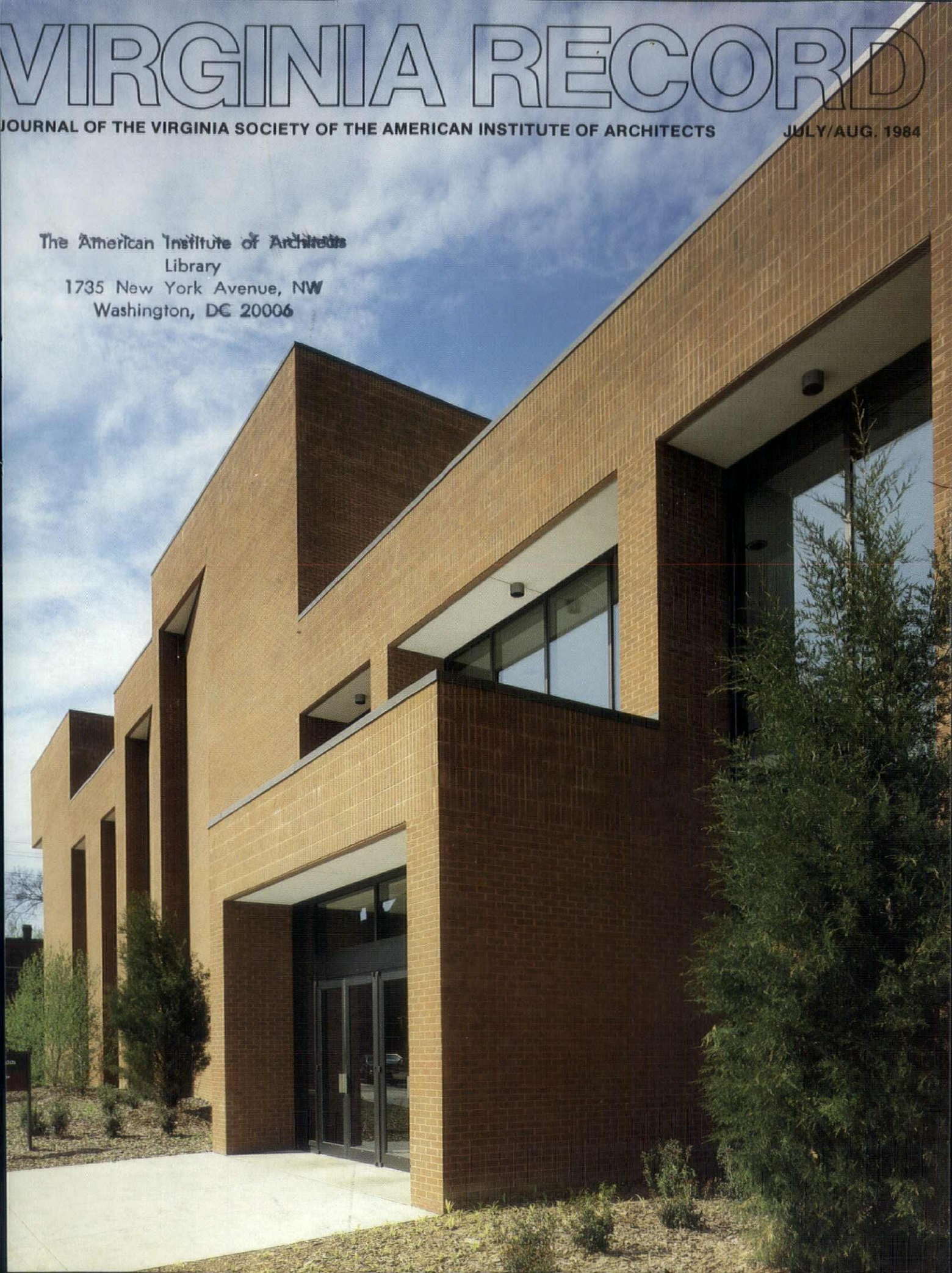


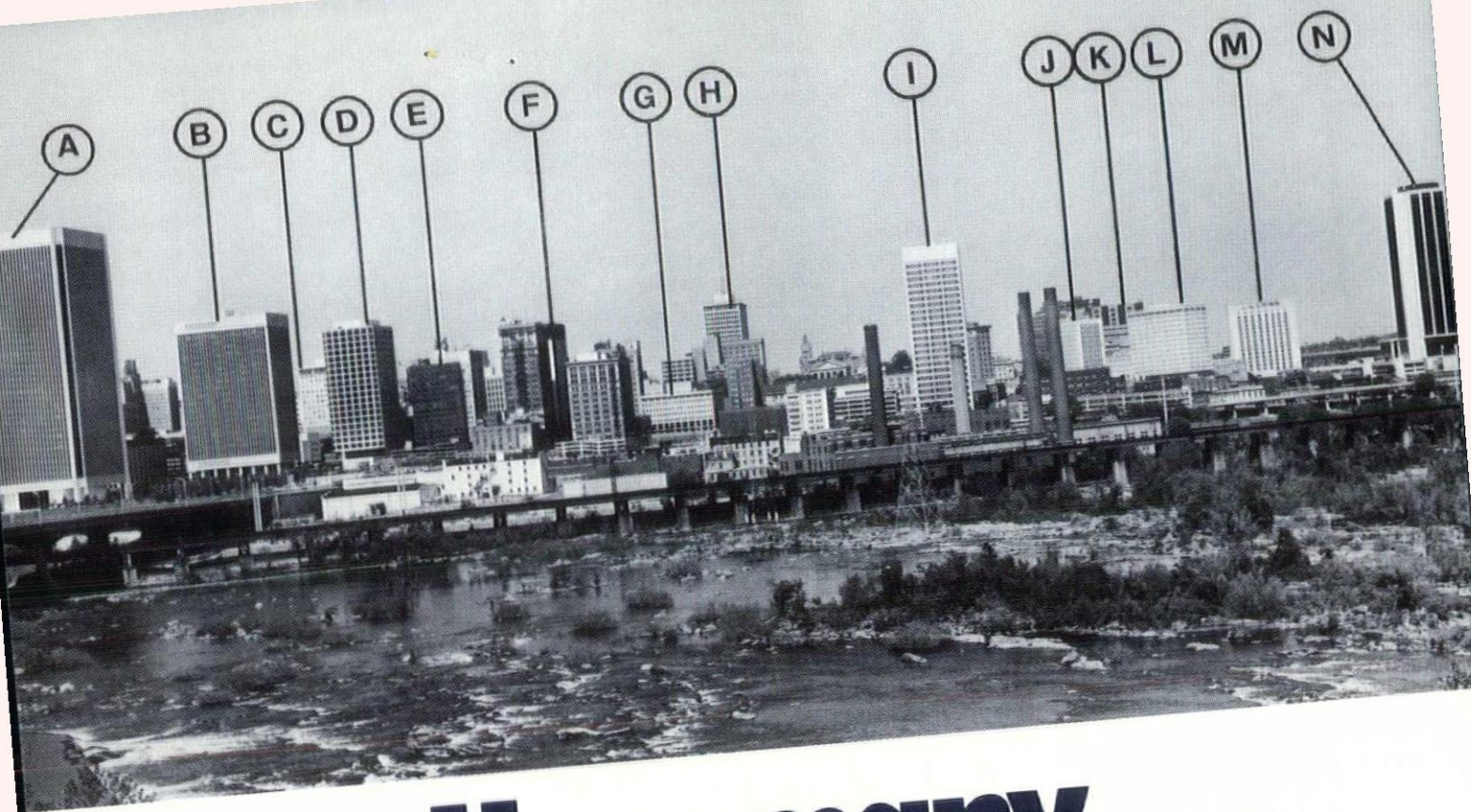
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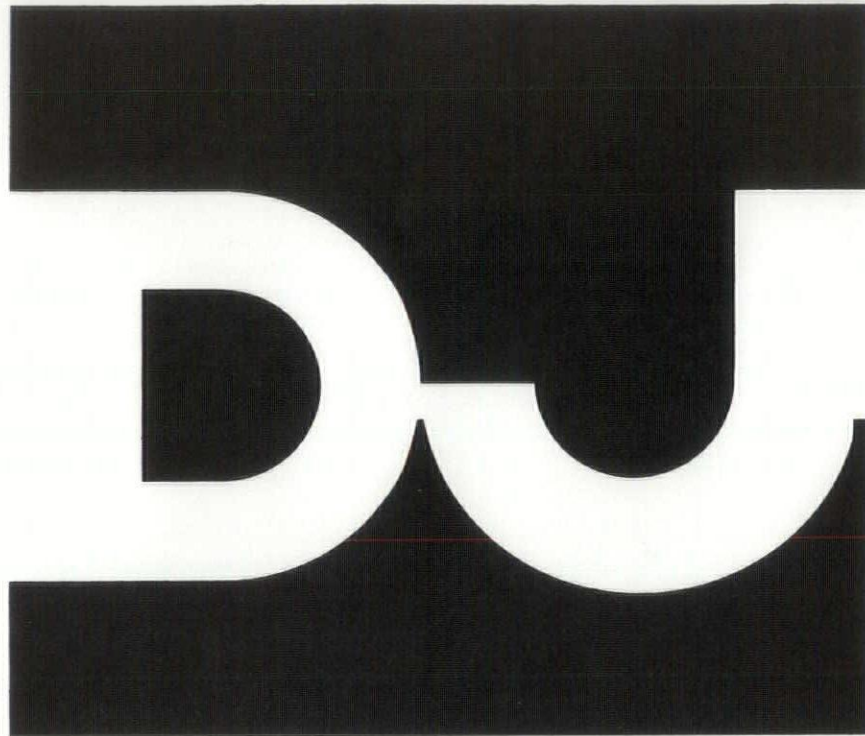
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JULY/AUGUST 1984

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Featured on page 28 of this issue, the VCU Performing Arts Building, Richmond, was designed by Hayes, Seay, Mattern & Mattern. Cover photo by Maxwell MacKenzie.

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Volume 106—Number 4

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Published with the Cooperation
of the Virginia Society
American Institute of Architects

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P. O. Drawer 2-Y
Richmond, Virginia 23205

"VIRGINIA RECORD (ISSN-0042-6768) is published bi-monthly for \$10 per year by Virginia Publishers Wing, Inc., 301 East Franklin Street, Richmond, Virginia 23219. Second-class postage paid at Richmond, Virginia. POSTMASTER: Send address changes to VIRGINIA RECORD, P.O. Box 2-Y, Richmond, VA 23205."

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architectonica

Voice of the Turtle

Those of us who have designed public buildings know that the process is singularly different from working for a private client.

Even though a private client might be large, corporate, and internally bureaucratic, there is still a gulf between the way all public and private work proceeds. It has to do with the fact that the ultimate public client is the electorate. Everybody in the public chain of command and decision-making is consciously or unconsciously trying to decipher how that public body of voters will react to a particular design. It's a guessing game at best!

Some public agency representatives try to simplify the process by probing the attitude of Governor, Mayor, or Supervisor, then directing the design in an indicated direction. But it depends again on how self-confident and politically independent that person might be, whether or not he is willing to ignore what his electorate might think of the brick-and-mortar results.

Competitions are a common way to try to shift the political responsibility to a third party, but I have yet to see it work. Competitions only provide a broader menu from which to choose.



Because of citizen support, Rockville, Md. sets aside 1% of the budget for art, in this case, a superb ceramic mural inside this Municipal Swim Center. (Hughes Group Architects)

Most politicians know in their gut that if a building is a dog, the complaints will come to rest in their laps and the offending Jurymen will be long gone and forgotten. Of course, the other side of that coin is the political benefit which sticks to those who commission well-received buildings.

So, good innovative public buildings are hardly the rule, considering all the over-the-shoulder-looking that goes on. It takes a community with a lay civic leadership group to encourage elected officials and public employees to strive for the best. Without a measurable indication from their ultimate critics, politicians and public staffers can only guess, and therefore will play it safe nearly every time. It is easy to defend a bland building. All one needs say is that it is the fault of the architect, if some few malcontents should complain about the ubiquitous factory-like character of public schools in general.

It is not a matter of the personal taste of the staff people who nurse public buildings to life. I have seldom met anyone in charge who, were he in a position to commission a private building, wouldn't go for the best design available... as long as it met the budget. It comes back to the Voice of the Voter, which unlike the voice of the turtle (dove), is seldom heard in the land.

In our office, we have done some creditable public buildings over the years, and the keys to them are several. The first is our unwillingness to settle for the ordinary solution. We try to find a solution which will carry itself along on its own visible merits. The second key has been competent open-minded staffers and elected officials who, though wary as could be, nevertheless went along with the good reasoned solution. In every case, they had either a vocal electorate or a lay supervisory board encouraging them to produce a quality product.

And we have had some disappointments also, where our best efforts were stomped on, and we were forced to do bland buildings. These situations were directed by people who thought they knew better than we, how to design a particular building type, and what was acceptable to the using voting public. None were architects. It does nobody any good to know, in hindsight, that they were wrong.

Dull public buildings are around for decades, even centuries. They are too big to put in a



This Montross, Va. gymnasium won an AIA National Honor Award for its unique rational design, in major part due to the attitude and encouragement of the School Board then sitting.

wastebasket and start over. It used to be that one could cover them with ivy. That option is now out, due to the objections of the maintenance people whose budgets can't stand the cost of repair and replacement caused by English ivy tendrils. Even Harvard is pulling down its ivy. There's no place to hide.

All we have left, then, is mirrored glass exteriors. Or better buildings to start with. The latter option is there to be drawn out of the architects commissioned to design the buildings. Whether that drawing out, that encouragement happens depends on the willingness of the community to say that it wants a quality product.

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Convention Area Preview:

Roanoke Valley at a Glance

Text by Ann C. Penn

Reprinted with permission from PACE Magazine (December 1983 issue)

Photographs Courtesy of the Roanoke Valley Convention and Visitors Bureau

A picture of the Roanoke Valley is a study in contrasts . . . the gentle, calming beauty of the mountains surrounding a vibrant hub of activity . . . a modern commercial center boasting Virginia's second-highest concentration of trade employment, yet a welcoming, friendly valley where customers have names, not numbers . . . a product of the industrial revolution with a boisterous downtown farmers' market as a tribute to its agricultural heritage . . . a valley with an abundance of recreational diversions, yet with a labor force imbued with an old-fashioned work ethic. The Roanoke Valley offers a blending of nature and commerce that gives new meaning to the expression "quality of life."

Acknowledging the beauty of the area, wandering Indians named the great valley of Virginia "Shenandoah," for daughter of the stars. The Roanoke Valley (named by the white man for a shell used as jewelry and money by various East Coast Indian tribes) was discovered by settlers in 1716. By 1772 the town of Fincastle was proclaimed the county seat for the new Botetourt County, encompassing a vast tract extending west to the Mississippi River and north to the Great Lakes. George Washington, Patrick Henry, Thomas Jefferson and other prominent Virginians appeared in Fincastle to lay claim to deeds of wilderness land in territory including the present states of West Virginia, Kentucky, Ohio, Indiana, Illinois and Wisconsin. Fincastle flourished first as the seat of government and later as a commercial town. Today a listing on the National Register of Historic Places ensures that this quiet village of 400 people remains as a living museum of 18th- and 19th-century American architecture.

In 1806 the town of Salem was chartered, and by 1838 Roanoke County was formed from a portion of Botetourt. The town went to war with the rest of the Confederacy and was favored by wagon trails and stagecoaches. The town of Vinton, developing on the east side of Roanoke County, was incorporated nearly 50 years later.

The economic and political balance of the valley changed dramatically when the area's first industrial development committee met with success. In 1881 several citizens of Big Lick, regarded as a rough mountain town by residents of the more settled communities of Salem and Fincastle, quickly raised \$7,000 as a "subscription bonus," rode all night to reach Lexington (now an hour's drive away) and convinced officials of the newly organized Norfolk and Western railroad to place a junction in their town. By 1882 the town had changed its name to Roanoke

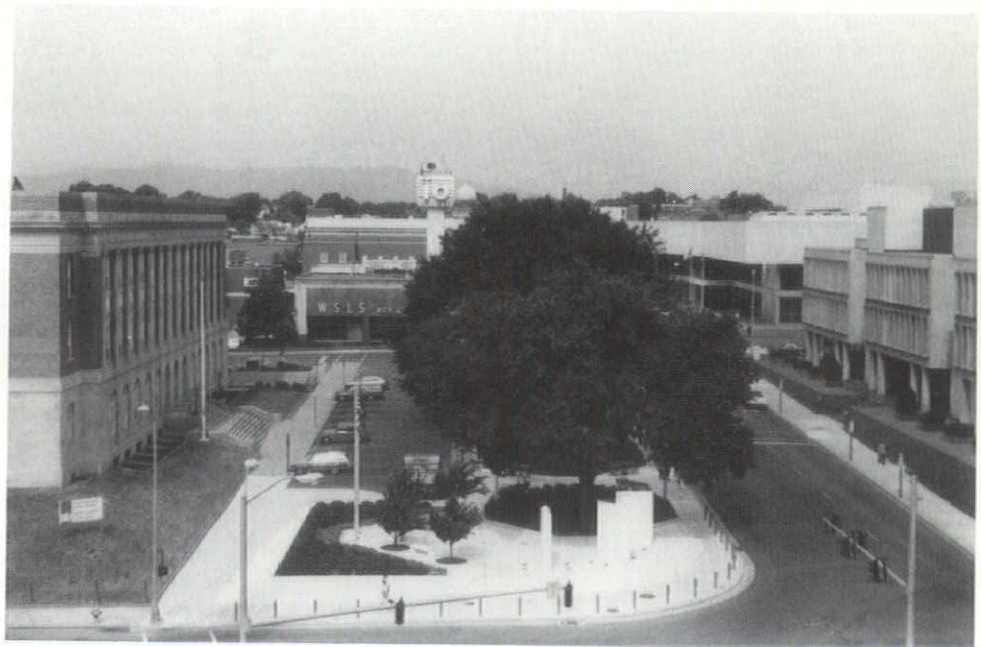
and three decades of unparalleled growth began. Within a few decades the self-proclaimed "Magic City" swelled from a mountain hamlet to the then-third-largest city in the state. Riding the crest of the industrial revolution's craving for coal and iron productions, Roanoke became a warehousing and distribution center for numerous businesses in Virginia and West Virginia coal country. By 1910 Roanoke was one of the fastest-growing cities in the South.

Over the years the valley has had its share of economic troubles, but has emerged stronger after each trauma. The area survived several nationwide railroad strikes, the Great Depression and the closing of a major textile plant. Roanoke enjoyed the prosperity of the postwar era and moved to diversify its economic base. Today the Roanoke Valley continues as a distribution and transportation center for southwest Virginia and West Virginia. In addition, it has

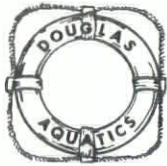
expanded its horizons to become a major financial, health-care and insurance center.

Today, as the Roanoke Valley embarks on a third century of growth, civic and business leaders alike agree that the unique quality of life in the valley will be preserved through foresight and planning. An active, productive community of 225,000, the citizens of the Roanoke Valley enjoy a pace of life that still permits the joys of friendliness and gracious living along with the excitement of an expanding urban center.

Visible from 60 miles away in the air, the Mill Mountain Star was dedicated over 30 years ago as a symbol of "the friendliness and industry and civic progress of Roanoke." Today it remains as a welcome homecoming to returning residents and a reminder to all who see it that the Roanoke Valley is truly the "Star of the Blue Ridge."



Roanoke's Lee Plaza is an example of the valley's accompanying commercial side, with (left to right) the old post office, which is being renovated to house regional state offices; Channel 10 TV; the new courthouse and the city municipal building.



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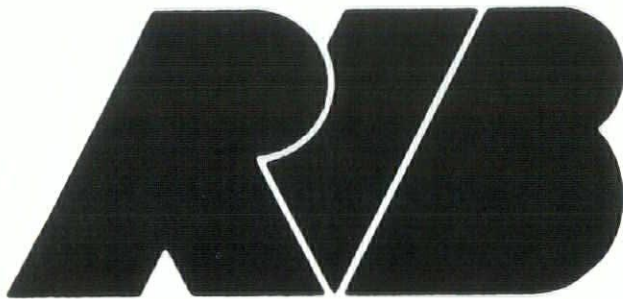
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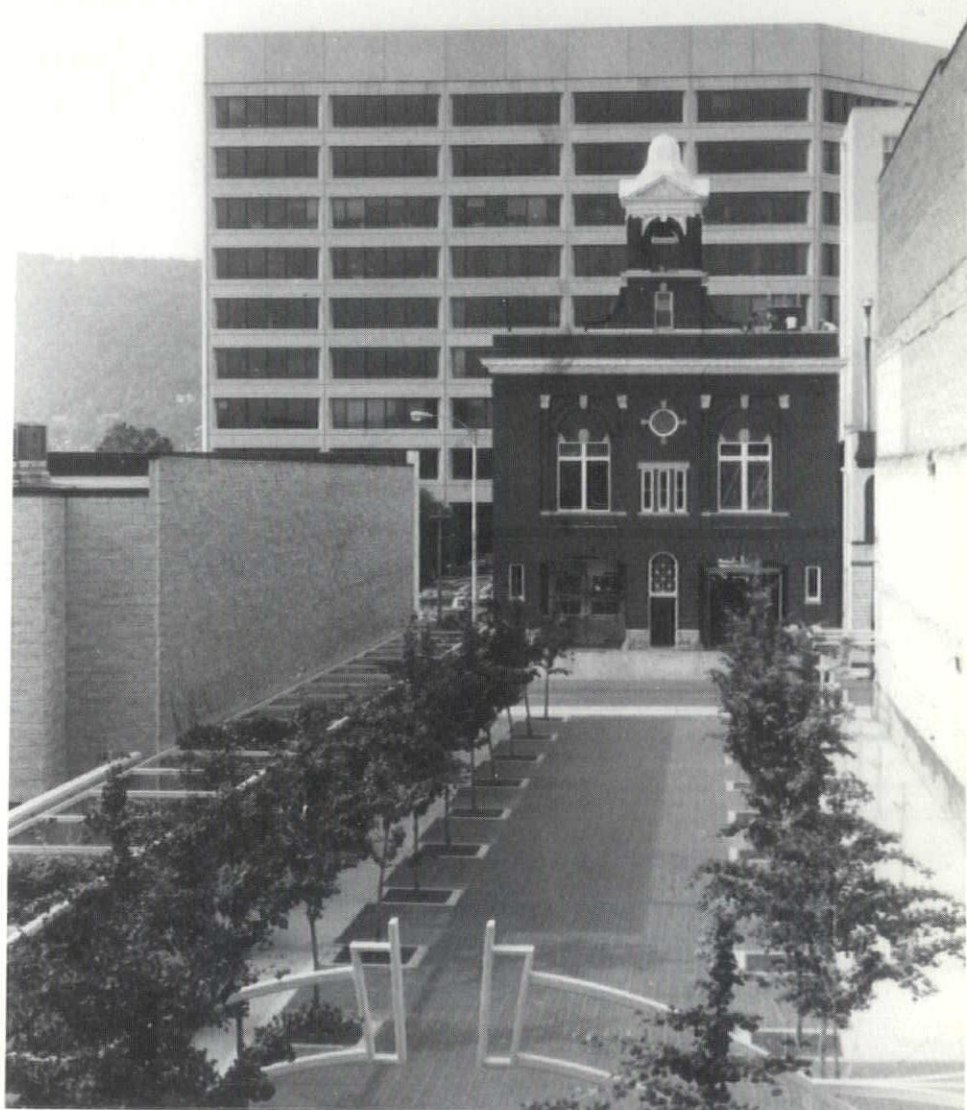
Economic Development

Just as the community initiative of 100 years ago transformed Big Lick into Magic City, the Roanoke Valley enters its third century of economic development poised to take advantage of the improving national economy. Although the last several years have seen recessionary belt-tightening across the country, valley residents are witnessing an economic blossoming. The return on millions of dollars spent for capital improvements during the recession can be seen at construction sites throughout the valley and read in frequent announcements of new projects. The valley is on the move . . .

Since 1975 over \$120 million has been spent on improvements to downtown Roanoke. New sidewalks, streetlights, trees and street furniture have been added to the downtown scene. The main library is undergoing a major expansion. Elmwood Park, scene for many Festival Week activities, has had a \$.5-million facelift. Several parking garages have been added to accommodate daily commuters and a new transportation center should make travel to and from the city easier. Consolidation of state offices in the renovated old post office (a project worth \$2.5 million) will make Roanoke the first regional state office outside Richmond.

Much of the downtown renovation effort has focused on the farmers' market, a certified historic district and the oldest market in continuous use. New canopies, trees, benches and a lighted fountain have been installed, promoting the blending of traditional market functions and developing entertainment outlets with the area's architectural heritage. By spring of next year, the market building will be converted into a food-oriented marketplace with a festival atmosphere.

Investment in the downtown area has paid off. Blue Cross/Blue Shield built a new \$15 million headquarters downtown. IBM just announced plans to construct an \$8 million facility in the same area. More importantly, the spin-off extends beyond new construction. Every major



Above right: #1 Firehouse. (Colonial American National Bank in background.)

Right: Roanoke's farmer's market blends traditional market functions and entertainment outlets with the area's architectural heritage.





Newly opened Center in the Square is the home of an exciting complex of cultural organizations. Located on the City Market it is the spur for additional development in the area.

older office building in downtown Roanoke either has been or is scheduled to be renovated.

The crowning jewel of this ambitious renovation program is Center in the Square, an \$8 million privately financed cultural center. Located on the city market, Center in the Square is the focus of much exuberant enthusiasm and the spur for additional development in the area.

