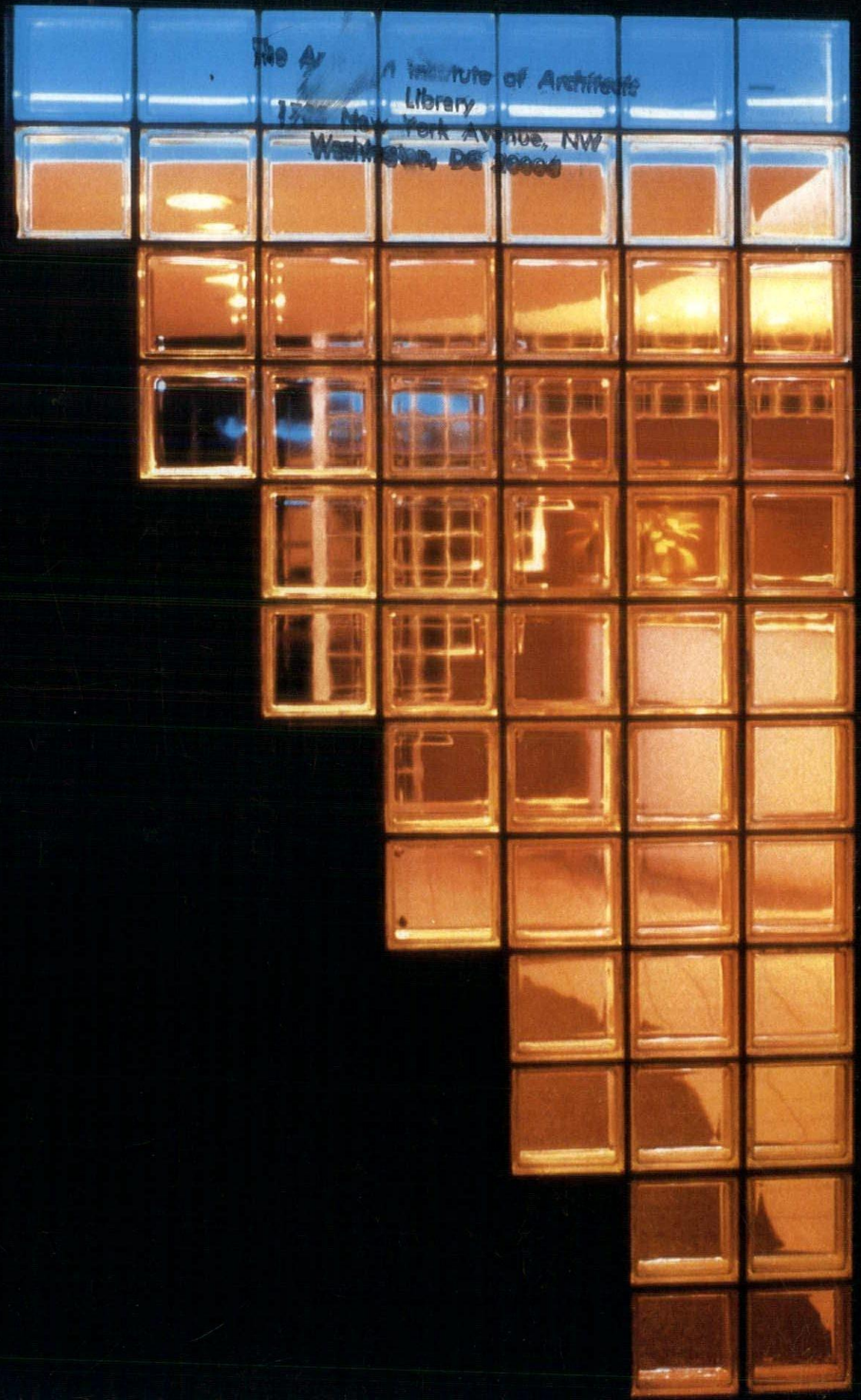


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MAR/APR 1984





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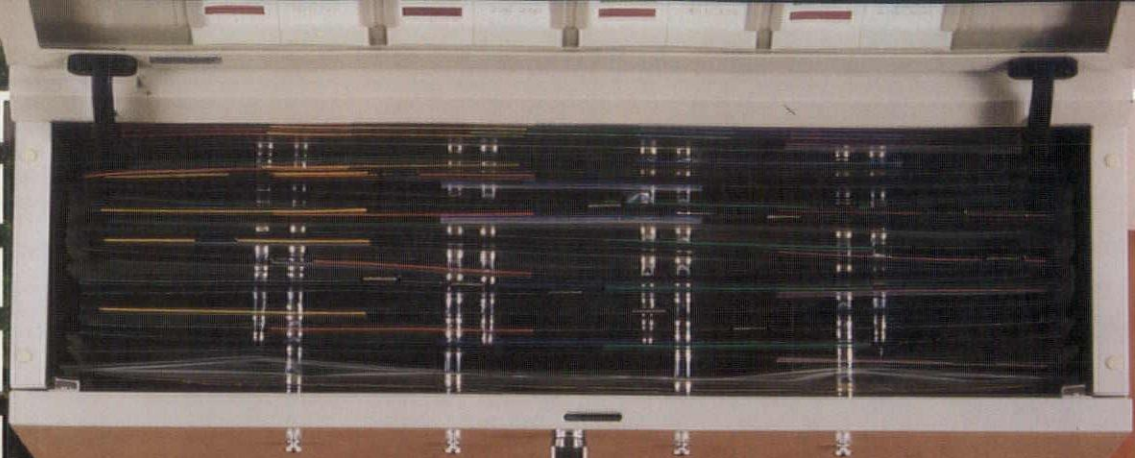
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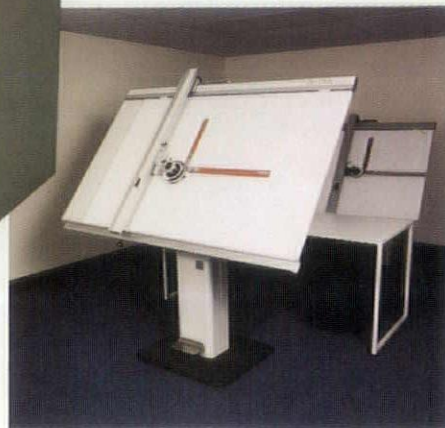
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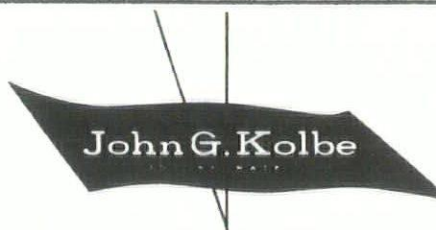
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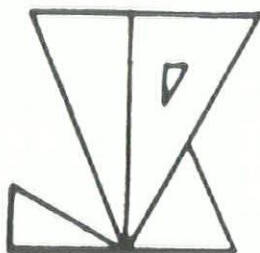
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Volume 106—Number 2

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of the Virginia Society  
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VIRGINIA RECORD  
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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.



# architectonica

## 'A Bunch of Carrots, Please'

There is this man I know who lives in Maryland but who works in Virginia as a real estate broker/promoter. He will push just about anything in Virginia that turns a dollar for him. He has no feeling whatsoever that he is in any way responsible for the quality of life and the visible environment in Virginia. But things that he promotes south of the Potomac River would instantly provoke his opposition were they to be planned close to his own home.

I know another man who lives in Washington D.C. and works in Virginia as a real estate developer. This fellow has an entirely different point of view. He believes that good design is good business, that it makes his projects more salable, and moreover, he enjoys the process of making what he works on attractive. He has pride in the quality of his product. He is responsive to the needs of others besides himself, but he perceives that attitude to be in his own self-interest.

Both these men make money, but one has a governor of civilization on his business practices, while the other is a sort of modern-day Robber-baron, who loots and defiles by day, returning to his castle at night. I can't say that my Robber-baron roasts and eats little children, but he and those who act like him are responsible for much of the commercial blight in Virginia. They are also very much the cause of the vast increase in governmental regulation that all Virginians now have to contend with.

Which leads me to talk about government regulation of the environment.

Presently, most regulations are designed to prevent a host of specific actions which have been identified as violating standards of Public Safety and Health, or which would produce unwarranted expense to the public. Under these prime rubrics are all sorts of secondary regulations which protect the status quo, political territorial rights, established bureaucratic procedures, or economic and social stability. Very little regulation is written in the form of Management goals, by which words I mean to describe something other than the usual "Thou Shalt Nots."

What I would promote are more ordinances and laws which set up quid pro quo arrangements. They would be written to encourage particularly good environmental practices.

- What might you offer Vepco to encourage that company to bury its existing overhead wires in urban areas?
- What might you offer the gas companies to redesign their gas meter equipment and installation?
- What might you offer both utilities for them to change their location regulations so that meters and transformers might be hidden?
- What might you offer a developer to encourage such things as mixed-use occupancies, extensive landscaping, dedication of land or internal space to public use, or even construction of a needed facility which, after its 20-year investment life, would revert to a non-profit entity?

Some of these arrangements exist in some jurisdictions today. Their use should be more widespread, and the results should be more publicized.

The agencies for encouragement of environmental "good works" need not be restricted to government. For instance, the owners of the



*Galleria Vittorio Emmanuelle II, Milan, Italy. A mid-19th Century commercial downtown complex, the result of a city-sponsored competition. The covered areas are not taxed and are maintained by the city. It's been going strong for 125 years.*



Cummins Engine Co. headquartered in Columbus, Indiana have made that 30,000 person community a showcase for good architecture. Through a company Foundation, they offered to pay the design costs of public buildings in Columbus if the town fathers would employ architects chosen for their design reputation; pick one from a list of six supplied by Cummins. The results have been splendid, so much so that many non-public building committees in the

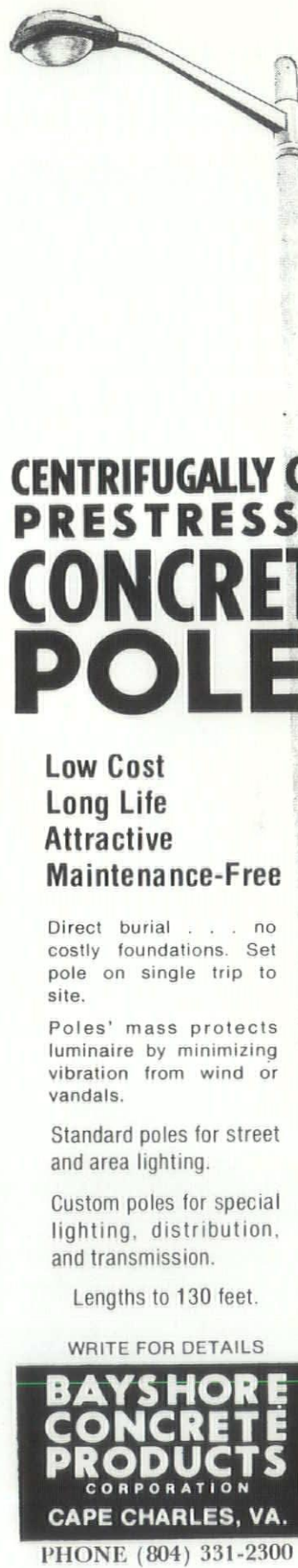
town have chosen to emphasize good design for their own projects. The spirit can be catching!

Even my Maryland Robber-baron might see the light were there enough in it for him!

*Eason Cross, Jr., FAIA*



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# SPECTRA: Hands-On Design and Construction

Did you ever have that nagging feeling that it is possible to experience life more fully? Well, architect Donald R. Chandler did, and last year he decided to respond to that feeling by creating a school. It's called SPECTRA—A Space to Experience Creation Through Architecture.

SPECTRA is located on a 63 acre farm in the foothills of the Blue Ridge Mountains, approximately fifteen minutes from Skyline Drive. The house is beautiful, spacious and capable of housing 15 to 20 students comfortably. To the rear of the house are an apple orchard, several outbuildings and large barns and beyond, a breathtaking view of the mountains. Dogs, cats, chickens and horses inhabit the farm, and driving up the driveway, you may get the feeling of stepping into another world—a world of peace and opportunity.

"In addition to the physical space, what really excites me is the space within ourselves," says Chandler. "SPECTRA is a place where people investigate *both*, as well as bridge a communication gap that I feel exists between student, architect, engineer, builder, supplier and others involved with building." In other words, the students tie the theoretical to the practical—a total learning experience. A "Hands-on" approach is used for this investigation and a project is com-

pleted from conception through design and execution. In this way, individuals have the opportunity to become more aware of themselves and their environment, as well as the total building process.

From the moment of arrival for a SPECTRA course, responsibility, commitment, intention and participation become the focus for "building a project." The choice of the project is up to the students; the design is up to the students; the execution is up to the students. For the layman, it can be learning to draw and use a hammer and saw. For the more experienced, it's getting into the finer details of building. To the potential architectural student or practicing architect, it's an opportunity to work and question basic assumptions about the entire building profession and himself. Regardless of your occupation or ambition, SPECTRA is also fun—as one student said, "SPECTRA's not a place, it's a state of mind."

SPECTRA'S staff reflects its diversity. Carolyn Ebel, Ed.D., Assistant Director, is an educator by profession and a faculty member in Linguistics at Georgetown University; Vic Pickett is a sculptor, professor and chairman of the Art Department of Old Dominion University in Norfolk. As for SPECTRA's founder, Chandler, he once worked as a carpenter with his father in North Carolina. He graduated from N.C. State College School of Design in 1960. For the past 18 years, Chandler has had his own architectural practice in McLean.

In addition to its staff, SPECTRA has a Board of Advisors from which to draw advice (see boxed copy). The board was selected to cover a broad range of resources and activities. Each Advisor is an innovator in his field—architecture, landscape architecture, education, communications, business and art.

The past year has been busy and rewarding. Students have built a sauna, an observation tower, an outdoor ceremonial space, a deck, a natural playground, a gazebo and have landscaped a courtyard. Beginning this year, classes were held every second and fourth weekend of each month. A summer course is now being planned in which the school will construct a significant building—from need to site selection and acquisition, conception, financing, design, material purchasing, contract selection through construction and use. For the future, SPECTRA will reach out into more of the community to become an extension of and tool for building and education.

Not only is SPECTRA a Space to Experience Creation Through Architecture, it is also a space to experience Communication Through Action. "It is my sincere belief that through communication we can all make a difference," says Don Chandler. For more information about the SPECTRA School of Design, in Flint Hill, Virginia, call 703-675-3288.



"HANDS-ON"  
Photo by  
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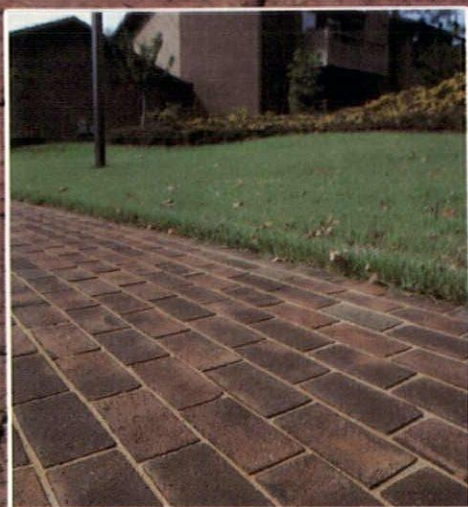
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by Marvin J. Cantor, AIA

## 'Let's Hear it for Commerce'

Commerce, the glue that holds society together, has never been given the prominence it deserves for its relatively low standing as a root cause of wars throughout the ages. Oh, to be sure, it has been the partial cause of some wars because this country had too little of that, and another too much, but these have generally been of limited duration, minor in scope, and in the scheme of history, only little "blips."

Marvin J. Cantor, proprietor of the Fairfax, Virginia architectural office, Marvin J. Cantor, AIA & Associates, is a former president of the Northern Virginia Chapter, AIA. Cantor is currently chairman of the Virginia Society, AIA Public Relations Committee.

Consider religious fanaticism and the "holy" wars waged by the medieval crusaders, the Turks and Ottomans, Hindus and Moslems, Catholics and Protestants, Jews and Moslems, Tamils and Sinhalese in Sri Lanka . . . the list is endless, and the periods of turmoil lengthy.

Or consider Nationalism and its ugly temperament. Napoleon wanting to be Emperor of all—Julius Caesar wanting the same thing at an earlier date—Bismarck and his attempt to Prussianize Europe—and of course, the most recent horrible example of this carried to a monstrous extreme by Hitler.

Or political ideologies—Communism versus Capitalism, Socialism versus Individualism—

North Korea and South Korea—East and West Germany—East and West for that matter!

And individual Messianic complexes expressed by royalty who felt they were chosen by God to rule their country, their neighbors' countries—and by God—the World!

Political ideologies—Nationalism—Messianic complexes—Religious fanaticism . . . commerce can't hold a candle to them in the field of turmoil creation. So let's hear it for commerce and its structures—may their numbers increase and take people's minds off war and strife as they strive to compete with one another in the field of merchandising and trading—with words, pictures, buildings, products—not guns, bullets and bombs!

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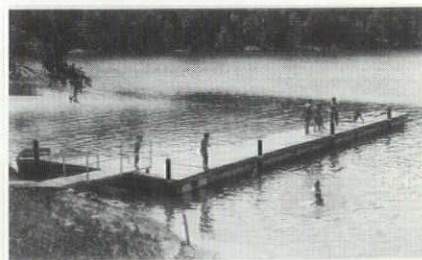
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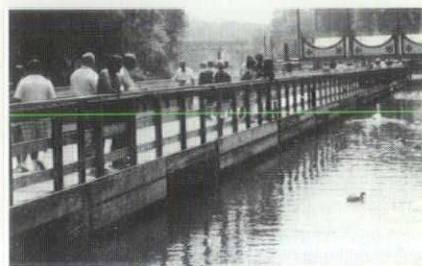
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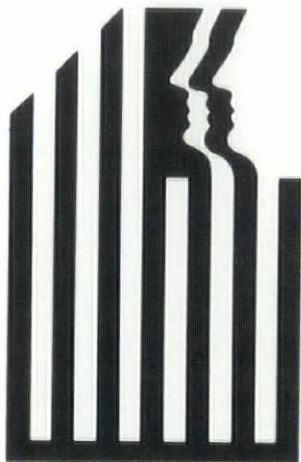


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## President's Message



### AMERICAN ARCHITECTURE & ITS PUBLIC

## AMERICAN ARCHITECTURE AND ITS PUBLIC AIA Theme for 1984

"American Architecture and Its Public" is the theme AIA National President George M. Notter, Jr., FAIA, has chosen for 1984. Through an increased dialogue between the public and architects, Notter hopes to heighten public awareness in architecture, community planning and in the reuse of existing structures.

Getting the public engaged in architecture will be the main thrust of AIA activities this year. "If we can get the public to want better architecture, then the public will demand a greater use of the skills architects are trained to provide," Notter says.

To increase the public appreciation for good design, the national AIA has developed several programs. Foremost, is the proposed public membership category to be established through the AIA Foundation. This nonprofit educational and research branch of AIA would promote the interaction of communities and architects.

The Virginia Society AIA has chosen to support the 1984 theme through special activities undertaken by its operating committees. Planning is now underway by the Public Relations committee to utilize the Society's Design Awards program as a source for the production of a public television show on how "quality" projects are developed.

Re-creating the design of a project from its first embryonic stage, through preliminary sketches and on the completion of construction and occupancy, the program will attempt to unravel the "mystery" behind the development of an architectural project. The viewing public, it is hoped, will become more aware and appreciative of the role the architect plays in society.

The dialogue between the profession and the public has already been carried to our state's elected leaders. The Society, through its Government Affairs Committee, produced a position paper distributed to each member of the Virginia General Assembly at the beginning of this year.

The paper addressed issues on licensing, state and local procurement, building codes, historic preservation and energy.

Public awareness projects will be conducted in such areas as promoting the adoption of a State Energy Policy and in coordinating plans to update and reprint the popular guidebook, *Architecture in Virginia*. In addition, the Society will ally itself with other organizations in an effort to broaden its base and communication with the public.

These and other activities planned throughout the year will bring the public and architects together in a common effort to improve the quality of life we all share. However, there is much more that can be done. As individual architects, we can participate in local activities and organizations to help increase the public awareness and appreciation for good community planning and quality architecture.

Architects possess special training and skills that can be an asset to one's civic organization, city or county planning commission or business development authority. Service as an elected official is also a way to offer one's planning abilities for the benefit of the community. This type of service should be encouraged at every level of community involvement.

To fulfill the objective of this year's theme, every architect must attempt to increase his or her dialogue with the public, whether through service on an AIA committee or by becoming more involved in one's own community. The task of increasing the public awareness, appreciation and demand for architecture of "commodity, firmness and delight" belongs to all of us.

Paul H. Barkley, AIA  
President  
Virginia Society, AIA

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# VIRGINIA SOCIETY AIA NEWS



## AIA NATIONAL CONVENTION May 5-9

The 1984 AIA National Convention will probe what may be architecture's single most important challenge—meeting the needs of the people for whom America's architects design. The site for those explorations? Phoenix, hub of America's burgeoning Sun Belt, where the pressures of population growth and development have put designers and the responsibility we bear for the environment squarely at the center of public attention.

Who makes up architecture's "public" . . . Developers? Clients? Critics? Users? What does that public want of its architects? More to the point, what does it require of architecture beyond the Vitruvian virtues of firmness, commodity, and delight? And is the profession meeting these demands? Has it done so historically? Is it conducting the research to do so tomorrow?

These are fundamental questions. Yet no professionwide colloquium on the scale of the AIA national convention has ever addressed them directly—or at least as directly as we will in Phoenix.

If design excellence is the outcome of a healthy dialogue, the lines of communication between

architects and their many "publics" will be wide open during the 1984 convention. In events ranging from *Cinco de Mayo* festivities and the presentation of 1984 Institute Honors and Awards to AIA plenary sessions—some open for the first time to public participation—those basic questions will be openly addressed and debated.

Paul H. Barkley will head the Virginia Society AIA delegation to the 116th annual convention. For the first time at a national gathering, Virginia delegates will be housed together in one of the convention hotels. Among others attending the convention are: Richard L. Ford, President-Elect; William C. Monroe, Second Vice President; Robert A. Boynton, Secretary; and Curtis R. Jennings, Treasurer.

Two Virginia architects are among 83 AIA members to be advanced to the College of Fellows at the AIA convention. James Scott Rawlings, FAIA, of Richmond and James S. Tuley, FAIA, of Charlottesville will be honored for their notable contributions to the profession of architecture at a Sunday afternoon, May 6, investiture ceremony in Phoenix. A convocation reception and dinner follows on Monday night.

## AIA Names New Chief

Louis Lawrence Marines was appointed executive vice president and chief executive officer of The American Institute of Architects after 18 years of experience in management, the last 12 of which were for design related organizations.

A native of Bergen County, N.J., Marines has been the general manager of Haines Lundberg Waehler (HLW), a 300-person architectural firm based in New York City, since 1978. He has been responsible for firm management, market and financial planning, communications and sales activities, and has been a member of their five-person management committee in setting organizational policies, goals and strategies.

From 1977 to 1978, he was vice president and general manager of William Kessler & Associates, a 25-person architectural firm in Detroit.

From 1972 to 1977, Marines was a principal of the Coxe Group Inc., a Philadelphia consulting firm that deals exclusively with the management and marketing concerns of design organizations. From 1966 to 1972, he was executive assistant to the vice president of the publications division of the Chilton Company and served as managing editor of a monthly construction industry magazine.

