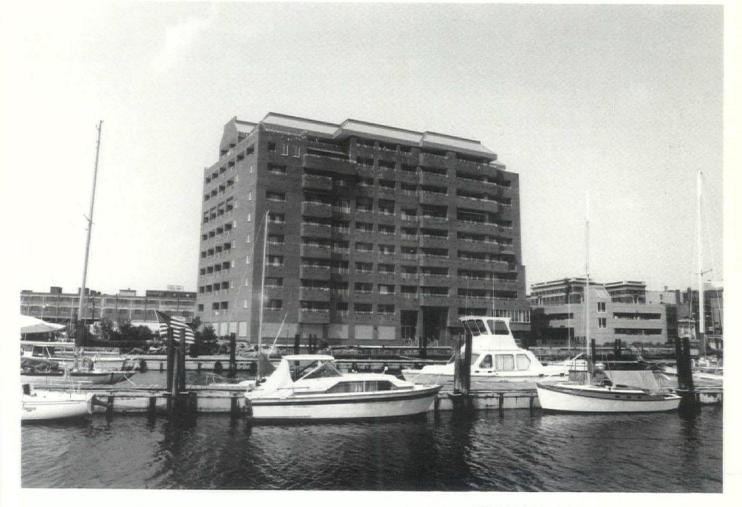
Converting a 97-year-old cold storage building into 78 luxury condominiums and five retail shops is definitely a design challenge. In this case, the Boush Cold Storage Building had sat vacant on Norfolk's downtown waterfront for about 10 years, but its concrete columns and floors were determined sound by MMM Design Group's engineers. As a result, the existing seven-story concrete structure was stripped of a multi-wythe brick veneer to become the skeleton for a 10-story, 213,000 square foot adaptive re-use project, integrating "state-of-the-art" residential requirements into a century-old landmark on Norfolk's waterfront. The whole waterfront parcel is part of the city's Downtown West Redevelopment Project, and this project is

based on a winning proposal submitted to the Norfolk Redevelopment and Housing Authority in 1982 by Harbour Place Associates.

Located at the foot of Brooke Avenue, within walking distance of the city's Central Business District and the Waterside Festival Marketplace, Harbour Place Condominiums provides a secure living environment with spectacular views of the Elizabeth River between Norfolk and Portsmouth. The high-rise building design includes protruding, angled balconies on the north and south sides, which provide the majority of living units with water views. Exterior architectural details, such as metal pipe railings and canvas awnings, were selected to complement Nor-

folk's working waterfront with its bulkheads, docks, tugboats, and large seaworthy ships which pass within yards of the site daily.

The main entrance to Harbour Place is on the northwest side of the building, with a secondary eastern entrance directly adjacent to a new parking structure. The three-story precast concrete parking garage, which houses 123 vehicles, is oriented so as to buffer the higher condominium structure from heavy downtown traffic. A new brick veneer which matches closely the original brick color was used to sheath both the reused existing concrete structure and the new steel framework which was added above and immediately adjacent to the existing con-



crete structure. This allowed new stair, elevator, and mechanical shafts to be included inside the new building envelope without penetrating the existing concrete floor slabs. The new envelope also included sliding windows and doors which were specially designed to withstand wind-driven rain. Pre-formed, sloped metal roofing was used to define the upper limit of the structure and to conceal a mechanical equipment penthouse.

On the interior, selected bays of existing concrete floors were removed to provide a special interior feature at the elevator lobbies. By removing a single structural bay of existing floor on alternate levels (3rd, 5th, 7th and 9th) in front of the new elevators, two-story lobbies have been created, adding a grand vertical scale and a feeling of spaciousness to each living level. At the 10th level a sloped skylight is provided above the uppermost "double-height" lobby, while at other floors the design includes a builtin lighting fixture valance, which provides indirect artificial light to simulate the natural lighting above. Another striking design feature is the large main lobby and mezzanine bridge, where massive exposed concrete columns have been refinished, but left exposed as visual reminders of the original warehouse use.

Living units vary from 400 square feet (efficiency size) to 3,100 square feet, plus 1,500 square feet of exterior balcony. This wide variation in size is indicative of a wide variation in unit layout. In fact, due to custom work encouraged by the developer and coordinated by MMM Design Group, there is a much greater variety of interior configuration and finishes than is com-

SINT STRUCTURE

THE S

mon in a typical high-rise residential building. This factor alone makes the project unusual in the realm of multi-level residential structures.

Other amenities within the building include a complete recreation area with pool, hot tub, sauna, exercise room, locker room and passive recreation area. Twenty-four hour building security is assured by means of remote monitoring systems and automatic smoke and fire alarm systems. The developers for the project, Harbour Place Associates, were intent on generating a residential environment for active professionals in a revitalized center city area. Har-

bour Place Condominiums meets this goal, and serves as a pilot residential project on a key urban waterfront site. This project was substantially completed as of June 30, 1985.

Bush Development Corporation of Norfolk was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

Other Norfolk firms were: Globe Iron Construction Co., Inc., structural steel; Hogshire Industries, Inc., awnings; PPG Industries, Inc., storefront; Roof Engineering Corp., roofing; Snow, Jr. & King, Inc., masonry contractor; Otis Elevator Co./United Technologies, elevators; Winkleman, Inc., paving; Hall-Hodges Co., Inc., reinforcing steel; and Lone Star Cement, Inc., concrete.