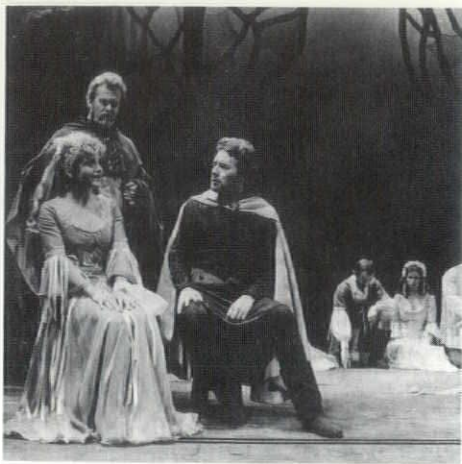
Activity is not limited to the downtown area. Bulldozers and cranes are a common sight at every turn. Industrial parks are ringing the valley. The Centre for Industry and Technology, a 300-acre setting on U.S. 460, is just five minutes from Interstate 581. Fully served by utilities and access roads, this restricted park can accommodate manufacturing concerns. Cooper Industries, the Centre's first tenant, has scheduled the opening of its \$14-million world headquarters of its mining and construction manufacturing division for late 1983.

Also located on U.S. 460, one-quarter mile from Interstate 581, is Deanwood Industrial Park. A 13-acre site, divided into two- to four-acre parcels, Deanwood caters to service and light manufacturing companies.



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The Mill Mountain Players perform "Camelot."

Arts and Culture

The arts are entering a second golden age in the valley, according to many long-time residents. The railroad people who came to the valley in 1882 brought the arts and culture with them. Before the city of Roanoke was 10 years old, they had transformed a rough and rowdy western town into a city determined to be cultured and cosmopolitan. That ten-year period saw the birth of the Roanoke Machine Works Orchestra, the Opera House and the grand Academy of Music. During the first three decades of the century, citizens came for "grand opera, grand theater and grand oratory" and found entertainment at five theaters within a few blocks of each other.

Today that magical feeling, the rebirth of artistic tension and energy, flows from Center in the Square. Located in the renovated McGuire Building at the hub of Roanoke's historic farmers' market, Center in the Square is home for five organizations—Roanoke Museum of Fine Arts, Roanoke Valley Arts Council, Roanoke Valley Science Museum, Mill Mountain Playhouse and Roanoke Valley Historical Society. With its grand opening on December 9, 1983, this \$8-million project, funded by private and corporate donations, will become the cultural heart of southwest Virginia. Center facilities include exhibit space for the three museums, a 500-seat theater, and a state-of-the-art planetarium. The Fine Arts Museum plans to operate a 50-seat tea room in its Borrow or Buy Gallery. Classes in photography, painting, printmaking, ceramics and fiber art will be given in specially designed studios. All five levels of the center connect to a new parking facility.

Lawrence C. Henry, president and chief executive officer of the center, explains the excitement surrounding its opening, "The genius of Center in the Square is that it concentrates in one building, located in the heart of the city and in the midst of the vital, colorful Farmers' Market, an array of cultural offerings. So Center becomes a place worth a drive from anywhere in western Virginia because once you are there, you can fill a whole day with varied experiences—an art exhibit, a play, a planetarium show, even fresh vegetables from the market to take home for dinner. And because Center, as a kind of 'cultural condominium,' takes such a

unique approach to housing its resident institutions, it is sure to get the attention of people not only in this area but throughout the state and across the country as well."

Even before Center in the Square became a reality, the arts were an essential part of life in the valley. Over 60 organizations belong to the delegate assembly of the Arts Council. Most area banks, hospitals and insurance companies have fine collections of local art works. Ann Masters, curator of the Fine Arts Museum, says that the arts run deep in the history of the Blue Ridge. A tremendous number of good, producing artists live in the region. Many local artists are represented in galleries in major East Coast cities. In addition, a colony of very professional craftspeople has flourished in Floyd, just 45 minutes from the valley. These artisans, who came to the area for its beauty and lifestyle, produce sophisticated, avant-garde jewelry, ceramics, pottery and baskets. The proliferation of commercial galleries in the valley attests to the number of artists in the region and the importance local residents give to their work. Similarly, valley residents turn out in record numbers for the many area art shows: Salem's Art in the Alley, the Historic Fincastle Arts and Crafts Festival, Festival in the Park's Sidewalk Art Show and the Fine Arts Museum's Annual Craft Show, to name just a few.

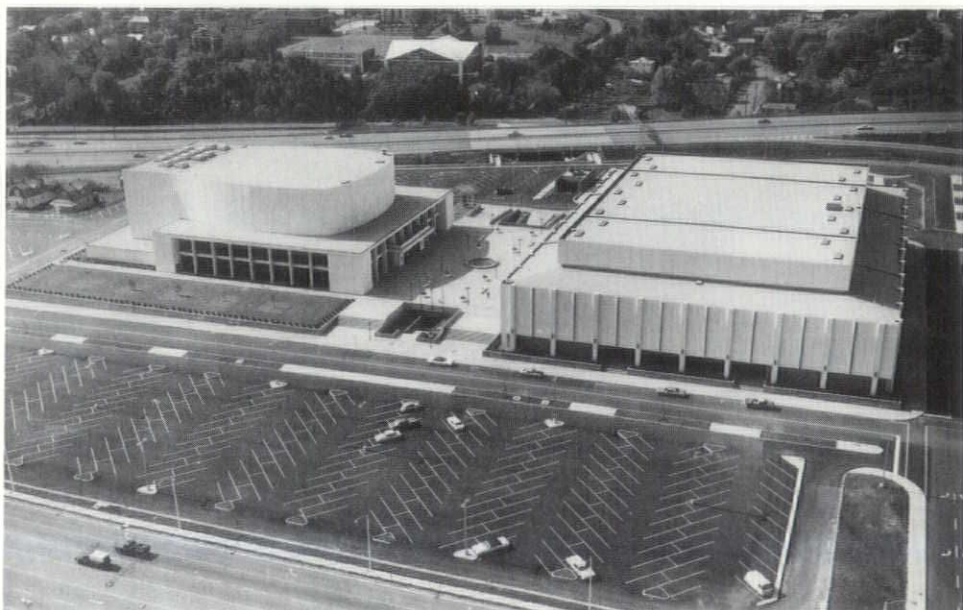
Music also abounds in the valley, offering a most impressive range of musical choices. The 80-member Roanoke Symphony has been performing since the early 1940s. The Opera Society of Southwest Virginia produces two operas every year. The recently formed Roanoke Valley Chamber Music Society brings nationally recognized chamber groups to the valley several times a year. The valley supports two choral groups, a youth symphony, barbershop and jazz groups. Bluegrass can be heard every month at the Fiddle and Banjo Club. Name entertainers, including Neil Diamond, Kenny Rogers,

Hall & Oates, and Alabama, perform at the Roanoke Valley Civic Center and the Salem-Roanoke County Civic Center. Festival Week activities also focus on music. The week is filled with jazz, gospel, pops, bluegrass, rock and country music concerts.

The days of five theaters within three blocks may be gone but valley residents still enjoy the dramatic arts. Mill Mountain Playhouse, which began in an old inn on the top of Mill Mountain, is a professional company that presents five productions a year. The Showtimers, the area's oldest community theater group, produces six to eight shows annually. Showplace at the Barn is a professional dinner theater with musical comedy productions. Local talent extends beyond acting and producing. In honor of Roanoke's centennial celebration, Mill Mountain Playhouse producer-director James Ayers and Hollins College's Milton Granger wrote, produced and directed the musical *This Bright Day*. In addition, the valley also supports two ballet companies.

Local colleges and universities also provide the community with wonderful artistic resources. All of these institutions have full schedules of professional and student productions as well as seminars and symposia. The workshops at Mountain Lake sponsored by Virginia Tech and open to the public attract major critics and artists from across the country. Roanoke College's Olin Hall with its theaters and recital hall provides the community with a valuable resource. In addition to the subscription and student productions shown there, Olin Hall is used by such community groups as the symphony, opera society, chamber music society and theater groups as a rehearsal hall, theater and headquarters.

The arts are having a renaissance in the valley, but they still remain approachable and available for all to enjoy.



Big-name entertainers play to crowds at the Roanoke Valley Civic Center.

Richmond Revitalization Program

By Morton B. Gulak

Richmond Revitalization is a Virginia Commonwealth University program developed to stimulate revitalization in the city. The program was established in 1980 under the direction of the Department of Urban Studies and Planning as a way of combining the resources of the university with those of government and the private sector. In this unique role, Richmond Revitalization:

- Produces Revitalization and Adaptive Re-Use Plans
- Promotes Revitalization as a Means of Development
- Educates Students and Professionals about Revitalization.

The program is organized to select areas within the city for revitalization planning, with empha-

sis on potential for adaptive re-use and historic preservation. A Steering Committee of community leaders develops policies, chooses project areas and guides the planning process. This committee is composed of architects, planners, realtors, bankers, and city and university officials, all concerned with development in the city.

Resources within VCU are coordinated into a network of technical consultants to work on each project. Planning teams are composed of university faculty, selected graduate students, and involved citizens. The process involves the development of social and economic profiles, identification of significant structures and sites, definition of problems and opportunities, and production of plans for marketing each area.

Completed plans are made available to property owners, investors, merchants and others to encourage implementation. The program staff stays involved in each project area to assist in promoting development, providing funding information and guiding the organization for implementation. A newsletter is also published which informs the general public about local revitalization activities and the work of the program.

Through this approach, coordinating the resources of city government, private citizens, and university staff and students, Richmond Revitalization hopes to contribute to an improved quality of life through urban revitalization.

PROJECT: Shockoe Bottom District

PROGRAM: The plan for the revitalization of Shockoe Bottom shows the commercial potential of this older section of Richmond, adjacent to the downtown. The area began to deteriorate in the 1950s and now is predominantly vacant except for a thriving wholesale produce section within the district. This plan, done under a contract with the City of Richmond, is intended to guide both public and private preservation and re-use.

Three existing elements are the basis for contemporary re-use:

1. The historical significance of Shockoe in the development of Richmond.
2. The importance of the food industry to the region.
3. The prominence of past architectural styles and building types which remain in the area.

SOLUTION: Proposed land uses, zoning, and physical improvements will reinforce the area's

special character and pattern of activities. Rehabilitation and renovation of existing historic and architecturally significant buildings are planned for the initial phase of development. Over 50 types of businesses that will maintain the theme of revitalization are recommended in the report.

In addition to private sector rehabilitation and business development, two public projects are



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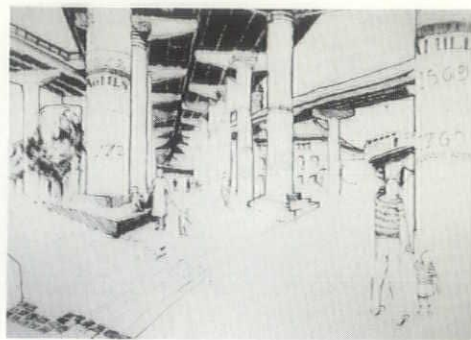
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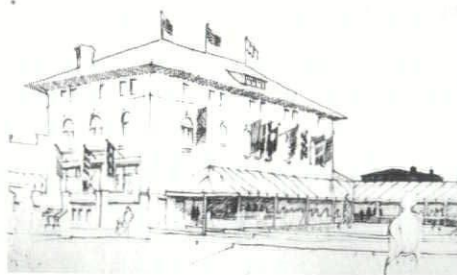
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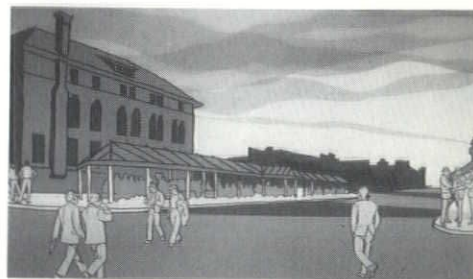
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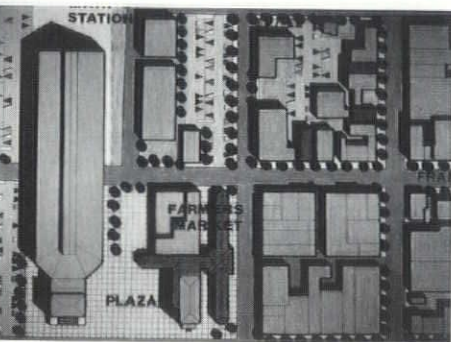
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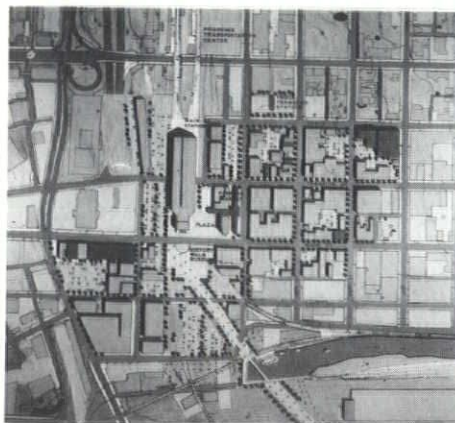
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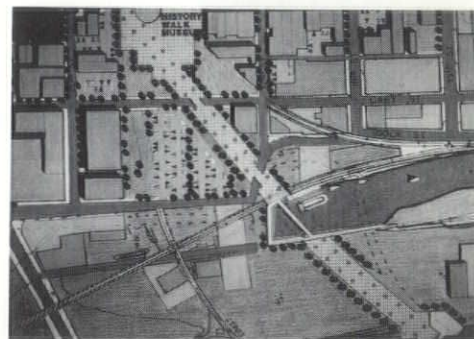
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RICHMOND REVITALIZATION PLAN—Photo number 2. depicts the Main Street entry to Shockoe Bottom; 1.-3.-4. the Richmond History Walk Museum—reuse of space under I-95 expressway to the James River;

5. New Public Plaza near Farmers Market; 6. 17th Street Farmers Market Renovation; 7. Blow-up Plan of Farmers Market and Public Plaza; 8. Overall Illustrative Plan; and 9. Blow-up Plan of History Walk Museum.

proposed that can play a crucial role in the area's development. The renovation of the city's Farmers Market is one project. The plan calls for a new market enclosure to form a Market Plaza that would become the focus of pedestrian and consumer activity. This project would provide an attractive incentive for private business growth.

The other public project is the creation of an outdoor walkway museum in the under-utilized area beneath an elevated expressway that slices through the area. Columns supporting

I-95 will provide a sheltered colonnade to display major events, milestones, people, and activities from Richmond's history and feature the historical and architectural significance of the area in this attraction.

A plan of action for implementation is provided in the report, as well as an explanation of the tax advantages for business and investment. It lists the public and private programs providing alternate investment opportunities available for the area to encourage a partnership for development.

For more information, contact: Morton B. Gulak, Director, Richmond Revitalization Program, Associate Professor, Urban Studies and Planning, 812 W. Franklin Street, Richmond, Virginia 23284. Telephone (804) 257-1134.

ABOUT THE AUTHOR: Morton B. Gulak, Ph.D., AIA, AICP is Director of the Richmond Revitalization Program and an Associate Professor in the Department of Urban Studies and Planning, Virginia Commonwealth University.

VIRGINIA SOCIETY PRIZE

The Annual Virginia Inter-School Design Competition

Sponsored by
The Virginia Society of the American Institute of Architects

Trefflé LaFlèche, 28, a 2nd Year Graduate Student at the University of Virginia, was named winner of the \$1000 Fifth Annual Virginia Society Prize, out of 180 entries in the competition.

Attending Dartmouth College from 1973-1977, LaFlèche originally intended to pursue a medi-

cal career, but studio art courses in his senior year set him on a course which led to his current architectural goals. After serving in the Peace Corps following his graduation from Dartmouth, he returned to Boston, Massachusetts, his home, to prepare for a career in architecture. He attended night courses at the Boston Architec-

tural Center and later entered the University of Virginia. Interested in working with architecture at an urban design scale, LaFlèche plans to return to work in Boston when he graduates in May 1985.

This winning entry is a "first" for the University of Virginia in the competition which is open to students from architecture programs at VPI & SU and Hampton Institute as well.

The competition, sponsored by the Virginia Society of the American Institute of Architects, involves a weekend design/sketch problem distributed simultaneously at each of the three schools. Problems are selected to be as realistic as possible, providing competitors with some rigid constraints while at the same time allowing for creativity. To maximize the realism, actual sites are often selected as the basis for the problem.

The objective of this year's competition was the restructuring of the water's edge and an appropriate terminus to Alexandria's King Street Axis through use and amplification of the functionally derived elements as proposed by the City of Alexandria. These elements included: a small—400-500 seat—theater with a related outdoor theater; an art exhibit gallery; boat arrival and temporary docking facilities; an amplification of the consciousness of the structure of the waters edge; and improved continuity between the city park and other elements along the length of the rapidly developing waterfront.

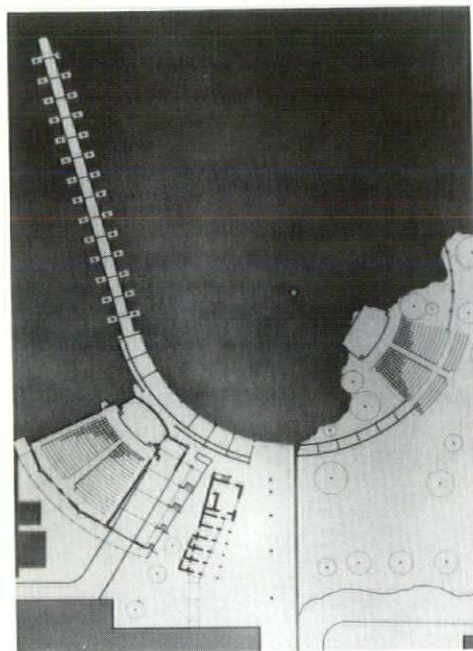
LaFlèche's entry was selected by a jury of six Virginia architects and architectural educators as the "best example of construction of a special 'place' at the end of King Street." Jurors included Solil Banerjee of Hampton Institute; Michael Bednar, AIA of UVa; Eason Cross, Jr., FAIA of Arlington; Dennis Kilper of VPI & SU; Glenn P. Reynolds, AIA of Blacksburg; and Raymond F. Spencer, AIA of Newport News. Chairman for this year's competition was James S. Tucker, AIA of Warrenton.

MERIT AWARDS

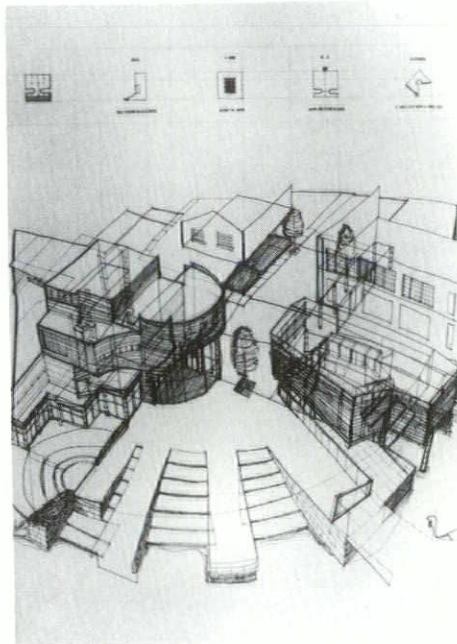
Three entrants were singled out for Merit Awards, meaning they were near-winners: Jay Hubble (VPI & SU), Adam Yarinsky (UVa), and Victor Dover (VPI & SU).

COMMENDATIONS

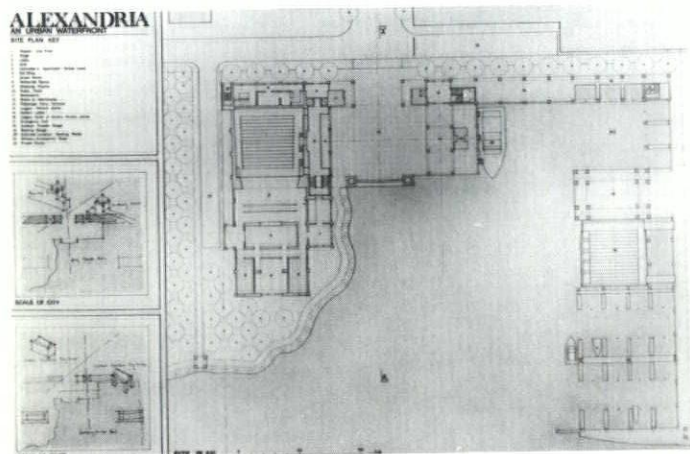
An additional eleven entrants received Commendations for technique, creativity, overall competence, unique approaches, or a combination of factors. These included: Joe Wyland, VPI & SU; David M. Dugas, VPI & SU; Charles Wermers, UVa.; Sharlee M. Harold, VPI & SU; Stan Mathews, VPI & SU; Jorge L. Hernandez, UVa.; Theodore Trent Green, Hampton Institute; James Walker, VPI & SU; Lowell Hawkins, UVa.; J. Yost Conner, Jr., VPI & SU; and Katherine Chappell, UVa.



AWARD OF MERIT
VICTOR DOVER
VPI & SU
4th year



AWARD OF MERIT
JAY HUBBLE
VPI & SU
4th year



AWARD OF MERIT
ADAM YARINSKY
University of Virginia
4th year

1984 Virginia Society Prize Competition Summary of the Jury's Comments:

A word on the Program. The Jury thought that this was possibly the most difficult weekend sketch problem given out so far in this annual Competition, as it called for both a planning solution to a complex problem and an integrated architectural solution. Many entries were clearly flawed by too much effort given to one aspect and too little to the other. Such are the trials which separate winning solutions from also-rans!

WINNER: PENCIL ON TRACING PAPER, UNIVERSITY OF VIRGINIA.

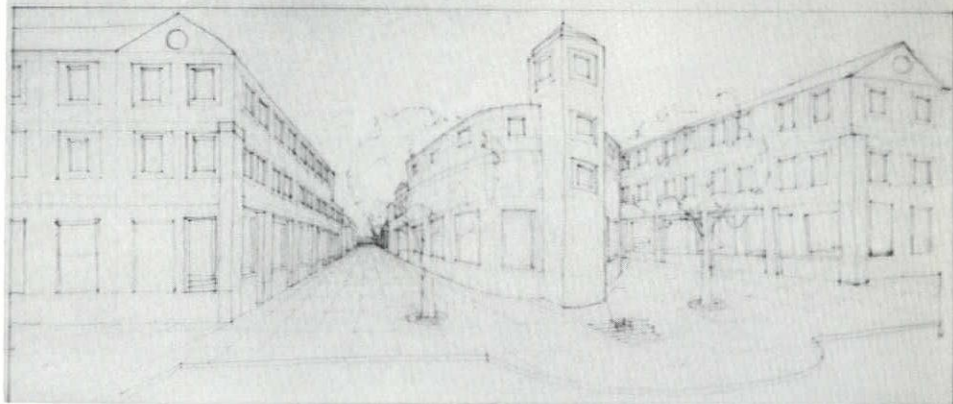
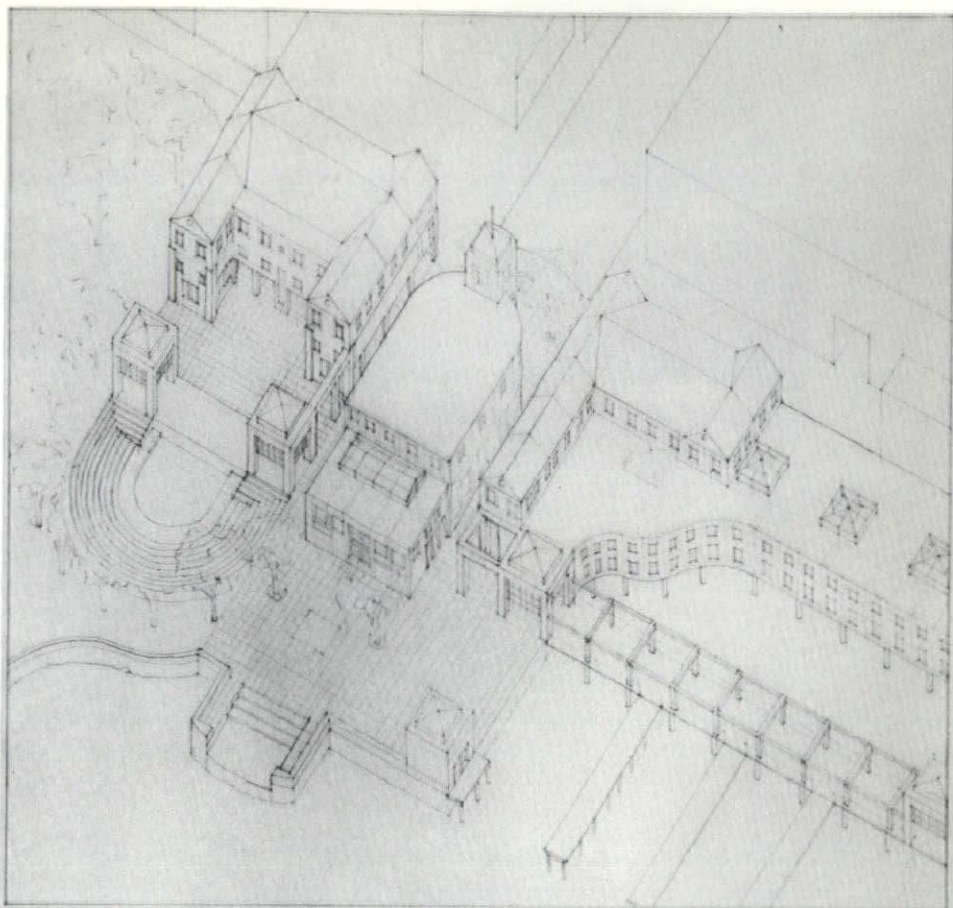
The best example of construction of a special "place" at the end of King Street. It is obviously based on many examples of European city detail where a church is usually the central focus rather than a secular building. The building forms a terminus to the street but allows pedestrian passage through to the strand, and gives a glimpse from King Street of the wide space beyond. The fabric of the town is continued; the waterfront is a place unto itself and yet consistent with the rest of the river bank left and right. Though some of the architecture displayed needs toning down, there was no argument that this was the best developed and fitting solution in the Competition.