While in Philadelphia from 1973 to 1977, Marines was an instructor in management and marketing at Drexel University School of Architecture. He has conducted numerous professional programs, given many lectures and written broadly on architectural management issues.

Marines, 41, is a Phi Beta Kappa graduate of Washington and Jefferson College in Washington, Pa. He also attended the Harvard Graduate School of Business Administration.

Active in a number of professional associations, Marines is a founding director of the Professional Services Management Association. He is a professional associate of the New York Chapter of The American Institute of Architects, and served on the Practice Management Committee of the AIA. He was the New York area chairman of the Society for Marketing Professional Services for two years and received its Outstanding Member award.

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## Two Virginians Among 83 Advanced To College of Fellows

The American Institute of Architects has advanced 83 of its members to the Institute's prestigious College of Fellows for their "notable contributions to the profession." Included on the list are two Virginia Society, AIA members: James Scott Rawlings, FAIA, of Richmond and James S. Tuley, FAIA, of Charlottesville.

Fellowship in the AIA is conferred on members of 10 years' good standing who have made significant contributions to the advancement of the profession in such areas as architectural practice, construction, design, education, government or industry, historic preservation, literature, public service, research, service to the profession or urban design.

Advancement to the College of Fellows is the highest honor the AIA can bestow on any member with the exception of the Gold Medal, which may be presented to an architect from any nation. (Fellows are entitled to use the designation "FAIA" following their names.)

The new Fellows will be invested into the College of Fellows on May 6 at the 1984 AIA National Convention in Phoenix.

They were selected by the 1984 Jury of Fellows, chaired by John D. Anderson, FAIA, Denver. Other jurors were David M. Bowen, FAIA, Indianapolis; Peter Saurton, FAIA, New York City; Norman J. Schlossman, FAIA, Chicago; Pat Y. Spillman, FAIA, Dallas; and Henry N. Silvestri, FAIA, Los Angeles (attending alternate).

Information on the two new Fellows from Virginia follows:

### JAMES SCOTT RAWLINGS

Mr. Rawlings, a native of Richmond, received a Bachelor of Science in Architecture from the University of Virginia in 1947 (following 4 years as a commissioned line officer in the U.S. Navy during World War II) and was awarded the cumulative degree of Master of Fine Arts in Architecture from Princeton University in 1949.

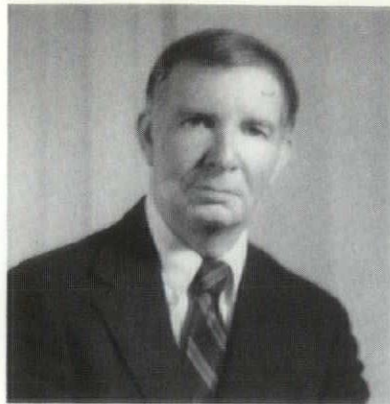
At the University of Virginia, he was a member of Pi Kappa Alpha Fraternity and the honorary Raven Society. At Princeton, he received the Princeton Prize in Architecture for 1948.

He served as an instructor at the University of Virginia in 1947 and was employed by the Richmond architectural firm of Marcellus Wright and Son from 1949 to 1954. He established his own practice in Richmond in 1954 and formed a partnership with John E. Wilson in 1956.

He is a registered architect in the Commonwealth of Virginia (since 1951) and also holds certificate of registration with the National Council of Architectural Registration Boards (NCARB).

Mr. Rawlings has traveled extensively in Great Britain, Western Europe, and the Near East, Russia, Scandinavia, Japan, and the Philippines.

He is the author of three books on colonial and ante-bellum churches of Virginia, Maryland, and North Carolina that include over 500 of his drawings.



James Scott Rawlings, FAIA

He has been chairman of the Commission for Architectural Review, City of Richmond (1965 to 1973); visiting critic at the University of Virginia; vice-president and director, Virginia Chapter, The American Institute of Architects; president of the Virginia Foundation for Architectural Education (Trustee since 1962); and president of the Alumni of the School of Architecture, University of Virginia.

Among the buildings designed by Mr. Rawlings in the Richmond area are: the United Virginia Bank at Allen and Broad Streets; the renovation of the Tower and Broad-Grace Arcade for the Central Fidelity Bank; the Lora Robins dormitory at the University of Richmond; and the restoration of St. Peter's Parish Church, New Kent County, and other colonial Virginia churches.

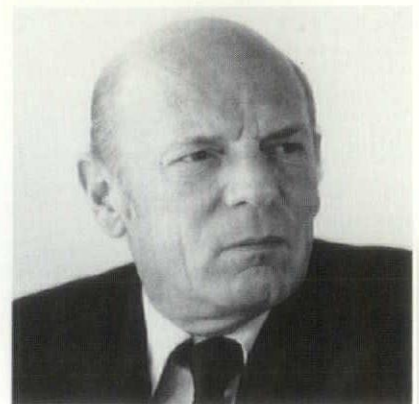
He is president of the Richmond architectural firm of Rawlings & Wilson.

### JAMES SPEED TULEY

Mr. Tuley, born in Philadelphia, Pa., received a Bachelor of Architecture degree from North Carolina State University, Raleigh, NC in 1956. At graduation, he received an award from the North Carolina Chapter, AIA for outstanding student work in Architectural Design, and the American Institute of Architects' Henry Adams Fund Award for excellence in the study of Architecture. He was also the recipient of a Fulbright Fellowship to India in 1956.

During Mr. Tuley's 27 year career he has worked for R. Buckminster Fuller, served as a design and planning consultant in India and Nepal, and has been a Partner and Associate in firms in San Francisco and Berkeley California. He is licensed to practice architecture in the states of Illinois, California and Virginia and presently conducts his own practice in Charlottesville. In addition, he is a Professor in the School of Architecture, University of Virginia, Charlottesville. He has traveled extensively in Southeast Asia and Europe and has lectured in India, Nepal, Scotland and Italy.

For more than 20 years, he has taught a wide range of design courses while maintaining an active practice. In order to show students the necessary interrelationship between design and construction practices, he developed a course entitled *Design Construction Drawings*, which complements the design studio and gives students an insight into critical areas of detailing.



James S. Tuley, FAIA

Mr. Tuley was one of the three founders of the Charlottesville/Albemarle Section of the James River Chapter, Virginia Society, AIA. He has contributed to many community, city (Charlottesville, Roanoke, Winchester), University and Institute workshops, study groups, and panels, in addition to his lectures here and abroad.

Included in work he has performed as an independent architect are: Interior Designs for the School of Law, UVA and UVA Hospital; Courts feasibility studies for the City of Roanoke; execution of the reconstruction drawings of the 18th Century Public Hospital for Colonial Williamsburg Foundation; Spears Mountain Baptist Church in Appomattox; and a number of private residences. His designs have been published frequently, the most recent being a barrier-free residence, in the October 1983 issue of the *AIA Journal*.

Mr. Tuley feels that in the integration of teaching with design, his architectural practice is kept fresh by an attitude of academic inquiry.

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## PERSONNEL AND OFFICE CHANGES

### New Firm Established

Jo Anne Murray, AIA and William Reehl III have established Murray and Reehl Architects. Ms. Murray, formerly of VVKR Architects, served as Project Architect for the Award winning "Academic Center" at George Washington University, among many other governmental and institutional projects. Mr. Reehl, formerly an Associate with HOK Architects, was Project Architect for the USA Today Building in Roslyn, as well as many other commercial projects.

The firm is located on Commerce Street in Alexandria, and will be serving the regional area.

### New Offices for The Design Collaborative

The Design Collaborative, an architectural firm in Virginia Beach, announces that they have moved from their old location on Rosemont Road into new offices at 2940 North Lynnhaven Road.

Laszlo Aranyi, AIA was project architect for the new building, known as the Lynnhaven North Professional Building. It is two-stories, of contemporary passive solar design. Vepco is monitoring the building for energy efficiency.

### Design Firm Names New Associate

Martin M. Miller, AIA, has been named an Associate in the Reston-based firm of Kamstra, Dickerson & Associates, which offers architecture, planning and interior design services out of its offices on Lake Anne. Since joining KDA as an architect in 1982, Miller has served as project manager and designer for several multi-million dollar projects, including the Air National Guard Support Center at Andrews Air Force Base and the Salvation Army Rehabilitation Center in Annandale, Virginia. Miller is also currently managing three library projects in the Virginia and Maryland suburbs of D.C.

Prior to joining KDA, Miller worked for seven years at the Smithsonian Institution as an architect and planner in its Office of Design and Construction. There, as Assistant Chief Planner, he served for four years as project manager of the facade and roof renovation of the Arts and Industries Building.

He gained his initial experience with libraries planning the renovation of the Main Library at the Smithsonian's Museum of Natural History and working on a design for the Library of the Smithsonian's Tropical Research Institute in Panama.

Miller graduated from Virginia Polytechnic Institute and State University in 1970. He worked as an apprentice architect at area firms, including KDA, from 1969 to 1974, before joining the Smithsonian.

Miller is active in the Virginia Society of the American Institute of Architects, and serves on its Design Awards Committee. He lives with his wife, Janis, in Reston, and was recently on the Board of Directors of the Deepwood Homeowners Association.



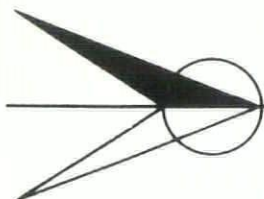
Charles R. Holcomb, Jr.

### SFCS Promotes C. R. Holcomb, Jr.

Charles R. Holcomb, Jr., a licensed professional engineer, has been promoted to Senior Associate at Sherertz, Franklin, Crawford, Shaffner, a Roanoke architectural, engineering and planning firm. His responsibilities will include coordination of all engineering activities within the firm.

Holcomb, a Roanoke native, holds both undergraduate and graduate degrees in civil engineering from the University of Virginia. He is president of the Roanoke branch of the American Society of Civil Engineers.

Holcomb joined Sherertz, Franklin, Crawford, Shaffner in 1976. The firm is located on Kirk Avenue downtown and has an interior design subsidiary, SFS interiors. Sherertz, Franklin, Crawford, Shaffner began as Eubank and Caldwell in 1920.



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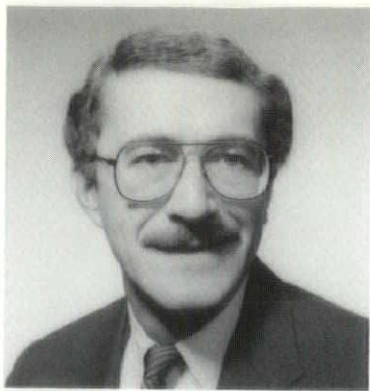


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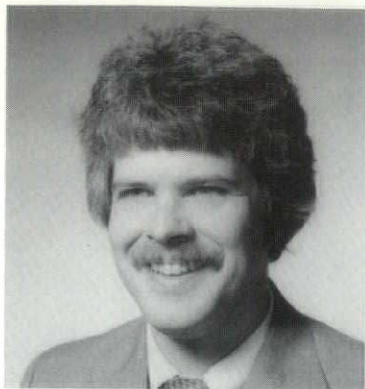


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Michael E. Bennett, AIA



William N. Bissell



Karen E. Brown

## Washington Associates Continues Expansion

Washington Associates has announced that Michael E. Bennett, AIA, has been added to the staff as project architect. Also added to the architectural staff were: William N. Bissell, Karen E. Brown, and Joseph H. Trost.

Mr. Bennett served as an architect with Williams and Tazewell & Associates, Norfolk, from 1978-1983. He has worked as an architect with Dodge and Beckwith in Raleigh, N.C., and with the Wake County Medical Center, also in Raleigh. He is a registered architect in Virginia and North Carolina and received his Bachelor of Architecture degree from North Carolina State University in 1971.

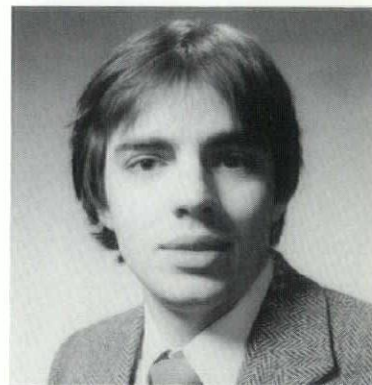
Mr. Bissell previously was project manager with Shriver & Holland Associates, Norfolk. He has also served as an architectural draftsman for Oliver, Smith & Cooke, Ltd., Virginia Beach from 1977-1980. Bissell studied Civil Engineering at

Old Dominion University, Architecture at Northern Virginia Community College in Annandale, and Mechanical Engineering at Virginia Polytechnic Institute and State University, Blacksburg.

Ms. Brown is a 1983 honor graduate of the University of Southern Mississippi with a Bachelor of Science degree in Architectural Engineering Technology. She was previously employed by Simmons and Walker Consulting Engineers, Hattiesburg, Mississippi.

Mr. Trost was previously with William E. McClurg & Associates, Virginia Beach, and holds a Bachelor of Architecture degree from Virginia Polytechnic Institute and State University.

Washington Associates is a Norfolk architectural firm.



Joseph H. Trost

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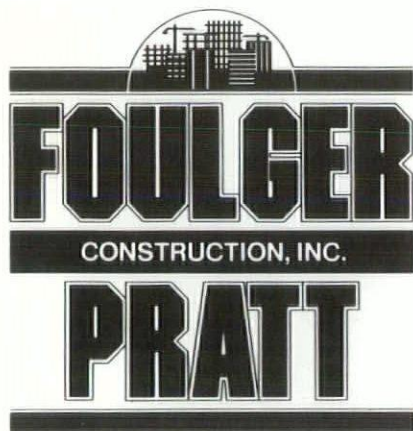


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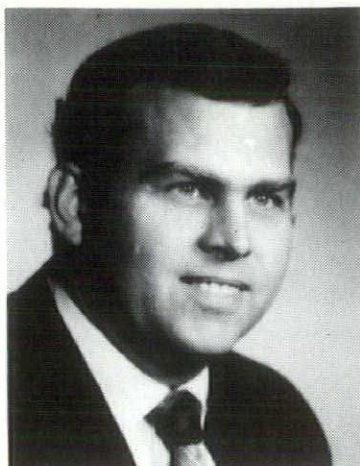
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Barry G. Hall, AIA

### Barry G. Hall Named Assistant VP

Barry G. Hall, AIA, a registered architect for Smithy & Boynton, Architects, Engineers, Planners, has recently been promoted to Assistant Vice President for Production.

Mr. Hall was made an Associate of the firm in 1980, and has practiced architecture for 17 years. He is a member of the American Institute of Architects and is a resident of Franklin County.

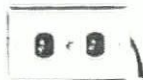
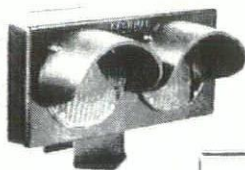


Jeffrey R. Wood, AIA

### J. R. Wood Named Associate of Firm

DePasquale & Associates, a Richmond architectural firm, has appointed Jeffrey R. Wood, AIA, as an Associate of the firm.

Mr. Wood joined DePasquale & Associates in 1978 and has most recently served as a Project Manager in charge of design commissions for Municipalities and the Commonwealth of Virginia. Mr. Wood is a 1977 graduate of the University of Virginia School of Architecture, and he is also a member of the American Institute of Architects. He is currently licensed as an architect in both the Commonwealth of Virginia and the District of Columbia.



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## CONSTRUCTION NEWS

### Construction Begins on Atrium Condominium in Rosslyn

Construction is underway on The Atrium, a 14-story, 325-unit luxury condominium residence in northern Virginia overlooking the Key Bridge. Knightsbridge Development Company of McLean is developer for the glass-and-concrete structure which will rise at the upper western edge of Rosslyn between 18th St. and North Key Blvd.

Designed by Thomas G. Georgelas & Associates of McLean, The Atrium was influenced by a contemporary European approach to apartment buildings, including the extensive use of balconies and a large amount of glass. A 14-story glass elevator tower will rise on the exterior and balconies will have glass panels in order to enhance the unobstructed views of Georgetown and the Potomac River to the north and the Washington, D.C. monuments to the east. Thirty-four models are available including one- and two-bedroom flats, duplex residences and two-, three- and four-bedroom penthouses.

Construction for The Atrium is by McMerit Construction Company of Houston, with occupancy scheduled for the summer of 1985.



### C.H.K.D. Surgical Units on Schedule

The steel frame has recently been completed on the Children's Hospital of the King's Daughters' new operating room addition, according to James R. Washington, president, Washington Associates. Despite December being the wettest on record, the project is proceeding on schedule. The same day the frame was completed the outer shell was being secured.

Completion dated for the 15,000 square feet of new construction and 9,000 square feet of alteration is slated for November 1984.

The pediatric surgical unit was designed and is being developed by both Washington Associates, a Norfolk-based architectural firm and LBC&W, an architectural, engineering and planning firm from Falls Church.

The \$2.5 million suite will include four operating rooms, with expansion capabilities for two more, and support facilities. It will be the region's first pediatric-surgery facility.

Paul Finch, AIA, is the project architect for Washington Associates.



## CHAPTER NEWS

### New Northern Va. Chapter Associates Representative

James M. Duda, who is with HTB, Inc. Architects/Engineers/Planners, has been named Associates Representative to the Northern Virginia Chapter of the American Institute of Architects.

As Associates Representative, Duda is responsible for organizing the professional design exam seminars and the annual chapter tour of architects' offices in the Northern Virginia/Washington, D.C. area.

### Correction

The photograph of a model for a proposed office building was inadvertently included in coverage of Rockville City Hall in the November/December 1983 issue.

The model at the bottom of page 43 was of the proposed Stonepath Office Building, also designed by Ward/Hall Associates, AIA.

Our apologies.

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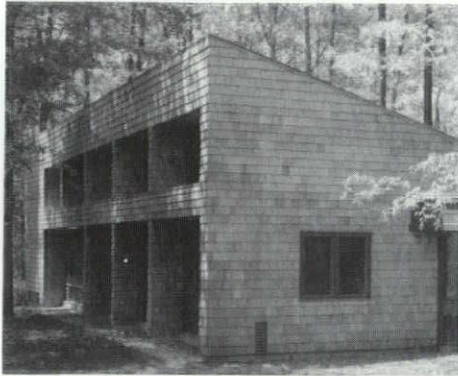
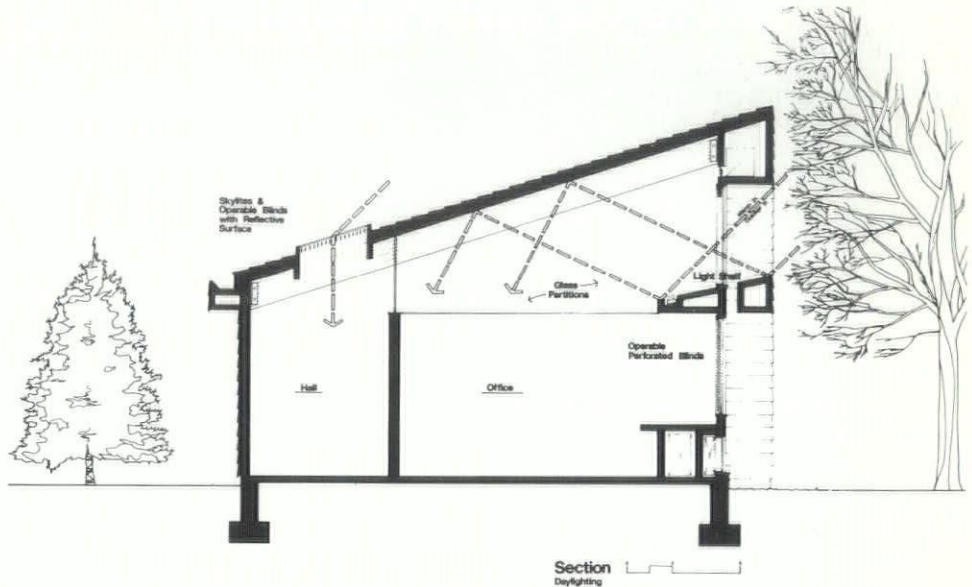
## COMPETITIONS AND AWARDS

### Park Headquarters Wins Owens-Corning Award Lawrence Cook AIA & Associates

The recently completed Headquarter's Addition for the Northern Virginia Regional Park Authority, which was featured in the September/October Energy issue of *Virginia Record*, has won a national Certificate of Achievement from the national Owens-Corning Energy Awards Program for exceptional energy conservation.

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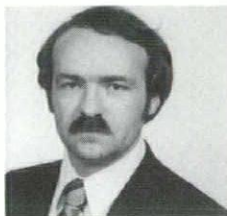
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CHARLES M. ANDERSON, AIA  
Blue Ridge Chapter



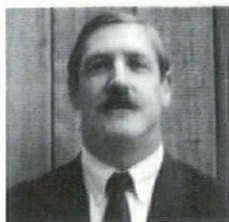
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& Engineers, Richmond



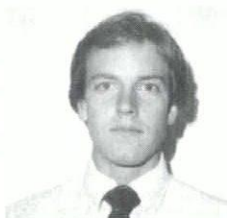
RICHARD M. BALKE, Associate  
Tidewater Virginia Chapter

FREDERICK S. ANDREAE, AIA  
Northern Virginia Chapter



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Tidewater Virginia Chapter  
With Shriver & Holland Associates,  
Norfolk

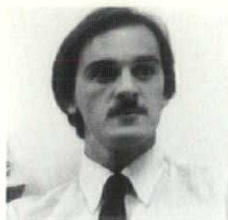
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With S & B Development Co. of Va., Inc.



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Tidewater Virginia Chapter  
With Broom & Fink,  
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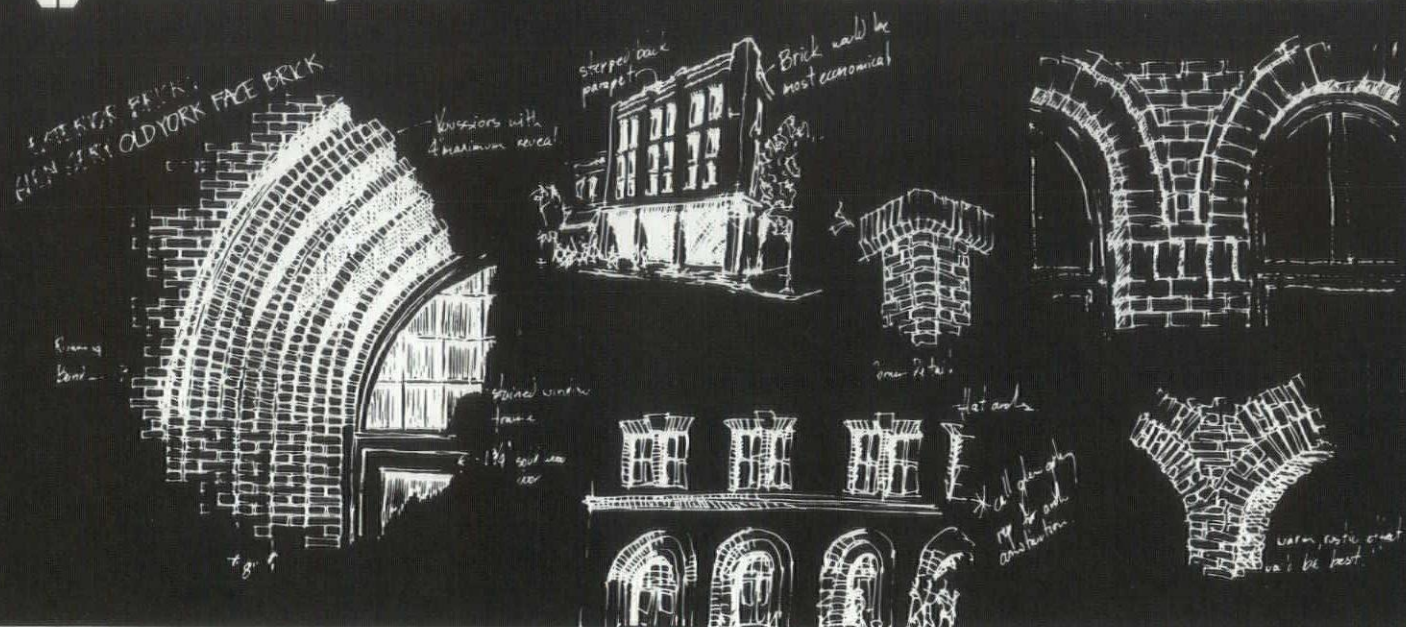


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# Ward/Hall Offices

## Ward/Hall Associates, AIA — Architects

Location: Fair Oaks Office Building, Fairfax

Project Architect/Designer and Interior Designer, Eric A. Taylor, R.A. • Mechanical/Electrical Engineer, Harold Schwartz Engineers • General Contractor, Demar, Inc. • Photography, Eric A. Taylor, R.A./Ira Wexler.