From Virginia Beach were: H. B. Carawan Co., carpentry; Ford Pile Foundations, Inc., concrete piling; Dozier Enterprises, excavating; McBroom Pool Products, Inc., swimming pool & spa; and Welch Pile Driving Corp., pile driving.

Others were: American Coatings Corp., Richmond, spray-on fireproofing for structural members; Concrete Structures, Inc., Richmond, precast concrete; Inner Space Systems, Portsmouth, vinyl coated shelving; Irongate, Inc., Stephens City, railings; League Construction Co., Newport News, concrete foundation; Inner-View, Ltd., Chesapeake, site work; K & P Caulking Co., Inc., Portsmouth, caulking & sealants; Oliver Jacobs Construction Corp., Chesapeake, concrete contractor; and P & P Contractors, Rockville, MD, metal studs & drywall.

Also, Painting Concepts, Inc., Tabb, painting; Perma-Clad of Georgia, Inc., Doraville, GA, preformed metal roofing; Pompei Tile Co., Inc., Newport News, ceramic tile; Quinn Mechanical, Vienna, HVAC & plumbing; Smithfield Associates, Inc., Smithfield, electrical; Tidewater Fire Protection Co., Inc., Chesapeake, sprinklers; Wrecking Corporation of America, St. Louis, Inc., Alexandria, demolition; and Webster Brick Co., Inc., Roanoke, brick.





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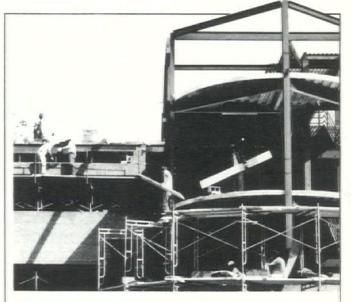
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## E. Claiborne Robins School of Business

Marcellus Wright Cox & Smith Architects, P.C.

Additions & Renovations • Location: University of Richmond

Project Architects/Designers, E. A. Smith, III, E. T. Davis, and F. M. McMullin • Landscape Architect, Preston Dairymple • Interior Designer, MWC&S — Barbara Goodwin • Structural Engineer, St. Clair, Calloway & Frye • Mechanical/Electrical Engineer, Roache, Mercer & Faison • General Contractor, Bass Construction Co., Inc. • Photography, Whitney Cox.

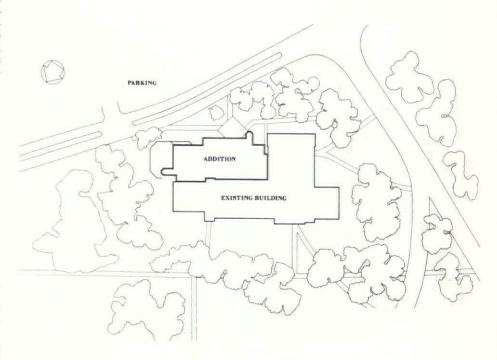
As is typical with many growing colleges, the E. Claiborne Robins Business School at the University of Richmond had outgrown its original facility. Faculty offices had been inefficiently created by dividing original classroom spaces, yet still the entire faculty could not fit into the building. Both the University, the College and the increasingly busy Graduate (night) School expressed the desire to be housed in one structure.

The renovations and additions have returned the existing building to its original, and most efficient, configuration. Acoustical and technical improvements have been added to the auditorium and large classrooms and all finishes have been renewed.

The addition houses media-equipped classroom and seminar spaces and new administration, reception and conference rooms on the first two floors. The third, and most private, floor consists of additional faculty offices. An atrium has been created between the old and new buildings which both permits the existing classroom windows to receive natural light and provides the University with a pleasant and unexpected reception and entertaining area.

A new entrance was provided for both faculty, guests and commuting students on the (formerly) back side of the building.

As the Business School is the first structure that is visible from the entrance to the University, it was critical that, stylistically, it blend well with the Gothic revival buildings at the University. This has been achieved by careful and imaginative use of stone detailing. (The original buildings by Cram Goodhue and Furquson were all









designed using playful, often amusing, stone corbeling, moldings, gargoyles and patera.)

It is the intent of the architects that the new School of Business provide an efficient and pleasant working environment for the College as well as an appropriate and enthusiastic contribution to the University.

Bass Construction Co., Inc. of Richmond acted as general contractor for the project.

SUBCONTRACTORS & SUPPLIERS (Richmond firms unless noted)

E. G. Bowles Co., general excavation; Richmond Termite Co., soil poisoning; Lone Star Industries, Inc., ready mixed concrete; Bethelehem Steel Corp., reinforcing steel & mesh; Capital Masonry Corp., masonry & stone setting; Woolery Stone Co., Indiana, limestone; Hercules Steel Co., Inc., Jarratt, structural & miscellaneous steel; Martin Fireproofing, Buffalo, NY, cement roof panels; Richmond Primoid, Inc., waterproofing; N. W. Martin & Bros., Inc., roofing; Tri-City Insulation, Inc., insulation; and E. S. Chappell & Son, Inc., caulking.