MERIT AWARDS: THERE WERE THREE, COMMENTED ON IN NO PARTICULAR ORDER.

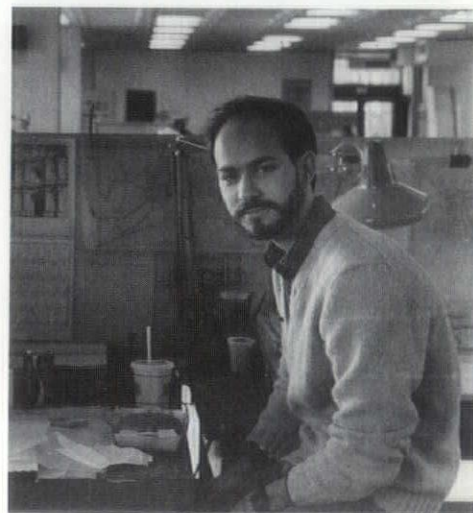
(A) A solution which wraps a "J" shaped quay and wharf across the end of King Street at the river, with a central pylon at the point where King Street extends out into the water to meet the center of the circle which forms part of the "J." The plan is geometrically powerful and would be recognized on the ground. The plan is clever, though it ignores the south side of the composition, to its injury as an entry. The Jury wished also that the buildings had been given more fleshing out.

(B) This solution was nearly as complete in the eyes of the Jury as the winner, and put more emphasis on the waterfront development. However, its relationship to King Street was not nearly as strong. As a "place" on the water, it drew compliments.

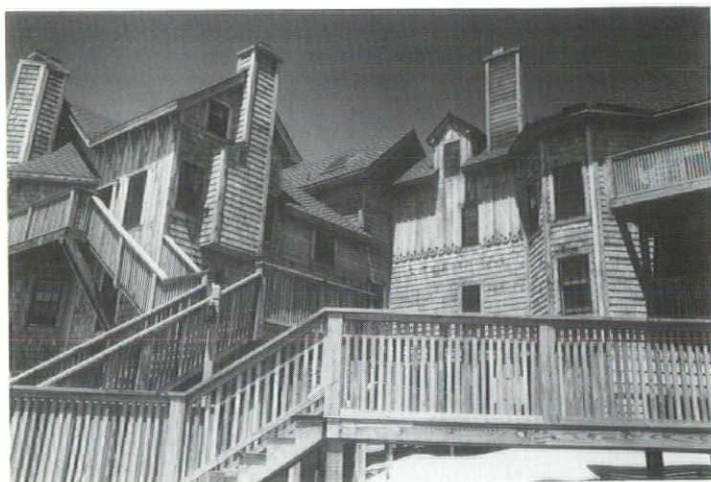
(C) The unique and imaginative development of this scheme drew praise from several Jurors. The waterfront space, and the way the fanning piers would resolve the forces at work developed by the King Street axis and the theatre complex, delighted the inner eyes of the Jury. Incomplete development of the theatre and gallery hurt its chances, but other Jurors remarked that the sketchiness was probably closer to a reasonable level of development one might expect of a professional at this stage of project development.



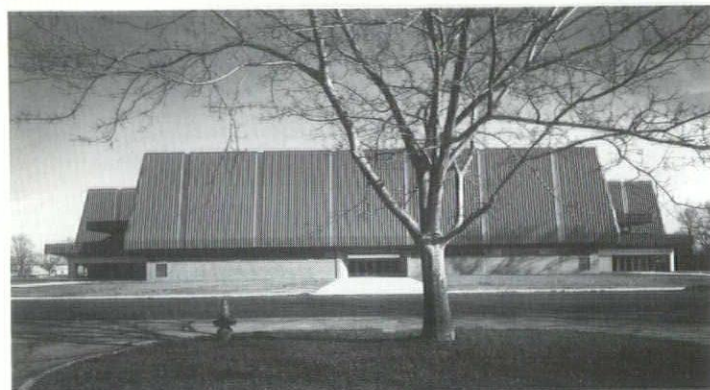
WINNER
TREFFLE LaFLÈCHE
University of Virginia
Graduate Student—2nd year



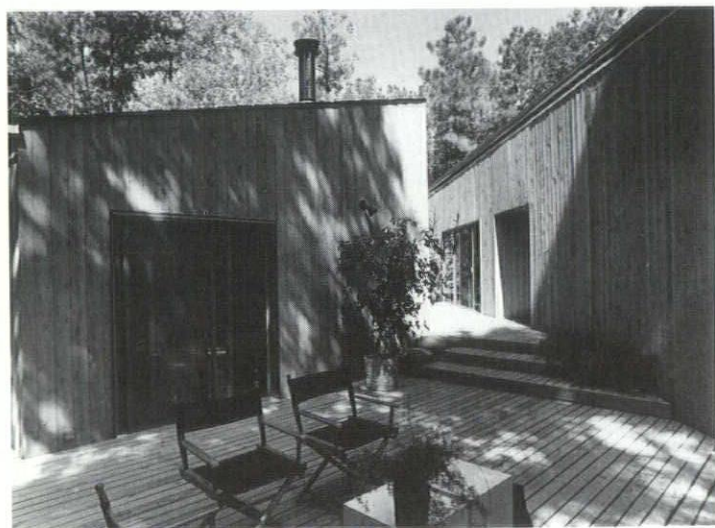
TIDEWATER VIRGINIA CHAPTER OF THE 1984 DESIGN AWARDS



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Over 30 selected architectural works created within the past five years by Tidewater architects were considered for the 1984 design competition which took place May 23. In order to compete, architectural firms must be from the Tidewater district, but the building for which awards are given may be located anywhere. The Tidewater Virginia Chapter includes the area from Williamsburg, Virginia to the Atlantic Ocean.

A three-man jury of Architects selected seven projects to receive "Awards of Excellence." The jury consisted of Robert L. Vickery, AIA, of the Vickery Partnership, Charlottesville; Leon Bridges, AIA, Director of the Mid-Atlantic Region of the AIA and principal in the firm of Leon Bridges Company of Baltimore, Maryland; and Revell Michael, AIA, past president of the Virginia Society of the AIA, and partner in the firm of Michael and Michael, Inc. of Alexandria.

AWARDS OF EXCELLENCE IN DESIGN

1. BARRIER ISLAND STATION CONDOMINIUMS, Duck, North Carolina
Architectural Ventures of Virginia, Inc., Virginia Beach, Architects
(formerly Northen and Durham)
Nags Head Realty, General Contractor
2. EDUCATIONAL AND SPORTS COMPLEX AT NORFOLK STATE, Norfolk
Shriver and Holland Associates, Norfolk and Livas and Associates,
Norfolk, Architects
W. M. Jordan Co., Inc., Newport News, General Contractor
To be featured in September/October 1984 VIRGINIA RECORD

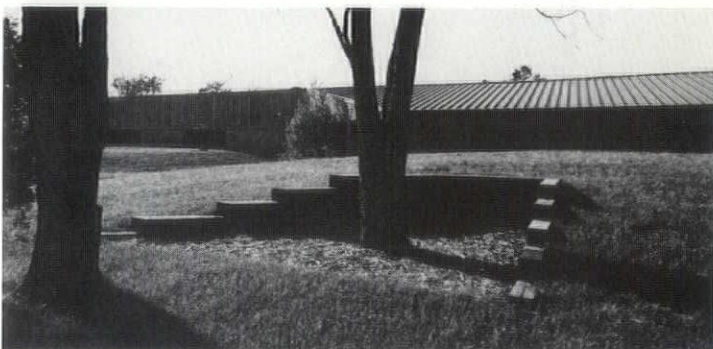
AMERICAN INSTITUTE OF ARCHITECTS

FOR ARCHITECTURE

3. POWER RESIDENCE, Williamsburg
Abbott Associates, Architects/Planners, Williamsburg
J. B. Violette Construction Co., Williamsburg, General Contractor
Featured in May/June 1982 VIRGINIA RECORD
4. EMERGENCY EQUIPMENT STATION, WASHINGTON NATIONAL AIRPORT
Washington, DC
Shriver and Holland Associates, Norfolk, Architects
Jonal Construction Co., Silver Spring, Maryland, General Contractor
To be featured in September/October 1984 VIRGINIA RECORD
5. VISITOR CENTER AT YORK RIVER STATE PARK, James City County
Abbott Associates, Architects/Planners, Williamsburg
Joseph S. Terrell, Inc., Williamsburg, General Contractor
To be featured in September/October 1984 VIRGINIA RECORD
6. PARKWAY CENTER OFFICE COMPLEX, Virginia Beach
Walsh-Ashe Associates, Inc., Virginia Beach, Architects
Parkway Associates, Virginia Beach, General Contractor
Featured in November/December 1982 VIRGINIA RECORD
7. WILLIAMS RESIDENCE, Middlesex County
Abbott Associates, Architects/Planners, Williamsburg
H. Peyton Hall, Saluda, General Contractor
Featured in July/August 1983 VIRGINIA RECORD



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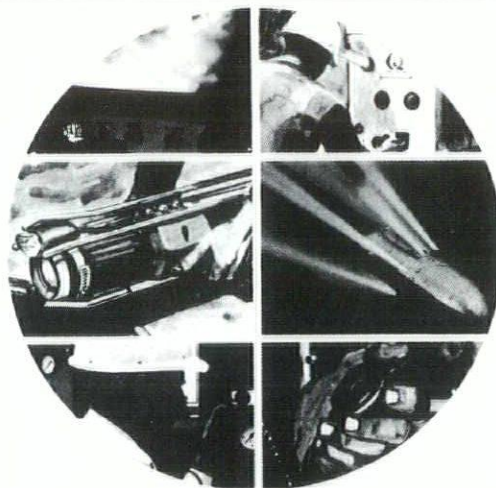
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VIRGINIA SOCIETY AIA NEWS

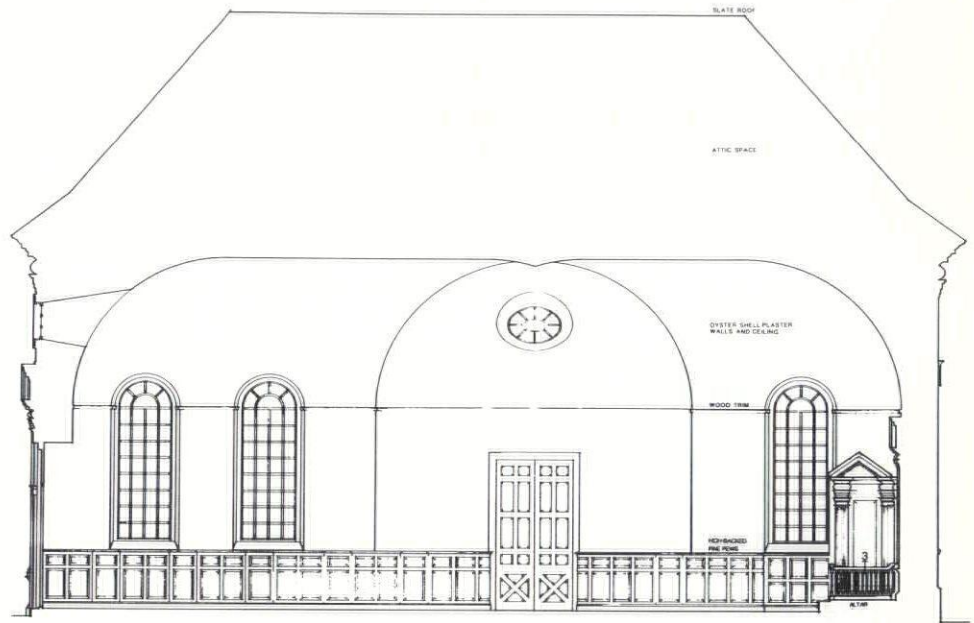
Hudson Gives Keynote Speech

C. Craig Hudson, Principal-in-Charge of Design for the architectural firm of Evans Hudson Vlatas, Hampton, was the Keynote speaker for the May 13 Annual Meeting of the Foundation for Historic Christ Church.

EHV's preparation of measured drawings of Christ Church is the only documentation of the structure and its detailing. The church was built in 1732 and is now a registered National Historic Landmark. Located in Lancaster County, Virginia, Christ Church represents the history of Virginia. From among the descendants of its builder came more than eight governors of Virginia, three signers of the Declaration of Independence and two Presidents of the United States.

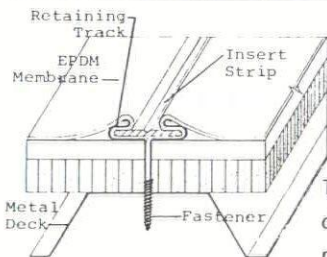
The record drawings by EHV have been accepted by the Historical American Building Survey, an element of the Department of the Interior, and will be made available to the state archives for preservation of historic buildings.

Mr. Hudson's speech addressed the architecture and construction of Christ Church, 250 years after it was built.



LONGITUDINAL SECTION B-B

An architectural measured drawing of Historic Christ Church, located in Lancaster County, Virginia



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PERSONNEL AND OFFICE CHANGES

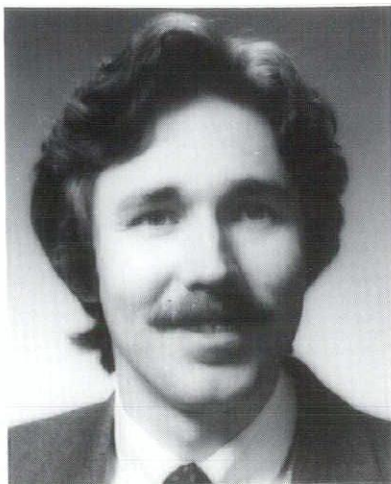


L. Thomas Coulter, AIA

Coulter Now With HBA Architects

The principals at HBA Architects, a Virginia Beach based architectural firm, have announced that L. Thomas Coulter, AIA has joined their staff. He will hold the position of project manager.

Mr. Coulter is a registered architect in the State of Virginia and has been involved in many projects with HUD, the State of Virginia and the government, both Army and Navy. He previously was staff architect with Forrest Coile Associates, P.C. in Norfolk.

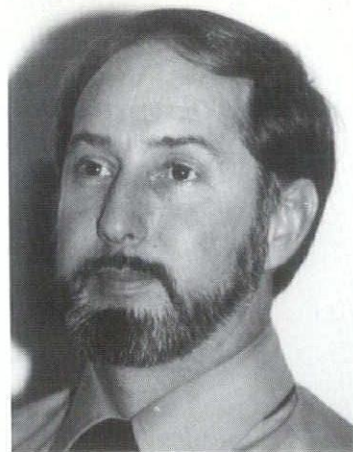


James D. Collins

Washington Associates Adds James D. Collins To Staff

Robert Washington, chairman, Washington Associates, announced the addition of James D. Collins as project architect to the staff of the Norfolk-based architectural firm. Collins was previously an architect with Bonsignore, Brignati & Mazzotta-Architects, New York, New York.

He is a graduate of the New York Institute of Technology with a Bachelor of Science in Architecture. Collins is a native of New York City.



James E. Fisher

Fisher Joins Chenault & Associates

Mr. James E. Fisher, a Henrico County self employed architect, has joined the Richmond City based firm of Chenault & Associates. The new firm name will be "CHENAULT & FISHER," Associated Architects.

Mr. Fisher, a native Virginian with over 20 years experience in architecture has worked successfully with both private and public agencies with high rise buildings, schools, car dealerships, shopping centers, clubs, office buildings, banks, libraries, apartments, renovations, post offices, and medical buildings in Virginia, Washington, D.C., Massachusetts, Maryland and Tennessee.

In the recently much talked about field of new roofing/re-roofing applications, Mr. Fisher, has expertise and has been engaged in re-roofing projects in Virginia and other states.

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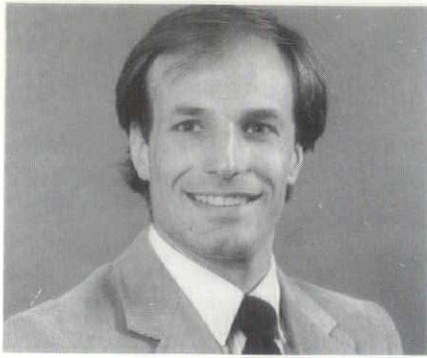
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Bruce A. Maser



Terry M. Martin

Martin and Maser Named to EHV Staff

Terry M. Martin and Bruce A. Maser have recently been named as intern architects with the Hampton architectural firm of Evans Hudson Vlattas.

Martin is a 1983 graduate of Virginia Polytechnic Institute and State University with a Master of Architecture degree. He also holds a Bachelor of Science degree in Psychology from Old Dominion University.

According to S. Michael Evans, President, "We feel that Terry's combined background in psychology and architecture gives him an understanding of people which adds to our understanding of the human factors in the design process."

Martin has a background in project feasibility analysis with a specialization in financial feasibility studies. He recently completed a project that involved the financial feasibility and invest-

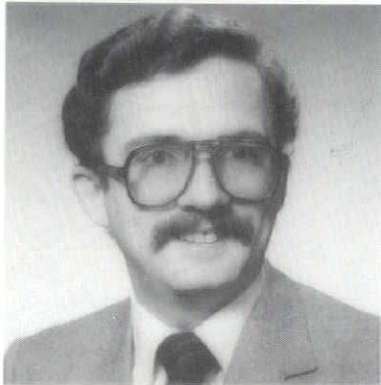
ment potential of the renovation of the historical Appomattox Railroad Station.

Martin has completed training on the firm's Hewlett Packard CADD system and is involved in the renovation of facilities for Badische Corporation. He is a native of Newport News, where he resides with his wife and son.

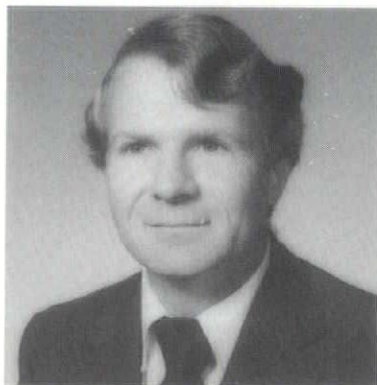
Maser is a 1982 graduate of Virginia Polytechnic Institute and State University with a Master of Architecture degree. He also holds a Bachelor of Arts, Economics and Psychology from Duke University.

Maser has nine years of experience in the construction field. Prior to joining Evans Hudson Vlattas, he was employed by Snyder Hunt Corporation, based in Blacksburg, as a project manager, overseeing the development and construction of multi-family housing.

Maser has also completed training on the firm's Hewlett Packard CADD system and is currently involved with several projects for the firm. He resides in Norfolk.



Paul Finch, AIA



William Greaves, AIA

Washington Associates Adds Two Associates

Robert Washington, chairman, Washington Associates, announced that William Greaves, AIA, and Paul Finch, AIA, have been appointed associates of the firm.

Greaves joined Washington Associates in 1982. He has 9 years of architectural experience covering projects from Norfolk to Keflavik, Iceland. Greaves received his Bachelor of Architecture degree from Virginia Polytechnic Institute and State University in 1975. He is a native of Fort Pierce, Florida.

Finch joined Washington Associates in 1983. He presently serves as project manager for additions and renovation projects at Children's Hospital of the Kings Daughters and Norfolk General Hospital. Finch received his Bachelor of Architecture degree from Virginia Polytechnic Institute and State University in 1975. He is a native of Boston, Massachusetts.

Washington Associates is a thirteen year old, Norfolk based architectural firm with 32 employees.

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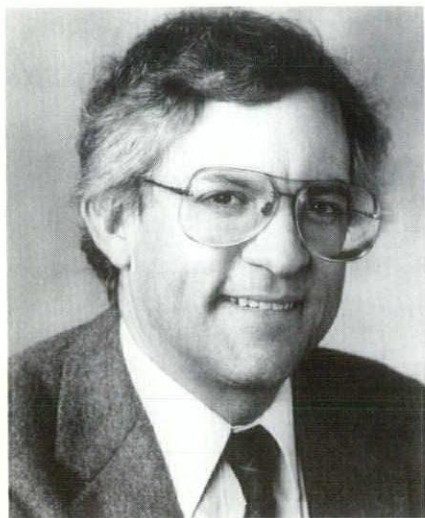
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COMPETITIONS AND AWARDS



James W. Ritter, AIA
Grand Award
Innovations in Housing design competition

Alexandria Architect Takes Top Honors In National Design Competition

A residential design by Alexandria architect James William Ritter, AIA, was recently selected as the Grand Award winner in the 1984 *Innovations in Housing* national design competition.

A sleek, two-story home dominated by twin thermal chimneys and a fan-shaped window, the design was cited by jurors as "a straightforward, liveable plan; a model of space-saving efficiency with innovative energy features." It was chosen from a field of 225 entries across the U.S., Canada and Europe. The home will be constructed by McKinney Homes in Houston, Texas, for display at the 1985 National Association of Homebuilders show.

Ritter has an architectural practice in Alexandria and is a visiting professor at Virginia Polytechnic Institute's Washington/Alexandria Center for Architecture.

The *Innovations in Housing* competition honors outstanding residential design which combines economical, small-home construction and energy efficiency. The competition is sponsored by the Wood Products Promotion Council, including the American Plywood Association, the American Wood Council, the National Forest Products Association, the Southern Forest Products Association, and the Western Wood Products Association. Magazine sponsors include *Better Homes and Gardens*, *Builder* and *Progressive Architecture*.

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BOOKS

Two New Books by Richard Guy Wilson

Richard Guy Wilson is an Associate Professor of Architecture at the University of Virginia. He has written extensively for such publications as *Architectural Record*, the *AIA Journal*, and *Progressive Architecture*, and he is the author or co-author of several books in the field.

THE AIA GOLD MEDAL by Richard Guy Wilson Published by McGraw-Hill

A commemorative volume that offers an in-depth look at the lives and work of those architects who have most influenced architectural design, *The AIA Gold Medal* by Richard Guy Wilson examines the many directions taken during the past 100 years of architectural history.

A celebration of the truly eclectic nature of the AIA Gold Medal awards, sponsored by the College of Fellows of the AIA, this handsome book honors the 125th anniversary of the American Institute of Architects and the 75th anniversary of the Gold Medal. It provides a clear perspective on the medal and its winners, demonstrates what the medal represents, and shows how the work of these noteworthy medalists has affected society.

As stated in the book, "The Gold Medal is the highest award the American Institute of Architects can bestow upon an individual. It is a great honor and represents a recognition of distinguished achievement and contribution to architecture. . . . The award has gone to some of the most eminent and important architectural figures in the world." The list of medalists includes such diverse architects as Henry Bacon and Eero Saarinen, Charles Follen McKim and Frank Lloyd Wright, Louis Henry Sullivan and Walter Gropius. From Sir Aston Webb, the first winner in 1907, to Nathaniel Alexander Owings, the 1983 medalist, *The AIA Gold Medal* illuminates the work of each Gold Medal winner and focuses on the best in the world of architectural design of the last century.

Lavishly illustrated (with eight full-color pages of significant buildings), the book includes some 400 photographs, plans and original drawings that offer valuable insights into both the notable and less well-known technical achievements of the AIA Gold Medalists. It is a fitting testament to their contributions to and influence on world architecture.

McKIM, MEAD & WHITE, ARCHITECTS by Richard Guy Wilson Published by Rizzoli International Publications, Inc.

Looking back on the works of McKim, Mead & White is to contemplate a legacy that is both vast and magnificent. From 1879 until 1915 they were the architects of some of the most important buildings in America's architectural heritage. As an office their work reached a sustained level of excellence that has not since been equalled by any other architectural firm.

Over 900 buildings were designed by McKim, Mead & White that spanned almost every building type imaginable: Hotels, Apartment Houses, Private Clubs, Libraries, Museums, Casinos, Universities, Churches, great Civic Monuments. . . . Some of their finest structures are the Morgan Library, the Villard Houses, the University Club and, the unfortunately demolished, Pennsylvania Station—all in New York City where the company's office was located.

Covered in this volume by Richard Guy Wilson, are 31 examples of the firm's work—some well known, others never before published—ranging from private houses in Newport, Rhode Island, to such monumental projects as Columbia University in New York and the Boston Public Library. Not only are McKim, Mead & White buildings studied, but the various aspects of their architectural practice are examined and traced through the development of the firm's three distinct architectural styles—the Early Period, the Consolidation Period and the High Classical Period. We see the

working relationships of McKim, Mead & White—both as individuals and as an office—together with their clients who, at the turn of the century represented some of the most powerful and socially elite. There are 292 illustrations, including four in color, included in the study.

Today, as our current architectural styles are preoccupied with Post-modernism, there is a resurgence of interest in the classical traditions of McKim, Mead & White's architecture. Their buildings remain treasured historical landmarks while at the same time, potent guides toward the future.

PERIODICALS

DESIGN BOOK REVIEW Published Quarterly by Design Book Review 1414 Spring Way Berkeley, California 94708

Imhotep, the first Architect of record, used Berms and Celestial Bodies to contrive a weatherproof, bacteria-proof, burglar-resistant, perfectly oriented, humidity-controlled, appropriately interioered combination Sundial/Bedroom for a dying Egyptian King. His remarkable Pyramid was admired and much copied in the neighborhood but brought little notoriety to him or his profession. Of course the disciplines he was using were far better developed than those normally used for communications in his day, although both relied heavily on pictures when true clarity was desired.

Artistic and scientific peaks around the Globe were periodically noted during the 4000 years between the Pharaohs and the patronizing Popes. Many of these achievements are factually reviewed and chronicled for posterity. But not since Medici-dominated Florence became the focal point of Italian Renaissance has so much skill and knowledge been ascribed to the compliant Architect. Predictably, he has worn these allegations with little protest, knowing that many of his colleagues are profitably engaged in Design/Build, Energy-Conservation, Nineteenth Century Replication and Historic Preservation.