### PROJECT

An architectural office for a staff of 40 employees. The space is separated by a public corridor into east and west portions.

### PROGRAM

Major design goals included:

1. A relationship to the overall building.
2. A public reception area that presents a lively, contemporary image appropriate for a design firm.
3. A comfortable working environment.
4. A one-office feeling in spite of the physical separation.

### SOLUTION

The design takes its cues from the building itself. Building features significant to the interior design include: a) an angular plan with geometry based on a two-to-one relationship (see floor plan); b) a two foot square grid window plane; c) a row of black "processional columns" marking the main entrance axis. In response to these features, an eight-inch horizontal and vertical grid organizes the space using glass block and ceramic tile. The two-to-one geometry is reflected in these grids both in plan and elevation. These elements, in addition to neon tubing, establish the unifying vocabulary of the space. They are presented to the visitor before entering the suite and are carried throughout.

The reception area uses curvilinear form to direct circulation and to create the appropriate vibrant environment. It is here that the major organizational element, a red carpeted plane is first seen. This plane is parallel to the building's grid window plane and responds to this with grid openings of glass block utilizing the two-to-one geometry previously described. It also forms one wall of the main circulation corridor. This corridor is "compressed" in scale with a



(Taylor photo)





(Wexler photo)

lowered ceiling which emphasizes its transitional nature. Its linear quality is also emphasized by this device and is further enhanced with a continuous light cove, continuous neon tube, and ceramic tile band on which the carpeted plane sits. Entrance to this corridor at the lobby end is marked by a high gloss black column which is also in the building's "processional" row.

The main conference room allows the visitor's first interior view of the grid window plane. It is also impacted by the building's angular configuration and responds with ceiling and floor grids utilizing the two-to-one relationship.

The projection room across the corridor again uses building geometry, this time in an angular "floating plane" for a slide storage/projector shelf wall.

Glass block sections of the carpeted plane occur at the partners' offices and allow natural light to enter the corridor, secretarial, and word processing areas. This corridor terminates at the open landscaped east drafting room and is marked with a whimsical ending to the neon tube. The employee lunch room is visible from here as it bulges into the drafting room with a glass block wall. Its location provides easy access to the balcony for outdoor eating.

By use of the same materials and philosophy, the west portion of the office is united with the east. Entries align across the public corridor and utilize similar devices of scale "compres-

(Taylor photo)





sion," entry emphasis by paving pattern and glass block sidelights. The west office is also organized by a colored plane, in this case separating drafting from library and model room.

This project was completed in July 1982.

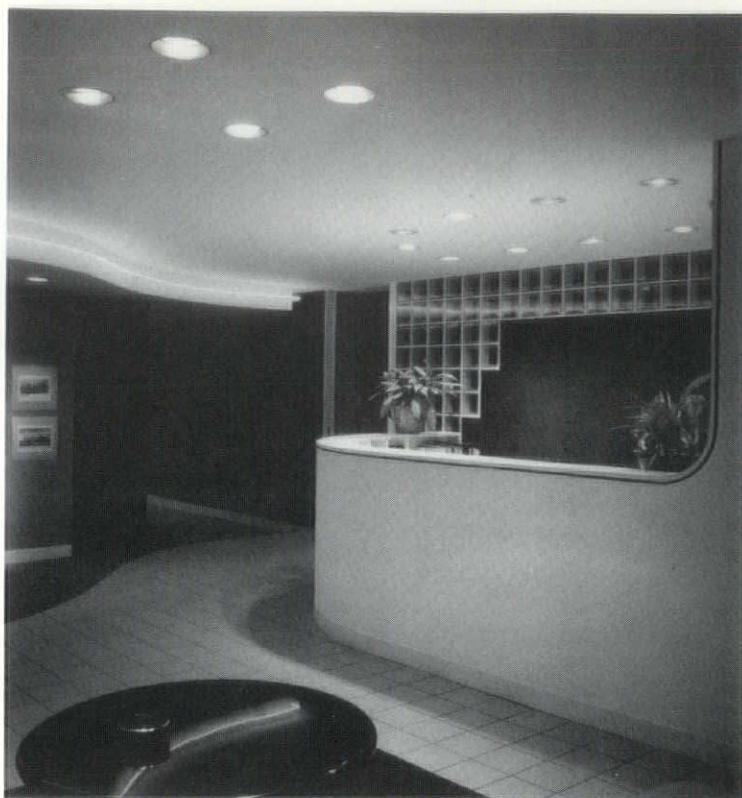
Demar, Inc. of Gaithersburg, Maryland was general contractor and handled carpentry.

#### SUBCONTRACTORS & SUPPLIERS

(Maryland firms unless noted)

K & K Masonry, Baltimore, masonry contractor; Pittsburg-Corning Co., Pittsburg, PA, glass block; P & P Contractors, Rockville, wall insulation & gypsum board contractor; KWC, Inc., Damascus, millwork; American Plate Glass Co., Kensington, glass & glazing contractor; Swingin' Door, Inc., Rockville, metal doors & frames & wood doors; Contract Hardware, Rockville, hardware supplier; Carpet Palace, Rockville, carpet; Kemco Applicator, painting contractor; and Sherwin Williams, Laurel, paint manufacturer.

Also, Specialty Sales, Inc., Bowie, "Zero-dec" column covers; Fittings, Inc., Boston, MA, plumbing fixture supplier, "Vola" fitting, "Alape" sink; Salco Mechanical Contractors, Springfield, VA, plumbing/heating/ventilating/air conditioning contractor; Paragon Electric Corp., Annandale, VA, electrical contractor; Roxanne Signs & Graphics, Inc., Rockville, neon installer; Intalite-Spec Marketing, Inc., Timonium, aluminum egg-crate ceilings.

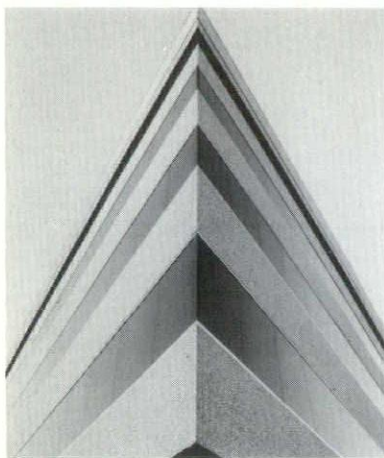


(Taylor photo)

(Rathe photo)







(Rathe photo)

# Fair Oaks Office Building

## Ward/Hall Associates, AIA — Architects

Phase I • Location: Fairfax

Project Architect/Designer, Eric A. Taylor, R.A. • Site Engineer/Surveyor, Dewberry & Davis • Structural Engineer, Smislova, Kehnemul & Associates • Mechanical/Electrical Engineer, Harold Schwartz Engineers • General Contractor, Demar, Inc. • Photography, Eric A. Taylor, R.A./Robert Rathe.

(Rathe photo)





## PROJECT

Phase 1—an 82,375 s.f. speculative office building with first floor commercial tenant space including drive-up bank.

Phase 2—a 5,000 s.f. free standing banking facility on the same site to be constructed at a later date.

## PROGRAM

Major design goals included:

- A. A strong, clear visual identity (particularly important for a speculative building).
- B. Relationship to the adjacent limited access highway (primary vehicular approach).
- C. Relationship to the loop road and shopping center to the south (site access point).
- D. Creation of easily identified entry points.
- E. Incorporation of first floor commercial tenant signage.
- F. Strong relationship between Phases 1 and 2.

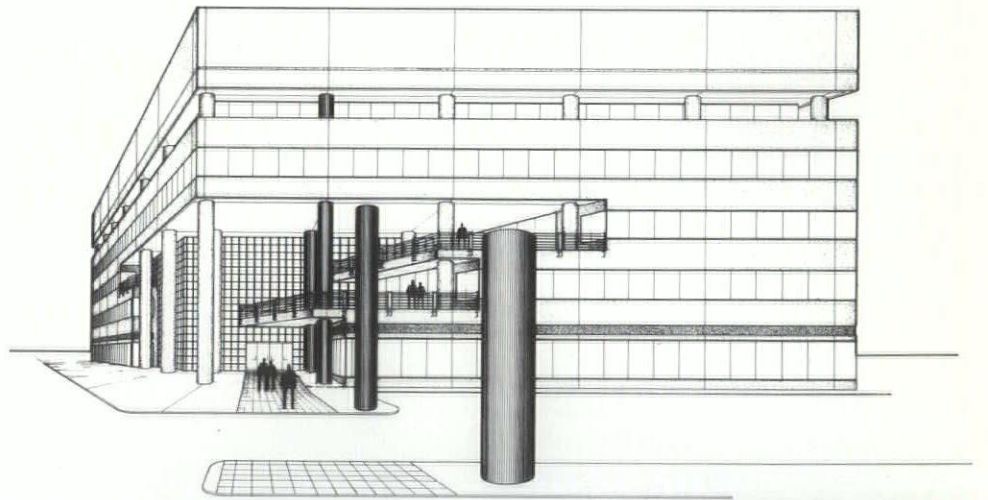
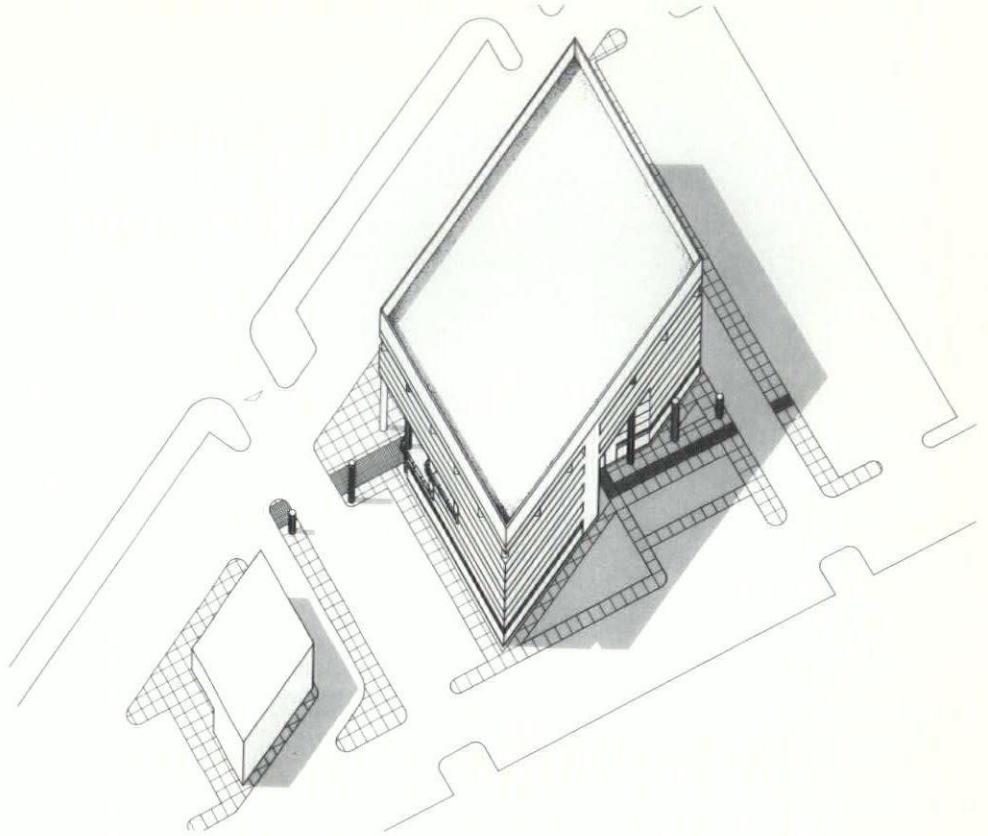
## SITE

The site is suburban, bounded on the north by a limited access highway (Route 50) and diagonally on the south by the parking lot loop road of a regional shopping center. Access to the site is from this loop road.

## SOLUTION

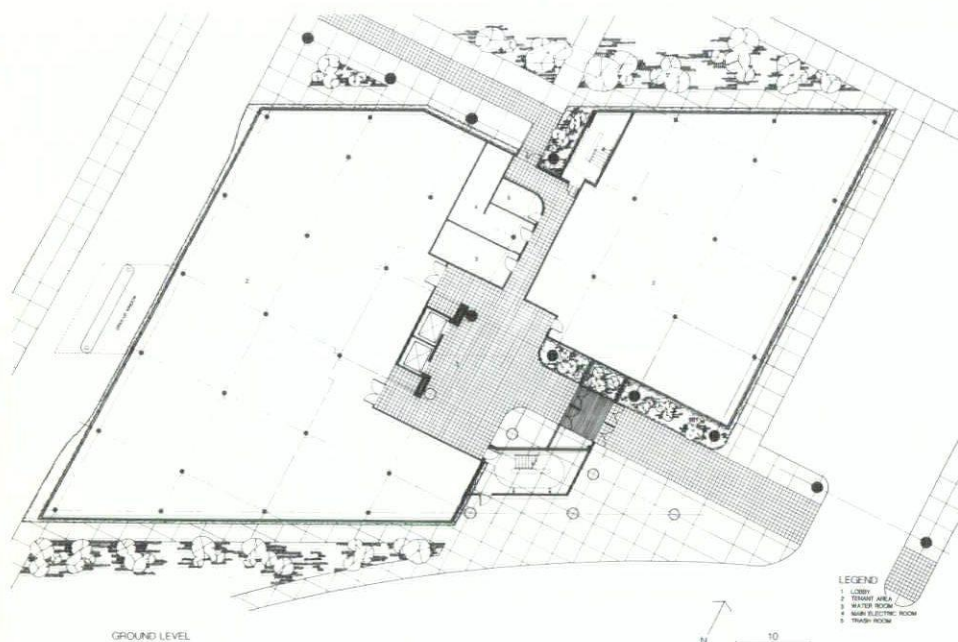
Phase 1 (the subject of this submission) is a parallelogram-shaped five-story building. The building shape was site-generated for an efficient use of space. North and south faces are basically parallel to the southern boundary while east and west faces are perpendicular to the northern boundary. First visual contact with the building is from Route 50 where simple precise detailing of the building form has a clear visual impact at high speed. The main access to the site is from the southeast where building detail is more complex and therefore more easily perceived by pedestrian and slow vehicular traffic.

There are three major design elements to this composition; outer shell, inner shell, and processional columns. The tight highway-scaled outer shell (precast concrete and mullionless ribbon windows) "folds in" to expose a more human scaled inner shell (2x2 grid curtain wall). This "folding" creates a three-story exterior volume at the main entry on the southeast corner and at the secondary entry on the north face. By progressively stepping back the "fold" points from first to third floor in the main entry area, upper level tenant balconies are created



(Taylor photo)





while maintaining maximum ground floor area for commercial use. This further enriches the human scale detail of the area. Processional columns of contrasting color, material, and finish accentuate and clarify the entry points and horizontal pedestrian flow. Placement of free-standing columns at the main entry allow for vehicular traffic between them. This initiates the visitor's interaction with the building. Placement of stairways directly behind the inner shell at entry points orients the visitor to vertical flow. The direction of pedestrian access accentuated by the processional columns also parallels Route 50 to the north—a relationship that further orders the composition as perceived

from the highway. Tenant signage is organized into a continuous horizontal band of contrasting color above the first floor glass.

The Phase 2 bank structure will also be parallel-ogram in plan. The south faces of both buildings will be aligned and basic massing of the bank will reflect somewhat the negative space under the southeast corner of the office building. This will cause the bank to be read as "the piece removed."

Phase 1 was completed in the Spring of 1982 meeting a budget of \$43.75 per square foot (\$3.6 million total).

Demar, Inc. of Gaithersburg, Maryland was general contractor and handled carpentry.

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

Montgomery Lawns, Gaithersburg, landscaping materials & landscaping contractor; HMF Paving, Germantown, paving contractor; L. Barrett Contracting Co., Inc., Capitol Heights, foundations, concrete contractor, reinforcing & concrete supplier; Standard Art Marble & Tile Co., Inc., Landover, pre-stressed concrete, stonework contractor, stonework supplier, caulking & terrazzo; K & K Masonry, Baltimore, masonry contractor; Supreme Concrete Block, Inc., Fairfax, VA, masonry manufacturer, masonry supplier & mortar; All Steel Construction, Inc., Gaithersburg, steel supplier, steel erection & steel roof deck; and W & W Fabrication, LaPlata, miscellaneous metal.

Also, M.J. Brigham, Rockville, built-up roof & roof insulation; P & P Contractors, Rockville, wall insulation & gypsum board contractor; Metal Products, Inc., Laurel, handrails; KWC, Inc., Damascus, millwork; L.W. McChesney, Inc., Ft. Washington, waterproofing; Salco Mechanical Contractors, Springfield, VA, sheet metal/plumbing/heating/ventilating/air conditioning contractor; American Plate Glass Co., Kensington, glass, glazing contractor, windows, window wall & storefront; Swingin' Door, Inc., Rockville, metal doors & frames & wood doors; Contract Hardware, Rockville, hardware supplier; Stevens Tile & Marble Co., Inc., Kensington, ceramic tile; Carpet Palace, Rockville, resilient tile & carpet; Kemco Applicator, painting contractor; Sherwin Williams Co., Laurel, paint manufacturer; Vitex, wall covering; Otis Elevator Co., Alexandria, VA, elevator; Paragon Electric Corp., Annandale, VA, electrical contractor; and The Dages Co., Richmond, VA, column covers.



(Rathe Photo)



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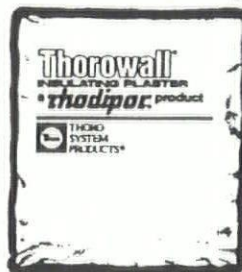
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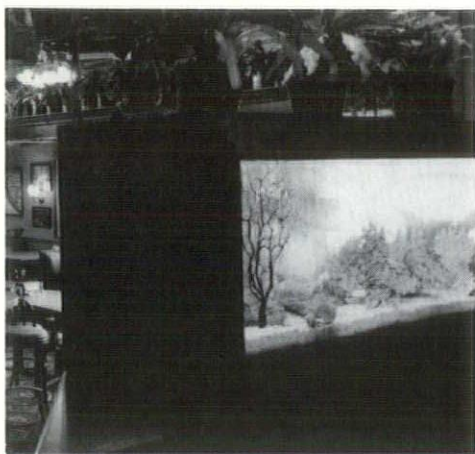
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## Shakey's Pizza

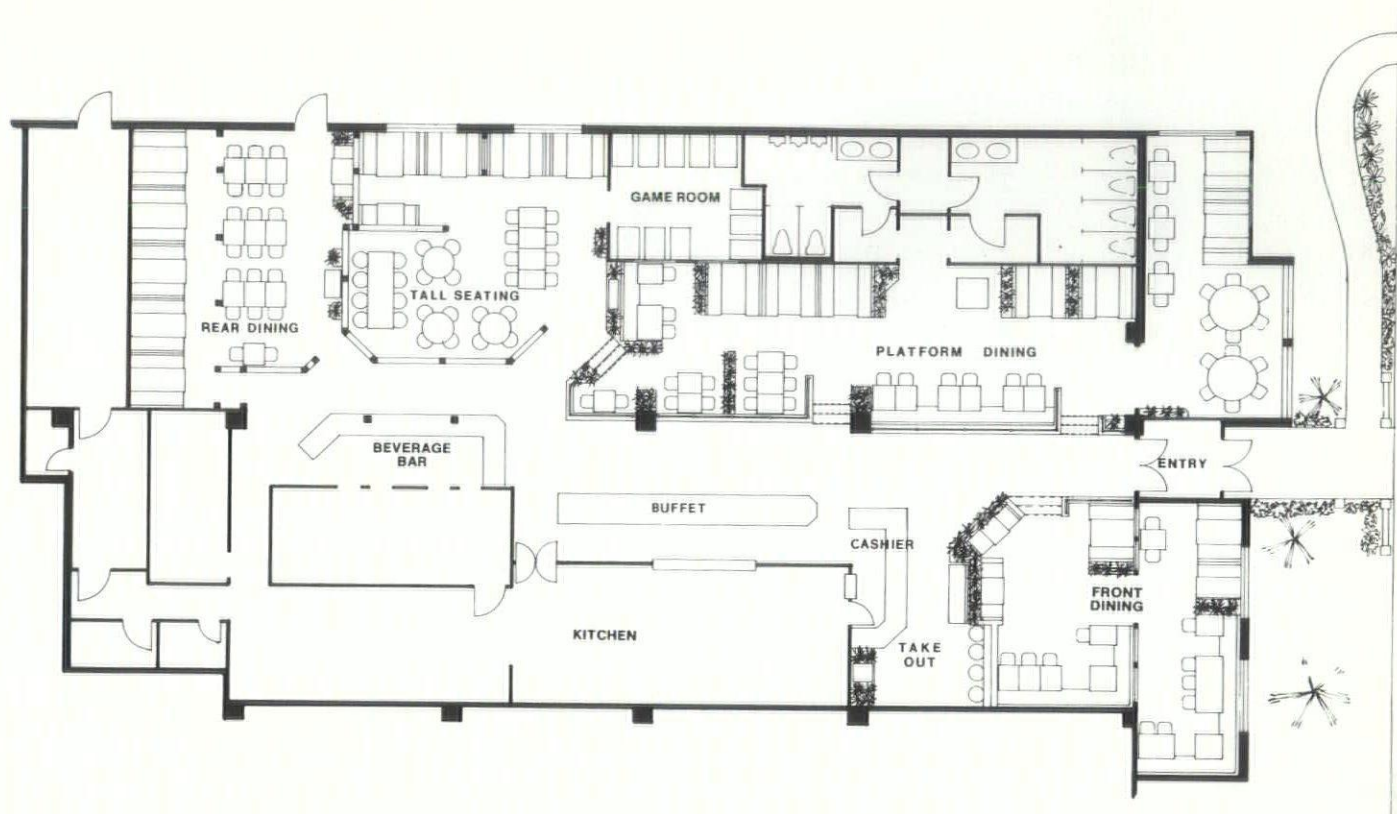
Thomas W. Hamilton & Associates — Architect

Location: Annandale

Project Architect/Designer, Michael A. Young • Landscape Architect, G. L. Rupert & Assoc. • Interior Designer, Thomas W. Hamilton & Assoc. • Mechanical Engineer, Tropic-Kool • Electrical Engineer, George Worsaley, Jr. & Assoc. • Owner Shakey's, Inc. • General Contractor, James W. Kaputa Co. • Photography, Huffman Studio.