Also, Imperial Glass Structures, Illinois, skylight; Danville Lumber & Mfg. Co., Danville, millwork, casework & wood doors; Richmond Glass Shop, Inc., glass & glazing; Horace L. Lipford, Inc., Mechanicsville, steel windows; Roanoke Engineering Sales Co., Inc., hollow metal doors & frames & toilet accessories; J. S. Archer Co., Inc., finish hardware; F. Richard Wilton, Jr., Inc., Ashland, drywall/plaster; Waller Bros. Tile, Marble & Terrazzo Co., ceramic tile; Manson & Utley, Inc., acoustical tile & resilient flooring; W. W. Nash & Sons, Inc., painting; Schalow Mfg. Co., Inc., Powhatan, chalkboards, tackboards, projection screen; and Barranger & Co., Inc., toilet partitions.

And, James F. Hickson, Inc./Construction Specialties, Inc., Iouvers; Dover Elevator Co., elevator; Hungerford Mechanical Corp., mechanical; Tate & Hill, Inc., electrical; Thomas Harris & Co., Inc., lighting equipment; Honeywell, Inc., controls; Livers Bronze, Missouri, handrails & railings; Wes-Way Sprinkler Co., Inc., Mechanics ville, sprinkler; Empire Granite Corp., granite column; and Benders Venetian Blinds, Inc., window shades.



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## Bunker Office Building Rancorn, Wildman & Krause — Architects

Location: Newport News

Structural Engineer, Stroud, Pence & Assoc., Ltd. • Mechanical/Electrical Engineer, Cuppett Design Associates • Geotechnical Engineer, Coenen & Associates, Inc. • General Contractor, The Commonwealth Co. (ComCo., Inc.).

Located in the 700-acre Oyster Point Industrial Park are 20 solid concrete ammunition bunkers. The 2,100 square foot bunkers were built by the government to store ammunition in WWII. The topsoil covered bunkers are now concealed by a thick growth of trees and underbrush. Too costly to remove, the 20 foot wide by 80 foot long structures were being sold at \$20,000 apiece. The client purchased a single bunker to be used as rental office space. Two additional small office buildings were required on the site as a part of the program.

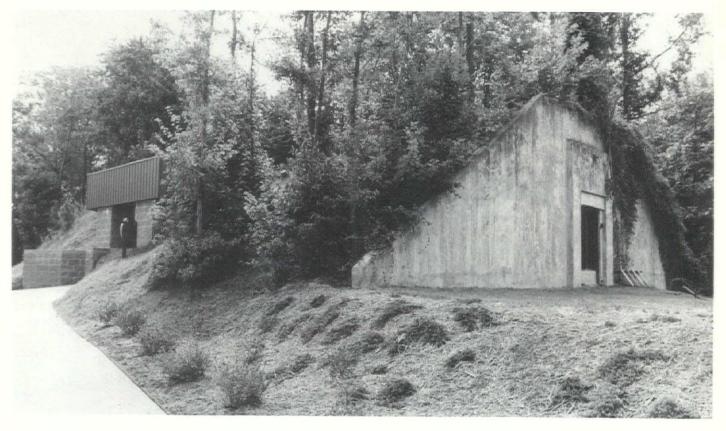
The existing bunker was in good condition when purchased. The architectural design solution required little more than providing centrally located toilet facilities, new finishes, and a new entry. The space was left open to allow flexibility for unknown tenants. A new entrance was punched in the side wall, allowing the architect to use the same material of the two adjacent buildings. This use of split faced block and

metal fascia band was one way in which an old ammunition bunker could co-exist on a small site with two new office buildings. Additionally, the new buildings were bermed providing another link with the earth-covered bunker structure as well as obvious energy efficiency benefits.

The Commonwealth Co. (ComCo, Inc.) of Hampton was general contractor for the project, and handled roof, wall and foundation insulation.

SUBCONTRACTORS & SUPPLIERS (Hampton firms unless noted)

M. K. Taylor Jr. Contractor, Inc., landscaping contractor; L & H Concrete, Newport News, concrete contractor; Chesapeake Masonry Co., masonry contractor; Blau Plumbing & Heating, plumbing/heating contractor; Cascade Heating, Air Conditioning & Refrigeration Service, Newport News, air conditioning; and E. H. Cromer Electric Co., electrical contractor.



## Sovran Bank — Pentagon Branch

Ward/Hall Associates, AIA — Architect

Location: Pentagon North Concourse, Arlington

Project Architect/Designer, J. Patrick Higgins, AIA • Interior Designer, Ward/Hall Design Associates, Inc. • Structural Engineer, Thomas Downey, Ltd. • Mechanical/Electrical Engineer, G.H.T. Engineering • General Contractor, Hitt Contracting, Inc. • Photography, Chris Hubbard, Robert Rathe.



PROJECT

A 5,735 square foot, 19-station teller line, branch bank facility for Sovran Bank.

PROGRAM

Major Design Goals:

- The creation of a branch bank in an existing facility.
- B. The consolidation of two branch banks.
- C. A strong visual image which creates a focal point at one end of the concourse (the concourse is similar to the interior of a regional mall).
- D. A comfortable working environment.
- E. The development of adaptable design elements that can be used in future bank facilities.



#### SOLUTION

The design of the bank was restricted to a certain degree by the fact that the facility was to be placed within an existing structure. This meant that the design had to accommodate an existing electrical and mechanical configuration as well as maintain a series of well-defined circulation patterns. In addition, there was a severe restriction on the placement of the bank vault due to the structural uncertainty of the existing construction.