With fast-track scheduling, they use terms like "Retro-fit" for "Renovate," "Mature" for "Geriatric," and instead of "writing" they "word-process." Office space is Ergonomically designed because Anthropometric data show that an eighteen inch high, padded chairseat is less tiring than the old clerk's high-perch stool for transcribing ledgers, and that a glareless balance between general and task lighting can obviate the green visors and pendant bulbs of Dickens' time.

Energy-consciousness, familiarity with climatology, diurnal patterns, and Trombes; Victorian patterns and tracery; and the new capabilities offered by computer soft-ware certainly broaden the scope of the practitioners' "Extended Services" and offer the client more than he ever before expected. This grand package will hopefully provide some welcome additional benefits to the professional.

The flattering stereotype he has recently borne has been costly in petty cash and in not-so-petty man-hours in cram courses, highly endorsed seminars, manuals, tedious texts, newsletters and born-yesterday associations and clubs. What used to be an Avocational Hobby has turned into plain, hard Continuing Education. But the relentless Architect continues to advance his search for whatever he believes will create better Design, more cost-effective Planning and a people-friendlier Built Environment.

The unavoidable occupational hazard of Continuing Education—sharpening skills and augmenting knowledge—need not be so risky nor expensive as during the early days of the fuel panic.

After forty-five hundred years' practice in and of the Art and Science of Architecture, the late Twentieth Century, High-Tech advocate will welcome a new resource, particularly when it comes in the form of a glossy potpourri of reviews of relevant books.

The notable *DESIGN BOOK REVIEW* quarterly can help any Designer decide what books he should put on his reading list, his coffee table and his library shelf, at home or in-house. It is pleasingly illustrated with mono-

chrome drawings and photographs and boasts knowledgeable, often professional, sometimes ultra-academic reviews of some eighty current works in the Designers' various fields of concern. Publisher's prices (in Issue Two) range from \$3.00 for an Architectural League Edition on Milan to \$275.00 for the "Macmillan Encyclopedia of Architects." most books fall within the happier "under \$30.00" group.

The publishers intend to include a general Index of the previous three issues' offerings in each year's final quarterly to provide an on-going reference source.

This could increase the value of the Magazine over time, but will not make it any easier for the subscriber to wend his perplexing way toward a desired volume. What appears to be a handsome, neat format fragments fast in actual use and will have to be realigned to promote user comfort which is forever important in any collection of reference data from catalog to time-table.

So valuable is *DESIGN BOOK REVIEW* as a viable reference source that it should not be allowed to submerge when a simple rearrangement of ballast can guarantee its steady course.

A few obvious imbalances demand immediate attention, as illustrated here: Beginning with "CONTENTS" which comprise pages 4 and 5, there are eight well phrased "CATEGORIES" under each of which appear page

numbers assigned to "CONTRIBUTORS" (meaning Reviewers). Opposite the Contributors' names are listed, in italics, the books they have reviewed. But usually no Author/Editor names are linked to the listed work, nor, in many cases, is a page number indicated.

The emphasis seems to be strongly focused on the famous "Contributor" as opposed to the Book, or its Author/Editor.

The CATEGORIES noted are conveniently displayed at the right top of each odd-numbered page which is fortunate for the reader because the page numbers themselves are all but hidden in the tight central gutter (in case the reader has been able to locate his book in the "INDEX," pages 116 and 117.)

DESIGN BOOK REVIEW's merit is not in becoming colorful litter for the coffee table, nor a symbol of esoteric literacy, nor even in acting as a Designer's handy bibliography. It's significance must nourish on succinct, unbiased, descriptive reviews of valuable books peculiar to the Designer's current needs for information. And it must be easy to use. A handsome four-color state map is useless without its identifying grid, index and legend.

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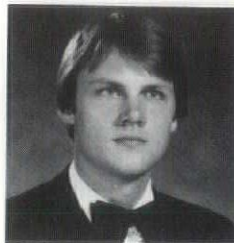
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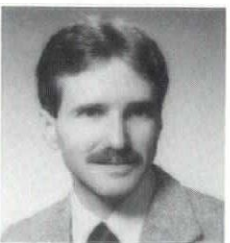
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Performing Arts Building

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Location: Virginia Commonwealth University,
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Associated or Consulting Architect, The Architects Collaborative • Landscape Architect, Interior Designer, Mechanical/Electrical/Structural/Civil Engineer, Hayes, Seay, Mattern and Mattern • General Contractor, Worley Construction Co. • Photography, Maxwell MacKenzie.

Located in the historic Fan District of Richmond, this \$5 million facility brings the Music and Theater Departments of Virginia Commonwealth University together under one roof for the first time in their 35-year history. This modern music and theater laboratory, designed to respond to the growth of the two departments, contains two performance halls; a 508 seat traditional Concert Hall and a 257 seat Drama Theater. Supporting facilities include administrative and faculty offices, classrooms, rehearsal halls, practice studios, electronic music studio, organ suite, scene shop, dressing rooms, and costume design studio.

In keeping with the 19th century townhouses and paving materials that characterize the neighborhood, the lobby interior and the exterior surfaces of the new building are reddish-brown brick. The building is articulated by strong, vertical indentations on the exterior face which reflect interior spaces and functions.

Practice studios are totally isolated from the building structure utilizing floating floors, isolated partitions and ceilings to reduce noise transmission between rooms. The Concert Hall walls and ceilings are double construction and are isolated to reduce sound transmission to





other internal spaces and to reduce infiltration of exterior street noises to the Concert Hall.

Worley Construction Company of Richmond was general contractor and handled excavating

foundations, concrete work, carpentry, structural wood, millwork, paneling, cabinets, waterproofing, caulking, wall and foundation insulation, and special wall finish.

The owner, Virginia Commonwealth University, handled sodding, seeding, etc., landscaping, carpeting, and equipment.

SUBCONTRACTORS & SUPPLIERS

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And, Galaxy Decorating, painting contractor; M. A. Bruder & Sons, Inc., paint supplier/manufacturer; Virginia Elevator Co., Inc., elevators; Wes-Way Sprinkler Co., Inc., sprinkler contractor; Sullivan Mechanical Contractors, Inc., Shenandoah, plumbing/heating/ventilating/air conditioning contractor; Thos. Harris & Co., Inc., Strand Century, Inc. theater lighting & dimming equipment; and Bagby Electric Co., Inc., electrical contractor.



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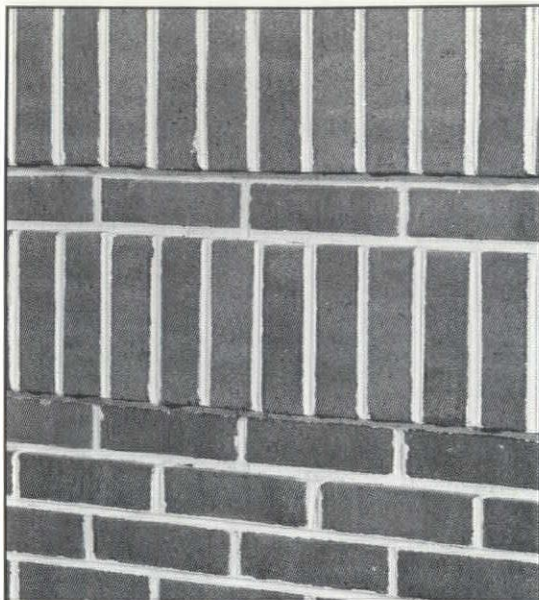
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Location: Richmond

Landscape Architect, Earth Design Associates • Interior Design, DePasquale & Associates • Mechanical/Electrical Engineer, Simmons, Rockecharlie & Prince • Structural Engineer, Dunbar, Milby & Williams • Site, C. Aubrey Featherston II • General Contractor, Viking Enterprise, Inc. • Photography, DePasquale & Associates.

PROGRAM

The design must respond to the strong residential influence of the surrounding neighborhood. The building should be a "Firehouse," to provide a more suitable living environment for the men who work and live there. Two Companies of firefighters are to be housed. Separate office and sleeping facilities to be provided, with shared use of all other facilities. Two-bay Apparatus Room required with immediate access from all surrounding spaces.

SITE

Context is a 1920s "magazine-type house" neighborhood within a major urban area. The houses are predominantly two stories, with hip roofs, large overhangs, dormers, and front porches consistently evident. The parcel of property is a corner lot of the neighborhood, adjacent to an urban thoroughfare.

DESIGN SOLUTION

Embodying the visual language of the houses in the neighborhood, the design becomes a true contextual response to the strong residential influence. In this manner, it is an expression of a real "Firehouse," as well as an *integral part* of the community. The design, then, "fits" its site and echoes the stabilizing role it should have within its own neighborhood—as a facility with a humane outreach serving people.

The main body of the building is the apparatus room, with the shared activities areas above.

This two-story mass reflects the size and shape of its neighbors, and incorporates the same visual elements—large overhang, dormers, a front porch, etc. Wrapping the apparatus room on the first floor are office and sleeping spaces to minimize travel distance during night hours. The sleeping spaces also progressively feed into adjacent locker areas, and finally a shared toilet/shower facility.

Several passive energy saving features reduce heating demands in the winter and aid natural cooling in the summer—earth berming along the north wall, the strategic placement of thermal buffers, glass areas oriented to the south with proper shading devices, and air-shafts and a cupola which allow for heat escape only during warmer months, controlled by motorized dampers. An active solar domestic hot water system is also included.

Site improvements include landscaping and plaza areas created to be in harmony with the surrounding context.

COST DATA

Budget: \$647,000.
Cost: \$643,000.

Viking Enterprise, Inc. of Richmond was general contractor and handled foundations, concrete work, carpentry, structural wood, and foundation insulation.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)
Seaboard Contractors, Inc., Mechanicsville, excavating, sodding, seeding, etc., landscaping, landscaping contractor, and paving contractor; Bowker & Roden, Inc., reinforcing; Richmond Ready-Mix Corp., concrete supplier; Thomas R. Bowles & Sons, Blackstone, masonry contractor & wall insulation; Browning Steel Erectors, steel supplier/erection/joists, miscellaneous metal & handrails; Basic Woodwork, millwork, metal doors & frames, wood doors & windows; Richmond Primoid, Inc., waterproofing; Commercial Caulking Co., caulking; and Caudle Roofing Co., Inc., roofing & sheet metal.

Also, Davenport Insulation, Inc., roof insulation; Richmond Glass Shop, Inc., glass & glazing contractor; American Window Products, Inc., vinyl siding; Pleasants Hardware, hardware supplier; F. Richard Wilton, Jr., Inc., Ashland, gypsum board contractor; B. R. Gery Tile & Marble Co., ceramic tile; Fendley Floor & Ceiling Co., acoustical treatment & resilient tile; DMA & Associates, Inc., carpet; George E. Mowbray Jr. Paint & Wallpaper Co., painting contractor; J. H. Pence Co., lockers & benches; Janosko Food Equipment Corp., equipment; Barranger & Co., Inc., folding partitions; Schalow Manufacturing Co., Inc., Powhatan, chalkboards & tackboards; Eveready Oil Supply Co., sprinkler/plumbing/heating/ventilating/air conditioning contractor; and P & S Electric Co., Inc., electrical contractor.



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Eastern Elementary School

Mills Obenchain Oliver & Webb, Inc. — Architects & Engineers

Location: Giles County

Project Architect/Designer, Philip Pappas •
Landscape Architect, Laurel Creek Nursery •
Interior Design, Cost Consultant, Structural/
Mechanical/Electrical Engineer, Mills Obenchain Oliver & Webb, Inc. • Site Engineer/
Surveyor, Anderson & Associates • General Contractor, Frazier Construction Co., Inc. •
Photography, Huffman Studio.

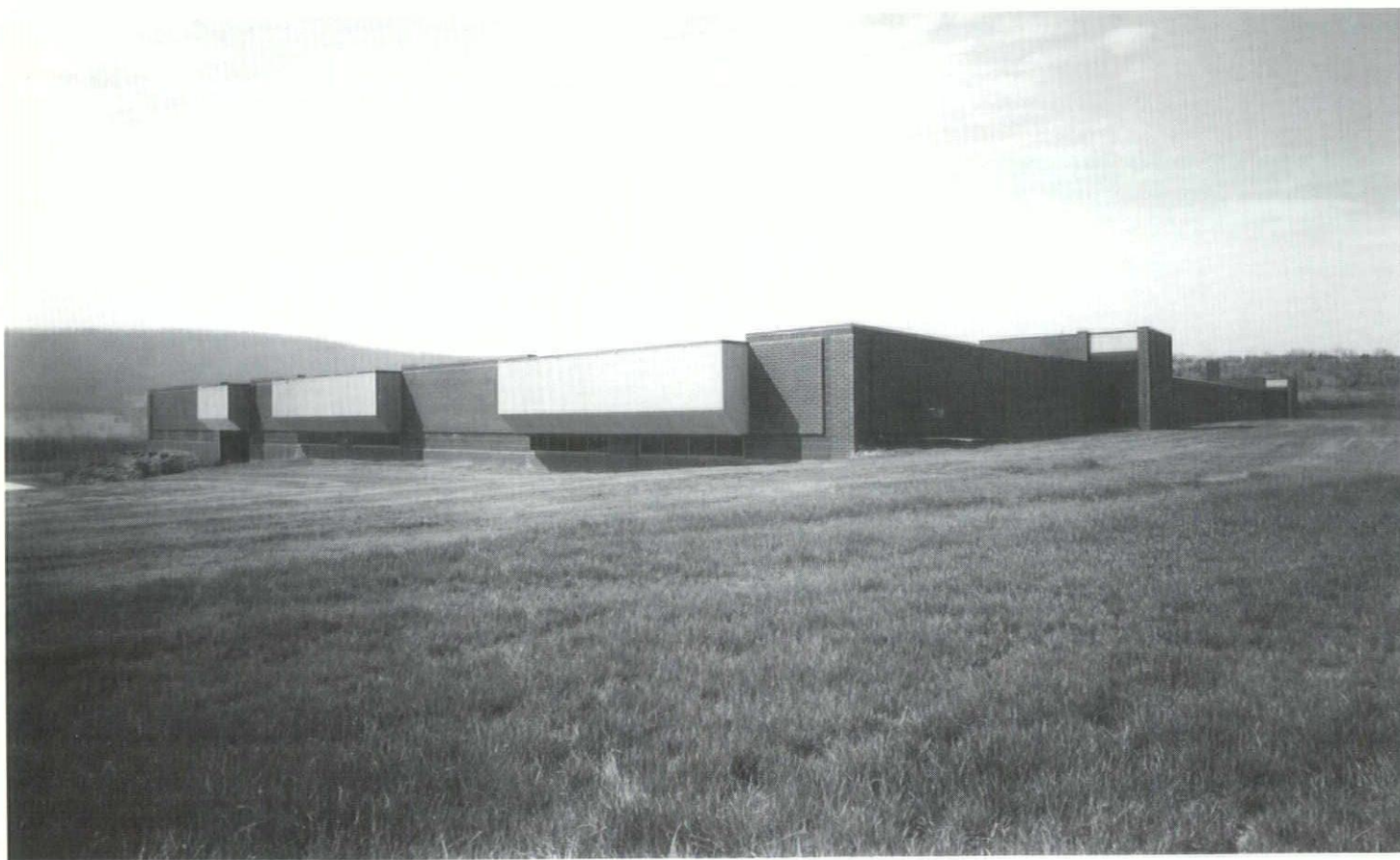
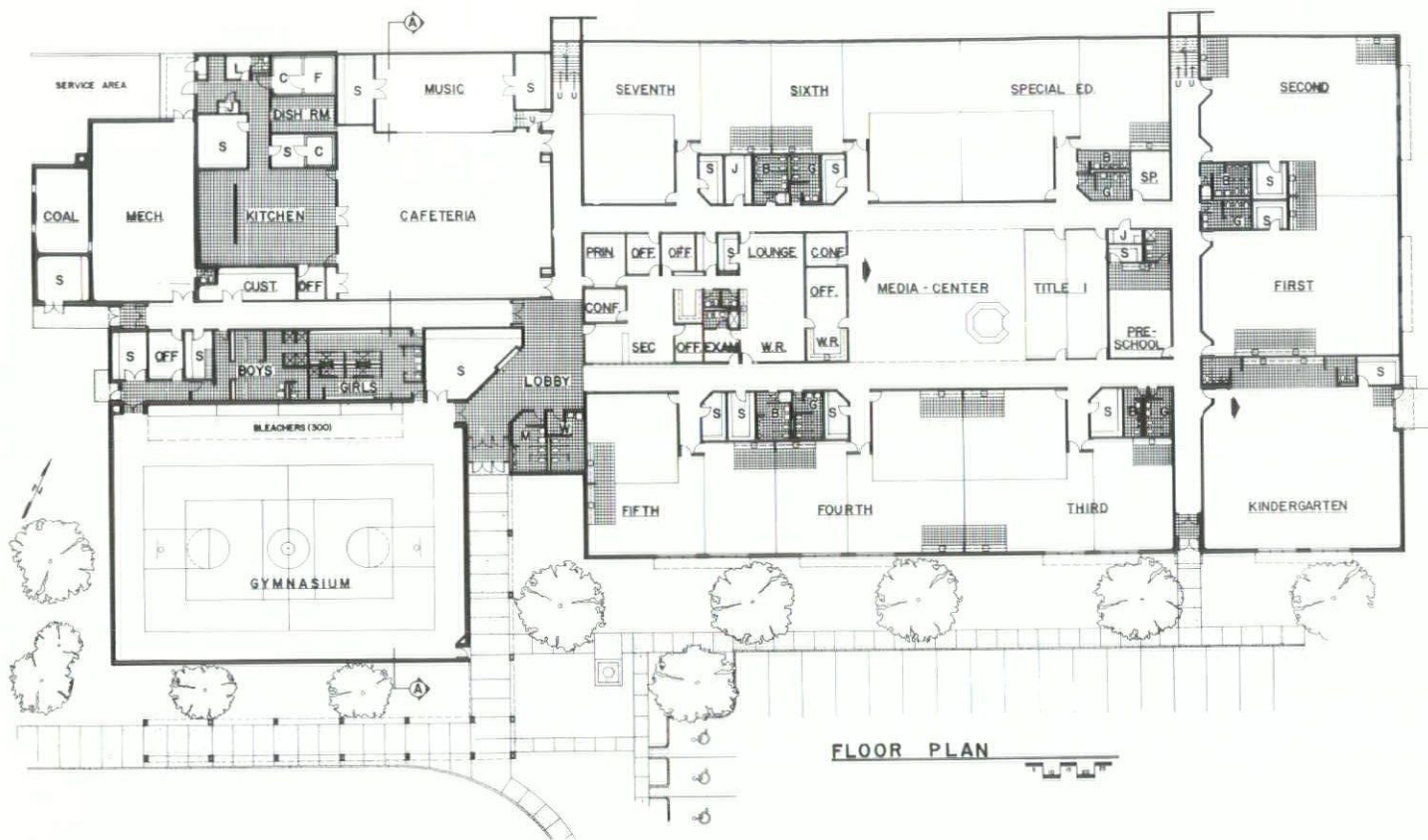
The educational program dictated an elementary school for grades K-7 conveniently arranged for both flexible educational space and community use with the possibility of adding the eighth grade in the future. The building should be energy conscious and accessible to the handicapped.

Each grade level contains three classes and is divided by relocatable walls which can be

changed to meet varying pupil ratios or educational concepts as required. The instructional areas revolve around the media center with its stepped story pit for various learning activities and the administration area which is conveniently located to control the main entrance and other major activities.

The classroom section of the school can easily be secured by folding gates at the beginning of





two corridors, thereby enabling the community the use of the remaining facilities which include: a gymnasium seating 300 and containing full size basketball and volley ball courts with adjoining dressing areas; a music room, which is separated from the cafeteria, seating 300 by a movable partition which may function independently or be used as a stage in conjunction with the cafeteria.

The school, paved play areas, and all spaces within are accessible to the handicapped by means of ramps or a lift.

Although the site contains 40 acres, the amount of usable land was greatly reduced due to the location of many sink holes scattered throughout the property. The usable land was further reduced by the need for large areas to contain a low pressure wastewater disposal system. This prototype of system was developed to meet the wastewater requirements of a rural site with extremely poor percolation rates.

The area selected sloped approximately 10 feet across the building from north to south. In order to minimize the amount of excavation required and in order to take advantage of the natural insulating characteristics of the earth, this change in elevation was maintained with the grade approximately eight feet above the slab on the north side of the building and opening to grade on the south side. The school is therefore naturally protected from the severe northwest winds predominately found in this area. All major glass areas and entrances are located on the south side along with a five-foot earth berm for added insulating properties.

The type of construction consists of masonry wall bearing metal joists with a single membrane roofing system. The exterior finish consists of a combination of running bond and soldier brick courses in different plane and of different earth tone colors, bronze insulating glass and dryvit fascia, and soffitt. The interior finishes are brick, concrete masonry units, quarry tile, and carpet.

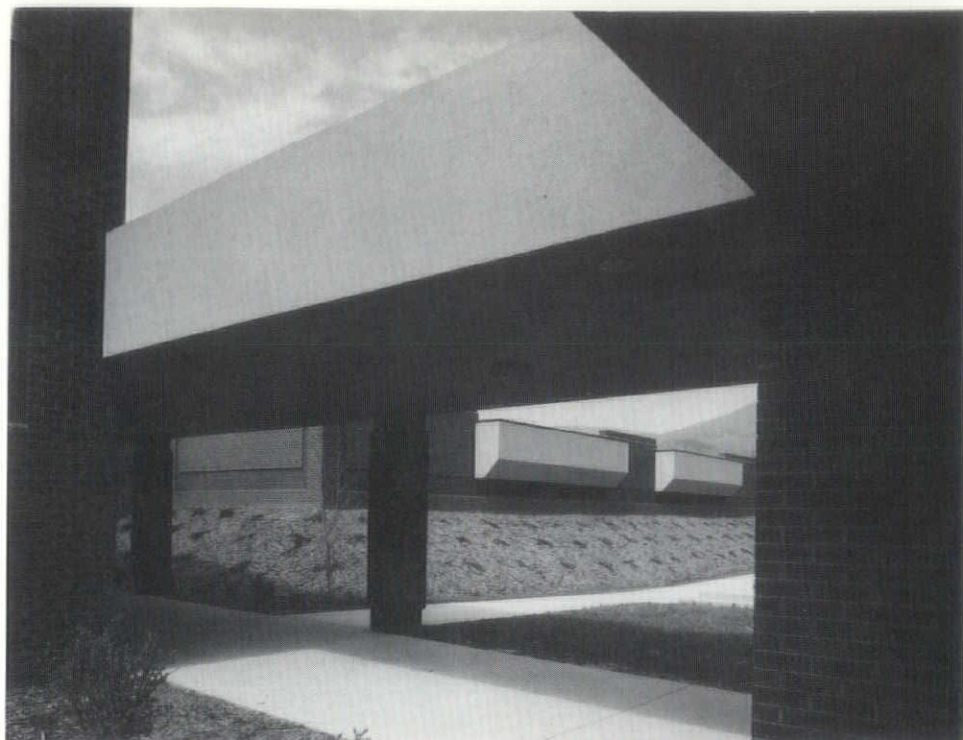
Mechanical energy conserving features consist of:

1. Natural cooling throughout whenever outdoor temperature is cool enough.
2. Night temperature setback—programmable electronic clock shuts off all cooling, ventilation air and exhaust fans and maintains reduced temperature at night. Warm-up cycle returns building to normal temperature just before students arrive in the morning.
3. Administration area has separate roof mounted air conditioning unit—allowing summer use of area without running large central equipment.
4. Variable flow pumping of heating and chilled water allows one of two pumps on each system to be automatically shut down when not needed.

Frazier Construction Co., Inc. of Altavista was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS (Roanoke firms unless noted)

Atlantic Concrete, Inc., Blacksburg, concrete; Adams Construction Co., Blacksburg & Roanoke, stone & paving; A & L Excavating & Septic Tank Co., Inc., Newport News, miscellaneous



grading; Valley Steel Corp., Salem, rebar; Dodson Bros., Blacksburg, soil poisoning; Powers Fence Co., Lynchburg, fencing; Hunley Construction Co., Martinsville, masonry; Bolling Steel Co., Inc., Salem, metals; I. N. McNeil Roofing & Sheet Metal Co., Inc., roofing & waterproofing; Engineering Sales Corp., Blountville, TN, hollow metal & wood doors; and Leonard Jed Co., Richmond, finish hardware.

Also, PPG Industries, Inc., glass & glazing; DeHart Tile Co., Christiansburg, quarry & ceramic; Argabright Contractors, Inc., resilient, acoustical, Dryvit, drywall, lath & plaster; Rocco

Construction, Inc., Harrisonburg, burlap panels; Flowers School Equipment Co., Inc., Richmond, wood floor & lockers; Lee's Lines Ltd., flagpole, signs, plaque & display case; Roanoke Engineering Sales Co., Inc., operable wall; Rosenbaum of Roanoke, Inc., toilet accessories; John G. Kolbe, Inc., Richmond, food service equipment; Brownson Equipment Co., Inc., Richmond, basketball backstops, scoreboards, bleachers & volleyball standards; Discount Carpet Center, carpet; Valley Mechanical Contractors, Inc., plumbing, HVAC & site utilities; Magic City Sprinkler, Inc., sprinkler; and R & M Electric Co., Christiansburg, electrical contractor.




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Virginia Education Loan Authority

Edward H. Winks — Architecture, P.C.