FURNITURE PLAN

Shakey's Pizza—Annandale is located on the corner of Little River Turnpike and Backlick Road. The project involved the renovation of the existing Spaghetti Mill Restaurant into the largest Shakey's Pizza to date.

Shakey's Incorporated is changing the image of the pizza parlors. This image change required the development of different dining spaces and atmospheres within the restaurant as opposed

to the open room with picnic tables as used in Shakey's in the past. These dining spaces were created with the use of platforms, wood paneling, wood rails, and brick. Shakey's Incorporated provided the finish specifications for paints, wallcovering, carpet and stains.

James W. Kaputa Company of Alexandria was general contractor and handled roofing, handrails, carpentry & cabinets.

#### SUBCONTRACTORS & SUPPLIERS

Shakey's Inc., Fairfax, glass, carpet & wall covering; Sherwin Williams, Williamsburg, paint manufacturer; Atlantic Equipment Corp., Baltimore, MD, equipment & plumbing fixture supplier; Burke Plumbing & Heating Inc., Burke, sprinkler contractor & plumbing contractor; W.T. Imlay Company, Merrifield, heating/ventilating/air conditioning contractor; Howard Boland, Alexandria, lighting fixtures supplier; Richardson Electric Service Inc., Warrenton, electrical contractor.





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# Suburban Savings & Loan Association

## Beery, Rio & Associates — Architect

**Building II • Location: Annandale**

**Project Architect, Whitney L. Wagner • Mechanical/Electrical Engineer, McDavid, Grotheer & Company • Structural Engineer, FDE, Ltd. • Civil Engineer, McLaughlin, Ghent • Food Service, Cini-Grisson Assn., Inc. • General Contractor, Eugene Simpson & Brother, Inc.**

The second Suburban Savings & Loan Association office building is located inside the beltway in Annandale. It is adjacent to the first SS & LA building designed 10 years ago by Beery, Rio & Associates. This project was designed to be compatible with the first phase.

In addition to housing Suburban Savings & Loan Association's mortgage department on the first floor, the building contains eight floors of rental office space. Below grade is a cafeteria, executive dining area, and a tunnel connecting Phases I and II.

Exposed sand finished concrete was used to define the column bays and recall the second floor and parapet bands of the first phase. A strong vertical theme is created by using a narrow aluminum curtain wall system flanking a brick panel which rises from the second floor to the ninth floor. This is capped by a horizontal band of bronze glass and spandrel panels. At the first floor, polished black granite and bronze glass windows combine to provide a simple base recessed between the exposed concrete columns.

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Eugene Simpson & Brother, Inc. of Alexandria, was general contractor and handled excavating.

### SUBCONTRACTORS & SUPPLIERS

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Also, Prospect Enterprises Inc., McLean, waterproofing; Concrete Applications Inc., Washington, DC, roofing, sheet roof & roof insulation; Davenport Insulation Inc., Springfield, wall insulation; Allen Glass Co., Inc., Alexandria, glass & glazing contractor; Metal Specialties Co. of Virginia, Vienna, metal doors & frames; A.W. Garner, Inc., Arlington, gypsum board contractor; Stevens Tile & Marble Co., Kensington, MD,

ceramic tile; Acoustical Ceiling, Inc., Merrifield, acoustical ceiling; Commercial Painting Inc., Oxon Hill, MD, painting contractor; R.S. Somers, Inc., Fairfax, kitchen equipment; Dover Elevator Co., Rockville, MD, elevators; Dominion Sprinkler Corp., Springfield, sprinkler contractor; BACO Co., Inc., Springfield, heating/ventilating/air conditioning contractor; and Seal & Co., Inc., Washington, DC, electrical contractor.





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# NSW Corporation

## Byron R. Dickson, Architect

**American Headquarters—Office and Manufacturing Facility • Location: Roanoke**

**Project Manager, Dan Horner • Interior Design, vanBlaricom Design Associates, Inc. • Mechanical Engineer, Charles D. Keffer II, Consulting Engineer • Electrical Engineer, Lee B. Eddy, Professional Engineer • Structural Engineer, Richard L. Williams, Consulting Engineer • General Contractor, Days Construction Co., Inc.**

The NSW Corporation, a subsidiary of a West German firm, opened a new American headquarters plant in Roanoke in December of 1982 to manufacture plastic products.

Norddeutsche Seekabelwerke AG (North German Sea Cable Works Inc.), the parent company, began in 1899 as a maker of trans-Atlantic telegraph cables. It made land telephone cables by 1928 and plastic materials by 1932. The firm moved into process engineering by developing biological processes for use of special plastic products in the wastewater and chemical industries in 1975. The company has been in the U.S. market for 15 years and is owned by Siemens of Berlin and Munich and by Phillips of Cologne and the Netherlands, two major electrical and electronic manufacturers in Europe.

NSW produces three product lines of plastic netting. The product is used for packaging, protecting highly finished surfaces, and kidney dialysis machines. Other products to be manufactured in the Roanoke plant may include lamp fixtures, mirror frames, bathroom articles, giftware, and plastic belts for industrial use. The belts are uniquely designed so they can be repaired without dismantling the machine on which they are used.

The six-acre site is part of the Kimball urban renewal area in northeast Roanoke adjacent to the central business district.

The cost of construction was close to \$1,000,000 with another \$2,000,000 invested in operating equipment.

Days Construction Company of Salem was awarded the construction contract as the result of competitive bids which were received in March 1982. Ground was broken shortly thereafter.

Total enclosed area is 22,000 square feet, 6,000 being committed to administrative space in a two-story configuration while the remaining 16,000 houses the manufacturing area with a 23-foot clear height. The building has been designed to receive two later expansion phases which will ultimately provide a total area of 66,000 square feet.

The site is relatively flat except for steep shoulders which slope down to the street along the north and east. Four storage silos are positioned





along the north elevation for retention of plastic raw material. Paved parking areas are provided along the south side.

The substructure is reinforced concrete and employs a precast foundation system. The primary above-grade structural system is a pre-engineered steel frame. All floors are concrete slab on grade.

An energy efficient and moisture resistant exterior closure achieves integrity through the efficient use of metal, masonry, and glass. The roof system is standing seam metal. Brick masonry and metal panels make up the wall system. Fenestration is provided through thermally broken aluminum fixed sash windows.

Interior construction utilizes the following floor, partition, and ceiling system: in the administrative areas carpet tiles predominately cover the concrete slab; whereas, a floor hardener is applied to the concrete slab in the manufacturing areas. Wall surface finish in the administrative areas is field applied vinyl on drywall substrate. Elsewhere, a wall liner panel is provided together with a painted finish where masonry is

exposed. Suspended in the two-story portion, is a ceiling grid which holds conventional acoustic panels

A gas fired boiler, feeding duct mounted fin tube radiators, provides for general heating requirements. Likewise, packaged electric multizone units with variable volume distribution serve the cooling needs. A water fire suppression system is provided.

Electric service to the building is 600 amps with conventional distribution. Fluorescent lighting, using energy saving ballasts and lamps and high intensity discharge type lighting, provide artificial illumination.

Days Construction Co., Inc. of Salem was general contractor and handled masonry work.

#### SUBCONTRACTORS & SUPPLIERS

Thomas Brothers Inc., Salem, grading; Superior Exterminating Co., Inc., Roanoke, soil treatment; John Yauger, Roanoke, coping; Roanoke Valley Paving, Bedford, paving contractor; Phoenix Concrete Products Inc., Roanoke, foundations; Salem Ready Mix Concrete, Inc., Salem,

concrete contractor & concrete supplier; Valley Steel Corp., Salem, reinforcing; Locher Brick Works, Inc., Roanoke, masonry manufacturer, masonry supplier & mortar; Virginia Steel & Building Specialties, Lynchburg, steel supplier, steel erection & steel joists; McClung's, Salem, millwork; Glass & Metals Inc., Harrisonburg, glass, glazing contractor & windows; and Skyline Paint & Hardware Inc., Roanoke, metal doors & frames, hardware supplier & specialties.

Also, Argabright Contractors, Salem, plaster contractor & resilient tile; Botetourt Tile Co., Botetourt County, ceramic tile; Contract Furnishings & Design, Salem, carpet; W.E. Donald, Vinton, painting contractor & wall covering; Magic City Sprinkler Inc., Roanoke, sprinkler contractor; Weddle Plumbing & Heating Co., Roanoke, plumbing/heating/air conditioning contractor; Jarrett Electrical Co., Roanoke, electrical contractor; Overhead Door Co., Roanoke, overhead doors, dock seals, levelers & traffic doors; Dominion Sign Inc., Roanoke, building signage; Dixie Lite-Trol Co., window blinds; and J.H. Pence Co., Roanoke, steel lockers.



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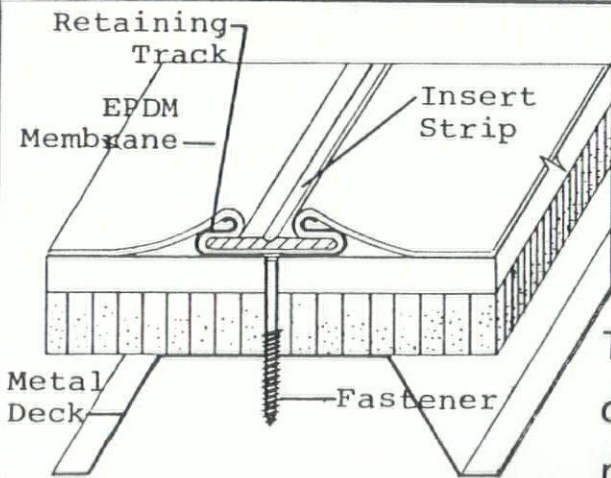




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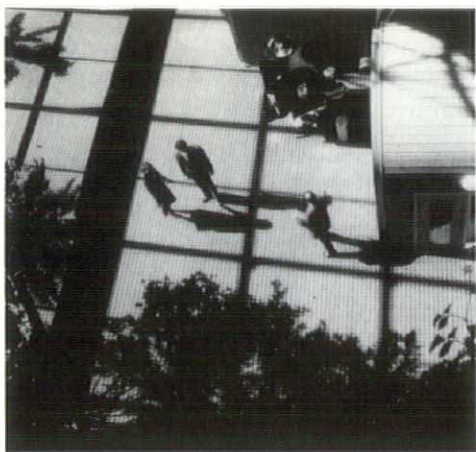


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## Holiday Inn Executive Center

Hanbury and Company, P.C. — Architects

Phase I • Location: Virginia Beach

Owner, Coastal Inn Associates • Managed by Tidewater Inn Management, Inc. • Developer, Thomas J. Lyons • Project Architect, Roger Newill • Project Team: Roger Newill, Dan Bauserman, Morris Mays, Dan Sampson and Randy Lyall • Project Interior Designer, Ray Jennings • Restaurant Designer, Thomas W. Hamilton & Associates • Site Engineer, Freeman & Associates • Soil Testing Engineer, Herbert & Associates • Structural Engineer, C. T. Tomlin • Mechanical Engineer, Bowman Associates • Consultant for Landscape, Restaurant Interior, Kitchen Equipment and Graphics, The Owner • General Contractor, Leo J. Martone & Associates • Photography: Exterior, Kevin M. Gorman Specialized Photography; Interiors, Ronn Maratea.

The Holiday Inn Executive Center was designed to generate visual excitement for passing commuters and travelers on I-44. The slanted aluminum roofline appeals to the eye, and it allows the public to see into the lobby from the exterior. Outside walls consist of split-face, cleaved aggregates that create a rustic, yet cohesive surface.

The front lobby serves as a focal point around which numerous activities take place. The six-story enclosed atrium lobby is supported with steel space framing and is filled with over \$35,000 worth of plants, including a 35-foot *Ficus benjamina* tree, numerous palms and other plants. The lobby also has a distinctive







sunken lobby/sitting lounge and a spacious walking area that leads to the coffee shop.

The attractive front desk can accommodate a number of guests simultaneously. Made with juniper wood and covered with a marble top, the desk complements the lobby's decor, while serving as an effective accent for the barrel-topped kiosks that house the administrative offices.

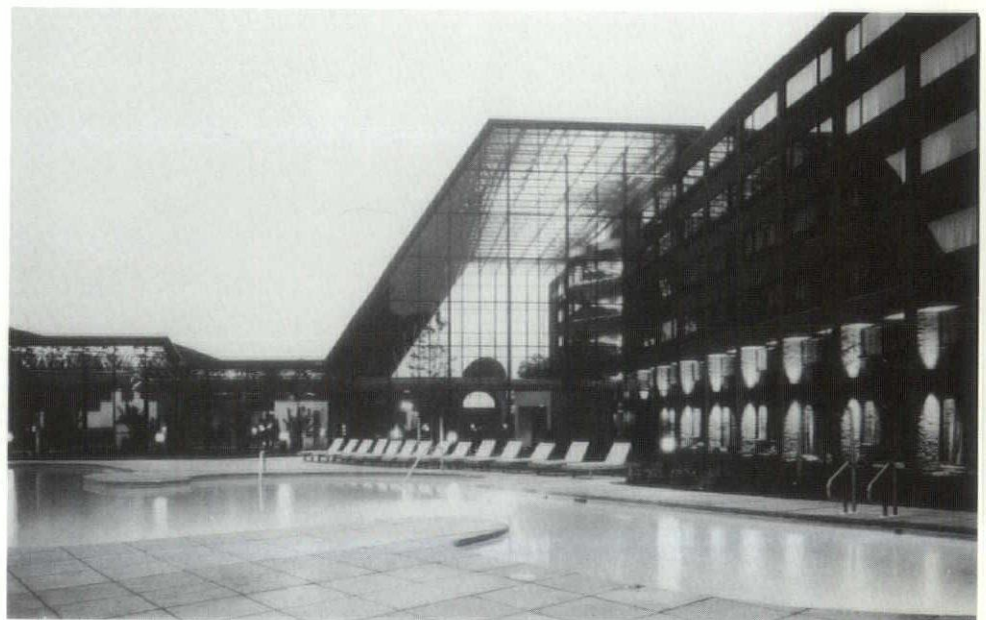
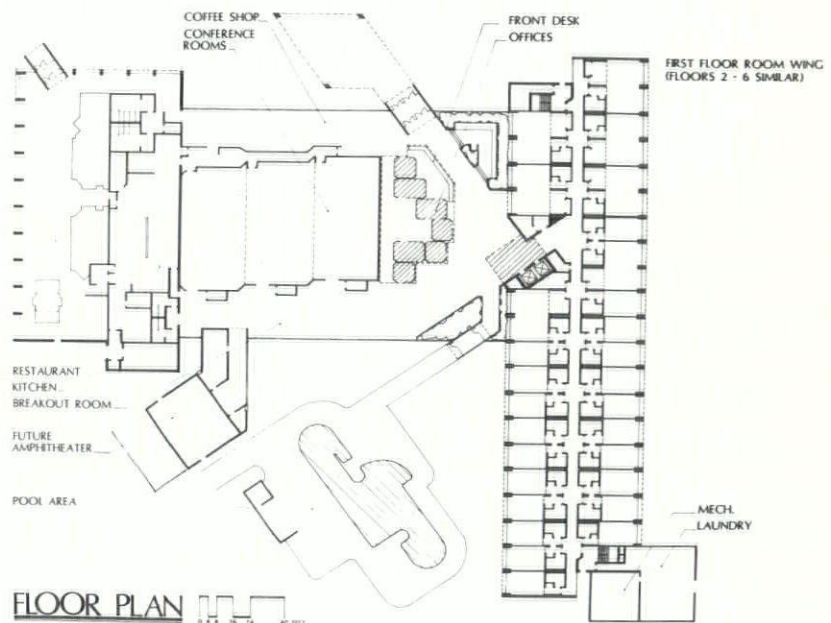
The restaurant, Ashley's (See *VIRGINIA RECORD Nov/Dec 1983*), may be viewed both as an integral part of the hotel and an independent restaurant. Its Victorian styling includes two solid bronze doors, a large skylight over a sizable planter of palms, and polished oak tables that sport the Greenwich Lion's crest. Coupling brass and oak trim with strategically placed planters, the restaurant creates an air of intimacy for 192 diners.

The main ballroom, which consists of 5,500 square feet, can be divided by partitions into three distinct rooms: the James, the Elizabeth and the York. The entire room can serve 375 people in classroom seating, 450 in banquet style and 750 in theater style. By adding the two seminar rooms and seven parlor suites, the Holiday Inn Executive Center has meeting flexibility for groups of almost any size. In the first six months of operation, food, beverage and banquet sales exceeded \$1 million.

There are 112 Standard guest rooms in the Holiday Inn Executive Center. Each Standard room has two double beds, cable television and comfortable contemporary furnishings in aquamarine and dark coral color schemes.

Eighty-four King Leisure guest rooms provide guests with one king-size bed, cable television and contemporary furnishings accented with brass inlays. Some of these rooms also include plush loveseats.

Seven Parlor suites offer the maximum meeting flexibility within one large room. Cable television, a wet bar and refrigerator, a skirted sofa







and chairs, and coffee tables enable guests to entertain without constraints. For especially large groups, the king-size Murphy bed lifts up into the wall, providing even greater floor space.

The courtyard has been incorporated with the pool area to present an attractive, outdoor lounging area for hotel guests. Many of the guest rooms face this courtyard, with its grassy area accentuated by well-placed shrubbery and walking paths.

The distinctive shape of the outside pool was designed to offer swimmers an 85-foot length for swimming laps, while providing guests and their children with three distinct areas of differing depths. Wide steps are situated so that they face the south. This enables guests to sit and relax in the water while they get the full benefits of the summer sun. Comfortable padded fiberglass furniture surrounds the pool for the guests' convenience, and the pool itself can be lit for swimming at night.

From February 1st through August 1st, the Holiday Inn Executive Center has maintained an occupancy rate of eighty percent (80%). As of September, construction commenced on an 88-room addition, which will also feature an indoor health spa that will include an indoor swimming pool, a jacuzzi, a sauna and physical fitness equipment in a palm-filled setting.

Leo J. Martone & Associates, Inc. of Virginia Beach was general contractor for the project.

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## SUBCONTRACTORS & SUPPLIERS

John Fay, Coastal Inn Associates, Virginia Beach, restaurant interior finish subcontractor; John J. Kolbe, Inc., Richmond, kitchen equipment; Yesterday's Party Ltd., Chicago, IL, restaurant interior finish subcontractor; Carpet Concepts, Norfolk, carpet subcontractor; Eastern Fire Protection Design Co. (T/A Eastern Office & Blueprint Supply Co.), Virginia Beach, mechanical fire protection (sprinkler); Aircon, Ltd., Chesapeake, HVAC & GE thru-wall installation; Arc Electric Co., Chesapeake, electric contractor; Architectural Industrial Products Co., Div. of Jefferds Corp., Richmond (Representative for Unistrut Corp., Wayne, MI), Moduspan space frame; Asphalt Roads & Materials Co., Inc., Virginia Beach, asphalt & concrete paving, entrances, curb, gutter & walks; Baker Roofing Co., Norfolk, roofing & sheetmetal; The Ceco Corp., Richmond, forming for concrete; Chesapeake Partition, Inc., Chesapeake, drywall, plaster, metal studs & insulation; and Colonial Painting Co. of Tidewater, Inc., Virginia Beach, painting.

Also, Construction Specialties, Inc., Muncy, PA, expansion joint covers; Howard E. Marquart & Co., Norfolk, local representative for Construction Specialties; Door Engineering Corp., Norfolk, finish hardware, chutes, fire extinguishers, wood & hollow metal doors & frames, toilet partitions & accessories and folding partition doors; Rex L. Edwards & Co., Norfolk, acoustical ceilings; Forrest Exterminating Service, Inc., Virginia Beach, soil poisoning; General Electric Co., Richmond, thru-wall units; Gibson Equipment, Inc., Norfolk, miscellaneous equipment rental; Hall-Hodges Co., Inc., Norfolk, reinforcing steel; Herrin Brothers Erection Co., Inc., Portsmouth, caulking; and Hudson Masonry Co., Inc., Virginia Beach, masonry.

And, Jayen Tile Corp., Norfolk, ceramic tile, quarry tile & vinyl base; Warner Moore & Co., Inc., Virginia Beach, T&G material over space frame structure; Norfolk Iron & Wire Works, Inc., Norfolk, metals, structural & miscellaneous steel; Portsmouth Paving Corp., Portsmouth and Vico Construction Corp., Chesapeake, water, storm & sanitary sewers; Read Steel Co., Inc., Chesapeake, conc. reinf. steel; Rody Recreation Systems, Ltd., Newport News, swimming pool; Sadler Materials Corp., Virginia Beach, concrete; Schell Supply Corp., Virginia Beach, molded marble vanity tops; B.E. Sharp & Son, Inc., Norfolk, plumbing & sprinkler contractor; William Sprinkler Co., Chesapeake, sprinkler (subcontractor to Sharpe); Suburban Grading & Utilities, Inc., Norfolk, site clearing; and Walker & Laberge Co., Inc., Norfolk, sliding glass doors, entrances, aluminum windows, glass, glazing & windowwall.

Others were, Crossly Windows, Miami, FL, window supplier; Kawneer Co., Jonesborough, GA, curtain wall; Waterfront Lumber Co., Inc., Newport News, Juniper interior & exterior finish millwork; Webster Elevator Co., Inc., Chesapeake, elevator; Welch Pile Driving Corp., Virginia Beach, pile driving; E. V. Williams Co., Inc., Virginia Beach, strip site, fill; PPG Industries, Inc., Pittsburgh, PA, paint supplier; Roof Systems, Inc., Grand Rapids, MI, metal roof over space frame (furnished and installed by Baker Roofing); Allied Coatings, Ltd., (now, Coating Systems, Inc., Chesterfield), acoustic spray ceiling; McBroom Pool Products, Inc., Virginia Beach, completion of swimming pool; and Joe Travato, punch list painting work.