The bank facility is positioned at one end of the concourse and is well defined by Sovran's logo colors of red and blue. The colors run along a cove lit bulkhead in the concourse and serve to identify the bank lobby and customer service areas.

The bank interior is designed to accommodate a centrally positioned vault and includes 19 teller positions, 5 automatic teller units, 1 night depository and 16 offices configured in an open plan supported by a conference room and employee's lounge. The partitioned offices are furnished with steel case modular furniture and use tones of grey as the primary color. The bank logo colors are used in furniture accent pieces. The teller line and 24-hour customer service waiting area (ATM Area) are both highlighted with barrel vaulted ceilings and cove lighting.

The Pentagon Branch of Sovran Bank was completed May 2, 1985.

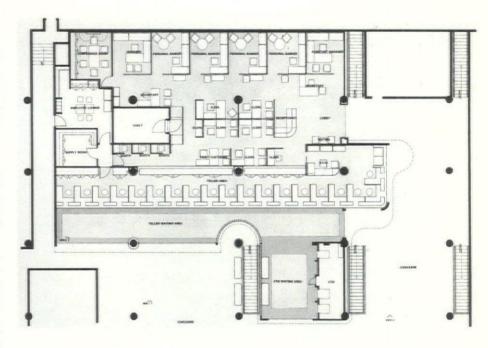
#### CONSTRUCTION CREDITS

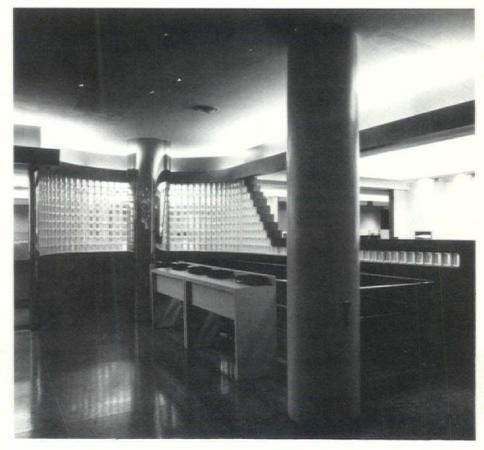
Hitt Contracting, Inc., of Arlington, was general contractor and handled concrete work, masonry work, glass block, carpentry, caulking, gypsum board work, resilient tile, painting and special wall finish.

#### SUBCONTRACTORS & SUPPLIERS

Miscellaneous Metals, Frederick, MD, reinforcing, steel supplier & miscellaneous metal; Elliotte Rigging, Beltsville, MD, steel erection; Custom Woodwork, Inc., Richmond, millwork & cabinets; Yeatman Architectural Hardware, Inc., Clinton, MD, hardware supplier; and Acoustical Ceilings, Inc. (ACI), Merrifield, acoustical treatment; Milliken & Co., LaGrange, GA, carpet manufacturer; Benjamin Moore Paints, Montvale, paint manufacturer; and Nevamar, Wilsonart & Formica, plastic laminate.

Also, Benjamin Buchbinder Assoc./Pittcon, Washington, DC, column covers; Diebold, Inc., Bank Systems Group, Mechanicsville, equipment; Air Comfort Contractors, Springfield, heating/ventilating/air conditioning contractor; Lightolier, Jersey City, NJ, electrical equipment supplier; R. E. Wright Electrical Contractors, Upper Marlboro, MD, electrical contractor; Steelcase, Inc., Washington, DC, office furniture; and Metropolitan Rolling Door, Inc., College Park, MD, Cornell rolling grill.





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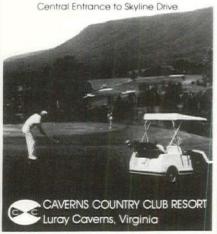
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#### First Restaurant in James Center

Richmonders now have an aviary in downtown Richmond.

The Butlery, Ltd. opened the Aviary, the James Center's premiere restaurant on Wednesday, October 16

Located at 901 East Cary Street, the 4,000-square-foot Aviary will seat 100. The restaurant will serve lunch and dinner daily. Additional facilities include the Aviary's "gourmet-to-go" breakfast and lunch take-out area, "A La Carte," and the Aviary Lounge.

"It is exciting to be a part of Richmond's incredible growth," said Donald E. Bleau, president of The Butlery, Ltd. "The Aviary will be a very special addition to the James Center and to the entire downtown Richmond experience."

Bleau said the Aviary will be Richmond's first restaurant to specialize in the new American and Californian cuisine. "We'll have items new to Richmond such as grilled salads, a grilled pate, regional seafoods and lighter styled vinaigrette sauces. We'll also have special Virginia cuisine according to season such as fresh Virginia racks and lamb and Bay Crabcakes."

Ken McKeon has been appointed head chef of the Aviary. Ted Santarella will serve as manager.

The Aviary was designed by Tom Bacon, recently appointed vice-president of the new Butlery Design Group. Bacon joined The Butlery, Ltd. after serving for ten years at Miller and Rhoads, most recently as director of creative merchandising.

"The Aviary will be in keeping with the James Center: sleek and contemporary," said Bacon. The idea behind the Aviary design is to provide an oasis from Richmond's busy financial district, according to Bacon.