Location: Richmond

Project Architect, James D. Snowa • **Interior Design,** Janet Kane Interiors, Inc. • **Site Engineer/Surveyor,** Youngblood, Tyler & Associates, PC • **Structural Engineer,** McKinney & Walker • **Mechanical/Electrical Engineer,** Bohannon, Staley & Associates • **Geotechnical Engineer,** Schnabel Engineering Associates • **General Contractor,** J. Kennon Perrin Construction Co., Inc. • **Photography,** Whitney Cox.

The Virginia Education Loan Authority, situated at the intersection of 5th Street and Interstate 95, is the first visual impression at the northern gateway of the developing Project One Area in downtown Richmond.

The 15,000 square foot building consists of square and triangular forms that create a dramatic 5th Street facade while providing energy-conservation features on the stepped-back south face.

Projected triangles on the north side provide a visual screen for the loading dock with private terraces accessible from the employees lunch/training room on the second floor and the conference room on the third floor. The triangular form at the opposite end of the building defines the dramatic two-story entrance and lobby.

The main mass of the building is oriented for direct southern exposure, providing passive solar gain and a natural light working environment. The south elevation steps back to allow for penetrating winter light while reducing the summer sun's heat. Other energy conserving features include a penthouse-mounted solar collector for domestic hot water and an earth berm on the west side.

Materials used in the construction of this building complement the major structures in the area while blending in with the character of the adjacent neighborhood. Ceramic tile is used for the high traffic interior floors. The balance of the flooring consists of carpet and vinyl composition tiles.

A landscaped plaza incorporating the public sidewalk and leading directly to the lobby area, integrates exterior and interior public spaces. VELA's ground floor contains an "open office" loan origination department, a mail room, shipping and receiving department, a computer room and various supplemental functions.

Located on the second floor is an "open office" collections department, supervisors' offices, archives and an employee lunch room that also functions as a training room. A balcony at the elevator lobby overlooks the main reception area below.

Administrative offices and the board of directors' conference room comprises VELA's third floor. The chief administrative offices have a view downtown to Project One, providing both a visual and physical connection to the major developing areas of downtown Richmond in what will soon become a primary center of activity for the city.

J. Kennon Perrin Construction Co., Inc. of Richmond was general contractor and handled foundations, concrete work, and carpentry.

SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)

E. G. Bowles Co., excavating & paving contractor; Bowker & Roden, Inc., reinforcing; Massey Concrete Corp., concrete supplier; J. Carrington Burgess, Masonry Contractors, Inc., masonry contractor; Redford Brick, Inc., masonry manufacturer; Shade & Wise, Inc., masonry supplier;

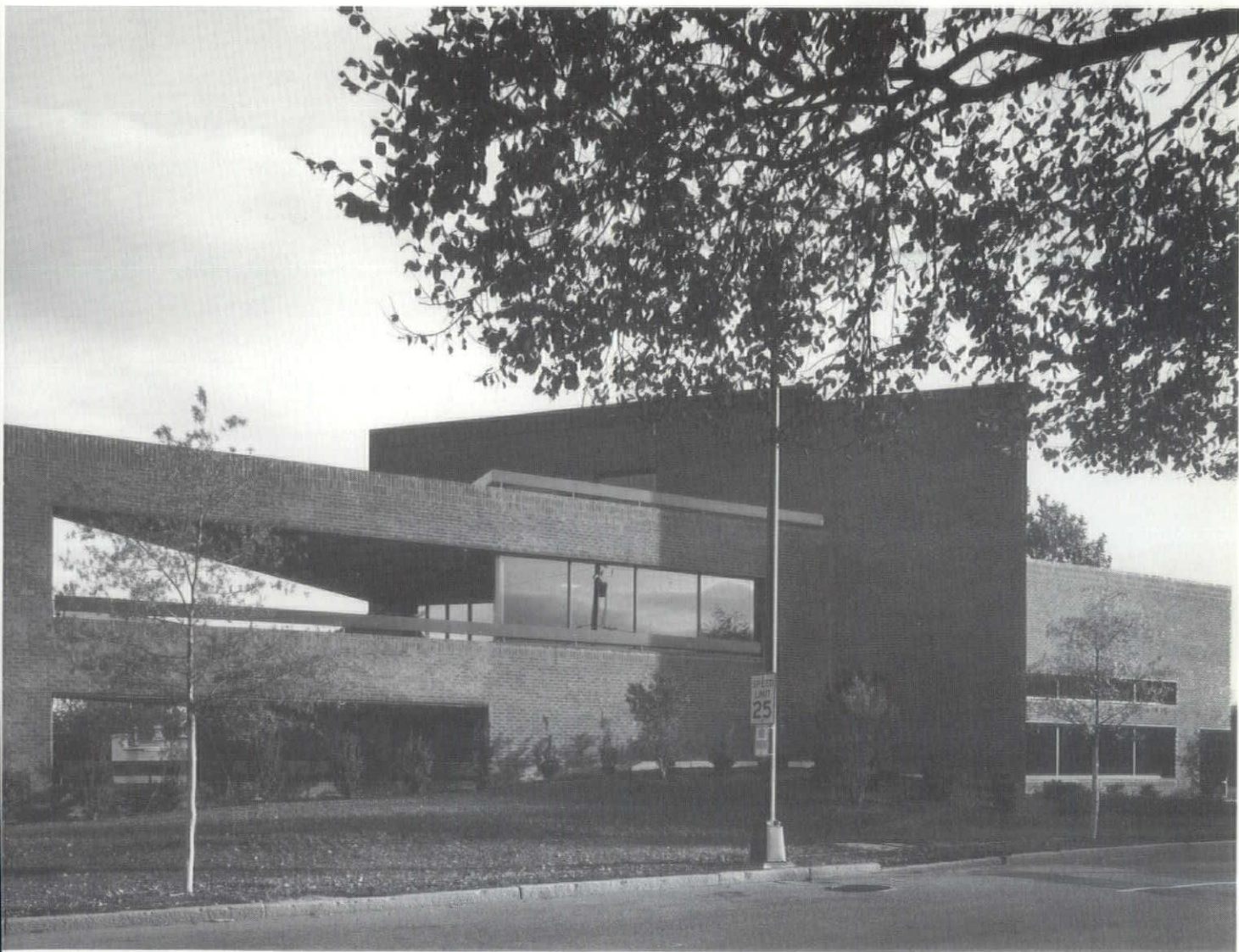


Riverton Corp., Riverton, Flamingo mortar; Lynchburg Steel & Specialty Co., Monroe, steel supplier/erection/joists/roof deck & miscellaneous metal; Norman W. Hall Associates, other roof deck & metal roofing; Willard L. Council Roofing, Inc., built-up roof & sheet metal; and G. T. Duke Insulation Co., Inc., wall insulation.

Also, Saunders Oil Co., Inc., foundation insulation; H. Beckstoffer's Sons, Inc., structural wood, millwork & wood doors; Richmond Primoid, Inc., waterproofing & membrane roof; E. S. Chappell & Son, Inc., caulking; American Door & Glass, Inc., glass, glazing contractor & storefront; J. S. Archer Co., Inc., metal doors & frames & hardware supplier; American Partition

Systems, Inc., gypsum board contractor; and H. E. Satterwhite, Inc., ceramic tile.

And, Manson & Utley, Inc., acoustical treatment, resilient tile & access floor; W. W. Nash & Sons, Inc., painting contractor; Sampson Coatings, Inc., paint supplier/manufacture; Virginia Elevator Co., Inc., elevator; Wes-Way Sprinkler Co., Inc., sprinkler contractor; VAMAC, Inc., plumbing fixture supplier; Reames and Moyer, Inc., plumbing/heating/ventilating/air conditioning contractor; Westinghouse Electric Corp., lighting fixtures/electrical equipment supplier; Thomas Harris & Co., Inc., Tivoli lighting & Peerless lighting; and Reliable Electrical Contractors, Inc., electrical contractor.



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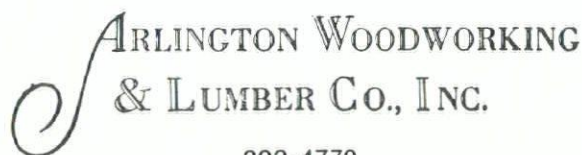
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Mills Obenchain Oliver & Webb, Inc. — Architects & Engineers

Location: Wise, Va.

Project Architect, Philip Pappas • Landscape Architect, Interior Design, Cost Consultant, Structural/Mechanical/Electrical Engineer, Mills Obenchain Oliver & Webb, Inc. • Site Engineer/Surveyor, Anderson & Associates • Soils Engineer, Foundation Systems Engineering Co. • General Contractor, Quesenberry's, Inc. • Photography, Morris Burchette.

The program dictated a simple rectangular building with areas that are the absolute minimum required for each particular function. The building should be maintenance and security conscious and accessible to the handicapped.

The service lobby with its normal daily operating hours is separated, with lockable glass doors, from the lock box and self service lobby, which remain open at all times. The major area of the building is devoted to mail processing and related functions. A covered loading platform was required to service trucks of varying size.

A large public parking area and a secured service area for truck and carrier loading and parking were required on the site. The 1.1 acre site sloped approximately 24 feet from west to east. The large elevation change on this site along with the requirements of a level truck service area and public handicapped accessibility resulted in portions of the building being below finished grade.

The type of construction consists of a steel frame with metal bar joists and a single membrane roofing system. The exterior finish consists of a combination of plain and fluted white concrete masonry units, and Lexan windows. The interior finishes are concrete masonry unit walls, quarry and vinyl asbestos tile floors, and acoustical tile ceilings.

Design Conditions: The heating, ventilating, air conditioning system will provide a uniform temperature of 70°F inside when the outside temperature is 4°F in the winter, and 78°F inside when the outside temperature is 82°F DB, 71°F WB in the summer.

Description of System: The heating, ventilating, and air conditioning system for the building will utilize a roof top air conditioning unit and a variable air volume air supply system. The variable air control units will have electric reheat coils and air will be distributed through ceiling diffusers. Electric heaters will be provided in

toilets and storage rooms. Toilets will be ventilated by exhaust fan located on the roof.

Quesenberry's, Inc. of Big Stone Gap was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

Ace Electric Co., Inc., Weber City; Akens Masonry Co., Big Stone Gap; Big Stone Asphalt Paving Corp., Big Stone Gap; Bryant Sheet

Metal, Inc., Abingdon; Daniels Plumbing & Heating, Inc., Norton; Davis Brothers Nursery, Rose Hill; Deel's Floorcoverings, Inc., Kingsport, TN; W. D. Harless Co., Inc., Dryden; Holston Steel Structures, Inc., Bristol, TN; Central Glass Co. of Va., Bristol; Leo's Exterminating Co., Inc., Bristol, TN; Oakridge Roofing, Inc., Johnson City, TN; Rio Grande Fence Co., Kingsport, TN; Rite Hite Corp./Equipment Systems, Inc., Richmond; and Tauscher Roof Deck Co., Blountville, TN.





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Virginia Supplemental Retirement System (VSRS)

Glave Newman Anderson Architects, P.C.

Location: Richmond

Project Architect/Designer, Samuel A. Anderson III • Interior Design, Glave Newman Anderson Architects, P.C. • Structural Engineer, Dunbar, Milby and Williams • Mechanical/Electrical Engineer, Hankins & Anderson, Inc. • Construction Manager, Davidson & Jones Construction Co. • Photography—Old Photo, Valentine Museum/Joann Seaburg-Baker.

The Virginia Supplemental Retirement System is restoring the 90-year-old Planters National Bank Building and adding an office wing and an attached eight-level parking garage at the cost of \$5 million. The old Planters Bank Building, at 12th and Main streets in Richmond, will serve as the new VSRS headquarters. The agency will occupy the entire existing structure, approximately 30,000 square feet on four floors and will lease the 27,000 square feet of office space in the five-story addition. The top story will offer penthouse offices totaling about 4,000 square feet.

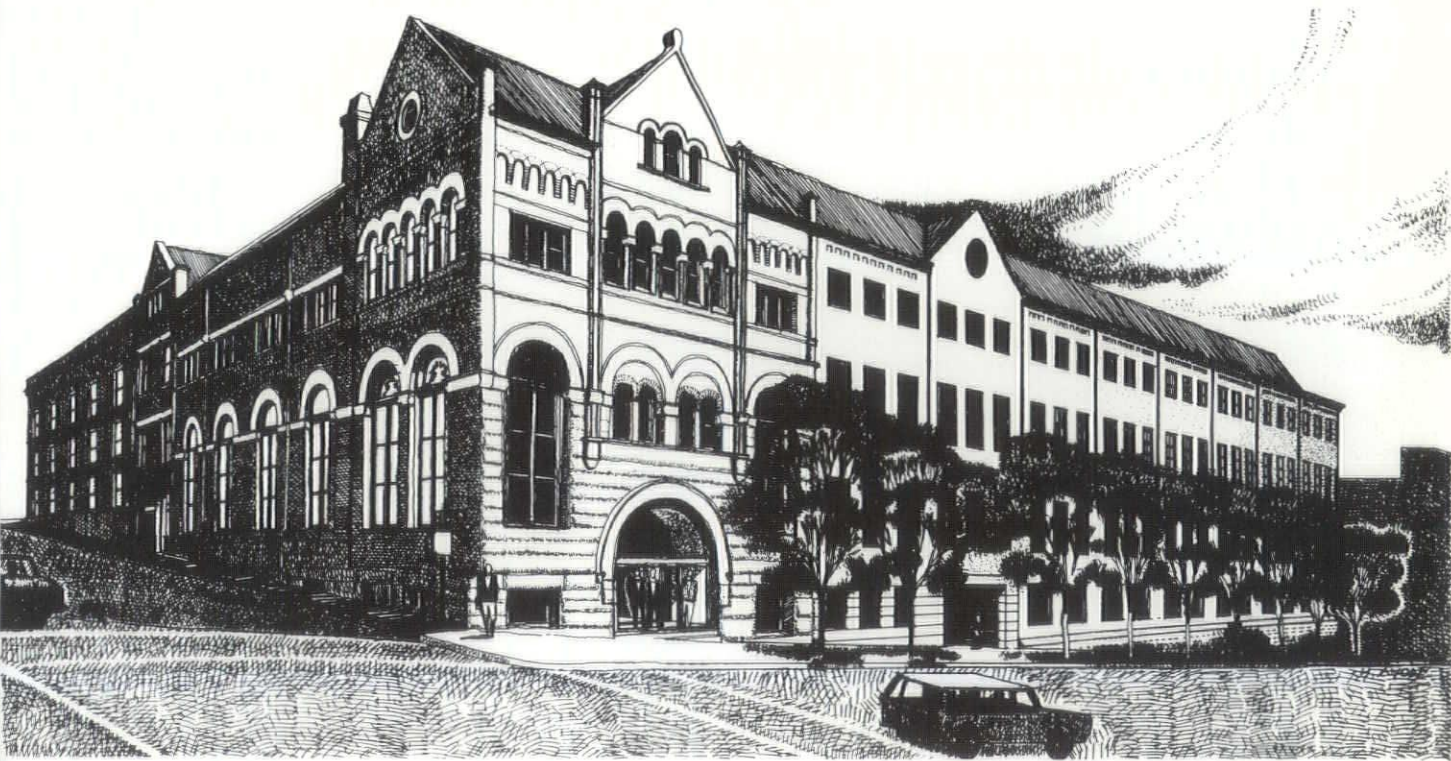
The new parking deck will provide spaces for 250 vehicles, making this one of the few offices on Main Street with more than adequate parking. The deck will be located in the northeastern quadrant of the site and will be hidden from a Main Street view by two buildings.

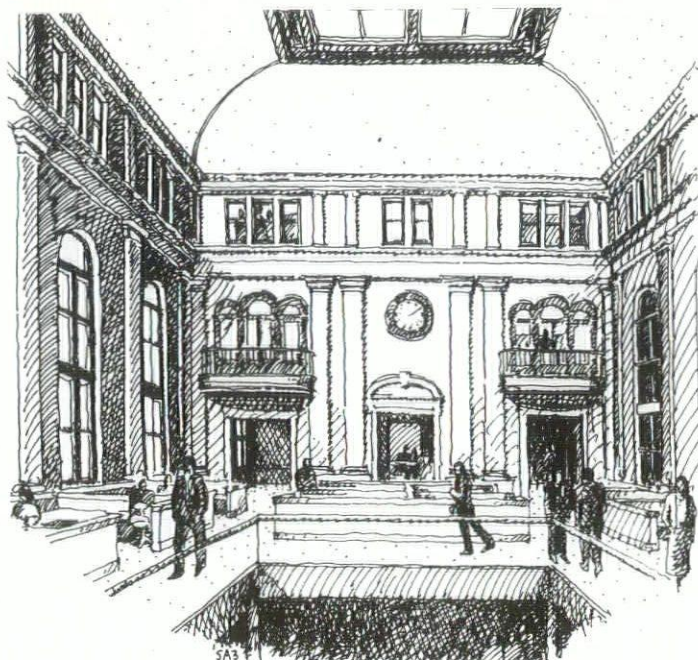
A number of options in designing the exterior were examined. The look chosen for the addition provides the original structure an appropriate setting without distracting from it. By using a brownstone colored brick with a rusticated base the new building complements the older building without aggressively competing with it. The addition takes its design signals from the structures across the street. It will look as if it has always been a part of the Main Street scene.

The Planters National Bank Building is one of only a few examples of Richardsonian Romanesque architecture in the city of Richmond, the only one on Main Street. It has been recently added to the National Register of Historic Places. Its architectural motif was made famous by one of America's first foreign-trained architects, Henry Hobson Richardson, in the late 19th century. Charles Read, a preeminent Richmond architect, chose this style, characterized by peaks and arches, when he designed the Planters Bank Building nearly a century ago.

The bank's lobby is being restored to its original 1893 look. Design cues were taken from an old photograph of the banking floor. The configuration of the work area was patterned after the original teller layout. By using a combination of marble work surfaces and painted marble teller cages, another aspect of the historical image has been picked up. In addition, the carpeting pattern has been specially designed to recreate a Greek key floor tile pattern appearing in the photo. This floor tile design will surround the work bays and be visible from the balconies and from the board room.

The building's central skylight, covered over in the late 1930s, is being opened up and made visible 40 feet above ground level. It will func-





tion as a light well for the three surrounding floors of contemporary offices. The color scheme throughout the interior reflects the rustication of the exterior and other architectural features. An added aspect of the period will be accented in the chair styles of the late 1800s.

The original bank vault, found sealed behind a plaster wall, is being transformed into a conference room. The brass gates are being refurbished to their original luster and the specially designed carpet motif will also border the conference table. To complete the reach back into history, this historic photograph will be used as a 28-foot-long mural on the back wall of the conference room.

The VSRS plans to occupy the renovated building in the late spring. The addition is scheduled for completion by the fall of this year.

"We are looking forward to occupying the facility that has been designed for our needs and will permit us to carry through the mission of the agency," said Glen D. Pond, VSRS director. "And we are proud to have a part in the preservation

of an architecturally significant Richmond building."

Davidson & Jones Construction Company of Raleigh, North Carolina is acting as construction manager for the project.

SUBCONTRACTORS & SUPPLIERS (Richmond firms unless noted)

J. A. Walder, Inc., Ashland, excavating & piling; Watkins Nurseries, Inc., Midlothian, landscaping contractor; Jordan Construction, Inc., Ashland, foundations, concrete contractor, reinforcing & carpentry; Lone Star Cement, Inc., concrete supplier; Concrete Structures, Inc., pre-stressed concrete; Farragut Masonry Corp., Portsmouth, masonry contractor; Isenhour Brick & Tile, Salisbury, NC, masonry manufacturer; Redford Brick Co., Inc., masonry supplier; River-ton Corp., Riverton, Flamingo mortar; Seaboard Concrete Products, stonework contractor/supplier; Southern Engineering Co., Charlotte, NC, steel supplier, miscellaneous metal & handrails; Lynchburg Steel & Specialty Co., Monroe, steel erection & steel roof deck; Weldon Roofing & Sheet Metal, Inc., Weldon, NC, built-up roof, other roofing, roof insulation & sheet metal; and

HIVA of Richmond, Inc., Ashland, wall insulation & gypsum board contractor.

Also, T M S Builders Supply, millwork, cabinets & wood doors; Forms & Surfaces, paneling; Alexander Construction, Inc., waterproofing; E. S. Chapell & Son, Inc., caulking; Binswanger Glass Co., glass, glazing contractor & windows; Martin Architectural, Raleigh, NC, metal doors & frames; J. S. Archer Co., Inc., hardware supplier; F. Richard Wilton, Jr., Inc., Ashland, plaster contractor; H. E. Satterwhite, Inc., ceramic tile; Acoustics & Interior Construction, Inc., acoustical treatment & resilient tile; Barden's Decorating, Midlothian, painting contractor/supplier (Benjamin Moore paints); Barranger & Co., Inc., Midlothian, specialties; Dover Elevator Co., elevator; Wes-Way Sprinkler Co., Inc., sprinkler contractor; Noland Co., plumbing fixture supplier; Hungerford Mechanical Corp., plumbing/heating/ventilating/air conditioning contractor; Starr Electric Co., Inc., electrical contractor; and Westinghouse Architectural Systems Division, Grand Rapids, MI, special equipment.

Westinghouse fabric wall finish, Vin L Fab wall covering, and Winona lighting fixtures are being used.



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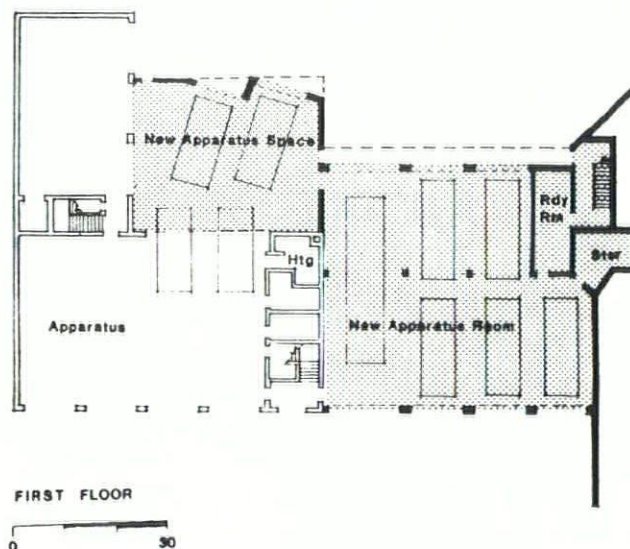
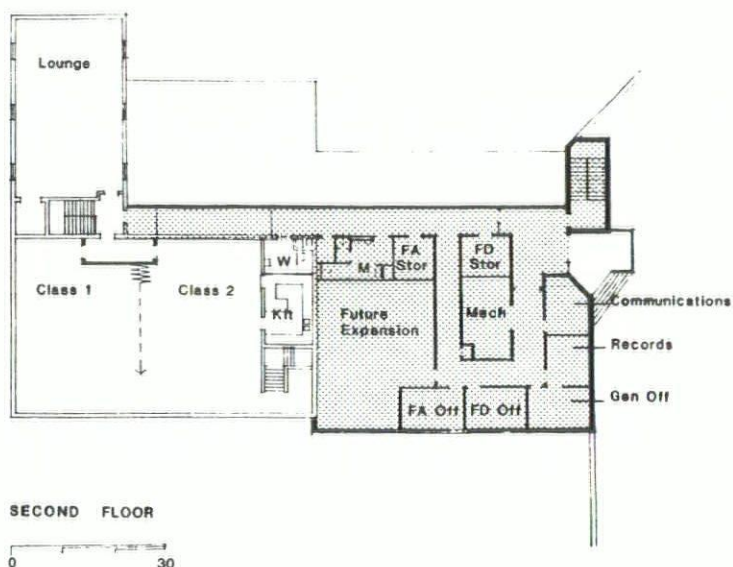


Fire Station #1

Smithey & Boynton — Architects & Engineers

Alterations & Additions • Location: Blacksburg

Project Architect/Designer, Interior Design, Structural/Mechanical/Electrical Engineer, Smithey & Boynton • Site Engineer/Surveyor, Pittsburgh Testing Lab • General Contractor, C. L. Lewis & Co., Inc. • Photography, Smithey & Boynton.





The additions to Blacksburg Fire Station #1 were part of the recent Capital Improvement Program which also included a new Community Recreation Center, a new Police Headquarters Building and alterations to the Municipal Building. Although a second satellite station is proposed for Prices Fork Road in the future, Station #1 is considered to be the central and administrative station for the Town of Blacksburg through the year 2000. Therefore, administrative facilities comprise a sizeable portion of the new addition. These administrative spaces and other functional areas on the second floor are laid out in a manner to provide a great deal of operational flexibility in case the department incurs one or both potential organizational changes in the near future; a paid force and/or a separation of fire and first aid crews.

A major problem with the original station and with the additions was vehicular access. The former lot arrangement, building expansion, and fleet growth resulted in an extremely awkward and potentially dangerous vehicular circulation. The original station was designed when the corner lot at Jackson and Progress Streets was residential property. A narrow lane from Jackson Street provided limited access for small emergency vehicles to the rear of the station. All fire apparatus units were required to back in from Progress Street. The town subsequently acquired the corner lot, making possible the expansion of the original fire station. A prime functional consideration of the expansion scheme was to provide maximum drive-through capabilities; all but one of the new vehicle bays in the addition are drive-through and additional modifications were made to the existing structure to provide more generous drive-through accommodation for smaller emergency vehicles. At present 11 vehicles have drive-through capability; only three require back-in access from Progress Street.

By setting the new apparatus floor at the existing floor level and expanding into the bank toward Jackson Street, a cut-fill situation occurred which allowed a new grade-level public entrance to the second floor of the existing building. In addition to creating grade level entrances for both floors, a separation of the public entrance (with public functions—offices, toilets, classrooms, etc.) and emergency vehicle access areas has been accomplished. A new entrance has been developed for volunteers near the rear parking area. This entrance goes directly into the main stairwell which connects a ready room on the first floor and office areas on the second. A second volunteer entrance along the Progress Street side occurs at the existing building main entrance and serves volunteer parking locations to the west of the site.