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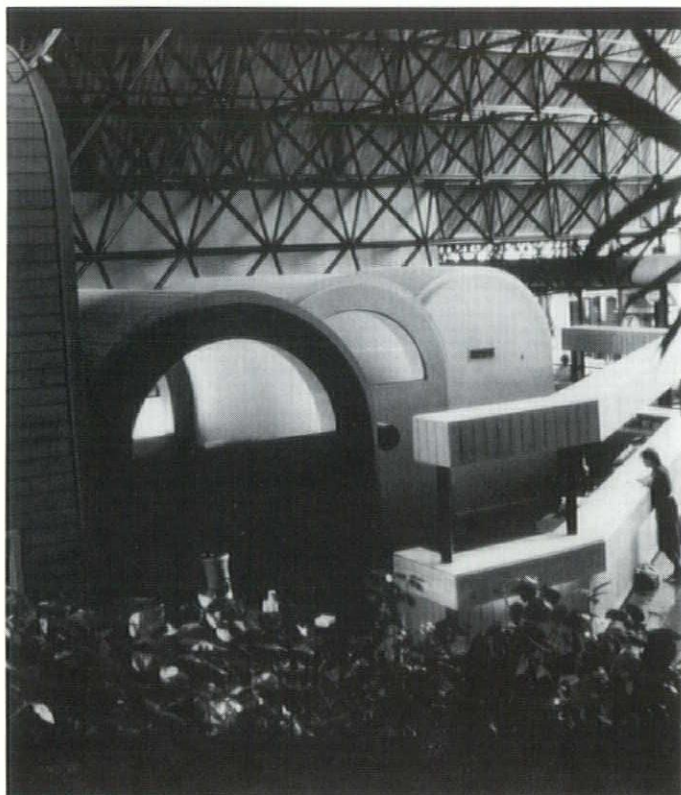
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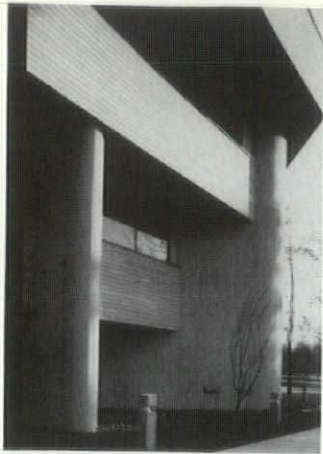
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## Virginia Center for Health Affairs

### Wiley & Wilson, Architects, Engineers, Planners

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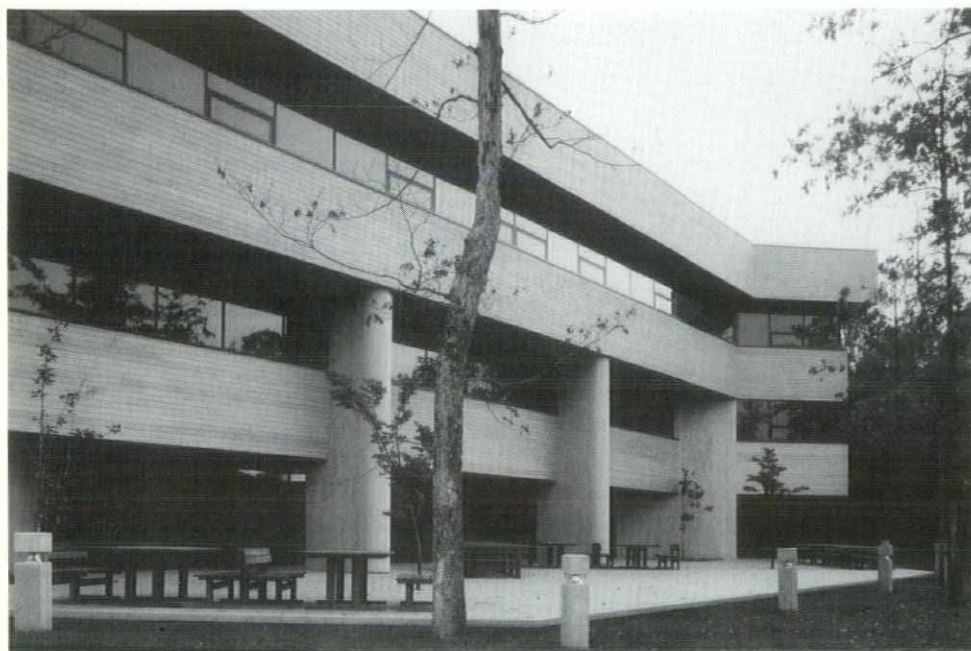
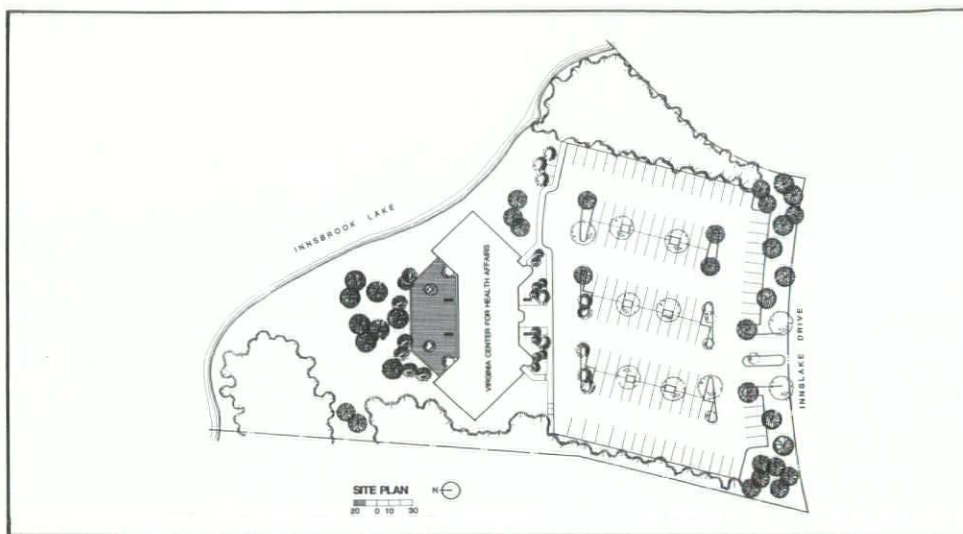
**Location:** Innsbrook Office Park, Henrico County

**Landscape Architect, Wilson-Moreth Partnership • Interior Design, Interior Planners, Inc.**  
**• General Contractor, Taylor & Parrish, Inc.**  
**• Photography, JoAnn Sieburg Baker.**

The Virginia Center for Health Affairs is located at the south end of Innsbrook Lake in The Innsbrook Office Park in Western Henrico County. The park is heavily wooded and offers a uniquely quiet and serene atmosphere particularly suited to the work activities of the professional staff and many visitors to The Virginia Center. The 34,000 square foot, three-story building is the home of several closely-related







corporations serving the health care industry in the areas of insurance, purchasing, public relations, and education.

In order to best serve its individual and institutional members, and to properly allocate the costs of building and operating a new facility, the building was designed to be conveniently divided into a condominium type of ownership while remaining open and unified in plan. The building's three levels house three basic functions which differ in their floor area requirements and in their need for staff isolation and control of visitor access. The facility's ground level is dedicated to classrooms, teleconference rooms (the building is equipped with a satellite receiving station), lunch rooms and a shared printing/mailling shop. Large lobby and reception spaces are utilized as break areas for the conference rooms, and an outdoor deck overlooking the Innsbrook Lake provides visual respite from training and conference activities. Because the deck is on the building's north side and partially shielded by the building's east and west wings, it can be comfortably utilized on all but the most extremely hot or cold days. Also, because the north wall of the building's first floor is glass, the view of the lake and surrounding woods is a part of all indoor activities and offers a sense of spaciousness and tranquility to each interior space.

The building's second floor provides offices for professional staff in the areas of law, public relations, purchasing, and education. The high level of staff quality is reflected in the high quality of the space provided for their use, and is intended to be an aid in staff retention and recruitment.

Third floor spaces house the fast-growing insurance organization serving individuals and institutions providing health care services in the region. Again, the space provided was designed to be a significant positive factor in the recruitment and retention of a very high caliber of professional staff. On both the second and third levels maximum use of the view to the lake was employed to make the attractive office spaces seem larger, and to offer a visual relief from the press of the daily business effort.

The exterior of The Virginia Center for Health Affairs has been expertly crafted of redwood and glass by Taylor & Parrish, Inc., of Richmond; and the workmanship and care exhibited in every detail of the building reinforces their solid reputation for quality. The redwood, treated with bleaching oil and semi-transparent gray stain, was selected to harmonize with the wooded character of the surroundings while conveying the dignity appropriate to a corporate headquarters building. Because the build-



ing's detailing is subject to close inspection and contact at both the south (entry) elevation and the north (deck) elevation, it was imperative that each detail be carefully thought out and meticulously executed with consideration of such things as grain direction, nailing pattern, and saw-cut quality. The care of the contractor, sub-contractors, and individual tradesmen in executing an architectural concept which is based upon the studied needs of the occupants and the benefits inherent in the site makes The Virginia Center for Health Affairs a most attractive place to visit and work.

Taylor & Parrish, Inc. of Richmond, the general contractor, also handled foundations, foundation insulation, carpentry, waterproofing and concrete work.

#### SUBCONTRACTORS & SUPPLIERS

(Richmond firms unless noted)

Harris Excavating Co., Mechanicsville, excavating & paving contractor; Watkins Nurseries, Inc., landscaping materials & landscaping contractor; Bowker & Roden, Inc., reinforcing; Massey Concrete Corp., concrete supplier; Southern Brick Contractors, masonry contractor; Taylor Clay Products, Salisbury, NC, masonry manufacturer; Redford Brick Co., Inc., masonry supplier; Riverton Corp., Riverton, mortar; Liphart Steel Co., Inc., steel supplier/erection/joists/roof deck & miscellaneous metal & handrails; McKee Roofing, Inc., roofing & roof insulation; Davenport Insulation, Inc., wall insulation; Forest Products Sales, Inc., Ashland, structural wood; H. Beckstoffer's Sons, Inc., millwork, paneling, cabinets & wood doors; Walker & Laberge Co., Inc., caulking, glazing contractor, windows & window wall; Baker & Hazelwood Mechanical Contractors, Inc., sheet metal/plumbing/heating/ventilating/air conditioning contractor; PPG Industries, Inc., glass; Roanoke Engineering Sales Co., Inc., metal doors & frames; and Kawneer Co., Inc., Atlanta, GA, storefront.

Also, Pleasants Hardware, hardware supplier; HIVA of Richmond, Inc., gypsum board contractor; H.E. Satterwhite, Inc., ceramic tile; Manson & Utley, Inc., acoustical treatment & resilient tile; Hodgman's, Inc., carpet; Lane Bros., Inc., painting contractor & paint supplier; Pittsburgh Paints, Pittsburgh, PA, paint manufacturer; General Tire & Rubber, Newcomerstown, OH, special wall finish; Maharam, Inc., wall covering; Steel Products, Inc., Glen Allen, specialties; Dover Elevator Co., elevator; Wes-Way Sprinkler Co., Inc., Mechanicsville, sprinkler contractor; Hajoca Corp., plumbing fixture supplier; Westinghouse Electric Corp., lighting fixtures/electrical equipment supplier; and The Howard P. Foley Co., electrical contractor.







## Philip Morris, USA

### Rawlings & Wilson, Architects, P.C.

**Stockton Street Building • Location: Richmond**

**Project Architect/Designer, James Scott Rawlings, AIA, James River Chapter • PROJECT TEAM: James Scott Rawlings, AIA and Thomas A. Gannaway, III, AIA, Rawlings & Wilson, Architects, P.C.; Thomas Giles, Harris, Norman & Giles — Mechanical Engineers; James Tyree, Hankins & Anderson — Structural Engineers; Patricia Meek, Interior Planners; and Joseph Horner, Philip Morris, USA • CONSULTANTS: Mechanical Engineers, Hankins & Anderson, Inc.; Structural Engineers, Harris, Norman & Giles; Interior Design, Interior Planners; Kitchen Design, John G. Kolbe, Inc.; and Soils Engineer, Froehling & Robertson, Inc. • Surveyor, Chas. H. Fleet & Associates • OWNER AND OWNER'S REPRESENTATIVE: Philip Morris, USA and Joseph Horner • General Contractor, J. Kennon Perrin Construction Co., Inc.**

#### THE SITE

A sloping corner property 133' x 141' with streets on two sides and existing manufacturing plants (of different vintage) on the other sides. The site was occupied by an existing one-story building housing mechanical equipment, an underground 100,000 gallon water storage tank, and three on-grade storage tanks, all of which had to remain.

#### THE PROGRAM

A new building for mixed use to serve as a focal point and main entrance (for both employees and visitors) for two existing buildings. Requirements included a large cafeteria and full kitchen to serve complete meals 24 hours a day, spacious employees' lockers and toilet facilities, offices for engineering staff and administrative personnel, and storage space for tobacco (in controlled temperature and humidity). Other requirements were the location of the main entrance on the corner nearest the parking areas and a covered area for off-street loading

of tractor-trailers directly connected to all three buildings. Finally, and perhaps most important, the building's exterior design must serve as a unifying element for the two existing dissimilar buildings, one erected in 1937, the other in 1942, while presenting a modern but restrained appearance for a large, progressive, and diversified international company. Minor changes to the existing buildings were permitted in order to strengthen the unity of the complex.

#### THE SOLUTION

The new building is a four-story steel-framed structure with masonry curtain walls containing 47,000 square feet and erected on caissons over the existing tanks and mechanical building (without interruption in service). Owing to the slope of the site, the ground floor is partly below grade. The ramped covered entrance (meeting requirements for handicapped persons) leads directly to a secured lobby, employee spaces, cafeteria, and elevators to offices. Floor elevations were set to meet those of the existing





buildings. Interior design and colors were determined by the owner's desire to provide a pleasing environment in which employees could take pride. Some of these features include a bright lobby with mirrored ceiling tiles, a colorful display for food in the serving line, cove lighting in a spacious cafeteria, and special patterns of paint in the locker areas.

A tunnel at the lowest street elevation provides truck access to all three structures.

The painted brick of the existing buildings is carried through on the exterior of the new building, as is the cast stone of one of the buildings. Because of the dissimilarity of the fenestration of the existing buildings, the new structure displays the horizontal bands of one with a recall of the single windows with segmental arches of the other. The horizontal openings of the new as well as those of one existing building are specially fabricated of bronze-tinted translucent block with bronze-glazed hopper vents to provide the desired diffused illumination, minimal heat gain, and humidity control. Thus, the scale, materials, texture, and fenestration of all three structures are consonant. Finally, the two adjacent buildings were repainted to match the new; electric service was placed underground; new sidewalks of brick were installed; and planting, including flowers, was introduced in specially designed spaces.

The building was completed in 1982 by the general contractor, J. Kennon Perrin Construction

Co., Inc., for a cost below the project budget of \$3,500,000.

J. Kennon Perrin Construction Co., Inc. of Richmond, the general contractor, also handled demolition and grading work.

#### SUBCONTRACTORS & SUPPLIERS

Crawford Exterminating Inc., Mechanicsville, termite control; E.G. Bowles Co., Richmond, asphalt paving; Lone Star Industries, Inc., Norfolk, concrete (ready mix); Bowker & Roden Inc., Richmond, reinforcing steel; Economy Cast Stone Co., Richmond, precast; Southern Brick Contractors Inc., Richmond, masonry; Lynchburg Steel Co., Inc., Monroe, structural steel; TMS Builders Supply, Richmond, millwork & wood doors; Richmond Primoid Inc., Richmond, waterproofing; G.T. Duke Insulation Co., Inc., Richmond, insulation; Higgins Roofing Company, roofing, flashing & roof accessories; E.S. Chappell & Son Inc., Richmond, joint sealers; J.S. Archer Co., Inc., Richmond, steel door & frames, overhead doors & special doors; Roanoke Engineering Sales Co., Inc., Richmond, folding partitions & toilet accessories; American Door & Glass Inc., Richmond, sliding glass doors, aluminum entrance, glass & glazing; Pleasants Hardware, Richmond, finish hardware; and Kalwall Corp., panel unit wall.

Also, A. Bertozzi, Inc., Richmond, gypsum dry-wall; Bragg & Francis Tile & Marble, Inc., Richmond, tile; Manson & Utley, Inc., Charlottesville,



acoustic ceiling & resilient flooring; Colonial Carpet & Installation Inc., Richmond, carpeting; R.D.C., Inc. of Virginia, Richmond, painting & wallcovering; James G. Thayer Company, toilet partitions; Virginia Engineering Sales Co., Richmond, louvers & vents; John G. Kolbe, Inc., Richmond, food service equipment; Dover Elevator Company, Greensboro, NC, elevators; Capital Mechanical Contractors Inc., Richmond, HVAC & plumbing; Wes-Way Sprinkler Company, Inc., Mechanicsville, sprinkler; and Northside Electric Company, Richmond, electrical.

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# Market Place

William A. Edgerton, AIA & Associates — Architects

Location: Charlottesville

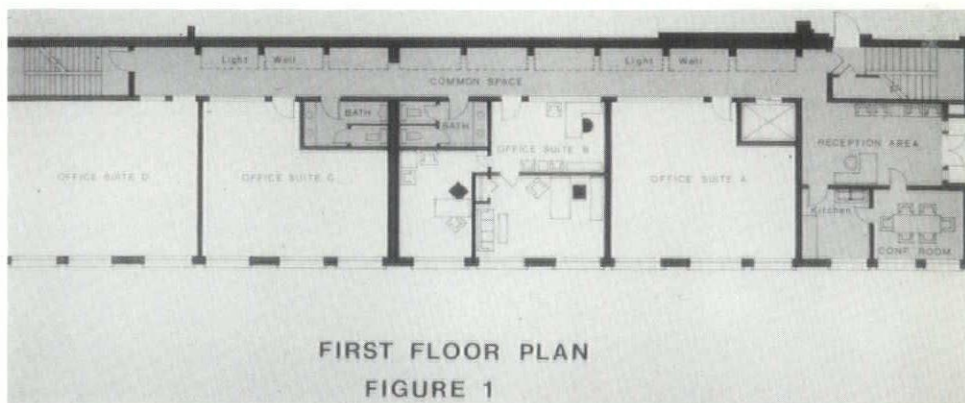
**Project Architect/Designer, W. A. Edgerton, AIA • Structural Engineer, Dunbar, Milby & Williams • Mechanical/Electrical Engineer, Systems II • Geotechnical Engineer, E. O. Gooch • General Contractor, R. E. Lee & Son, Inc. • Photography, William A. Edgerton, AIA.**

Market Place is an office building in the historic district of downtown Charlottesville. The building has had a varied history as a livery, automobile dealership, and most recently the zoning and planning offices for the County of Albemarle. The entire interior of the existing building was gutted and a linear plan was developed (see Figure #1).

The most unique architectural elements in the existing building were the arched 10-foot-high windows. They were replaced with solid panes of insulating glass and ceiling heights were set to expose these arches on the interior.

The interior corridor is lit by nine skylights oriented on a north/south axis that have movable insulated shutters to allow the benefit of direct solar gain in the winter, or indirect northern light during the summer months. The shutters are adjusted manually twice a year at the beginning of the heating and cooling seasons.

No other heating or cooling is needed in this corridor space, and the benefits are transferred



BEFORE





to the first floor by nine light wells. The office suites all have glass partitions adjoining this corridor to allow for the use of "daylighting" to reduce internal lighting needs and to create the sense of an "office street."

The plan (see figure #1) allows for nine separate office suites (four on the first floor and five on the second floor). These suites share a common reception area, conference room, kitchenette and bathrooms. All office suites pay proportionately for the use of these shared spaces, and the salary of the receptionist who mans a central telephone system; pre-wired to each office suite.

R.E. Lee & Son Inc. of Charlottesville was general contractor and handled carpentry.

#### SUBCONTRACTORS & SUPPLIERS

(Charlottesville firms unless noted)

Allied Concrete Co., concrete supplier; Luck Quarries, Inc., stonework supplier; Associated Steel Products, Inc., steel supplier & miscellaneous metal; Certified Welding Service, Inc., steel erection; E.M. Martin, Inc., built-up roof; Better Living, Inc., handrails, millwork, wood doors, painting contractor & paint supplier; Trus Joist Corp., Midlothian, structural wood; Glass & Metals, Inc., Harrisonburg, glass, glazing con-

tractor & windows; Architectural Hardware, Inc., Richmond, metal doors & frames & hardware supplier; Service Contracting of Virginia, Inc., Christiansburg, gypsum board contractor; Farrel Hensley Tile Contractor, Harrisonburg, ceramic tile; The Ceiling & Floor Shop, acoustical treatment; Floor Fashions of Virginia, Inc., carpet & special flooring; Barranger & Co., Inc., Richmond, specialties; Dover Elevator Co., Richmond, elevator; Lowe Mechanical, Inc., plumbing/heating/ventilating/air conditioning contractor; W.E. Brown, Inc., electrical contractor; and Charlottesville Glass & Mirror Corp., skylights.

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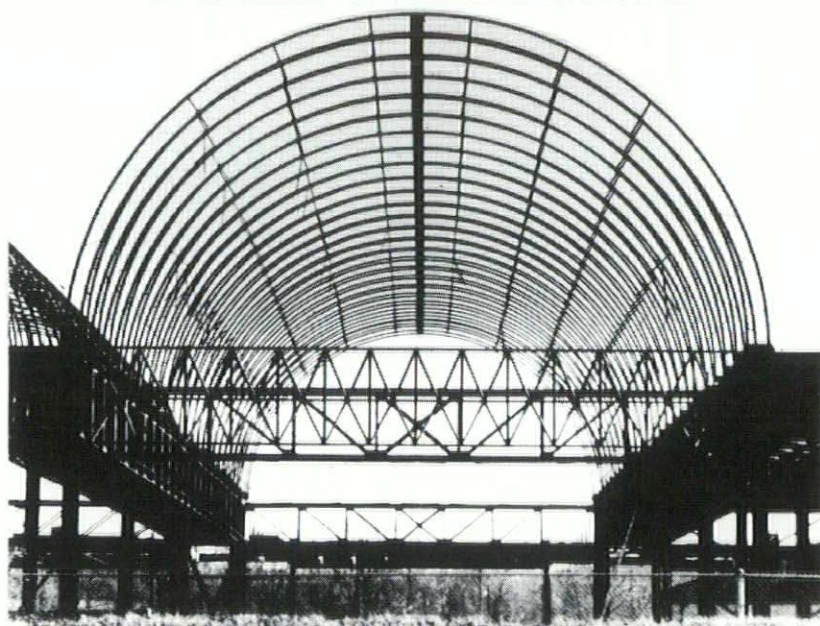
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# Western Termite & Pest Control

## The Design Collaborative/Laszlo Aranyi, AIA — Architect

**Branch Office • Location: Virginia Beach**

**Project Architect/Designer, Richard J. Fitts, AIA • Landscape Architect, Thomas J. Steele & Associates • Site Engineer/Surveyor, C. Allan Bamforth, Jr. • Structural Engineer, Stroud-Pence & Associates Ltd. • Mechanical/Electrical Engineer, Farley Engineering, P.C. • Geotechnical Engineer, ATEC Associates, Inc. • General Contractor, L. J. Hoy, Inc.**

Western Termite and Pest Control maintains offices throughout the Mid-Atlantic states and has been providing pest control for homes and businesses since 1928. The nature of their business is not conducive to walk-in traffic, so a visible site and high-quality buildings are important to help establish their presence in a community.

The new building features passive solar design and natural daylighting. It is expected to save 30-50% on energy bills. The new site houses approximately 20 employees and contains 3,200 square feet of offices and storage space.

Situated on a corner lot on a main thoroughfare—Virginia Beach Boulevard and Ash Avenue—the new office building is a standing testimonial to the success and efficiency of the company.

A facade of white concrete masonry units of varying sizes wraps the L-shaped building with three curved corners. Having the appearance of rough stone, the pattern created by the changing sizes and textures gives the building curb appeal and visual interest. Curving the three corners of the building produces a lengthening effect to the one-story structure. A slanted, copper-colored roof on the clerestory adds a vertical focal point to the exterior.

The entrance to the building is from the parking lot on the south side. Double-glazed south-facing windows bring natural daylighting into the offices located on the south side and clerestories bring light to the work space located on the north side. An air-lock entryway with two sets of doors insulates against unwanted heat loss or heat gain.

Direct solar gain will provide space heating during the sunny days of winter when the low-angled sun comes through the south-facing windows. Overhangs designed to block out high-angled summer rays provide natural shading to all the windows. Operable windows allow for natural ventilation during temperate days.

Realizing the need for ample storage space, the architect designed a length of closets down a long hallway accessible through a series of louvered wood doors. Chemical storage is confined to a specially designed concrete warehouse area with security fencing and special ventilating fans with automatic safety sensors. A meeting room and staff training facility containing a small kitchen serves many purposes.

During daylight hours, the building operates entirely on natural daylight, with no artificial light required.

L.J. Hoy, Inc. of Norfolk was general contractor.