The Aviary will open for breakfast take-out at 8:00 a.m. Lunch will be served from 11:00 a.m. to 3:00 p.m. Dinner will be served from 5:30 p.m. to 11:00 p.m.

The Butlery, Ltd. is a specialty foods and design corporation with restaurant, catering, residential and commercial interior design divisions. Headquartered in Richmond, Virginia, The Butlery, Ltd.'s corporate offices are located at 1906 North Hamilton Street.

#### Lee-Fendall House Celebrates 200th Anniversary of Construction

Exactly 200 years to the day that George Washington became the first official houseguest at the Lee-Fendall House, the Virginia Trust for Historic Preservation is marking the 200th anniversary of the construction of the historic home.

On Nov. 10 from 1 p.m. to 4 p.m., the long tradition of the large white frame house at 614 Oronoco St. in Old Town Alexandria was celebrated with a reception.

Visitors to the free open house took guided tours of the home and tasted refreshments popular during the Victorian period. A special anniversary exhibition, "A Grand Finale: Victorian Cheese Dishes," featuring the collection of Mr. and Mrs. Clayton R. Hawkins was also on view, highlighting a unique aspect of family life in that era.

Philip R. Fendall, a prominent attorney, built the house. It was in the Lee-Fendall House that the original lot owner, Light Horse Harry Lee wrote the Farewell Address from the citizens of Alex-

andria to George Washington upon his departure to assume his first term as president.

The first recorded visitor to the home, George Washington noted in his diary on Nov. 10, 1785 that he came to Alexandria that day and dined with Mr. Fendall. During its long history, the residence was home to 39 Lee family members through 1903. Most recently, it was the residence of labor leader John L. Lewis before becoming a museum owned and operated by the Virginia Trust for Historic Preservation.

The museum is presented in 1985 as it appeared in the 1850s when the house underwent a major renovation. An estate inventory of the contents of the house in 1852 has aided in a reinterpretation of the home emphasizing this period.

The Lee-Fendall House is open for public tours 10 a.m. to 4 p.m. Tuesday through Saturday and from noon to 4 p.m. on Sunday. For more information, call 548-1789.



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## Sandpiper Key Office Condominium The Design Collaborative — Architect

Location: Virginia Beach

Project Architect/Designer, Edward A. Roehm, AIA • Interior Designer, McDonald Design • Site Engineer/Surveyor, Gallup Surveyors & Engineers • Structural Engineer, Stroud, Pence & Associates, Ltd. • General Contractor, Cross Construction Co. • Photography, John Ritger.

Architect Edward R. Roehm designed the Sandpiper Key Office Condominium to blend with its neighborhood surroundings as well as to furnish a unique office building in a thriving area of Virginia Beach known as "Birdneck." The surrounding wooded area is designated as a bird sanctuary. The 1.86-acre site is irregular in shape and called for special considerations and sensitivity to neighboring sites.

Developer, Don Perry, saw the coming trend of the small business investor furnishing the perfect market for office condominiums. Because they are only 5 or 10 minutes from many executive residences at the beach, their popularity was assured. The option of owning one's own space has decided tax advantages and is less burdensome financially than owning a whole building. In a city where office space seems to be overproduced, this office condominium is selling nicely. Six months after opening, the complex was 50% sold.

Unusual problems and more than a few obstacles were integral to its development. In the first place, the land in Birdneck Office Park consisting of 11 lots, was originally zoned for a residential subdivision, with a "paper street" on its north border. The whole area was dense woodlands bordered on the south by Laskin Road, one of the main east-west arteries of the city. North of the woodlands, established residents with a powerful Civic League had put down roots. When gasoline prices rose, residents of the beach wanted office space near their homes to eliminate the long commute, so the land was re-zoned for offices, with a few easement restrictions.

The neighbors wanted the offices to look more residential than commercial, to be no more than 35' high, with parking and driveways 30' off the north property line and no buildings within 20' of the line. This was to protect their established neighborhood from being disturbed by the wheels of commerce, car lights shining into their bedroom windows, and high-rise nightowls seeing into their private living spaces.

Developers bought the newly zoned lots with the intention of maximizing the use of the space, and started clearing land. Then came the "Catch 22." The strip of land that was originally a "paper street" had been cleared of trees so the city could install water lines. When the developers cleared land up to that boundary, they found that the 20' strip of wooded area that they expected to find between their lot line and the residential lot lines to the north was "naked as a jaybird." In other words, there was no privacy barrier, and it would take a hundred years to grow those trees back.

The Civic League came into action. This required some flexibility on the part of the architect, the developer and his agent, Jim Brunt. Sensitive to neighborhood good will, they worked out their differences from the outset. The compromise on the part of the developers meant excluding the chimneys, which were part of the facades, erecting an 8' privacy fence on the north boundary and restricting parking areas to 20' off the lot line.

The resulting complex is a cluster of three buildings in a "U" shape, around a courtyard with second-story breezewalks running the length of the court. The effect is reminiscent of New Orleans in the lightness of the openwork balconies and "catwalks." Ease of ingress and egress is facilitated by wrap-around parking. Professionally landscaped and dramatically lighted at night, the condominium complex has generated considerable attention, all of it favorable.