The existing large second floor public room was provided with the capability for division into two separate classroom spaces, which may be used simultaneously for training for volunteers and for use in an extensive program in adult education offered the public in medical/first aid classes and demonstrations.

C. L. Lewis & Co., Inc. of Lynchburg was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

Anchor Construction Co., Inc., Blacksburg, excavating; Seaboard Foundations, Jessup, MD, piling; S. R. Draper Paving Co., Inc., Roanoke, paving contractor; Valley Steel Corp., Roanoke, reinforcing; Marshall Ready Mix Co., Christiansburg, concrete supplier; Tri-City Concrete Products, Christiansburg, CMU; Construction Products Co., Inc., Lynchburg, steel joists & steel roof deck; J. B. Eurell Co., Richmond, other roof deck; Attco Equipment, Inc., Roanoke, miscellaneous metal; Leonard Smith Sheet Metal & Roofing, Salem, built-up roof; and McClung Lumber Co., Salem, millwork.

Also, Tilley Paint Co., Inc., Pulaski, caulking & painting contractor; Ware Glass Shop, Lynchburg, glazing contractor; The Overhead Door Co. of Roanoke, Roanoke, metal doors; Skyline Paint & Hardware, Inc., Roanoke, wood doors & special flooring; Roanoke Engineering Sales Co., Inc., Richmond, windows, metal letters & hollow metal; Tom Jones Hardware Co., Inc., Richmond, hardware supplier; DeHart Tile Co., Christiansburg, ceramic tile; John Yauger, Roanoke, louvers; Valley Air Conditioning Corp., Roanoke, plumbing/heating/ventilating/air conditioning contractor; and Mays Electric Co., Lynchburg, electrical contractor.

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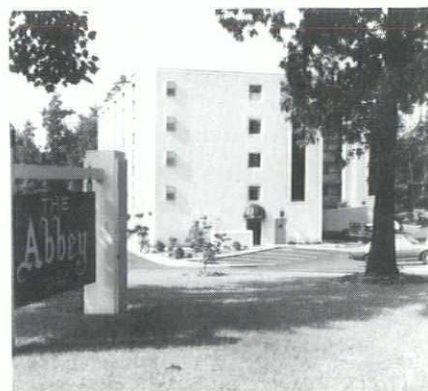
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Roanoke Valley War Memorial

Hayes, Seay, Mattern and Mattern — Architects & Engineers

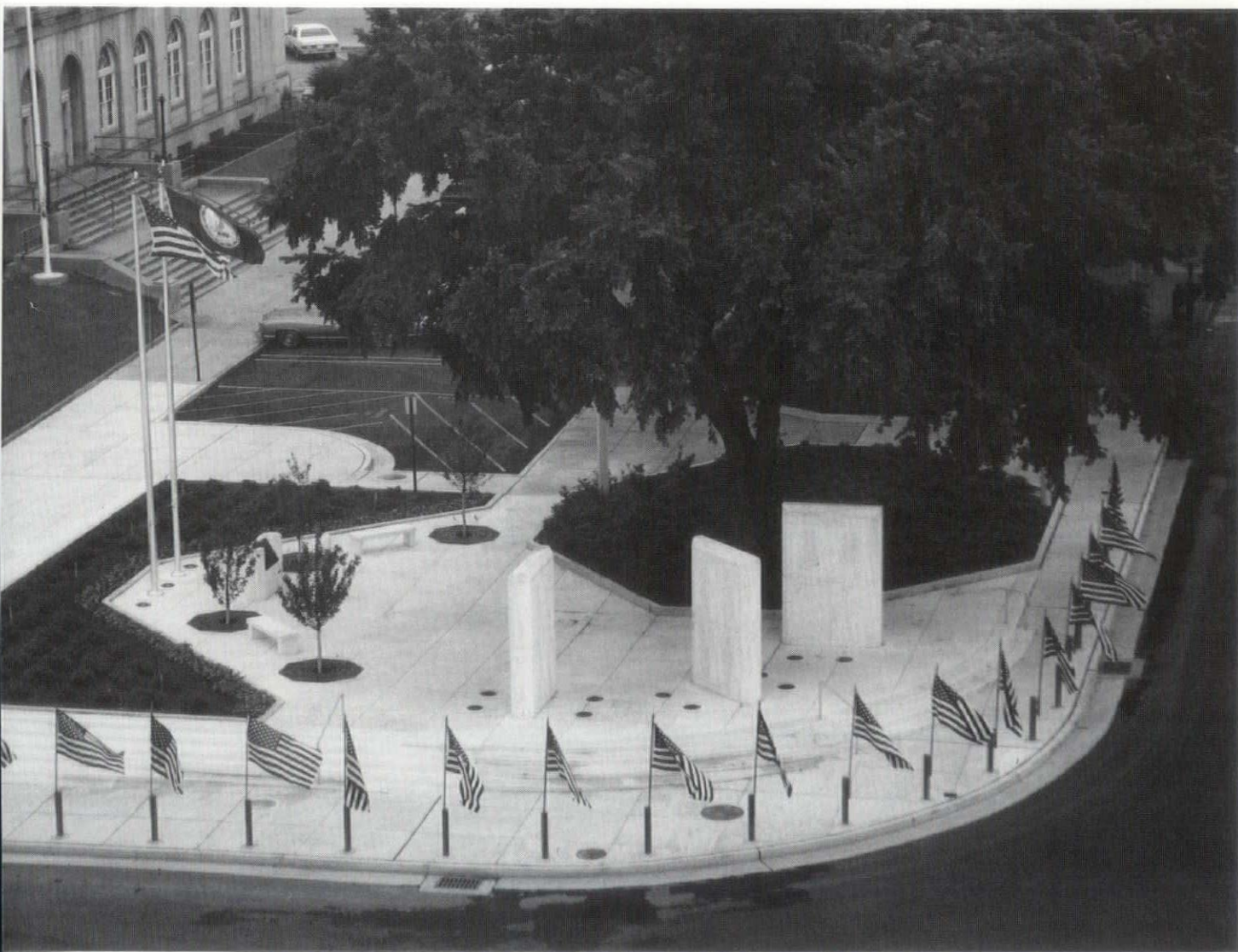
Location: Roanoke

Landscape Architect, Mechanical/Electrical & Structural Engineers, Hayes, Seay, Mattern and Mattern • General Contractor, Breakell, Inc. • Photography, Cramer Graphics.

The objective of this project was to create a monument to honor the war dead of the Roanoke Valley from the four major conflicts of the twentieth century. The site was selected because of its historical relationship to all of the major government buildings in the area, and also because it is the symbolic center of the city. The monument tablets are aligned with the city's

municipal building to create a focal point, directing the visitor to a place of sanctity, almost like an outdoor chapel.

The monument's location puts it in a noisy setting of urban street life. To counterbalance this environment, the memorial was elevated on a podium above street level, which separates the





visitor from the street and creates a dignified stage setting. The three tablets are arranged in a radiating circle under a tree, allowing the visitor to stand in and become a part of the memorial. The radial design also presents all of the names with equal importance.

The memorial consists of a list of names centered on three panels of Vermont white marble. This material was chosen for its color, its beauty, and its quality of timelessness. The purity of the marble backdrop emphasizes the list of names. Extensive use of a single material creates a homogenous sense of place. The mature trees already in the area, with the addition of smaller, more formal ornamental plantings, further define the importance of the place.

Perhaps the real beauty of this memorial is its simplicity—the two most important aspects of the project are a visitor and a name on white marble.

Breakell, Inc. of Roanoke was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS
Laurel Creek Nursery, Blacksburg, landscaping contractor; Marsteller Corp., Roanoke, stonework supplier; and Engleby Electric Co., Inc., Roanoke, electrical contractor.

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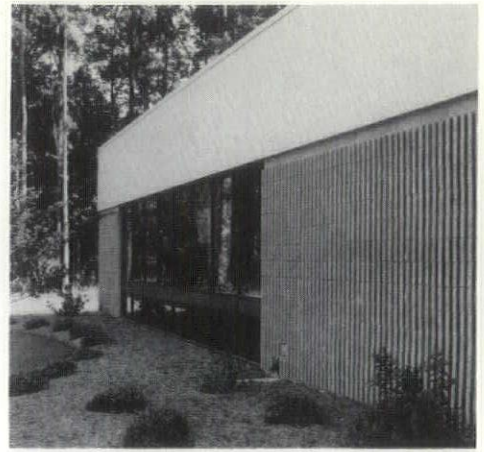
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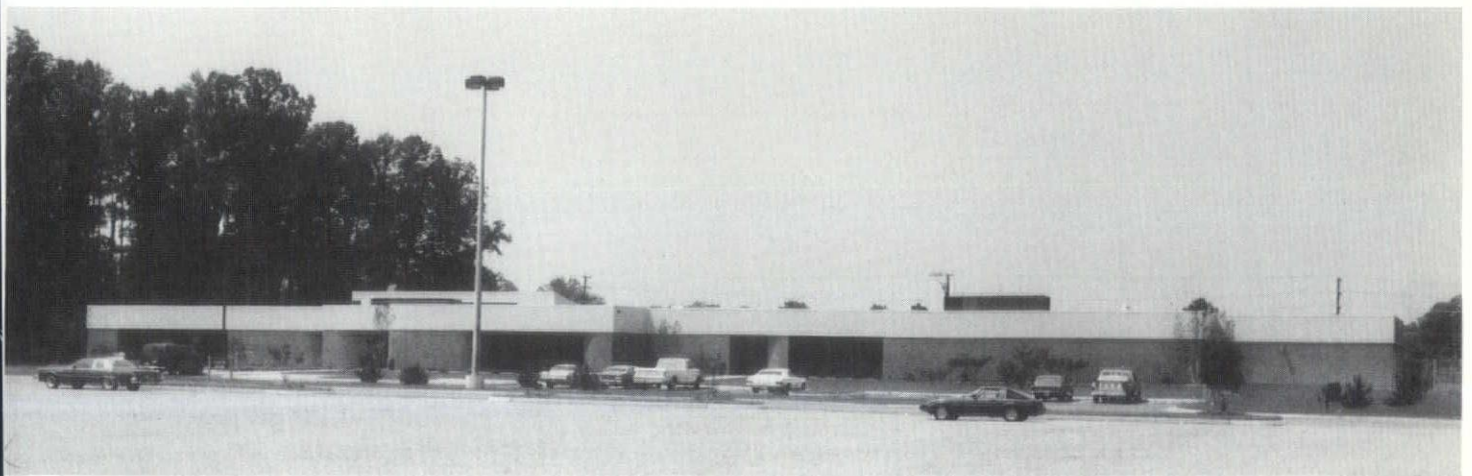
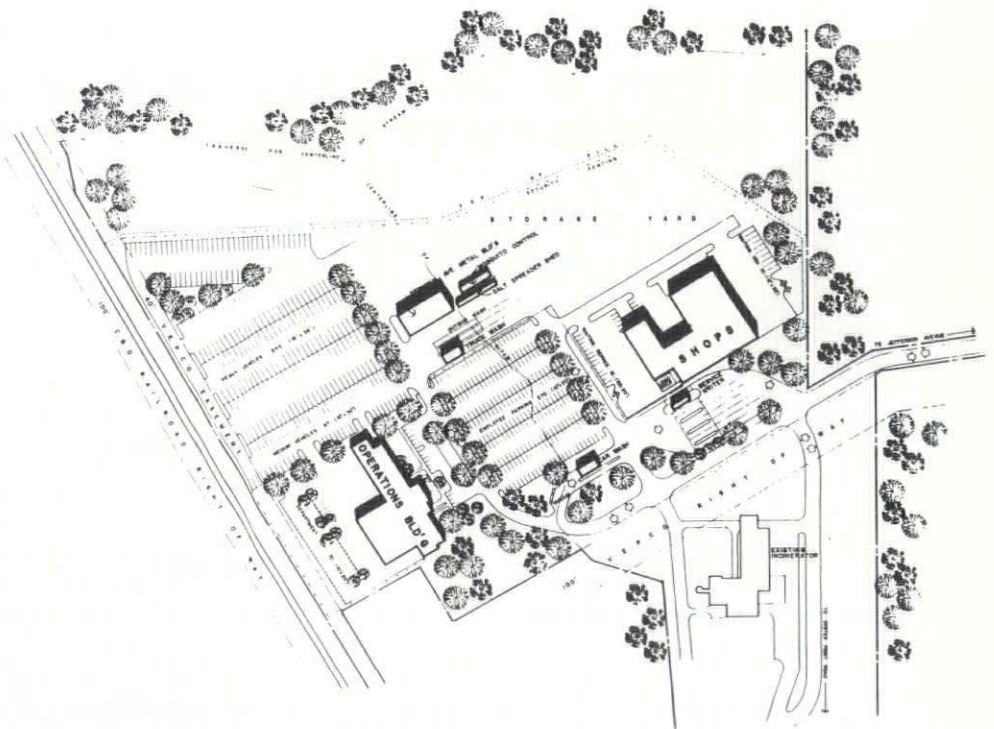
Rancorn, Wildman and Krause — Architects

Department of Public Works, City of Newport News • Location: Newport News

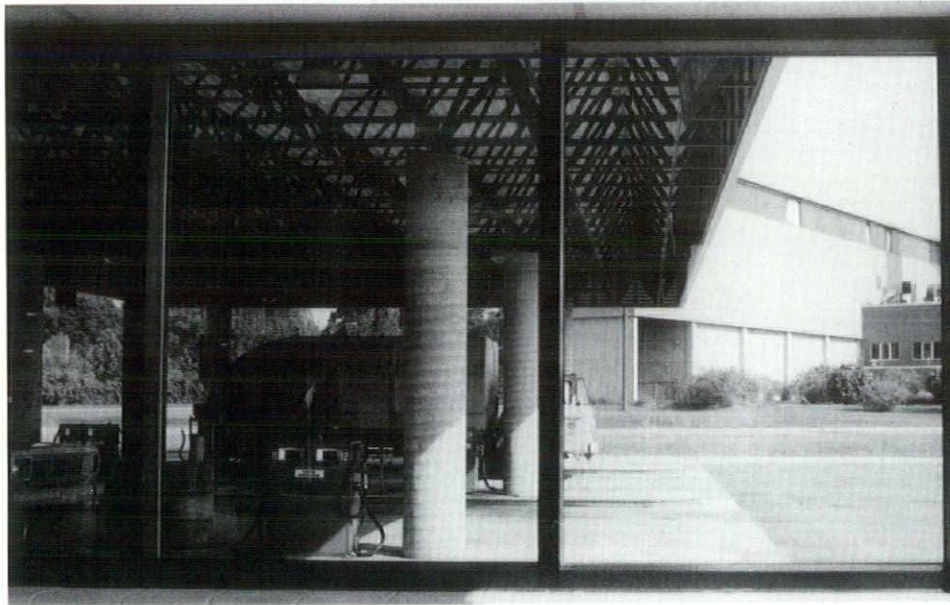
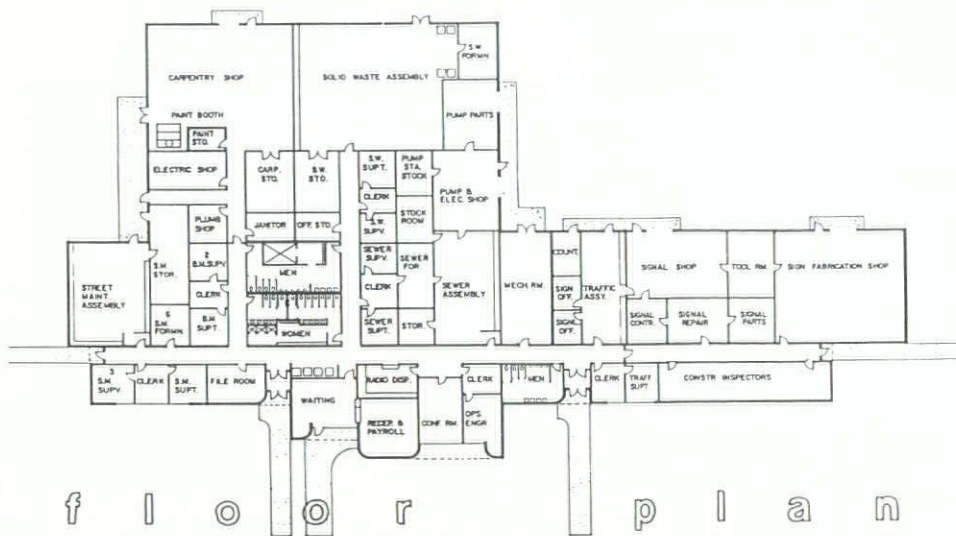
Landscape Architect, H. Eugene Roberts, RWK • Site Engineer/Surveyor, E. E. Paine, Inc. • Structural Engineer, Stroud, Pence & Associates • Mechanical Engineer, Matthew J. Thompson, III • General Contractor, Andrews Large & Whidden, Inc.

Prior to 1983 the Department of Public Works operations were scattered throughout the City of Newport News on five different sites, within its narrow 22 mile long area. It was decided that those functions should be consolidated on a 44-acre site located near the geographic center of the city. Ease of management and operational efficiency were stressed in the design of the resulting \$4.6 million complex, which includes two new primary structures, the "Operations Building" and "Shop" along with supporting functions.

The single-story Operations Building is 30,000 SF in area with masonry bearing walls and a steel framed roof system. It houses the public works



Also, Cullom Sprinkler Contractors, Beaverdam, sprinkler contractor; Newsome Air Conditioning Co., Inc., Hampton, mechanical & plumbing contractor; Swing Electrical Co., Inc., Newport News, electrical contractor; American Coatings Corp., Richmond, spray fireproofing; Greensteel, Inc., Lorton, chalkboard & tackboards; Hercules Fence Div., Aluminum Specialties Co., Inc., Norfolk, fence; Law Engineering Testing Co., Chesapeake, soil tests; Cavanaugh Corp., Richmond, automotive equipment; Binks Manufacturing Co., Philadelphia, PA, paint spray booth; and Car Wash Equipment Co., Inc., Washington, DC, car wash equipment.



Navy Federal Credit Union

The Design Collaborative — Architect

Location: Virginia Beach

Project Architect/Designer, Richard J. Fitts, AIA • Landscape Architect, Thomas J. Steele & Assoc., Inc. • Site Engineer/Surveyor, William C. Overman Assoc. • Mechanical/Electrical Engineer, Farley Engineering, P.C. • General Contractor, L. J. Hoy, Inc. • Photography, Laszlo Aranyi, AIA.

The Navy Federal Credit Union is the nation's largest credit union, boasting assets in excess of one billion dollars and offering services to members in more than 60 locations around the world. In January of 1984, Navy Federal opened its Virginia Beach branch, thus doubling its service to the Navy-oriented Tidewater area.

As a member-owned organization, Navy Federal must reflect practicality and intelligent investment of their building dollars. William F. Reed, Director of Management Engineering contracted with The Design Collaborative for an energy-efficient architectural design. Value conscious and conservative, but not old-fashioned, the owner wanted to project an image of distinction and quality. Reed, who lived in Japan for three years, was desirous of achieving the understated elegance emphasizing line and proportion which the Japanese refer to as "shibui."

The building's lines are clean and contemporary, with a reminiscence of Japanese simplicity. The building form is designed as a collector of sunlight which warms the air and lights the space. By using passive solar energy and natural daylighting, it is calculated to save up to 50% on energy bills, based on experience with similar office buildings.

Because Navy Federal Credit Union operates primarily as a lender, it required several loan offices. Very little cash is handled, and no vault was required. Security is a requirement for any financial building, so the exterior walls are mostly windowless. Large south-facing clerestory windows above the roof provide solar access without compromising building security.

Approached from the north, very little about the building leads one to anticipate the light-filled interior. However, the lobby and most of the offices are flooded with natural daylight from 350 square feet of clerestory windows. The teller area is emphasized by a unique system of indirect daylighting. Vertical light baffles in front of the clerestory windows block the direct south sunlight, breaking it into varying intensities as it reflects off the ceiling and walls. This creates a sea of light in front of the tellers and also improves the visual environment by cutting down on glare.

Where the vertical light baffles are not used, specially designed mini-blinds were provided with slats adjusted to reflect the sunlight upward onto the ceiling and out into the offices and

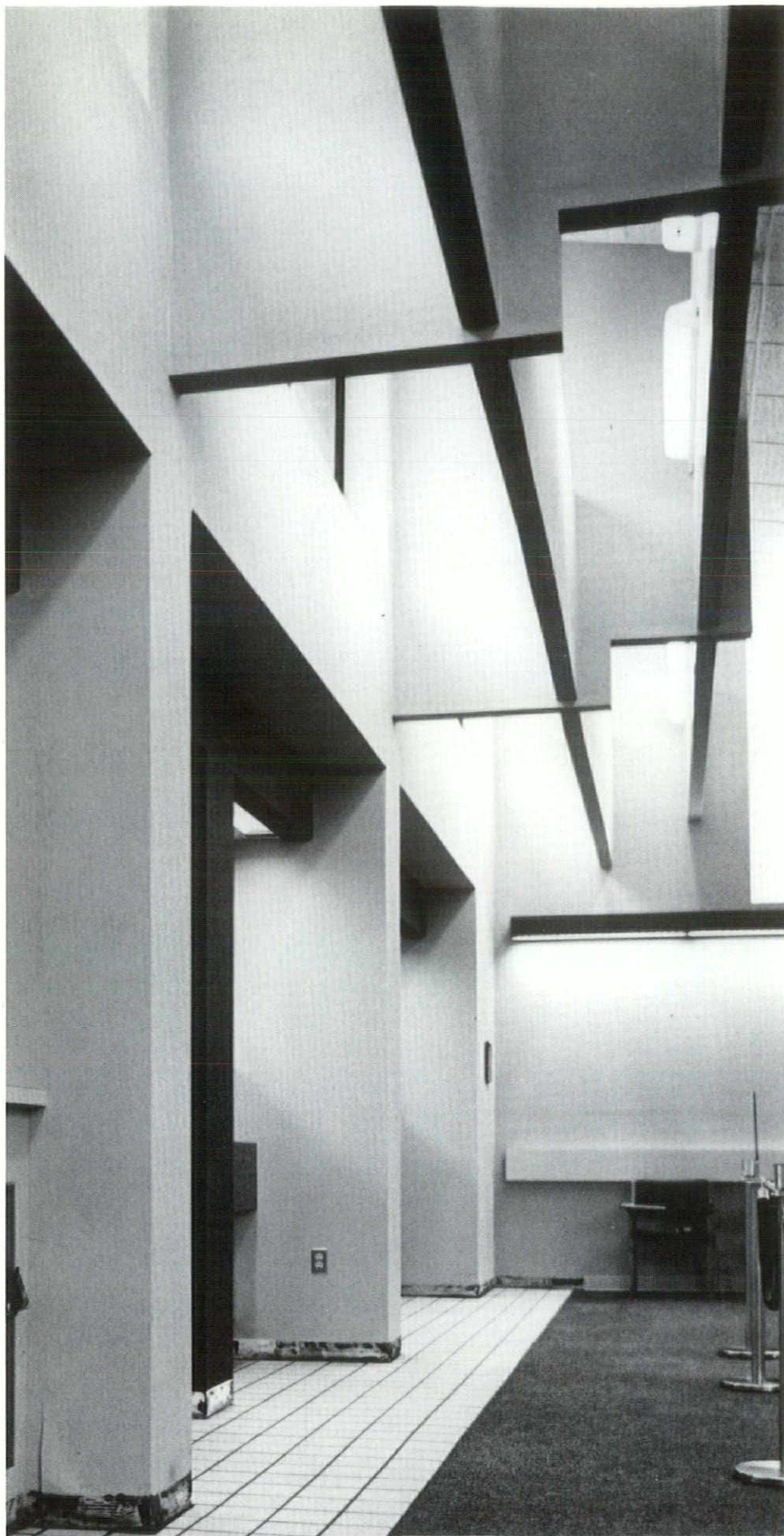
lobby. High Intensity Discharge (HID) indirect lights are used in the main lobby area to light the interiors on cloudy days and evenings. Multiple switches near the manager's office make it convenient to turn off the lights when daylighting is sufficient, thus saving energy costs.

In a passive solar office building, the emphasis is most often on daylighting. "This is different from the way we do things in a house," said project architect Richard J. Fitts. "In an office

space, where you have people doing a variety of critical visual tasks, such as typing, operating CRTs and calculators, the lighting factors are most important, whereas in a home the heating factors are of prime importance."

There are no great heat requirements for this building, due to the presence of many business machines, computers, etc. which give off heat. Human bodies and electric lights also give off





heat, which in combination with some passive solar gain, make the heating load such that very little supplementary heat is required. These factors are called "internal gains" and are taken into consideration whenever passive solar design is used.

Interiors feature both open and private offices, as well as limited-access, secure areas. Materials and finishes were chosen for low maintenance and long wear. Acoustical ceilings, vinyl wall covering, and glue-down carpet are typical interior finishes. Quarry tile floors are provided at high traffic areas such as in front of the tellers.

Automation and the latest high-technology equipment for banking are accommodated here. Extensive telecommunications and security systems were installed under direction of Navy Federal's in-house specialists. Four automated teller machines, three outdoors and one in the lobby, provide 24-hour services to customers and reduce need for employees.

The building systems include conventional spread footings, slab-on-grade floor, structural steel frame, metal stud walls, and three-zone air-to-air heat pump HVAC system.

Prefinished metal roof and wall panels are a dominant feature of the building's exterior. These panels are complemented by a light grey face brick. A band of colonial red metal flashing accents the joint between the brick and the metal panels.