### SUBCONTRACTORS & SUPPLIERS

W.L. Birsch, Chesapeake, Bel-Ty Utilities, Virginia Beach & Rae Construction Co., Norfolk, site work; Sadler Materials Corp., Norfolk, concrete contractor; Virginia Masonry Inc., Chesapeake, masonry supplier; Barnum-Bruns Iron Works Inc., Chesapeake, steel supplier; Sound Structures Inc., Richmond, USS joists; National Roofing Corp., Chesapeake, roofing; Colonial Insulation Inc., Norfolk, insulation; Powell-McClellan Lumber Co., Inc., Norfolk, millwork; Kitchen Towne Distributors Inc., Norfolk, cabinets; Sureguard Waterproofing Inc., Virginia Beach, waterproofing; and Seaboard Building Supply Co., Virginia Beach, hollow metal & accessories.

Also, Colonial Insulation Inc., Virginia Beach, windows; Girard Construction Inc., Virginia Beach, ceramic tile; Ferrell Linoleum & Tile Co., Inc., Norfolk, acoustical treatment; Ceramic Tile of Florida Inc., Virginia Beach, carpet; David R. Beck, Norfolk, painting contractor; A & M Plumbing, Norfolk, plumbing contractor; Bay Harbour Mechanical Ltd., Virginia Beach, heating/ventilating/air conditioning contractor; James W. Combs Electrical, Chesapeake, electrical contractor; Chesapeake Door & Hardware Company, Chesapeake, hardware; Tidewater Plastering and Drywall Inc., Virginia Beach, drywall & Dryvit; Door Engineering Corp., Norfolk, toilet partitions & dock bumpers; Anchor Fence Div., Anchor Post Products, Inc., Virginia Beach, mesh partitions; and Hubbard Brothers Co., Norfolk, blinds.







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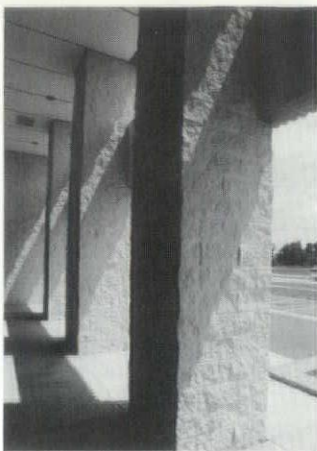


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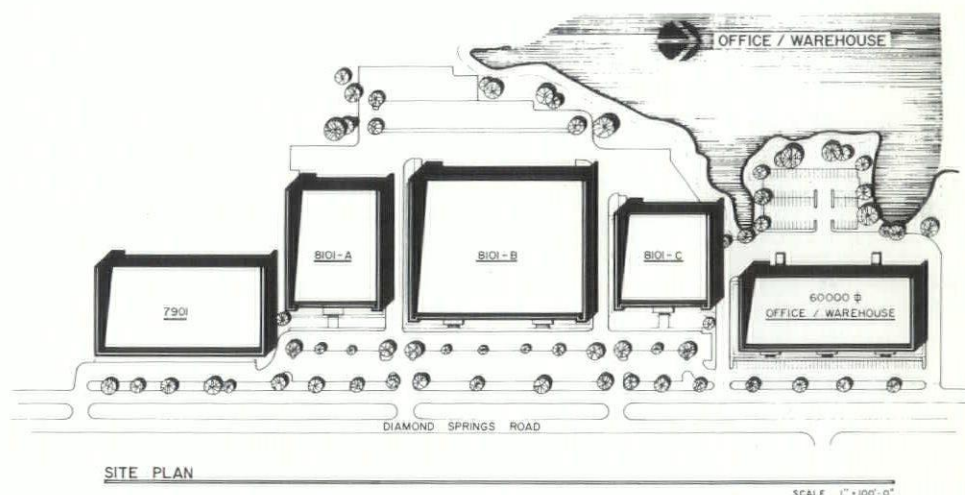


## Armada/Hoffler Company

### Krummell & Jackson Associates, P.C. — Architect

Office/Warehouse Facility • Location: Virginia Beach

Mechanical/Electrical Engineer, Old Dominion Engineering, Inc. • Structural Engineer, Fraioli-Blum-Yesselman Assoc., Inc. • Civil Engineer, Wilfred P. Large • General Contractor, Cross Construction Corp. • Photography, Joel Becker.



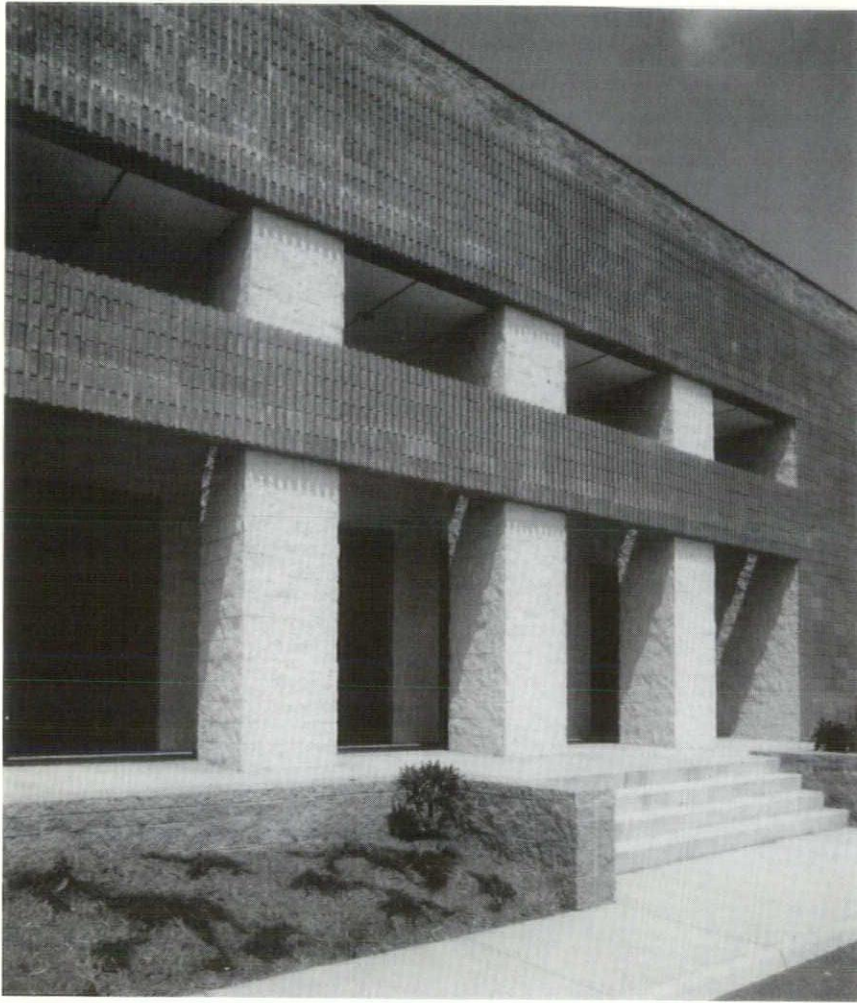
Located in the Airport Industrial Park, Diamond Springs Road, Virginia Beach, this 60,000 square foot office/warehouse is the fifth building of an existing Armada/Hoffler Company office/industrial complex.

The site was purchased next to an existing four building complex. The client requested that the office/warehouse facility be designed to be a part of the existing complex. Through site planning, a symmetrical look was given to the complex by bringing the office/warehouse facility closer to Diamond Springs Road. (See site plan.) To make the fifth building blend with the existing buildings, similar masonry materials were utilized.

Leasable space within the facility is designed to be flexible. For example, the office/warehouse can accommodate either one tenant at 60,000 square feet or six tenants with 10,000 square feet each. Or, depending on individual tenant







space requirements, it may be subdivided into various spaces at 10,000 square foot increments.

Cross Construction Corp. of Chesapeake was general contractor.

#### SUBCONTRACTORS & SUPPLIERS

Higgerson-Buchanan Inc., Chesapeake, excavating; Portsmouth Paving Corp., Portsmouth, paving contractor; Sadler Material Corp., Virginia Beach, concrete contractor; Hall-Hodges Co., Inc., Norfolk, reinforcing; Snow Jr. & King, Norfolk, masonry supplier; Tidewater Steel Co., Inc., Norfolk, steel supplier & steel erection; John Houck Co., Richmond, steel joists & steel roof deck; Smith-Gerloff, Chesapeake, waterproofing & painting contractor; and K & P Caulking & Window Cleaning Co., Portsmouth, caulking.

Also J.D. Miles & Sons, Inc., Chesapeake, roofing; Mid-Atlantic Supply Inc. of Virginia, glass & storefront; Door Engineering Corp., Norfolk, metal doors & frames & hardware supplier; Tidewater Plastering & Drywall Inc., Virginia Beach, gypsum board contractor; Bay Tile & Carpet Co., Portsmouth, carpet; Dagenhart Sprinkler Co., Norfolk, sprinkler contractor; Byler Plumbing Co., Virginia Beach, plumbing contractor; Aircon Ltd., Chesapeake, heating & ventilating contractor; L.E. Ballance Electrical Service Inc., Chesapeake, electrical contractor.

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## BuildAmerica No. 7

### Beery, Rio & Associates — Architect

**Location:** Bailey's Crossroads

**Project Architect,** Whitney L. Wagner • **Mechanical Engineer,** W. H. Metcalfe & Sons, Inc. • **Electrical Engineer,** Bee & H. Electric • **Structural Engineer,** Advance Engineers • **Owner/Developer,** BuildAmerica at Skyline, Inc./John Pflug, President • **General Contractor,** Edsall Corp.

#### PROGRAM

It was the desire of the owner/developer to redesign the facade of the already established warehouse/office complexes to project an image that would attract a predominantly retail user. Moreover, the program called for them to keep with the established floor and core plans and to incorporate the colors, textures and materials adopted by previous BuildAmerica complexes.

#### SITE

The 4.42 acre site is located adjacent to the Skyline Towers Apartments in a transitional district between the commercial and residential areas of Bailey's Crossroads in Northern Virginia. The major artery, S. George Mason Drive, parallels the long northern side and curves southward along the western side of the narrow site.

#### SOLUTION

The complex consists of two buildings comprised of 11 individual bays each. Offices are housed in two two-story bays at each end that anchor the center retail bays which playfully

project, recede and step along the slope of the site. The entire complex has the possibility of housing 60 individual users in 72, 192 sq. ft. gross area.

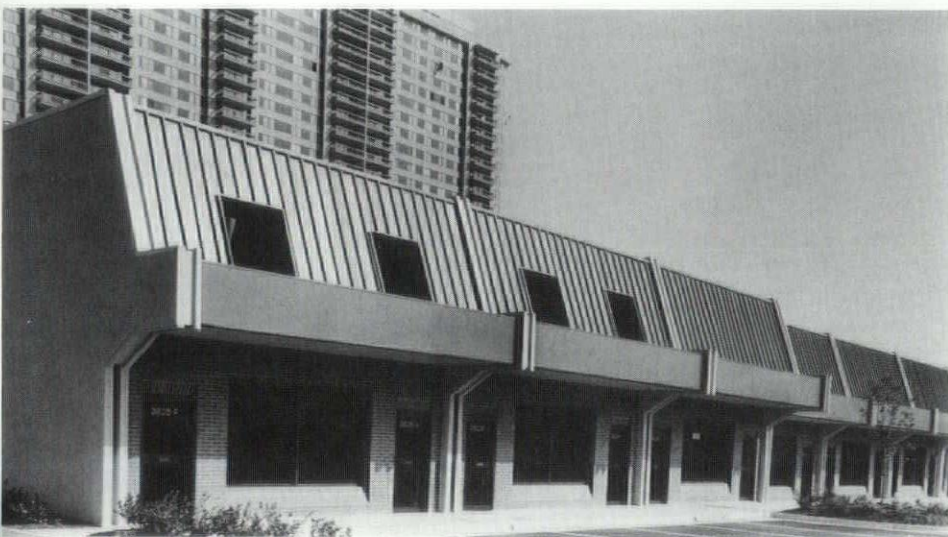
As in previous BuildAmerica projects the materials used were brick, storefront and stucco. The party walls expressed in white stucco serve as a strong visual accent, identifying each individual bay by framing each unit facade and sign. Flat stucco walls with small punched windows clearly define the ends of the buildings and further differentiate the office from retail space. The addition to this project is the introduction of a cantilevered bronze aluminum standing seam fascia which provides a covered walk while unifying the building as a whole. The lively use of bold orange lettering for building and project signs, which has been a trademark of BuildAmerica, further unifies the present project.

By adding a new element compatible to the standard materials, textures and color of previous projects, BuildAmerica at Skyline projects a fresh contemporary image while keeping the identifying elements of all BuildAmerica projects.

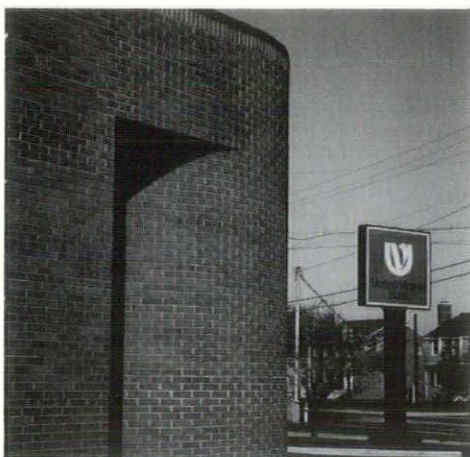
Edsall Corp. of Alexandria, was general contractor.

#### SUBCONTRACTORS & SUPPLIERS

J. Byron Landscaping, Oakton; landscaping; Faught Construction Co., Inc., Woodbridge, paving contractor; J.D. Long Construction Co., Inc., Springfield, concrete contractor & carpentry; L & G Masonry Inc., Springfield, masonry contractor; C & S Roofing & Sheet Metal Co., Inc., Lorton, built-up roof; Montgomery Erection Inc., Rockville, MD, metal doors & frames & windows; Woodbridge Glass Co., Inc., Woodbridge, storefront; Fairfax Tile Co., Fairfax, ceramic tile; Williams Decorating, Marlboro, MD, painting contractor; Mt. Vernon Plumbing & Heating Co., Inc., Alexandria, plumbing contractor; William H. Metcalfe & Sons, Inc., Clinton, MD, heating/air conditioning contractor; Bee & H Electric Co., Fairfax, electrical contractor.







# United Virginia Bank

## Helbing Lipp, Ltd. — Architects

**Branch, Additions and Renovation • Location: McLean**

**Landscape Architect, Donald A. Nesmith • Interior Design, United Virginia Bank • General Contractor, E. H. Glover, Inc. • Photography, David A. Lipp.**

### SITE DESCRIPTION

The site has a total of 361 L.F. of frontage on two of the most prominent streets in McLean; Dolley Madison Boulevard (Rt. 123) and Chain Bridge Road. The structure fronts on both of these roads and faces east. The rear of the property (west) is screened from the adjoining residential development by mature rows of evergreen trees. The south side of the property abuts an existing commercial strip shopping center.

The existing building was sited in the middle of the property, with circulation on all sides and parking utilizing the majority of the remaining area.

### OWNER'S PROGRAM

The program called for the renovation and expansion of a 6981 S.F. structure, designed in 1957 as a neighborhood branch bank. Over the years the services and clientele of this branch increased so dramatically that the present structure was inadequate. The surrounding community had grown up around the bank leaving it "dated" in its appearance.

The owner felt that since this was one of their highest volume branches serving a very affluent clientele, and located on a highly visible and prominent corner, it was time to expand and modernize this branch. They wanted a unique building, one that would utilize the existing structure to the greatest extent possible, and one that would transform its present outdated

appearance into a modern architectural statement. Program requirements were as follows:

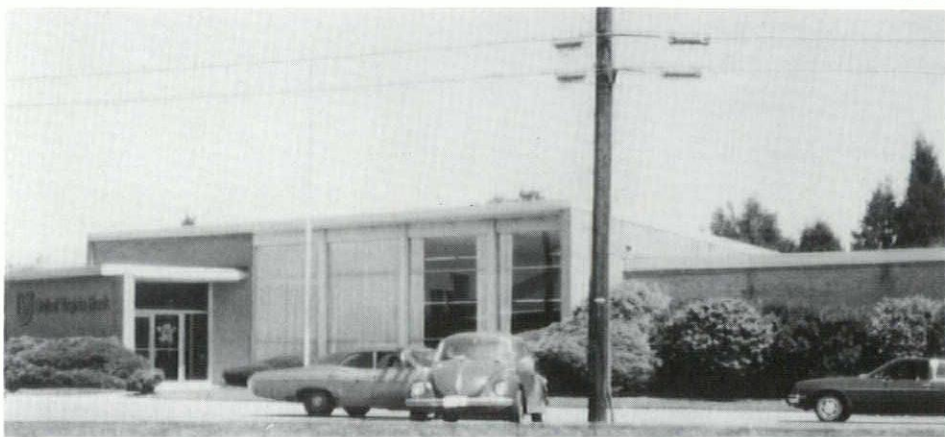
- Bank had to stay in operation
- Four private offices
- Conference room
- Automatic teller machine area
- Increased vault space
- Increased parking
- Handicapped provisions
- Modernized interior

### DESIGN SOLUTION

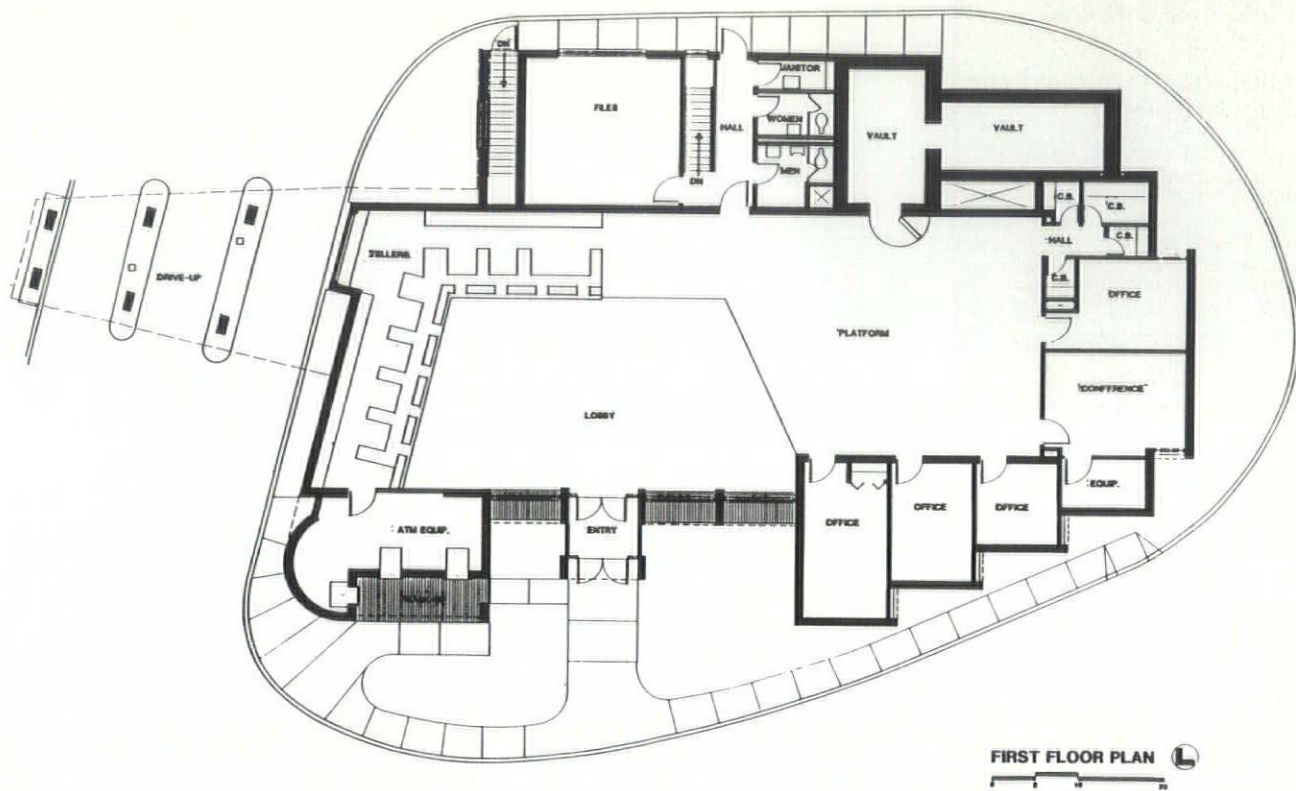
A 1452 SF addition and face lift was designed to blend into the existing structure and at the same time update the appearance to a modern banking facility. The main entry was shifted from its existing corner location, to one more central to the lobby. The automatic teller machines were located on the most prominent corner for maximum visibility and user accessibility.

*(Continued)*

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The saw-tooth design of the offices evolved as a result of existing site constraints in this area of expansion, mainly the need to maintain existing vehicular travel lane distance along this side of the building. The rhythm of this saw-tooth spacing was subtly repeated in the spacing of piers across the lobby front.

An addition to the existing vault was designed to save the cost of a second door. Employee parking was reworked in the northeast corner of the site with a net increase of eight spaces.

Consideration was given to conserving energy in the design by the use of the following materials and techniques:

- Additional roof insulation
- Single ply white roofing
- Tinted insulated glazing
- Window size and placement
- Zoned HVAC heat pump systems
- Front entry vestibule

#### COST DATA

Project Budget: \$390,000.00

Final Cost: \$364,000.00

E. H. Glover, Inc., Fairfax, was general contractor and handled sodding, seeding, etc., foundations, concrete work, masonry work, stonework and carpentry.

#### SUBCONTRACTORS & SUPPLIERS

O'Meara Construction Corp., Manassas, excavating; No. Virginia Nursery, Nokesville, landscaping & landscaping contractor; Newton Asphalt Co., Inc. of Virginia, Alexandria, paving contractor; Bocker Steel Co., Baltimore, MD, reinforcing; Va. Concrete Co., Inc., Springfield, concrete supplier; Borden Brick & Tile Co., Durham, NC, masonry manufacturer; L.C. Smith, Inc., Alexandria, masonry supplier; Riverton Corp., Riverton, mortar; Architectural Stone Co., Annapolis, MD, stonework supplier; Arlington Iron Works Inc., Manassas, steel supplier, steel erection/joists/roof deck & miscellaneous metal; Tart Lumber & Hardware Co., Inc., Sterling, millwork & wood doors; and American Capitol Contracting, Crownsville, MD, caulking, painting contractor & wall covering (vinyl).

Also, Davenport Insulation, Inc., Springfield, roofing, roof insulation, wall insulation & sheet metal; Allen Glass Co., Inc., Alexandria, glass, glazing contractor, windows & storefront; Yeatman Hardware, Clinton, MD, metal doors & frames; Salisbury Steel Products Inc., Springfield, hardware suppliers; Dodd Bros. Inc., Falls Church, plaster contractor & gypsum board contractor; Acoustical Ceilings, Inc., Fairfax, acoustical treatment & special wall finish (acoustic); Southern Floors & Acoustics, Inc., Manassas, resilient tile & special flooring (wood); Michael E. Cochran Plumbing & Heating, Inc., Clinton, MD, plumbing contractor; W.T. Imlay Co., Merrifield, heating contractor; Interstate Electric, Fairfax, lighting fixtures supplier; and Rush Electric Co., Inc., Alexandria, electrical contractor.



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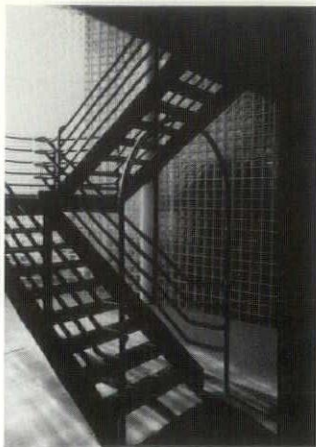
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## Engineering Science, Inc.