A strong effort was made to keep the scale of the building in harmony with the residential character of the neighborhood. Of the 32 units available in the three buildings, there is a total of 31,400 square feet. Separating the square footage between three buildings not only lightens the appearance of the complex, but adds a unique flavor and facilitates locating a particular office.

Masonry end walls give a substantial feeling and create a gateway effect to the inner court-yard. A patterned effect, created by alternating bands of smooth and split-faced concrete masonry units with brick, accentuates the lines of the bridges and creates visual interest. The bridge structure connects all the second floor offices and creates a kind of community experience between offices, allowing cordial exchanges across an adequately separated space.

Cross Construction Company of Virginia Beach was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS (Virginia Beach firms unless noted) Ron Stephens Clearing & Grading, Chesapeake, excavating; Brooks Landscaping (Brooks Ost-



rander), landscaping contractor; Economy Asphalt, Inc., paving contractor; McLemore Concrete, concrete contractor; Eastman Corp., masonry supplier; Fabricated Metals Industries, Inc., Roanoke, steel supplier; Franks Welding, steel erection & handrails; Greenwich Supply Corp., wall insulation & plaster contractor; and Copeland Construction Co., carpentry.

Also, K & P Caulking Co., Inc., Portsmouth, caulking; Addington-Beaman Lumber Co., Inc., Norfolk, glass, wood doors & windows; Lowe's of Virginia Beach, metal doors & frames; Door Engineering Corp., Norfolk, hardware supplier; J. C. Law & Son, Inc., Norfolk, ceramic tile & carpet; Stith & Fincham, painting contractor & wall covering; Norfolk Paint Co., Inc., paint supplier; Westinghouse Elevator Co., Norfolk, elevator; Byler Plumbing Co., plumbing contractor; Aircon Ltd., Chesapeake, heating/ventilating/air conditioning contractor; and L. E. Ballance Electrical Service, Inc., Chesapeake, electrical contractor.



# Psychiatric Associates of Tidewater Morrisette Cederquist Bondurant — Architects

Location: Virginia Beach

Project Architect/Designer/Interior Designer,
L. W. Kliewer, Jr. • Landscape Architect,
Steele Associates • Site Engineer/Surveyor,
C. Allan Bamforth, Jr. • Structural Engineer,
Morrisette Cederquist Bondurant • Mechanical/Electrical Engineer, Bowman & Associates • Interior Plantscaper, Mr. Greenjeans •
General Contractor, W. B. Meredith, II, Inc.

PROGRAM

The consolidation of three offices operated by Psychiatric Associates of Tidewater, Inc. (PAT) formed the nucleus of the design program, which further dictated an elegant quasi-residential architectural and interior design statement

for a large professional corporation. Additionally, the arrangement of spaces is such that a large waiting area seating as many as 40 people would be naturally subdivided, with each area serving a select group of professional offices beyond it. This operational separation between the medical professional and the patient, and the requirement to create an elegant, soft, comfortable series of interior spaces which reflected PAT's attitude about the environment offered to its clientele, were paramount. Ten psychiatric professionals would be practicing at this location from the outset with plans to extend eventually to 15. Each professional required his or her own private office space coupled with community areas including children's playrooms, a group therapy room and a medical examination

room. Other requirements dictated public as well as private restrooms, a business office, and an executive kitchen and dining area.

SITE

Located in the Hilltop section of Virginia Beach in an area consisting of multiple family housing and light commercial development, the site was void of any natural landscape. It was completely flat and had no significant views.

SOLUTION

The design evolved out of the creation of a large central core, which turns the building into itself to create a natural and inviting environment in the center of the structure. Native Virginia architectural elements and materials generate a strong sense of familiarity between the building and its surroundings. Salmon colored brick was used on the exterior of the building; floor to ceiling windows penetrate the facade bringing the outside into each office space. The recess allows for the decorative as well as structural columns and precast concrete lintels which are carried around the entire facade. This combination of materials softens the exterior adapting it well to the surrounding environment.

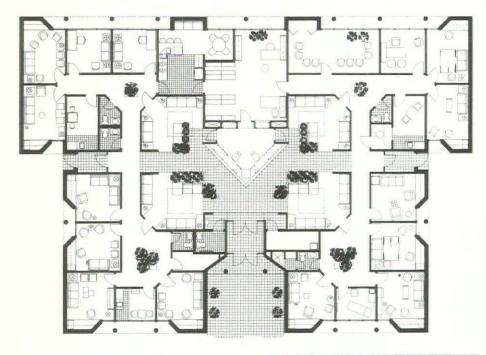
The entry is recessed drawing you into the central core. The glazed brick paver plaza begins at the parking lot and flows through the central core and into the public areas reinforcing the circulation plan. At either end of the major building axis glass exterior doors are located to provide private access for the staff as well as creating a visual linkage to the exterior environment.