L. J. Hoy, Inc. of Norfolk was general contractor for the project.

SUBCONTRACTORS & SUPPLIERS

From Virginia Beach were: Dozier Enterprises, site work; Forrest Exterminating Service, Inc., termite treatment; Bel-Ty Utilities, utilities; North Landing Nursery, landscaping contractor; Asphalt Roads & Materials Co., Inc., paving contractor; C. F. Lambert Co., steel erection; Tidewater Tile, Inc., ceramic tile; Uschi Designs, carpet; Colonial Painting Co. of Tidewater, Inc., painting contractor; Virginia Beach Mechanical Corp., plumbing contractor; Bregman, Adams & Parnell Lighting, lighting fixtures supplier; and L. B. Whitlock Electric, electrical contractor.

Norfolk firms were: Sadler Materials Corp., concrete supplier; Venable Masonry, masonry; Doyle Brick Co., Inc., face brick; Campostella Builders & Supply Corp., millwork; Chesapeake Door & Hardware Co., hollow metal & hardware & accessories; Walker & Laberge Co., Inc., glass & metal work; Ferrell Linoleum & Tile Co., Inc., resilient tile; Engineering Steel Equipment, fire extinguishers; Howard E. Marquart & Co., toilet partitions & entrance mat; Architectural Graphics, Inc., graphics; E. Caligari & Son, venetian blinds; and Kitchen Towne, kitchen cabinets.

Others were: National Roofing Corp., Suffolk, built-up roof; Perma-Clad of Georgia, metal roof & panels; Interior Systems of Virginia, Inc., Chesapeake, wall insulation & acoustical treatment; and Indoor Air Systems, Inc., Chesapeake, HVAC.



Looking Back

by Ralph Snell, AIA

It's been fifty-four years since Hiroshima. Thirty-six since Kennedy's assassination. Twenty-three since the Bicentennial. George Bush is our only living ex-president. It looks as if President Bumpers will be the first President since Eisenhower to complete two full terms. There's talk of a Turn-of-the-Century Reunion Concert of the two remaining Beatles. "Star Trek VIII: Beaming Up Scotty" is number one at the box office. Gas, for those cars that still use it, is \$2.50 a liter. Afghanistan, Pakistan, Iran and Thailand are still firmly in the Soviet bloc. It's 1999.

I was looking through some 10- to 15-year-old architectural magazines the other day and started musing on the state of architecture today, compared with back then in the 80s.

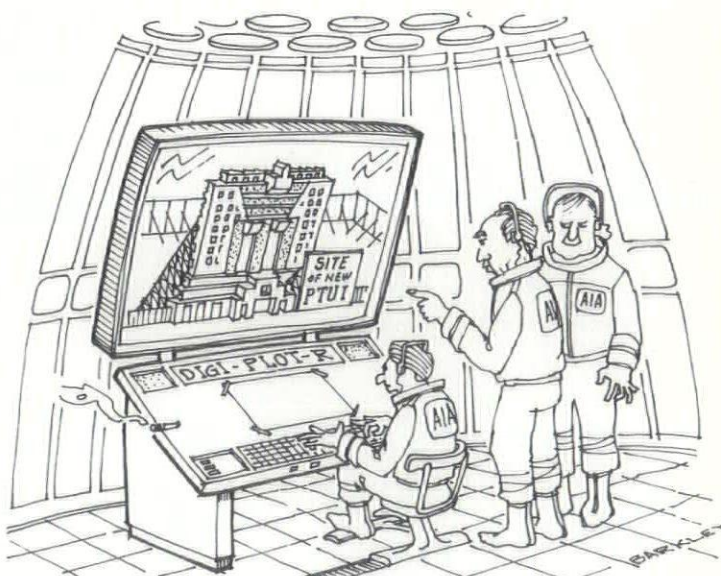
A lot has changed since the 80s. There was none of today's Techism back then. "Post-Modernism" was the style of the day showing up in those magazines. Mauve buildings with oversized decoration and undersized windows, designed to be photographed only on axis. It's funny to look back at them now, but gathering from the number of those buildings in the magazines, it must have been an immensely popular style. Which makes its short life all the more mysterious. My memory fails me.

I was amused, looking at those old magazines, at the "energy-efficient" buildings they featured. Today, R-92 insulation is commonplace. Solar collectors seem as advanced as iceboxes. Ever since solar cells we've stopped using most other forms of energy production. We still don't know what to do with all those closed-down nuclear plants. There's lots of plans to convert them to museums, but people are so skittish these days (since the Meltdown of '88) that it doesn't seem an economic proposition. Someone out in Arizona though has converted one into a luxury seaside condominium (see "Atomic Highrise," *Progressive Architecture*, Volume LXXVII, No. 5, May 1996).

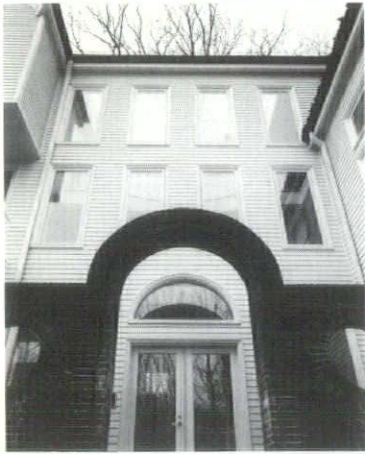
Looking at those old magazines, I was also tickled to see the ads for the old computer aided design and drafting systems (then called CADD). "The Wave of the Future." "Design Unlimited." "Tomorrow's World Today." Well, the glitzy geegaws of the mid-eighties—the vanishing grids, the wire drawing cityscapes, the garishly colored perspectives—are gone, replaced with no-nonsense, realistic, and usable graphics. Today, GraphCom is part of virtually every architectural office. Charming enough, its PhilJohn software package is still churning out computer designs with historicist allusions. But the GraphCom Savlt package was invaluable in the effort to reconstruct Fay Jones' chapel in Arkansas, still widely acknowledged as the finest American building of the 20th Century.

Yes, we're still preserving old buildings. There's currently a campaign to restore Graves' Portland Building. It's slow going though what with the Historical Society insisting that the original colors be restored.

Well, I'd better stop inputting now—I've got to go down to the rec room—I'm redoing it—and I've still got a lot of brick to glue on.



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Residence of Thomas G. Georgelas

Thomas G. Georgelas & Associates, P.C. — Architects

Location: McLean

Associated/Consulting Architect, Thomas G. Georgelas • **Project Architect/Designer,** Carol Keiser • **General Contractor,** John G. Georgelas & Sons, Inc. • **Photography,** Karen Mendenhall Yost.

The client's intention was to create a new larger residence by means of an addition to his existing home, a small rambler. The existing rambler was of little architectural merit but could be used for additional bedroom and family room space. The new addition would provide an entry hall, living room, dining room, kitchen, garage,





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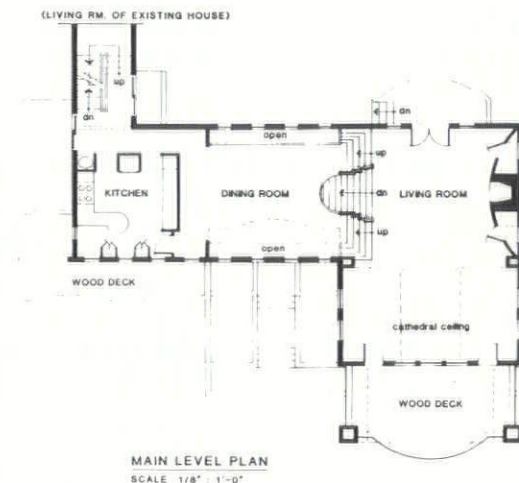
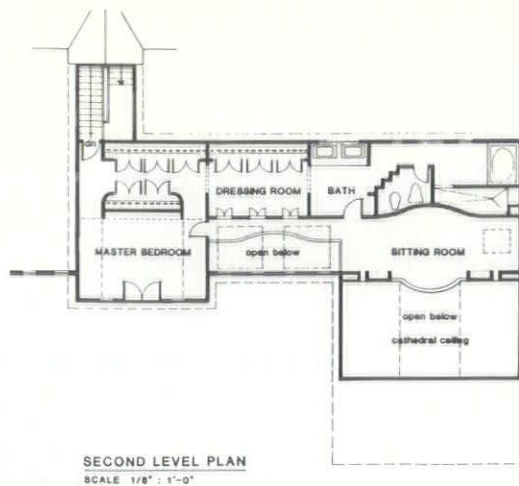
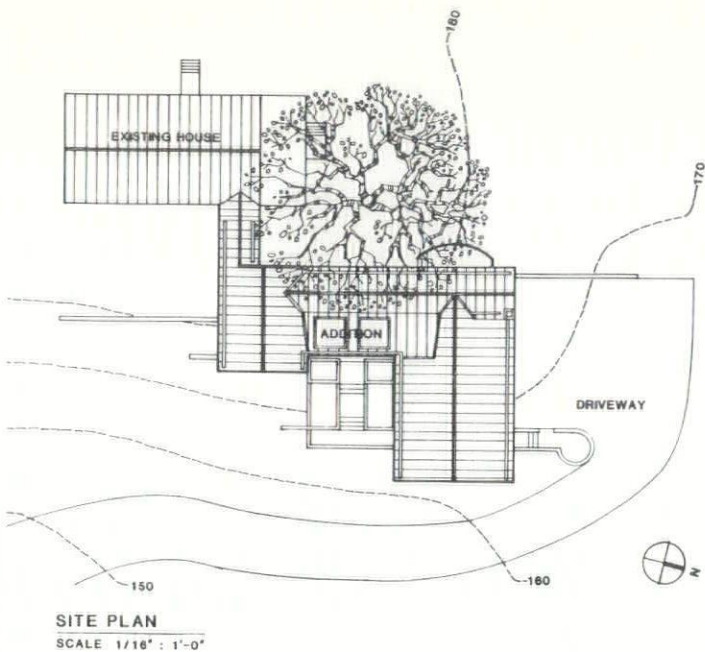
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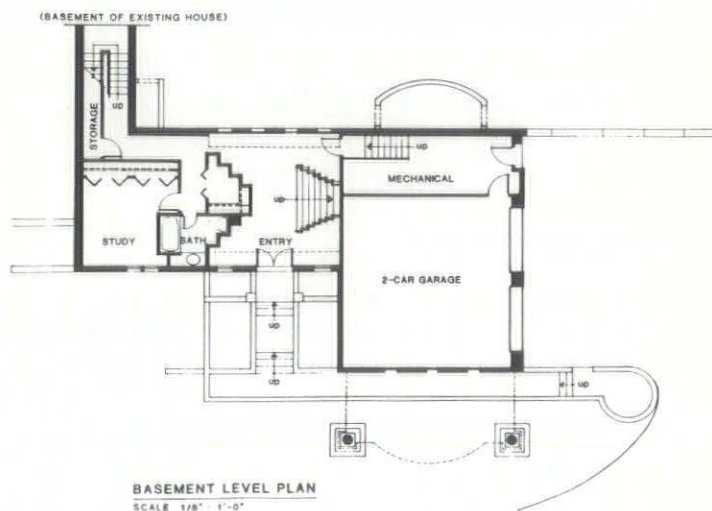
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master bedroom, and guest bedroom. Spaces provided in the addition satisfied the client's need for large open living areas with one functional area interfacing with another.

The site presented conditions that, to a large degree, located the addition. The existing ramblar was located at the north edge of a hilltop with the best views of two creeks at the bottom of the hill. There also existed a deed-protected 200 year old monarch oak tree within 15 feet of the northern corner of the existing house. Therefore, the addition was set into the steep slope just to the north and west of the existing house in order to capture the view of the creek below and allow the view from the existing house and oak tree to remain largely unaffected.

This solution gave the new larger residence a character that could only be achieved with the



addition acting as the visual focus, the existing house functioning as an appendage to the addition and the oak tree providing a pivot point between the two.

John G. Georgelas & Sons, Inc. of McLean was general contractor for the project and handled carpentry.

SUBCONTRACTORS & SUPPLIERS

Hilco, Inc., Fairfax, excavating; Bennett's Nursery, Inc., Vienna, landscaping contractor; Annandale Asphalt & Paving Corp., Alexandria, paving contractor; Edd's Concrete, Falls Church, concrete contractor; Hamilton Iron Works, Inc., Woodbridge, steel supplier; Bethesda Iron Works, Inc., Rockville, MD, miscellaneous metal & handrails; R. D. Bean, Inc., Beltsville, MD, roofing; A C & R Insulation Co., Inc., Beltsville, wall insulation; and Arlington Woodworking & Lumber Co., Inc., McLean, structural wood & wood doors.

Also, Herndon Lumber & Millwork, Inc., Herndon, millwork; Contract Kitchens, Beltsville, MD, cabinets; James A. Cassidy Co., Inc., Fairfax, windows; Weaver & Sons, Inc., Washington, DC, hardware supplier; Edgar K. Jones, Jr., Inc., Arlington, gypsum board contractor; Gerral T. Foster, Front Royal, painting contractor; Duron Paints, Beltsville, MD, paint supplier; Kevin Collins Plumbing, Sterling, plumbing contractor; Jones-Rogers, Inc., Vienna, heating contractor; and E. R. Appleton Electric, Inc., Great Falls, electrical contractor.



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Brookfield Taylor Office Building

William W. McCathern, Jr., Architect

Location: Brookfield Complex, Henrico County

Project Architect/Designer and Landscape Architect, William W. McCathern, Jr. • **Cost Consultant,** Freeman & Roberts Associates • **Site Engineer/Surveyor,** LaPrade Bros. • **Structural Engineer,** Harris, Norman & Giles • **Mechanical/Electrical Engineer,** Spratley, Hundley & Carmack • **General Contractor,** Kjellstrom and Lee, Inc. • **Photography,** William W. McCathern, Jr., Architect.

OWNER'S PROGRAM

The owner's program called for a multi-story, speculative office building, with maximum size to be controlled by the area of the site and a parking ratio of not less than four parking spaces for each 1,000 sq. ft. of rentable floor space. Quality level was to be consistent with existing building within the Brookfield complex, which included the corporate headquarters for a number of Richmond based corporations. The program also stressed a high degree of plan efficiency and careful attention to site planning and landscape development. The architects and engineers also made a high level of energy efficiency, one of their program objectives.

SITE DESCRIPTION

The rectangular, 3.25 acre site is situated within the Brookfield Complex, a 70-acre office/hotel development in western Henrico County, and is bounded on the south by Dickens Road, by internal roads on the east and north. To the east, the site abuts on a site occupied by the Corporate Headquarters Building for the Southern States Cooperative, Inc. The terrain slopes from the northeast corner, down to the southwest corner and was totally clear except for some trees at the site's perimeter. Storm water run-off was regulated by county ordinance and underground storage tanks were employed to absorb back-up during periods of heavy rainfall. The parcel was zoned B-2.

DESIGN SOLUTION

The design solution features a five-story, brick masonry clad, concrete framed structure with a central core and approximately 18,200 sq. ft. per floor (upper floors) with an approximate 40' dimension between the core and the exterior walls, which is considered to be appropriate for the size and type of tenants the owners hoped to attract. Through the elements of scale and brick masonry exterior skin, the building establishes a close relationship with its corporate neighbors. A tightly insulated envelope, reduced window sizes, insulating/reflective glass, and a number of mechanical features, afford a high level of energy efficiency.

The building is cooled by a central air handling unit in the penthouse, and variable volume terminal units. The heating system utilizes warm, ceiling plenum air and both heating and cooling system are controlled by a micro-processor with solar compensation.

The facility is totally protected by a sprinkler system, featuring concealed heads.

COMPLETION

Brookfield Taylor Office Building was substantially complete in the summer of 1982.

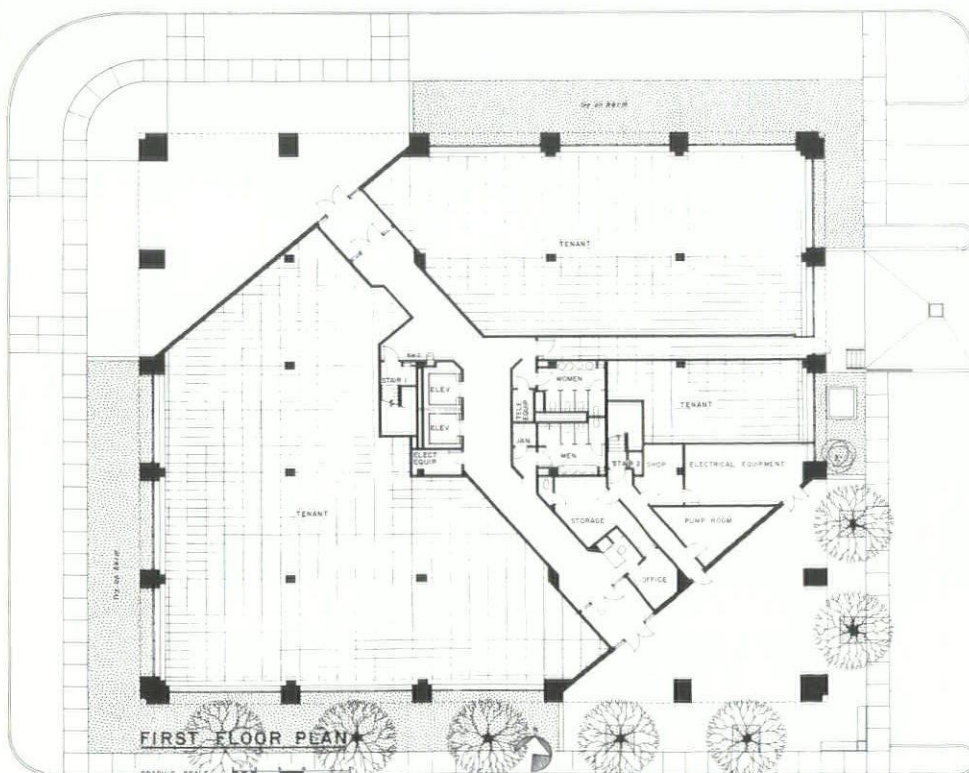
Kjellstrom and Lee, Inc. of Richmond was general contractor and handled carpentry.

SUBCONTRACTORS & SUPPLIERS

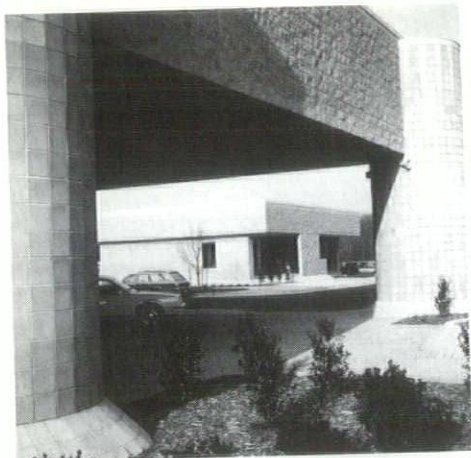
(Richmond firms unless noted)
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Also, Ruffin & Payne, Inc., millwork & wood doors; Richmond Primoid, Inc., waterproofing; E. S. Chappell & Son, Inc., caulking; Solar Seal South, Inc., glass; W. H. Stovall Co., Inc., glazing contractor; J. S. Archer Co., Inc., metal doors & frames; Profile Systems, Inc., St. Louis, MO, windows; Kawneer Co., Inc., Niles, MI, storefront; Pleasants Hardware, hardware supplier; H. E. Satterwhite, Inc., ceramic tile; O'Ferrall, Inc., acoustical treatment & resilient tile; D M A & Associates, Inc., carpet; Glidewell Brothers, Inc., painting contractor & wall covering; M. A. Bruder & Sons, Inc., Broomall, PA, paint manufacturer; and James G. Thayer, specialties/toilet accessories.

And, Otis Elevator Co., elevator; Virginia Pipe & Supply Co., Inc., Ashland, sprinkler contractor; Noland Co., plumbing fixture supplier; Hungerford Mechanical Corp., plumbing/heating/ventilating/air conditioning contractor; Southeastern Electric Supply Corp., Virginia Beach, lighting fixtures supplier; Thomas Harris & Co., Inc., Columbia Lighting, Inc. fixtures; General Electric Co., electrical equipment supplier; Northside Electric Co., electrical contractor; Commonwealth Kinetics Co., Roanoke, floating floor system; and Syscon Sales Corp., Gaithersburg, MD, metal siding.







Suttle Motor Corporation

Rancorn, Wildman and Krause — Architects

Location: Newport News

Landscape Architect, H. Eugene Roberts -
 RWK • Interior Design, Carole G. Wydur -
 RWK • Site Engineer/Surveyor, Rancorn,
 Wildman & Krause • Structural Engineer,
 Stroud, Pence & Associates • Mechanical/
 Electrical Engineer, Avant Engineering Con-
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This new facility, located in a rapidly expanding section of Newport News, reflects the owners' concern for their customer's convenience. Materials were chosen for the 60,000 square foot facility with attention to quiet elegance to showcase their product. Glazing is clear with the 25-foot canopy that surrounds the showroom providing shade and protected outdoor

display of automobiles on the plaza. Marble floors, bronze anodized aluminum undulating ceilings and parabolic lighting enhance the dignity of the showroom and displays.

Brown split-face masonry units, were chosen, and oversize drum columns designed for the exterior, for texture and appropriate scale for the mass of the structure. This integrity of materials was carried around the facade, including the shop area and separate used car facility. A functional arrangement was created by separating the shop area from the showroom and office



space by three enclosed drive-in lanes for service department customers.

The site covers a sprawling nine acres, providing ample space for the display of automobiles. With the attention to quality and image, the landscape design division of RWK chose plant material to augment the massing of the structure.

Andrews Large & Whidden, Inc. was general contractor for the project.

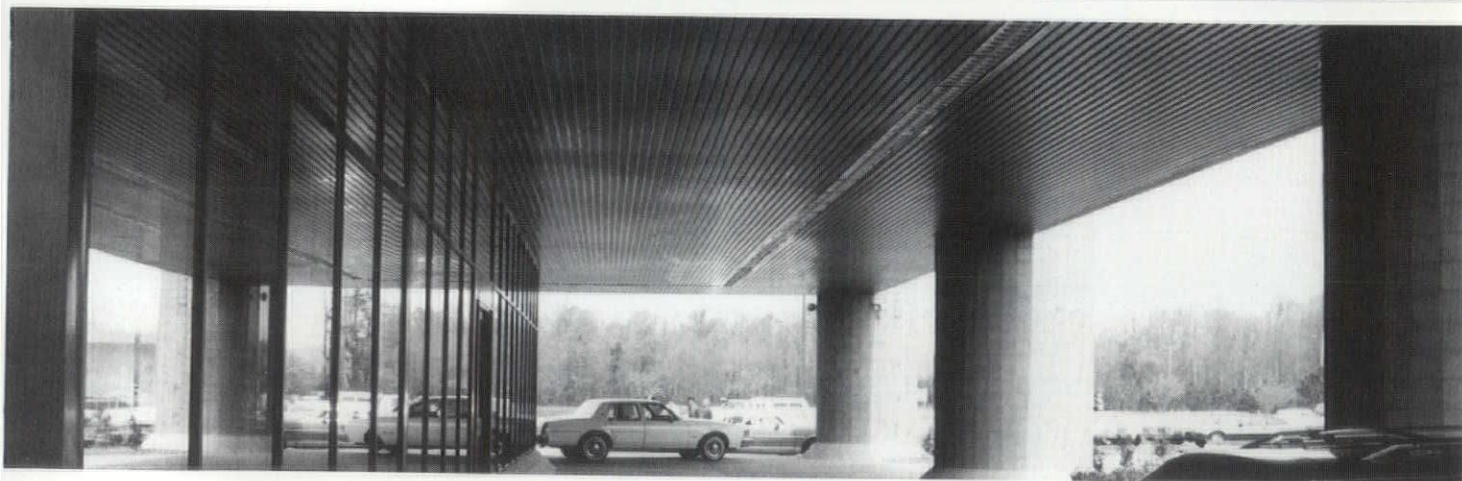
SUBCONTRACTORS & SUPPLIERS

From Newport News were: Dodson Bros. Exterminating Co., Inc., termite treatment; C. A. Barrs Contractor, Inc., landscaping and sitework contractor; Binswanger Glass Co., glazing contractor; Duell Decorating Co., Inc., painting contractor & wall covering; and A. M. Savedge Electric, electrical equipment supplier.

Hampton firms were: Virginia Steel, Inc., steel erection; E. J. Puma & Associates, Inc., ceramic tile; Southeastern Tile & Rug Co., Inc., resilient tile; Rug Shop, carpet; Pompei Tile Co., Inc., special flooring & marble; and Newsome Air Conditioning Co., Inc., mechanical and plumbing contractor.

From Norfolk were: Eastern Roofing Corp., built-up roof & sheet metal; Montgomery Doors, Inc., overhead doors, coiling grilles & fire shutters; and Hercules Fence Div., Aluminum Specialties Co., Inc., metal fence.

Others were: Ken Matthews Nursery, landscaping materials; United of Norfolk, Inc., Grafton, masonry supplier; J. D. Wells, Inc., drywall, plaster, stucco & acoustical treatment; and Williams Sprinkler Co., Inc., Chesapeake, sprinkler contractor.



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*Masonry Contractor for the Suttle Motor Corp. and the
Central Operating Facility, Newport News
featured in this issue.*

One Maryland Corporate Center

Ward/Hall Associates, AIA — Architects

Location: Prince Georges County, Maryland

Project Architect/Designer, John H. Hale • **Landscape Architect, Site Engineer/Surveyor,** Ben Dyer Associates • **Interior Design,** John H. Hale/Michael Stauffer • **Structural Engineer,** Meyer Associates • **Mechanical/Electrical Engineer,** Silver Associates • **Geotechnical Engineer,** Schnabel Engineering Associates • **General Contractor,** Glen Construction Co., Inc. • **Photography,** Robert Rathe.