Ward/Hall Associates, AIA — Architects

Office • Location: Oakton

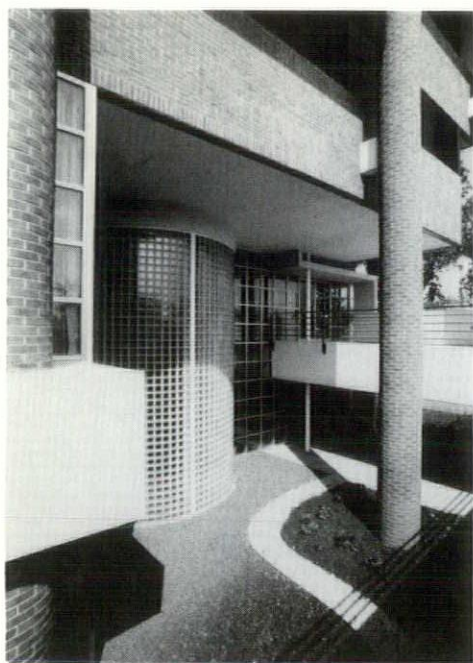
Associated/Consulting Architect, William R. Ballinger, Jr. • Site Engineer/Surveyor & Landscape Architect, Watkins & Vitale • Structural Engineer, Meyer & Associates • Mechanical/Electrical Engineer, Silver Associates • Geotechnical Engineer, Schnabel Engineering Associates • General Contractor, Scott-Long Construction, Inc. • Photography, Eric A. Taylor/Robert Rathe/Joseph Saunders.

(Saunders photo)





(Rathe photo)



#### PROJECT

A 65,000 square foot office building for a research company with provision for lab space and storage and handling of flammable liquid. The top floor of the building is designed as speculative office space for their future expansion.

#### PROGRAM

Major design goals included:

- A. Sensitive siting to retain the existing vegetation.
- B. Low building mass to maintain the scale of the area.
- C. Pleasant working environment for, employees in laboratories and offices.
- D. Clear definition of public and employee areas and entry points.

#### SITE

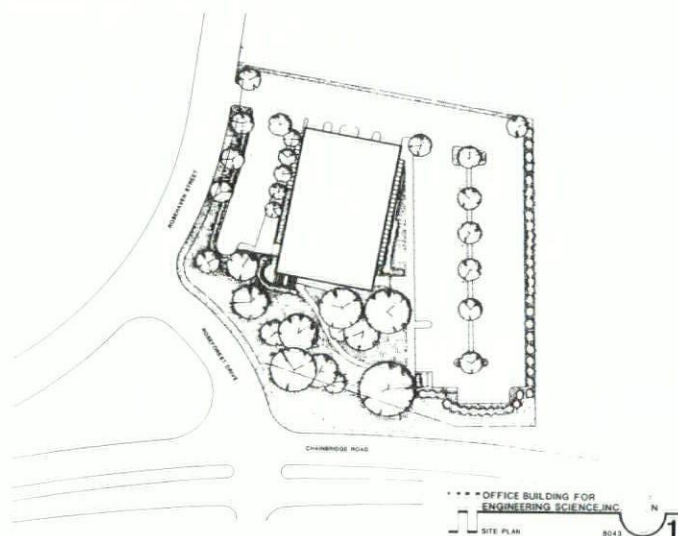
The site is suburban, bounded on the southeast by Chain Bridge Road, a busy local road and on the southwest by small side streets from which access to the site is provided. It is wooded with mature trees.

#### SOLUTION

The building is oriented to retain the mature trees, to provide a landscaped buffer from the busy Chain Bridge Road, and to organize the site into public and employee areas. The southwestern site area contains visitor parking and the visitors' entrance while the northeastern site area, on the other side of the building, is used for employee parking and entrance. The building is massed in three stories above grade and one earth-sheltered office/lab level. This reduces its effective visual mass allowing it to settle into the landscape as perceived from the major vehicular approach from the south. The earth-sheltered level achieves an energy savings by reducing the area of exterior wall exposed to thermal cycling.

Daylight is provided to perimeter offices at the subterranean level by use of sloped glazing overhead while the interior zone is well suited to lab work where control of light is important. In order to further enhance the office working environment of this level, the southern corner is carved away forming a sunken semi-private garden. Building mass above is also cut back at each level to maximize sun penetration into this garden and to create the appropriate scale to the visitors' entrance at grade level. A major vertical element, a glass block enclosed metal stair ties ground floor office area above with this lower office level and garden. The space is further articulated and enriched by a composition of elements (bridge, transparent gridded entry plane, retaining wall, canopy) which also works to define the visitors' entry spacial sequence.

The visitors' entry, focused on the southern corner, is comprised of a series of spaces passing over the bridge: uncovered exterior, covered exterior, exterior compressed by overhead canopy, and finally interior after passing through the glazed gridded entry plane. From the bridge, the visitor can view the semi-private garden below but has no direct access to it. The employee entry (from the opposite side) passes through a similar sequence of spaces and pene-



(Taylor photo)





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brates a solid entry plane to enter the same public lobby. Direct access to the sunken garden and lower level offices is provided from the employee side of the building.

The project combines a rich variety of spaces for employees and visitors alike. It was completed in 1982 meeting a budget of \$3.4 million.

Scott-Long Construction, Inc. of Fairfax was general contractor and handled carpentry and structural wood.

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### SUBCONTRACTORS & SUPPLIERS

Price Excavating Co., Fairfax, excavating; Bennett's Nursery, Inc., Vienna, landscaping materials & landscaping contractor; Superior Paving Corp., Centreville, paving contractor; Todd Construction Co., Inc., Fairfax, concrete contractor; Trowbridge Steel Co., Inc., Sterling, reinforcing; Virginia Concrete Co., Inc., Springfield, concrete supplier; Tricorp, Inc., Fairfax, masonry contractor; Pittsburgh Corning Co., Pittsburgh, PA, masonry manufacturer; Arlington Iron Works, Inc., Manassas, steel supplier/erection/joists/roof deck & other roof deck; Miscellaneous Metals, Inc., Frederick, MD, miscellaneous metal & handrails; Virginia Roofing Corp., Alexandria, roofing; Davenport Insulation, Inc., Springfield, wall insulation; Dale Lumber Co., Inc., Falls Church, millwork; Builders Hardware, Rockville, MD, cabinets; Prospect Enterprises, Inc., McLean, waterproofing; Wilcox Caulking Corp., Lorton, caulking; Airway Sheet Metal Co., Inc., Great Falls, sheet metal; Associated Glass Co., Inc., Fairfax, glass, glazing contractor & windows; American Steel Products Corp., Woodbridge, metal doors & frames; Lester's Hardware, Springfield, hardware supplier; Dominion Applicators, Inc., Falls Church, plaster contractor; Stevens Tile & Marble Co., Inc., Kensington, MD, ceramic tile & special flooring; Southern Floors & Acoustics, Inc., Manassas, resilient tile; Louis & Zinzi Carpets Ltd., Fairfax, carpet; Gemini Painting & Wallcovering, Inc., Upper Marlboro, Maryland, painting contractor & wall covering; General Elevator Co., Inc., Washington, DC, elevator; United Sprinkler Co., Inc., Alexandria, sprinkler contractor; Baco Co., Inc., Springfield, plumbing/heating/ventilating/air conditioning contractor; Pel-Bern Electric, Inc., Rockville, MD, electrical contractor.

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Millwork Contractors for the Office Building for Engineering Science, Inc., featured in this issue.



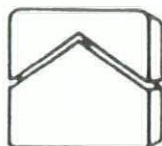
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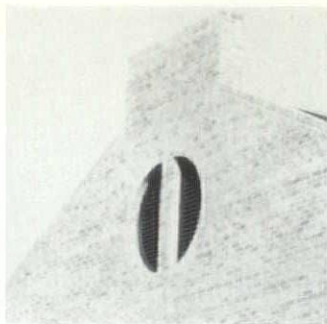
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# Evergreen Square Office Condominiums

**Brown, Donald, LeMay & Page — Architects**

(Formerly Brown & Page, Architects)

**Location: Annandale (Fairfax County)**

**Site Engineer/Surveyor, McLaughlin Ghent Assoc. • Structural Engineer, Uwe K. Hinz, P.E. • Mechanical/Electrical Engineer, Hurst & Associates • General Contractor, Eugene Simpson & Brother, Inc. • Photography, Fredde Lieberman/Douglas Brewer.**

Evergreen Square Office Condominiums are located within easy access to major area business centers and are surrounded by a high density residential population.

This project contains 34,000 sq. ft. of office space divided into three buildings of two- and three-stories in height. Both one- and two-story units are offered, ranging in size from approximately 1300 sq. ft. to 2616 sq. ft.

The building group, designed to complement the adjacent residential construction and still be identifiable as an office project, was terraced down the sloping site and a landscaped courtyard was created to which many of the units are oriented. Each office unit is provided with a separate exterior entrance. Arrangement of the entries allows the expansion of the office space horizontally and/or vertically giving the developer added flexibility to meet the needs of potential purchasers.

A structural framework of exterior masonry bearing walls and posts supporting composite wood beams was used in conjunction with prefabricated wood floor and roof trusses as part of the program to utilize standard building materials and construction details. Individually controlled energy efficient electric heat pumps were designed into each office module to provide maximum environmental control. In addition to the heat pumps, operable thermal glazed windows were provided to take advantage of mild climatic conditions in both the spring and fall months.

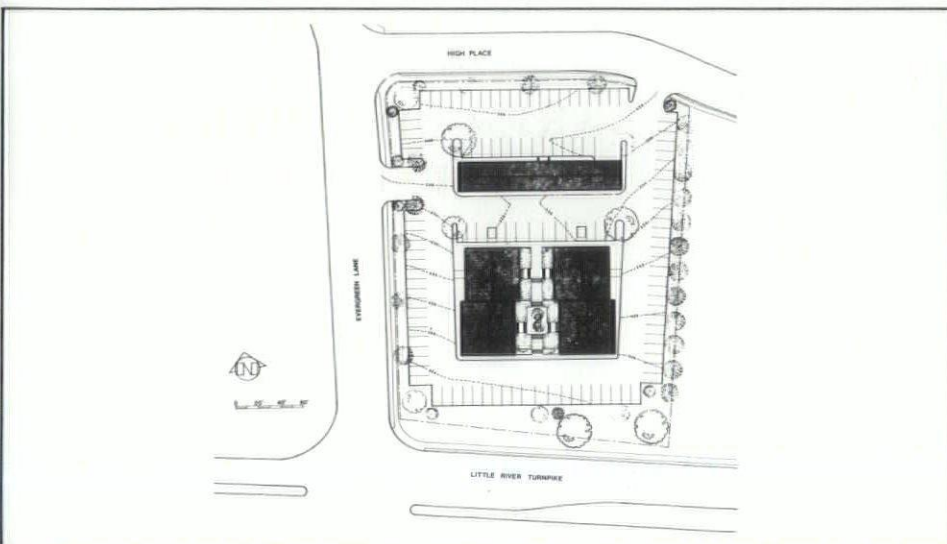
Eugene Simpson & Brother, Inc. of Alexandria was general contractor.

## SUBCONTRACTORS & SUPPLIERS

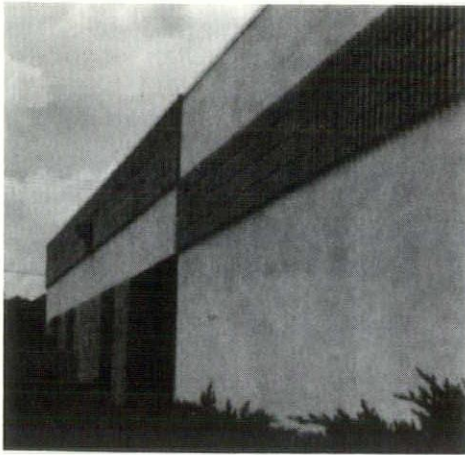
Allen Glass Co., Inc., Alexandria, glass & glazing; Allstate Components Corp., Spotsylvania, floor & roof trusses; Russell L. Barton Drywall & Plastering Inc., Vienna, drywall & plastering; Beacon Masonry Corp., Springfield, masonry work; Commercial Painting Inc., Oxon Hill, MD, painting; Contractors Termite & Pest Control, Inc., Vienna, termite protection; Country Pride Cleaning Service, Inc., Purcellville, job cleaning; Decorative Rugs & Carpets, Alexandria, install carpet & VAT; Dwyer Service Corp., Alexandria,

A/C; William B. Hopke Co., Inc., Alexandria, sanitary sewers; F.W. Harris Inc., Annandale, plumbing work; Davenport Insulation, Inc., Springfield, insulation; Mid-South Building Supply, Springfield, vanity tops; Webb Hardware, Fairfax, hardware & bath accessories; Quality Electric Service, Inc., Arlington, electrical; Knight Lumber, framing; Tonstad Caulking Co., Inc., Alexandria, caulking; Virginia Roofing Corp., Alexandria, gutters & downspouts; F. Bowie Smith & Son, Inc., Baltimore, MD, railroad tiles; Architectural Components, Rockville, MD, Johns-Manville "Stonehenge"; and Master Roofing & Siding Inc., Alexandria, asphalt shingles.

Also, Newton Asphalt Co. of Virginia, Inc., Alexandria, asphalt paving; Stevens Construction, Annandale, carpentry; Southern Iron Works, Inc., Springfield, structural steel; Trowbridge Steel Co., Inc., Leesburg, reinforcing bars; Waddell Construction Co., Inc., Alexandria, building concrete work; Hall & Lee Construction, Inc., Washington, DC, labor, forms, curing compound & expansion joints; Hallmark Iron Works, Inc., Newington, miscellaneous metals; Eastern Stair Builders of Md., Inc., Laurel, MD, stairs; Barber & Ross Co., Leesburg, wood doors, millwork, hollow metal frames & steel front door; and Kenfair Manufacturing Co., Alexandria, blinds.







## T. O. Williams Meat Packing Facility

### Talbot & Associates, Ltd. — Architect

**Location:** Portsmouth

**Project Architect/Designer, T. L. Ainscough, Sr. • Structural Engineer, Stroud, Pence & Associates, Ltd. • Mechanical Engineer, Avant Engineering • Electrical Engineer, Farley Engineering • Geotechnical Engineer, ATEC Associates of Va., Inc. • General Contractor, S. R. International, Inc. • Photography, T. L. Ainscough.**

Fragrant sausage and hot flaky biscuits. Grilled wieners on a toasted bun. Today's lunch menu—no. Just thoughts as one passes through T. O. Williams Meat Products Plant in Portsmouth.

The owner of the company had a problem. His building was in the way of tunnel improvements, and he had to be out rather quickly. The old facility when built was modern for its time, but changes in technology and a growing business made a new building necessary.

The client needed a new building very quickly and a relatively new concept was used to produce the plant. The design/construct or design/build concept offers a client all necessary professional services, supervision, labor, materials, and equipment to complete construction of a new facility at a stipulated contract sum.

S. R. International, Inc. offered these services including removal from existing plant and relocation into the new, while the architect provided the design and engineering services. The combination of construction techniques, detailed planning, and plant processing knowledge allowed them to reduce the square footage of the new building by 50% less than the old building, and to increase productivity at the same time.

Another technique used to solve the time problem was a fast track design method, a process by which you contract out portions of work prior to completion of final design, for example, site or foundation work and major equipment purchases. The design time for the project stays the same, but construction time is cut. This technique is not applicable in all construction, but works very well in projects where decisions are made early and held to, and where there has been extensive and thorough preliminary planning.

The client opened his new 13,600 s.f. facility in August 1982.

S.R. International Inc. of Virginia Beach was general contractor and handled excavating, paving, foundations, steel erection and painting.

#### SUBCONTRACTORS & SUPPLIERS

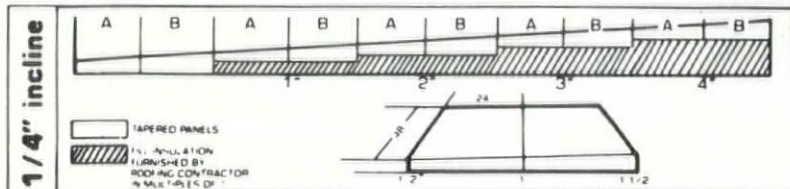
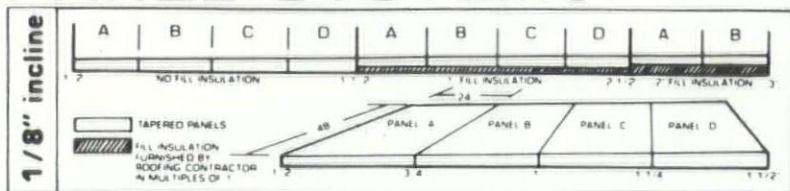
Welch Pile Driving Corp., Virginia Beach, piling; Winn Nursery, Inc., Norfolk, landscaping materials; R.J. Kehl Landscaping Contractor, Chesapeake, landscaping contractor; JJ & A Concrete Contractors, Inc., Chesapeake, concrete contractor; Eastman Corp., Virginia Beach, masonry contractor; Jones & Frank, Norfolk, miscellaneous metal; B & J Roofing & Home Improvement, Chesapeake, roofing; Virginia-Carolina Steel, Inc., Norfolk, handrails; Wenger Tile & Plastering Co., Inc., Norfolk, waterproofing; Sonneborn, Minneapolis, MN, caulking; Door Engineering Corp., Norfolk, metal doors & frames & wood doors; Batchelder & Collins, Inc., Norfolk, gypsum board contractor; Stonhard, Inc., Maple Shade, NJ, special flooring; C.E. Thurston & Sons, Inc., Richmond, special wall finish.

Also, Bodner & Manuel, Inc., Norfolk, specialties; J.R. Helton Plumbing, Virginia Beach, plumbing contractor; C & P Air Conditioning Corp., Norfolk, heating/ventilating/air conditioning contractor; Arc Electric Inc., Chesapeake, electrical contractor.



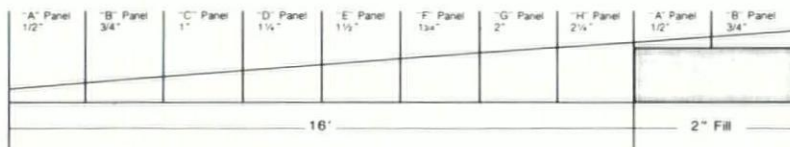


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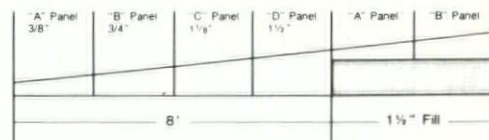
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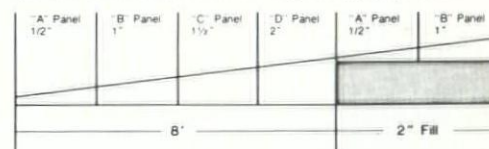
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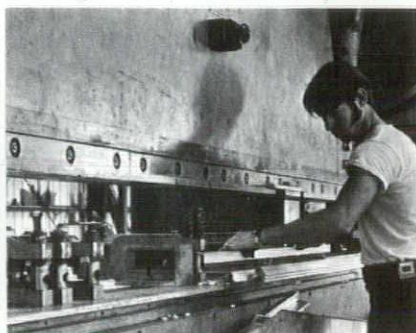
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## In Those Quiet Times . . .

by Ralph Snell, AIA

In those quiet times between projects, say from 1977 to 1982, architects' thoughts turn to two things: brochures and logos.

The premier prerequisite for any architectural firm is to have a logo. It sets the mood. Creates the image. In those quiet times, new images are sought. After all, if business is this bad it has to be because of our image. Let's have a new logo.

Some firms do it in-house. A partner doodles. Or a competition is held. Electric erasers are awarded.

Some firms hire graphic artists. The graphic artist probably doodles or holds an in-house competition. Graphic artists give away cash.

Logos almost always incorporate key letters from the firm's name. Lots of firms are known only by their letters. My firm, HTB, finally dumped all the meanings behind the letters (Hudgins, Thompson, and Ball—of course, the originators' names) and now is officially HTB. Not to be confused with HNTB. Or HOK. Or HDR. Personally, I think BLT is a little more memorable, and a lot more fulfilling.

Four friends of mine once thought they would go into business together. Their initials: SOMM. They thought that might be trademark infringement, or something like that, so they changed their name. To MOMS Architects. I can almost see the logo now. I'm sure it would incorporate an apple pie.

Well, it wasn't to be. The M's formed their own firm. M&M's. And SO hooked up with another S. That's right. SOS Architects. At least it wasn't a B.

The letters in logos usually end up all shoved together or somehow intertwined. Readability is not a hallmark of architects' logos.

Color is important. Though some still stick to black on white, and some went earthy with brown on tan—the frontline firms seem to be opting for red. Red is eye-grabbing, attention-getting, nominally artsy (without being offensively so) and respectfully flashy. It looks designed.

Once a logo is found, it turns up on everything from tee shirts to job signs. Wouldn't it be refreshing if it was readable?

And speaking of readable, have you ever read an architect's brochure?

I had the opportunity, a few years back, in a firm I was formerly associated with, to read a number of architects' brochures. It was research for that firm's new brochure. Yes, it was one of those quiet times.

In those quiet times, when architects' thoughts turn to brochures and logos they evidently also turn to something else: Philosophies of Design. Almost invariably, the opening pages of architects' brochures contain such intellectual bonbons. Little sweet nuggets of drivel. Or visions of interstellar space. Spaceship Earth in a cosmic opera.

Pictures are important in architects' brochures. Pictures of trees. Pictures of the sky. Pictures of vast landscapes or parking lots. And somewhere—way off in the distance—a building. Or way up close—a brick. Pictures

that conclusively prove the professional or amateur status of the photographer and say little about the building.

Pictures of people: the principals, key personnel, the receptionist. More of the receptionist. Pictures of all these people at work—frozen at a moment when everyone just happens to be dressed in three piece suits and is gathered around an unrolled set of drawings. Someone is pointing. Or pictures out on the job site. In the same three piece suit. And the same tie. Talking with the job superintendent, who is semi-successfully suppressing a barely visible smirk. Or pictures showing the principal at the desk of a young intern. Pointing. And smiling.

Of course, by the time the brochure is printed, half of those photographed have left the firm's employ. Architects' brochures get out of date fast.

Architects have tried to get around this with Flexible Formats. Pull-outs. Hand-outs. Plug-ins. Pockets. Inserts. Slip sheets. Attachments. All in an effort to keep up-to-date, to customize. Sometimes it works. Sometimes it falls on its face. Usually it falls on the floor.