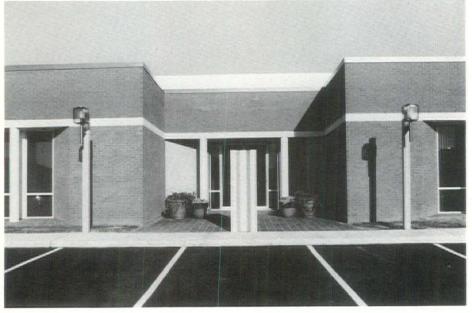
By turning the building into itself a natural environment which successfully relates to the clients' need for privacy was created. Four quadrants were generated off the central reception area creating a symmetrical design with two horizontal axles. Each quadrant is designated by its own waiting area and consists of private offices for the professional staff. Restrooms and a specialty rooms such as children's playrooms and a medical examination room are located in each quadrant as well. A group therapy room and executive kitchen and dining area are located on the back side of the building along with offices for future expansion.

The soft palette of interior finishes and materials which begins in the public areas is augmented by the use of interior skylights set within a cypress ceiling above each waiting area. Walls are covered in fabric wallcarpeting. Lacquered American Brown Mahogany is used extensively throughout the interior which sets the residential tone beginning in the public spaces. Colors were selected to enhance the fine quality of the millwork. Large mahogany planters are integrated into the design to provide privacy for each waiting area. The use of planters complements the commissioned artwork by Ronna Bridges whose watercolor batiks of Native American Flowers are hung throughout the public spaces.

Each office interior was created to the specific

(Continued on page 88)





## FOR THE RECORD

#### Franz Window Celebrates Plant Opening

Franz Window International, Inc. hosted an Octoberfest-style open house at its new manufacturing plant Wednesday, October 30. The company, which is manufacturing vinyl and aluminum windows for residential or commercial use at 819 Blue Crab Road in Newport News, celebrated its grand opening with German-type food and Bavarian music.

Mayor Joseph Ritchie of Newport News along with members of City Council, joined Erwin Franz, owner of Franz Window International, Inc. and other company officials at the grand opening.

The company is employing about 40 people now, and expects that number to increase to 60 by the end of the year. The new, 27,000 square foot manufacturing plant is located on a 12-acre site in Oyster Point Park in Newport News and construction is underway to add an additional 30,000 square feet to the plant. Approximately \$4 million has been invested in the building, machinery and equipment.

Franz Window International, Inc. manufactures windows which are designed to be highly energy efficient. Erwin Franz, owner of the Virginia company, is the son of the owners of Franz Fenster, a West German manufacturer of windows since 1880 in the Frankfurt area. James Bauer is vice president of the Virginia facility.

Bauer said that several areas in the United States were considered before selecting the Virginia site. The company was assisted by the Brussels, Belgium and Richmond offices of the Virginia Department of Economic Development and the Oyster Point Development Corporation in Newport News.

## Staff Additions at PHR&A

Patton, Harris, Rust and Associates, P.C. is pleased to announce the addition of Anthony Mazzeo as Landscape Architect for the firm. Mr. Mazzeo recently graduated from Rutgers College with a Bachelor of Science in Landscape Architecture.

The firm also announced that Landscape Architects Alisa S.T. Cowen, William W. Neville and David H. Steigler have successfully completed requirements for Professional Registration in the State of Maryland.

FURTHER STAFF ADDITIONS
Anne C. Morris and Douglas R. Kennedy have

also been added to the firm's staff.

Ms. Morris has joined as Senior Planner. Ms. Morris has twelve years experience in all aspects of planning and will work directly on land

development, transportation and environmental planning projects. Ms. Morris received her Bachelor of Architecture and Masters in City and Regional Planning from Clemson University. Prior to joining PHR&A, Ms. Morris was employed with Rinker-Detwiler and Associates as an associate and Director of the Planning Division. Her experience includes public, private and international projects.

Mr. Kennedy's duties will be as Traffic Engineer. Kennedy received his Bachelor of Science degree in Civil Engineering at Pennsylvania State University. He will be responsible for traffic impact studies and transportation planning as well as preliminary roadway design. Prior to joining PHR&A, Mr. Kennedy was associated with Kellerco as Traffic Engineer.

PHR&A is a full service civil engineer firm ranked in the top 350 in the National Engineering News Record with headquarters in Fairfax, Virginia and branch offices in Leesburg and Bridgewater, Virginia and Rockville, Maryland.

#### AGC to Recognize Vocational Education Programs

The Associated General Contractors of America (AGC), headquartered in Washington, DC, is undertaking a special project designed to recognize construction craft programs that meet the training standards established by the construction industry. The project is geared to providing continuing support of craft programs, encouraging continuation of programs that are based on current instructional technology and recognizing exemplary programs. Program criteria were developed by AGC and State Directors of Vocational Education in consultation with craft instructors nationwide.

Programs that will be recognized must be oper-

ated by accredited institutions that offer programs in carpentry, bricklaying, cement masonry, millwright, heavy equipment operator or heavy equipment mechanic.

Application packets have been sent to a number of key AGC committees and packets were to be sent to officials of each state department of education by November 1. Educators who are interested in the program should contact AGC chapters in their state for additional program booklets and to obtain information about the recognition program.

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#### Interior Design Group Completes Center

Interior Design Group, a Virginia Beach affiliate of Walsh/Ashe Associates, Inc. Architects, has completed the space planning, selection of furniture and overall interiors for CBN's new World Outreach Support Center. The 300,000 square foot facility is located on CBN's campus on Centerville Turnpike in Virginia Beach.

The facility houses all of CBN's computer support services, and is a showcase of advanced technology.