PROJECT

A 53,000 square foot Office/R&D Building. The first structure within a commercial park development.

PROGRAM

Major Design Goals included:

- A. Strong visual imagery which sets the language of the commercial park.
- B. Interior flexibility utilizing loft space for either office or light industrial.
- C. Strong identification of entry.
- D. Building orientation utilizing passive solar concepts.
- E. Material usage common to the imagery of a R&D building type.

SITE

The site is suburban, bounded by wooded areas to the northwest and northeast. Access to the site is from Greenbelt Road along an access drive.

SOLUTION

The two principal issues addressed were entry identification and sequence and exterior skin description and erosion. The two major skin materials, being precast and glass, work in harmony with each other in establishing the rhythm of the fenestration which reinforces the structural grid of the building. As each building is developed within the total site the same skin material will be used but the ratio of glass to precast (void/solid) will reverse itself so that each building will have its own distinct image while maintaining a wholistic language of the total development. As each building is created the exterior skin language is transformed with the final building having a large volume of glass in comparison to precast whereas the first building is the reverse image. The main entry point is identified through the digression of precast into total glass with the construction of the gridded module.

The horizontal red color band reinforces the entry connection by providing exterior visual

identification along all pedestrian access locations. The entrance is further reinforced by use of a freestanding transition arch and corresponding stepped parapet, perceivable from major access routes. The arch then appears as an inverse volume which reinforces the approach sequence and continues to evolve into a barrel vault, terminating at the elevator. The lobby encompasses the central stair element which punctures the entry access plane creating an interaction of the communal area and denoting vertical circulation. The interaction of the exterior skin system with interior volumes reinforces the circulation progression along with the building imagery and the overall site.

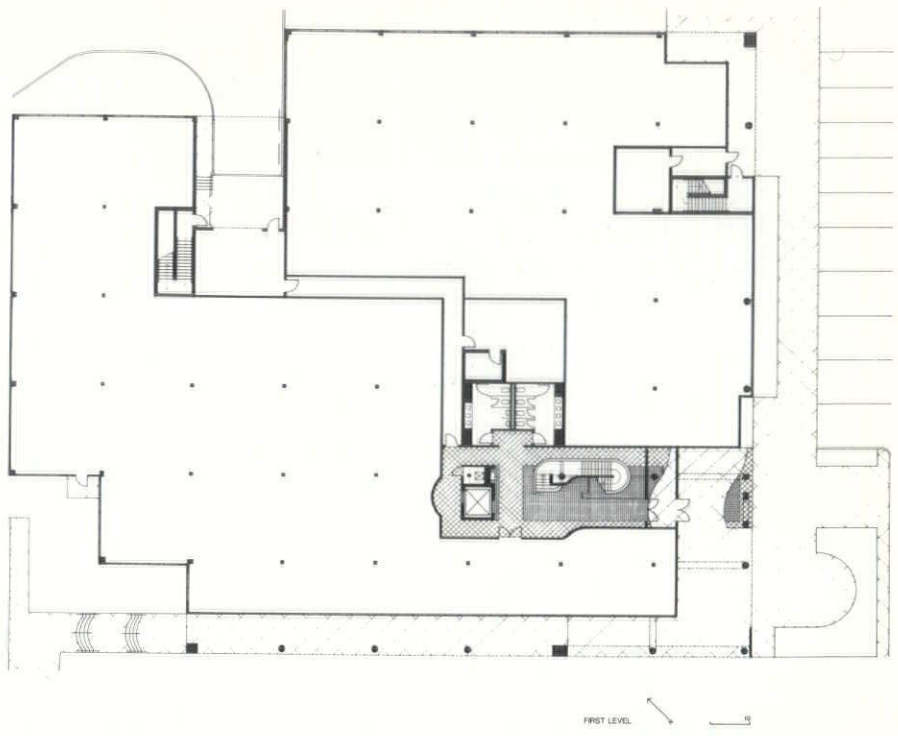
The project was completed October 1983, meeting a budget of 3.0 million.

Glen Construction Co., Inc., of Gaithersburg, Maryland was general contractor and handled foundations, concrete work and carpentry.

SUBCONTRACTORS & SUPPLIERS

Arnold Parraco & Sons, Inc., Hyattsville, MD, excavating; Chapel Valley Landscaping Co., Woodbine, MD, landscaping materials & landscaping contractor; Arundel Asphalt Products, Inc., District Heights, MD, paving contractor; Capital Fire Proof Steel, Bowie, MD, reinforcing;

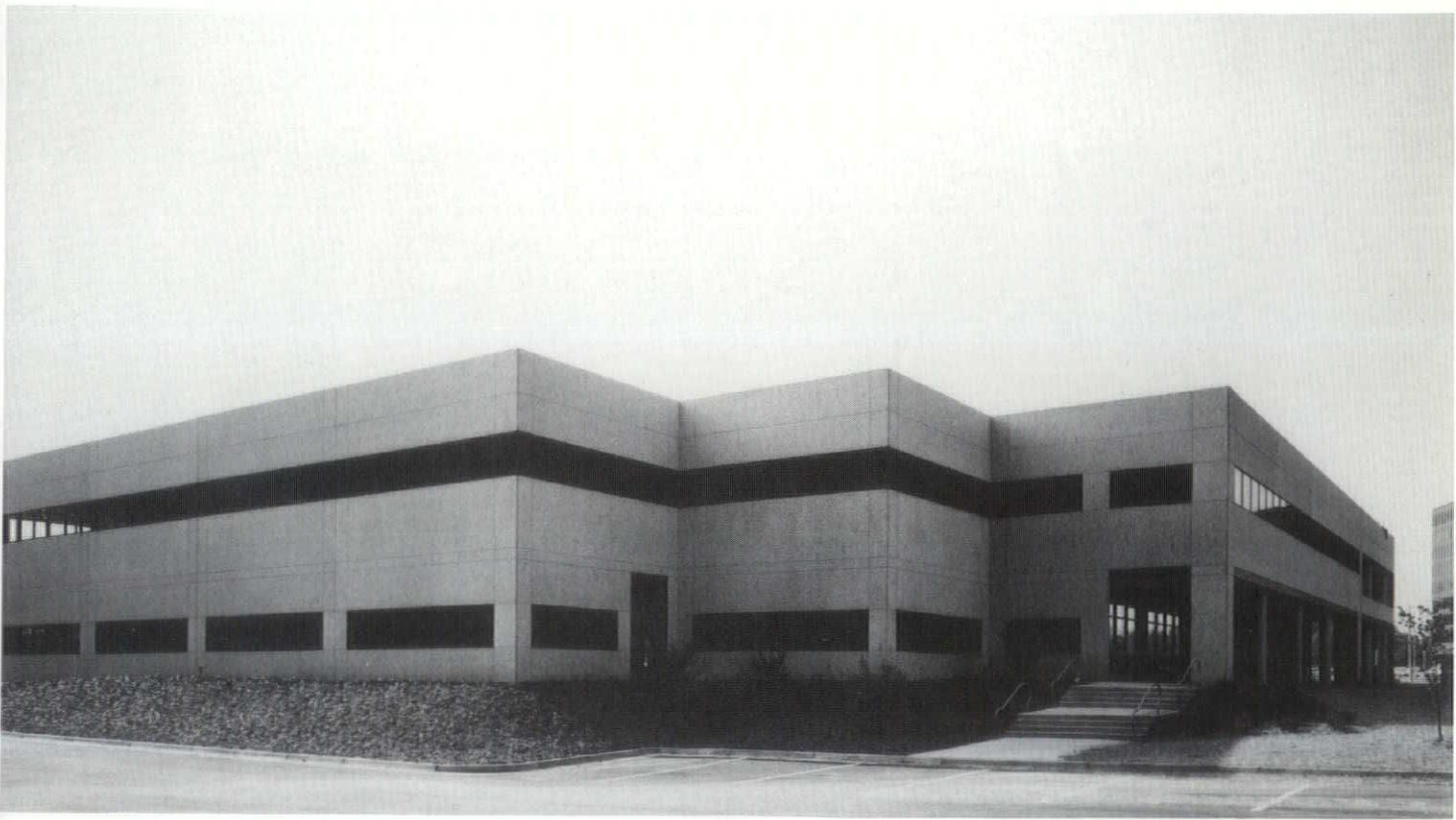




Arban & Carosi, Inc., Woodbridge, prestressed concrete; Pentec Corp., Bethesda, MD, masonry contractor; Piercy & Sutton, Inc., Baltimore, MD, steel supplier/erection/joists/roof deck; Hallmark Iron Works, Inc., Newington, miscellaneous metal & handrails; Virginia Roofing Corp., Alexandria, roofing; P & P Contractors, wall insulation, gypsum board contractor & acoustical treatment.

Also, Arlington Woodworking & Lumber Co., Inc., McLean, millwork; Prospect Enterprises, Inc., McLean, waterproofing; Wilcox Caulking Corp., Lorton, caulking; Plumbing Services Co., Ijamsville, MD, sheet metal; Paramount Products Corp., Alexandria, glass, glazing contractor & storefront; Swingin' Door, Inc., Rockville, MD, metal doors & frames & wood doors; Contract Hardware, Rockville, MD, hardware supplier;

McClary Tile, Inc., Alexandria, ceramic tile; Madison Coating Systems, Mayo, MD, painting contractor (Glidden paint); Mameco "Sanitile," special wall finish; Avery Elevator, Upper Marlboro, MD, elevator; United Sprinkler Co., Inc., Alexandria, sprinkler contractor; Tyler Mechanical, Ijamsville, MD, plumbing/heating contractor; and Electrical Maintenance & Construction Corp., Rockville, Md, lighting fixtures supplier & electrical contractor.



VVKR Headquarters Building

VVKR Incorporated — Architect

Location: Alexandria

Landscape Architect, Mechanical/Electrical/Structural/Civil Engineer, VVKR Incorporated • Geotechnical Engineer, Schnabel Engineering Associates • Interior Design, Design Collaborative • Construction Manager, Construction Management Collaborative • Photography, Harlan Hambricht.

The main entrance to VVKR's Headquarters facility is through a three-story glass store front, dramatically placed between the solid masonry wings of the structure.

The cost-efficient building—completed in 1982—complements the traditions of Old Town while featuring spacious office views, a highly visible circulation pattern, effective security control, and a minimum of unused space.

The building provides 60,000 square feet of office space and 30,000 square feet of enclosed parking space.

This modern building's brick veneer masonry was selected for its sensitivity to surrounding Colonial architecture. Overhangs on the south, east and west facades add an important element of solar control. Wide brick sills offset the windows and serve to highlight the overall design. Extending the brick work into the foyer and interior walls creates added warmth and a more human scale.

Traversing the enclosed, skylit atrium are a pair of open connector bridges. A glass-backed elevator and a cantilevered stairway offer access to the bridges. The floor of the atrium is covered

with the same brick pavers that are used on the exterior plazas and walkways, as a means of bringing additional scale, texture, and visual interest to the pedestrian areas of the project.

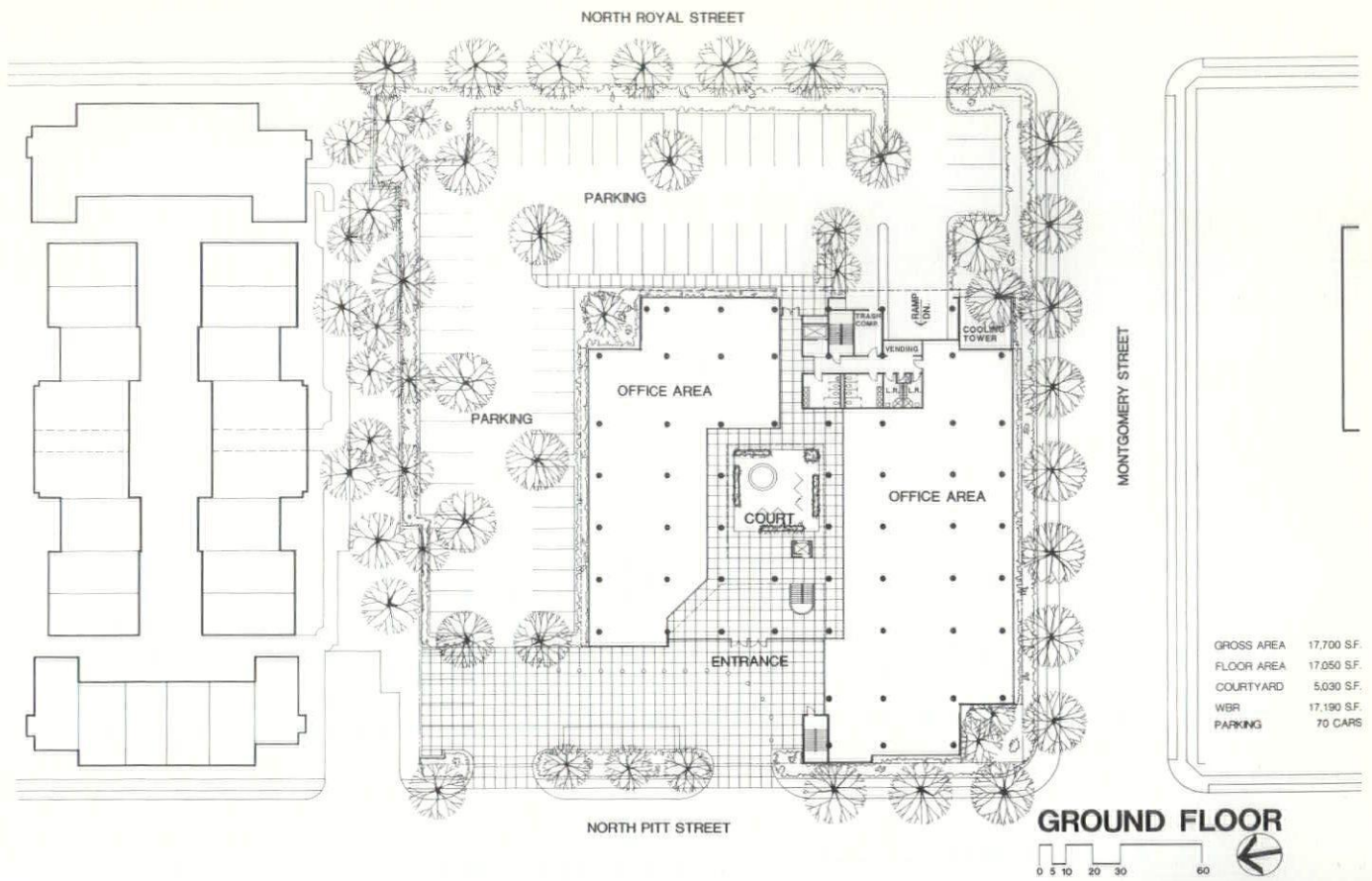
Interior design combines knock-down and open-space acoustical partitions enabling flexibility of layout and a mixture of rentable space. Exposed ceilings provide added visual appeal. Inhouse features include several conference quarters, a computer room, photography studio and darkroom, and a print shop. A spiral-stairway leads to an additional 5,000 SF at one mezzanine level. A second mezzanine houses a library.

Bronze-tinted insulating glass and a closed-loop hydronic heat pump system augment the building's energy storage and heat recapture capabilities.

Construction Manager for the project was Construction Management Collaborative of Alexandria. The firm also handled carpentry.

SUBCONTRACTORS & SUPPLIERS
Alexandria firms were: Virginia Concrete Co., Inc., concrete supplier; United Masonry, Inc. of Virginia, masonry contractor; R. B. Caulking







Co., Inc., caulking; Virginia Roofing Corp., built-up roof, other roofing & roof insulation; Allen Glass Co., Inc., glass, glazing contractor & storefront; Capitol Lighting & Supply, lighting fixtures supplier; and Kenfair Manufacturing Co., window blinds.

Others were: J. G. Miller, Chantilly, site utilities; John Driggs Co., Inc., Capitol Heights, MD, excavating; J & L Landscaping, Inc., Derwood, MD, sodding, seeding, etc., landscaping & landscaping contractor; Baird Concrete Corp., Newington, paving contractor; Western Caissons, Inc., Clinton, MD, foundations; Waddell Construction Co., Inc., Annandale, concrete contractor; Glen-Gery Brick, Manassas, masonry manufacturer/supplier; Southern Iron Works, Inc., Springfield, steel supplier/erection/joists/roof deck; Hallmark Iron Works, Inc., Newington, miscellaneous metal & handrails; Cabinets & Interiors, Laurel, MD, millwork & cabinets; City Wide Waterproofing Corp., Rockville, MD, waterproofing; and Davenport Insulation, Inc., Springfield, wall insulation.

Also, Metal Specialties Co. of Va., metal doors & frames; Swingin' Door, Inc., Rockville, MD, wood doors; James A. Cassidy Co., Inc., Beltsville, MD, windows; J. B. Kendall Co., Washington, DC, hardware supplier; A. W. Garner, Inc., Arlington, plaster contractor, gypsum board contractor & acoustical treatment; GLB Construction Co., Washington, DC, ceramic tile; King-Page, Inc., Norfolk, resilient tile & carpet; Tate Architectural, Columbia, MD, special flooring; Commercial Painting, Inc., Fort Washington, MD, painting contractor & wall covering; Dixon Products Co., Temple Hills, MD, toilet accessories; and D. Joseph Reardon Associates, Inc., Gaithersburg, MD, kitchen equipment.

And, Dover Elevator Co., Memphis, TN, elevators; Dominion Sprinkler Corp., Springfield, sprinkler contractor; Hess Mechanical Corp., Potomac, MD, plumbing contractor; Anderson & Cramer, Inc., Chantilly, heating/ventilating/air conditioning contractor; Electric Service Co., Arlington, electrical contractor; Metropolitan Rolling Door, Inc., College Park, MD, roll-up grille/garage; Espina Stone Co., Merrifield, brick paving; and Global Steel Corp., Deer Park, NY, toilet partitions.

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Calendar of Events

Courtesy of the Virginia Chamber of Commerce

Dates and other information are subject to change without notice. To avoid disappointment or inconvenience, call or write in advance to confirm the information.

SEPTEMBER

- 1-3 **HILLSVILLE.** 17th GUN SHOW & FLEA MARKET. More than 600 dealers with knives, coins, guns, antiques. Admission charge. John Martin, 310 Oak St., Hillsville, VA 24343, 703/728-2035.
- 1-30 **WILLIAMSBURG.** SENIOR TIME. A salute to seniors (55+) with special events, rates. Colonial Williamsburg Foundation, Box C, Williamsburg, VA 23187, 804/229-1000, ext. 2372.
- 8-9 **EMPORIA.** VIRGINIA PEANUT FESTIVAL. Live entertainment, bluegrass, clogging, more. Some admission charges. Emporia-Greenville Chamber of Commerce, 332 S. Main St., Emporia, VA 23847, 804/634-9441.
- 8-9 **GREENWOOD.** GREENWOOD ARTS & CRAFTS FAIR. 125 artists and artisans, entertainment,



- 8-9 **FINCASTLE.** FINCASTLE ARTS & CRAFTS FESTIVAL. Artists in all media, book fair, flea market, antiques, music, food, auctions, more. Eula Rosenberger, Rt. 1, Daleville, VA 24083, 703/992-3564.
- 9-10 **RICHMOND.** INTERNATIONAL FESTIVAL '84. Food from 30 countries, entertainment, cultural events, crafts, more. Admission charge. W. R. Hutchinson, 402 N. Robinson St., Richmond, VA 23220, 804/353-4389.
- 9 **LORTON.** 18th ANNUAL GUNSTON HALL CAR SHOW. 150 antique, classic, special interest and sports cars, jazz concert. Admission charge. Gunston Hall Plantation, Lorton, VA 22079, 703/550-9220.

home-cooked food. Admission charge. Charlotte Bonds-Kemp, P.O. Box 281, Greenwood, VA 22943, 804/823-4123.

- 14-15 **FREDERICKSBURG.** 6th ANNUAL QUILT SHOW. Demonstrations, lectures, show and sale of quilts at 4 historic houses. Admission charge. Mary Washington House, 1200 Charles St., Fredericksburg, VA 22401, 703/373-1569.
- 20-30 **RICHMOND.** STATE FAIR OF VIRGINIA. Live-stock, big-name entertainment, food, midway, more. State Fair of Virginia, P.O. Box 26805, Richmond, VA 23261, 804/329-4437.
- 21-23 **WILLIAMSBURG.** WILLIAMSBURG SCOTTISH FESTIVAL. Traditional dancing, food, sports, crafts, more. Admission charge. Patricia Laland, 681 Powell St., Williamsburg, VA 23185, 804/253-4226.
- 21-30 **LYNCHBURG.** KALEIDOSCOPE FESTIVAL. Sports, tours, children's activities, exhibits, performances, more. Some admission charges. Mrs. M. Van Lewis, 4712 John Scott Dr., Lynchburg, VA 24503, 804/384-5818.
- 22 **WINCHESTER.** OKTOBERFEST. Beer, cider, buffet dinner, music, singing, dancing, more. Admission charge. Preservation of Historic Winchester, 8 E. Cork St., Winchester, VA 22601, 703/667-3577.
- 23 **SALEM.** 14th ANNUAL ART IN THE ALLEY. Works of 8 professional artists who are, or were, Salem residents. Kate Woods, P.O. Box 744, Salem, VA 24153, 703/389-2204.
- 26-30 **VIRGINIA BEACH.** XI ANNUAL VIRGINIA BEACH NEPTUNE FESTIVAL. Sports, sand castle contest, parades, food, live entertainment, more. Some admission charges. Virginia Beach Chamber of Commerce, 4512 Virginia Beach Blvd., Virginia Beach, VA 23462, 804/490-1221.
- 29 **CAPE CHARLES.** CAPE CHARLES DAY. Marathon race, arts, crafts, flea market, clam fritters. Town of Cape Charles, Cape Charles, VA 23310, 804/331-1488.
- 29 **WAYNESBORO.** VIRGINIA MENNONITE RELIEF SALE. Crafts, quilts, dolls, furniture, home-cooked foods, more. Willis Davis, Rt. 2, Box 608, Waynesboro, VA 22980, 703/943-8987.
- 29-30 **OCOQUAN.** 15th ANNUAL CRAFT FESTIVAL. 200 artisans from 14 states show and sell in juried show. Nancy Watt, P.O. Drawer T, Occoquan, VA 22125, 703/491-5984.
- 29-30 **NEW MARKET.** ARTS & CRAFTS SHOW. 50 artisans displaying and demonstrating, food, entertainment. Admission charge. New Market Area Chamber of Commerce, P.O. Box 57, New Market, VA 22844, 703/740-3212.

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FOR THE RECORD

Guest Moves Headquarters

Romeo Guest Associates, general contractors, a subsidiary of Nello L. Teer Company has moved its headquarters from Greensboro to Durham, N.C. Announcement of the new office location is made by S. J. Walker, Jr., president of Guest. The Nello L. Teer Company in turn is a wholly-owned subsidiary of the Koppers Company, Pittsburgh, Pennsylvania.

The 91 year old firm is recognized as one of the Southeast's oldest and best established construction companies. It bears the name of Romeo H. Guest, who is known throughout North Carolina for conceiving the name Research Triangle Park, one of the nation's most prestigious research and development parks.

The Guest Company is one of the leaders in design/build, however it also performs commercial, industrial and institutional projects throughout the Southeast. Some of the diverse construction includes the U.S. Corporate Headquarters for Glaxo, Inc. in Research Triangle Park, Georgia State Bureau of Investigation, Atlanta, Georgia and the Animal Sciences Building at Virginia Polytechnic Institute, Blacksburg, Virginia.

Romeo Guest Associates, a fully qualified contractor, is presently licensed to operate in 18 states.

Ms. Mijares Joins Engineering Firm

Ms. Mary Ann Mijares, a 1984 Old Dominion University civil engineering graduate, has joined the Norfolk consulting engineering firm of Joe D. Glenn and Associates, Inc. as an Engineer-in-Training.

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Contractor Association Bestows 1984 Outstanding Legislator Award

Retiring Congressman J. Kenneth Robinson of Virginia's 7th Congressional District was the recipient of the "Outstanding Virginia Legislator of the Year" Award by the Associated Builders & Contractors Virginia Chapter at their annual Congressional Luncheon held at Bullfeathers Restaurant on Capitol Hill.

Ken Robinson has been the Congressman from the 7th District for the past 14 years. Congressman Robinson has supported the contracting industry on a number of important issues, such as the repeal of the Davis-Bacon Act and the reform of the Hobbs Act, a bill which would make union violence on a construction job site a federal crime. Congressman Stan Parris of the 8th District and Congressman Dan Daniel of the 5th District both expressed regret at losing Congressman Robinson from Virginia's delegation in their special recognition remarks at the luncheon.

The Associated Builders & Contractors is a commercial and industrial construction trade group representing 350 commercial and industrial contracting firms throughout the Commonwealth of Virginia.



Pictured from left to right in the photograph are Robert Gombar, Esq., the 1984 ABC Legislative Chairman who is with the Washington law firm of Venable, Baetjer, Howard & Civiletti, Congressman Ken Robinson, Doug Hottle, President of United Masonry, Inc. of Alexandria, and Chairman of the Legislative Luncheon, and Ralph S. Goldin, Executive Vice President of the John Driggs Co. and President of the Virginia ABC for 1984.

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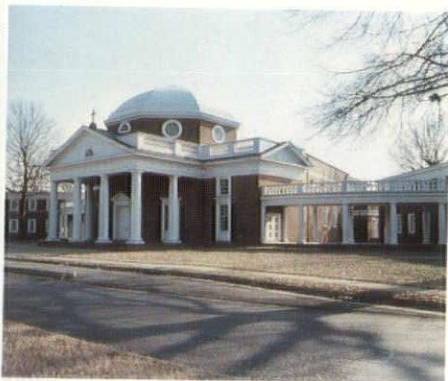
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