#### ABC, Inc., Virginia Chapter Safety Award Winners

The Management, Education and Safety Committee, chaired by George T. Moran, recently evaluated all the entries in the Associated Builders and Contractors, Inc., Virginia Chapter's second annual construction safety awards contest.

Entries were judged on the basis of the number of reported accidents a contractor had in 1984, (OSHA 200 Form) divided by the number of total man-hours worked by the company. Ties were broken by the company's "experience modifier rate." Winners this year included two companies who were winners last year.

#### THE RESULTS:

- DIVISION I (0-40,000 man-hours worked in 1984):
  - Coastal Pile Driving, Inc. David Hill, President. Coastal Pile worked 22,682 hours with 4 reported accidents in 1984. Coastal Pile Driving specializes in pile foundations and concrete form work.
- DIVISION II (40,001-80,000 man-hours):
   Woodbridge Glass Company, Inc. Ed Nether-cutt, President. Woodbridge Glass worked 62,557 hours with 8 reported accidents in 1984. This company is a residential and commercial glass contractor.
- DIVISION III (80,001–140,000 man-hours):
   A.A. Beiro Construction Co., Inc. Alex Beiro, President. Beiro Construction worked 108,595 hours with one reported accident. A.A. Beiro Construction is a heavy construction contractor whose recent projects include Southbound 14th Street bridge restoration and the current restoration of the Memorial Bridge.
- DIVISION IV (over 140,000 man-hours):
   BE&K Construction, Inc. Ted Kennedy, President. BE&K Construction worked 140,986 hours with no reported accidents. BE&K, headquartered in Birmingham, Alabama, is installing the cable television system in Fairfax County.

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From left to right: Jim Newland, Virginia ABC President; Clay Murray, A.A. Beiro Construction Co.; Ron Nethercutt, Woodbridge Glass Co.; F. W. Lundy, BE&K Construction Co.; Mrs. Lee Braswell; and Red Braswell, A.A. Beiro Construction Co.

Overall winner was A.A. BEIRO CONSTRUCTION CO. for their company's best performance in construction safety practices. W.D. "Red" Braswell, the company's safety director won an allexpenses paid trip to the Caribbean as the per-

son most responsible for the Beiro Company's exemplary safety record. The exceptional prize was donated by the Committee Chairman, George T. Moran, an insurance and bonding broker, located in Severna Park, Maryland.

### James P. Burns Joins ABC, Inc., Virginia Staff

The Virginia Chapter of Associated Builders and Contractors announces that James P. Burns has been hired as Membership Services Director for Southern and Tidewater Virginia. Mr. Burns's primary responsibility will be to recruit new members into the association and provide local services to existing members.

For the past seven years, Mr. Burns has specialized in the job placement of construction executives on a national basis with his own firm, Construction Recruiters, located in Pittsburgh, PA. Burns's background also includes commercial construction experience with his own general contracting company, Burns Construction Company.



James P. Burns

#### Psychiatric Associates . . . (From page 86)

tastes of the professional occupant. Mahogany desks are built into the recesses created by the set-back windows thereby integrating them into the architecture and breaking down the traditional separation of psychiatric professional and client, further creating the desired "living room" quality for the consultation space.

W. B. Meredith II, Inc. of Norfolk was general contractor for the project.

### SUBCONTRACTORS & SUPPLIERS (Norfolk firms unless noted)

Arnette Construction & Development Co., Virginia Beach, earthwork; Coastal Exterminating Services, Inc., Virginia Beach, termite control; W. L. Birsch, Inc., Chesapeake, pavement, curbs & walks; B. E. Sharp & Son, Inc., site utilities (sanitary system & water) & plumbing; Commonwealth Masonry, Inc., architectural precast concrete & brick and concrete unit masonry; Virginia-Carolina Steel, Inc., structural metal framing & metal fabrication; Kitchen Towne Div.

of Towne Distributors, Inc., finish carpentry, millwork & kitchen equipment; Charlie Jones, Inc., Chesapeake, insulation, wall panels, gypsum wallboard, acoustical ceilings, acoustical insulation & barriers; Built Up Roof Systems, Inc., elastic sheet roofing, preformed coping, skylights & roof hatch; and K & P Caulking Co., Inc., Portsmouth, sealants.

Also, Door Engineering Corp., hollow metal & frames & finish hardware; Walker & Laberge Co., Inc., aluminum entrances & storefront glazing; Tidewater Tile, Inc., Virginia Beach, tile, brick flooring; Grover L. White, Inc., resilient sheet flooring; Cherry Rug Co., Portsmouth, carpeting; Atlas Painting Co., Chesapeake, painting & wallcovering; Chesapeake Door & Hardware Co., fire extinguishers, cabinets & accessories, toilet & bath accessories; Baker & Co., HVAC & controls; L. E. Ballance Electrical Service, Inc., Chesapeake, electrical; and Showcase Woodworking, Richmond, custom mahogany millwork.

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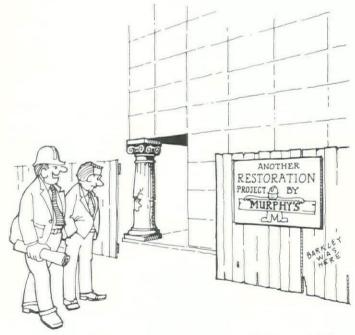
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