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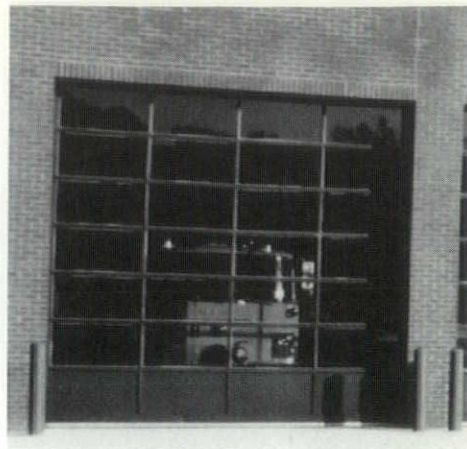


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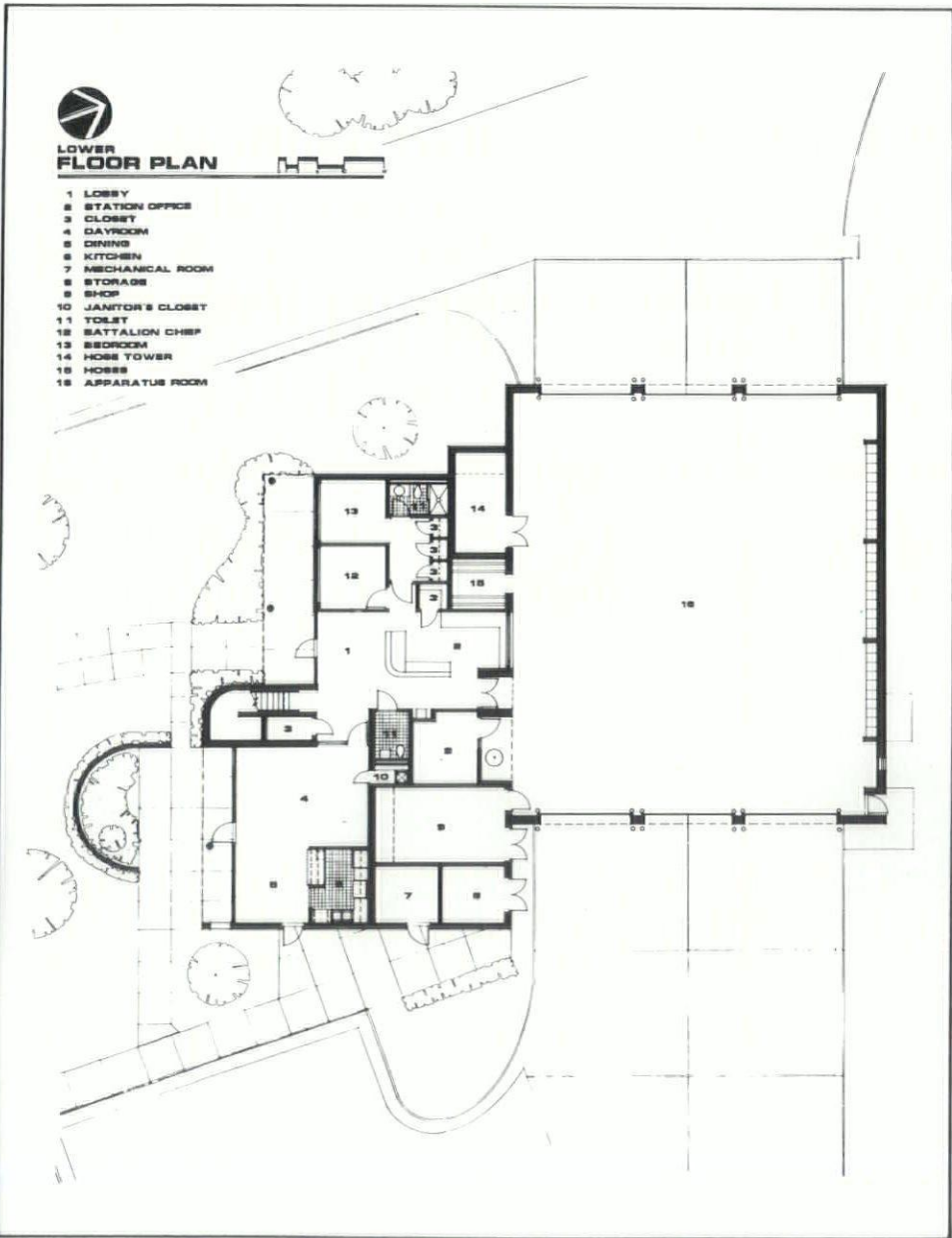
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# Buford Road Fire Station No. 9 Moseley-Hening Associates, Inc. — Architects



Location: Chesterfield County

Landscape Architect, Watkins Nurseries, Inc.  
 • Interior Design, Moseley-Hening Associates, Inc. • Structural Engineer, Robert H. Deaderick • Mechanical/Electrical Engineer, Southern Engineering, P.C. • General Contractor, G. E. Peterson General Contractor, Inc. • Photography, Moseley-Hening Associates, Inc.

As northern Chesterfield County grew rapidly in the 1970s, the need for improved fire protection became increasingly apparent. In order to meet this need, Chesterfield County engaged Moseley-Hening Associates, Inc. to design an up-to-date fire protection facility for the Bon Air area. The result is Fire Station No. 9, one of the first of the new stations designed for the County's new fulltime firemen's staff.

Design and site selection was started early in 1981. As planning progressed, input from the Chesterfield Fire Department staff played a major role in establishing design direction. Interviews with staff members helped to shape a building which is responsive to the particular program needs of the department. For example, the department prefers hose drying towers to electric dryers. They save on energy costs, and can double as a training feature. A 40-foot tower thus became the building's most prominent exterior feature.

The station is a two-story masonry bearing wall structure utilizing steel framing that features a double-height apparatus room. Upon entering the public lobby, a visitor's attention is focused immediately upon firefighting equipment viewed through a large window to the apparatus room that is beyond the reception-control counter. The trucks become an integral part of the architectural experience and the building is designed with as much open space as possible. Super graphics designed by the architects to provide





safety reminders to the staff are decorative and colorful as well.

The first floor dayroom and adjacent dining area offer a retreat for firefighters who are on duty for twenty-four (24) consecutive hours. They do their own cooking in the fully equipped kitchen. Since they spend so much of their time in the building, the firefighters appreciate the warm color palette of the interiors and the generous use of natural lighting.

The second floor houses a classroom used for training purposes, as well as bunkroom, lockers and toilets. Access to the apparatus room is gained with a quick slide down the traditional brass pole.

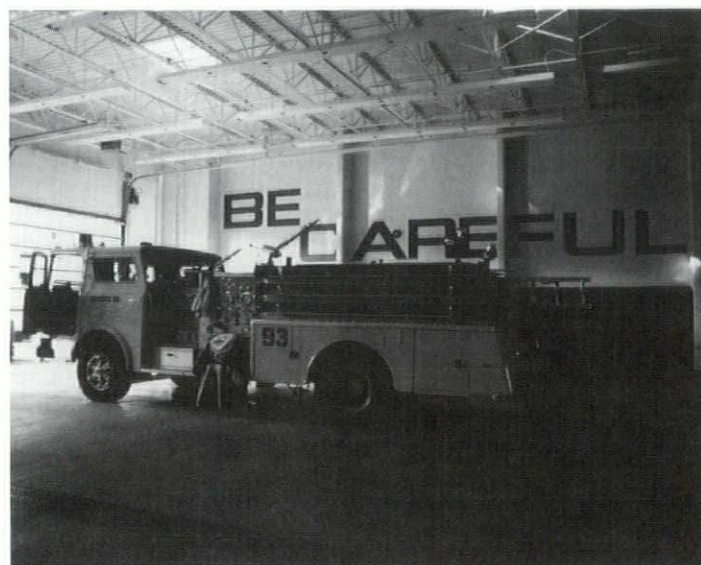
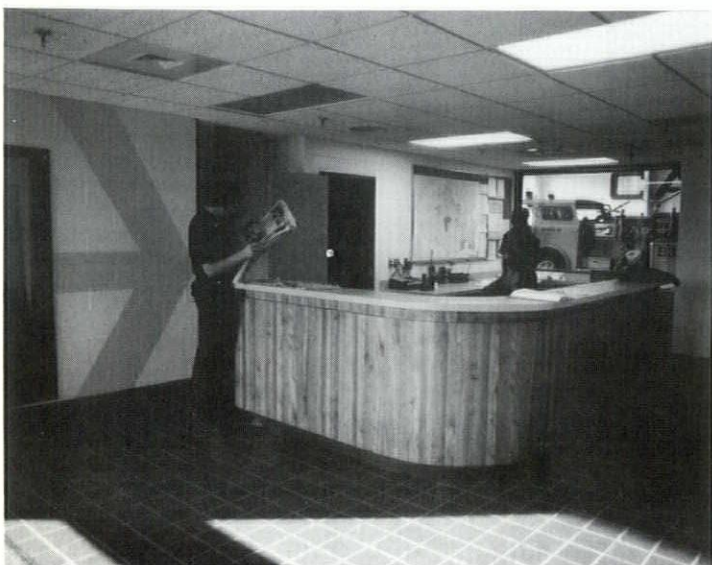
G.E. Peterson General Contractor, Inc. of Highland Springs was general contractor and handled Portland Cement concrete paving, concrete work, rough carpentry, slab perimeter insulation, fiberglass insulation and special flooring.

#### SUBCONTRACTORS & SUPPLIERS

Richmond Termite Company, Richmond, termite control; Sneed's Nursery & Garden Center, Richmond, landscape work; E.G. Bowles Company, Richmond, asphalt concrete paving; Triangle Plumbing & Heating, Inc., Richmond, sewer collection system & plumbing; F.G. Pruitt, Inc., Richmond, storm sewer; Southern Brick Contractors, Inc., Richmond, unit masonry, cavity wall & loose fill; Browning Steel Co., Inc., Richmond, structural steel, steel joists, metal decking, metal fabrications & miscellaneous sheet metal; TMS Builders Supply, Richmond, architectural woodwork & wood doors; A. Bertozzi, Inc., Richmond, fiberglass batts (in drywall partition & over drywall or plastered ceilings) & gypsum drywall; N.W. Martin & Brothers, Inc., Richmond, built-up roofing system, flashing & sheet metal, metal roofing & roof accessories; Commercial Caulking Co., Richmond, joint sealers; Roanoke Engineering & Sales Co., Inc., Richmond, steel doors & frames & toilet acces-

sories; J. S. Archer Co., Inc., Richmond, sectional overhead doors; Hope's Windows, Mechanicsville, steel windows; and Tom Jones Hardware Co., Inc., Richmond, builders hardware.

Also, Walker & LaBerge Co., Inc., Richmond, glass & glazing; B.R. Gery Tile & Marble Co., Richmond, tile; Manson & Utley, Inc., Richmond, acoustical ceilings, resilient flooring & carpeting; Commonwealth Painting & Decorating Co., Richmond, painting; J.H. Pence Co., Richmond, metal lockers; Bender's Venetian Blinds, Inc., Richmond, window treatment; Architectural Industrial Products Co.—Div. of Jefferds Corp., Richmond, motor operated hoists; Varina Refrigeration Service, Inc., Richmond, heating/ventilating/air conditioning contractor; Richmond Sprinkler Corp., Richmond, sprinkler system; Tolley Electrical Corp., Ashland, general provisions, basic materials & methods, standby generator, service & distribution, lighting & communications.







## Jessie Ball DuPont Memorial Library

### Interplan — Architect

Location: Stratford Hall Plantation, Westmoreland County

Project Architect, Robert W. Stewart, AIA • Landscape Architect, Griswold, Winters & Swain • Structural/Mechanical/Electrical Engineer, Harris, Norman & Giles • General Contractor, Taylor & Parrish, Inc. • Photography, Richard Cheek and Jakob Joffe.

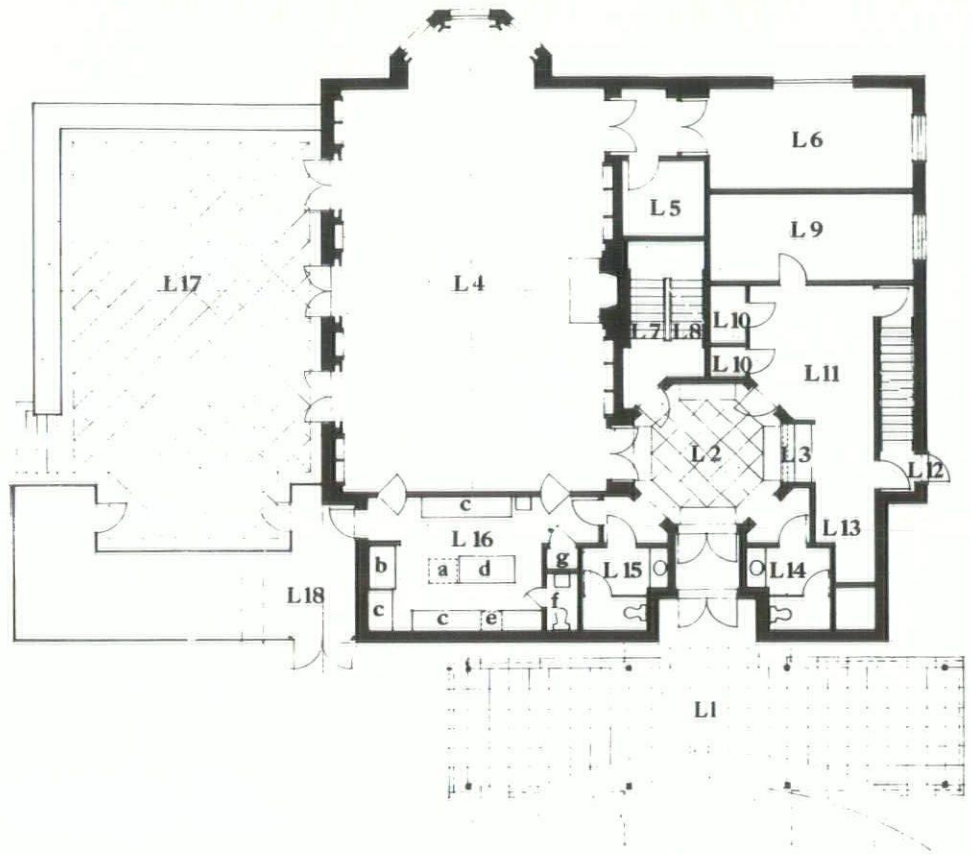




# STRATFORD LIBRARY

## FIRST FLOOR PLAN

- L1 Porch
- L2 Reception Hall
- L3 Reception Counter
- L4 Library
- L5 Furniture Storage
- L6 Meeting Room
- L7 Down to Stacks
- L8 Up to Archives
- L9 Librarian
- L10 Storage
- L11 Office
- L12 Exit from Archives
- L13 Coats
- L14 Women
- L15 Men
- L16 Serving Pantry:
  - a serving carts
  - b refrigerator
  - c work counter
  - d warming oven
  - e dishwasher
  - f staff toilet
  - g liquor storage
- L17 Terrace
- L18 Service Yard



The Robert E. Lee Memorial Association, which owns and maintains Stratford Hall, the birthplace of Robert E. Lee in Westmoreland County, also owns a significant library of material related to the Lee family, 18th century life and history, and related topics. Various collections which were given to the Association had been stored in various places, some of which did not provide ideal conditions for the preservation of the books or their use by visiting scholars, until a grant from The Jessie Ball DuPont Religious, Charitable & Educational Fund made construction of this library possible.

The library contains a large reading room, which is also used for meetings and lectures. A serving kitchen and a terrace off this space are available for related social events. Stacks are located on a lower level, which is large enough to provide for a large expansion of the collection. Archives and storage of Association records and memorabilia are located on a mezzanine level over office spaces and a conference room.

The building is planned to provide for a variety of future events which will bring visitors to Stratford to learn 18th century history. An annual spring Seminar for high school teachers selected from applicants nationwide is the first of these events to be instituted.

The library is part of a Master Plan for visitors' facilities at the Plantation which was developed under the guidance of Leslie Cheek, Jr., Director Emeritus of the Virginia Museum.

Taylor & Parrish, Inc. of Richmond was general contractor for the project.

### SUBCONTRACTORS & SUPPLIERS

Binswanger Glass Company, Richmond, glass; F. Richard Wilton, Jr., Inc., Richmond, drywall; Woodward Electric Co., Inc., Bowling Green, electrical work & HVAC work; H.J. Holts & Son, Richmond, painting; Liphart Steel Co., Inc., Richmond, steel; Fendley Floor & Ceiling, Inc., Richmond, sheet vinyl, acoustical tile & carpet; Capital Masonry Corp., Richmond, masonry; N.W. Martin & Bros., Inc., Richmond, roofing; H. Beckstoffer's Sons, Inc., Richmond, millwork; J.S. Archer Company, Inc., Richmond, hollowmetal doors & frames; Pleasants Hardware, Richmond, hardware; Baker & Hazelwood Mechanical Contractors, Inc., Richmond, plumbing; Martin Fireproofing Corp., Buffalo, New York, roof deck.

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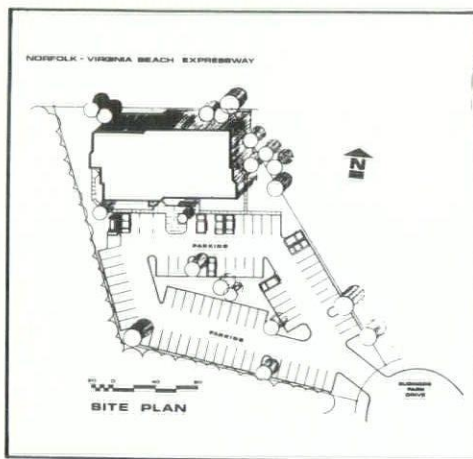
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## Community Physicians Office Building

Barnes and Folck Architects, P.C.

**Location:** Expressway Business Park, Virginia Beach

**Project Architect/Designer,** J. Fletcher Barnes • **Site Engineer/Surveyor,** Langley and McDonald, P.C. • **Structural Engineer,** Abiouness, Cross and Bradshaw, Inc. • **Mechanical/Electrical Engineer,** Bowman and Associates, P.C. • **Interior Design,** Barnes and Folck Architects, P.C./**Business Environments** • **General Contractor,** Barr Construction Co., Inc.

Community Physicians, Inc. is an organization whose primary objective is to provide emergency room staffing and management for hospitals on a regional scale.

The home office has been located in a one-story building which was inadequate in terms of projected needs. Expansion of the existing facility did not prove to be economically or physically feasible. Consequently, the company decided to embark on an expansion program of a new building in a more accessible location.

The new building site is located in Expressway Business Park, an office park located adjacent to the Norfolk-Virginia Beach Expressway be-

tween two major interchanges. The volatile growth posture of the company dictated that the physical facility housing the staff be flexible, not only functionally, but also in actual square footage. Hence, the project was designed with future growth areas provided. These areas will be presently utilized as leased space. As company growth requires, additional space will be available to the owners by phasing out tenants on the ground floor. Zoning requirements for off-street parking were exceeded in order to enhance the facility's ability to handle unpredictable parking requirements.

J. Fletcher Barnes, president, Barnes and Folck Architects, P.C. is the project architect and designer.



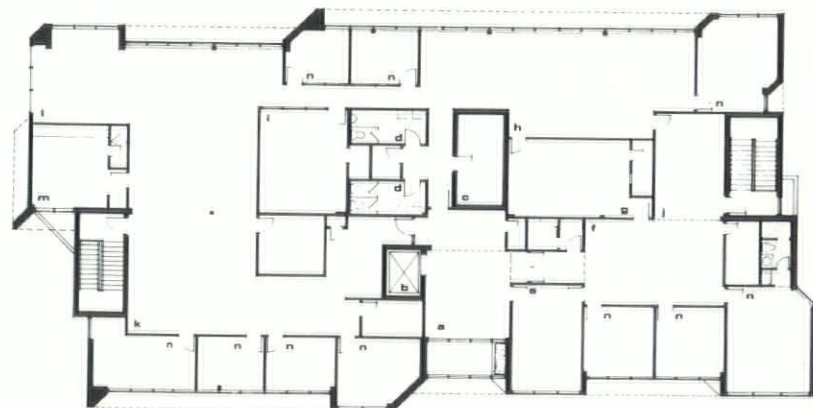


Barr Construction Company, Inc. of Virginia Beach was general contractor and handled concrete work, handrails, carpentry, millwork, and caulking.

#### SUBCONTRACTORS & SUPPLIERS

Williams Corp. of Virginia, Norfolk, excavating; Asphalt Roads and Materials Co., Inc., Virginia Beach, paving contractor; Bay Concrete Construction, Inc., Virginia Beach, foundations; Hall-Hodges Co., Inc., Norfolk, reinforcing; Lone Star Cement, Inc., Norfolk, concrete suppliers; Hudson Masonry Co., Inc., Virginia Beach, masonry contractor; Barnum-Bruns Iron Works, Inc., Chesapeake, steel supplier; C.F. Lambert Co., Norfolk, steel erection; Guille Steel Products Co., Virginia Beach, steel joists; Eastern Roofing Corp., Norfolk, steel roof deck, built-up roof, roof insulation & sheet metal; Tidewater Plastering & Drywall, Inc., Virginia Beach, wall insulation, gypsum board contractor & acoustical treatment; Kitchen Towne, Div. of Towne Distributors, Inc., Norfolk, cabinets; and J.D. Wells, Inc., Virginia Beach, waterproofing.

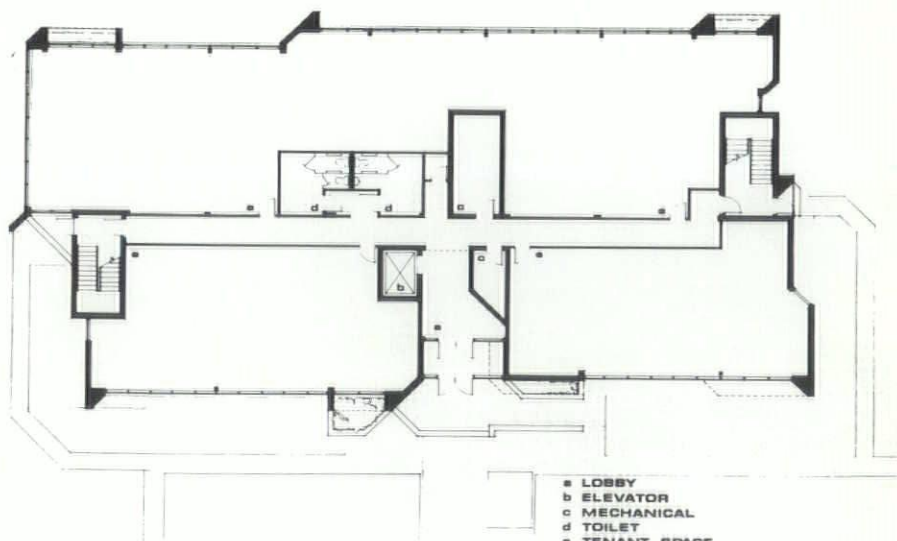
Also, Mid-Atlantic Glass Corp., Virginia Beach, glass, glazing contractor, windows & storefront; Door Engineering Corp., Norfolk, metal doors & frames & hardware supplier; Seaboard Building Supply Co., Virginia Beach, wood doors; Grover L. White, Inc., Norfolk, ceramic tile & resilient tile; Business Environments, Virginia Beach, carpet; E. Caligari and Son, Inc., Norfolk, painting contractor & wall covering; Pittsburgh Paints, Pittsburgh, PA, paint manufacturer; Webster Elevator Co., Inc., Chesapeake, elevator; Byler Plumbing Co., Virginia Beach, plumbing contractor; Aircon Ltd., Chesapeake, heating/ventilating/air conditioning contractor; Branham Electric Corp., Chesapeake, electrical contractor.



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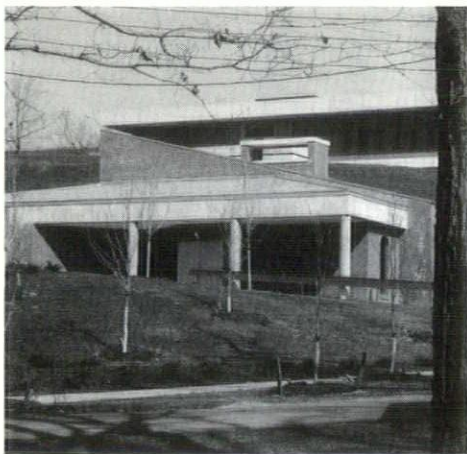
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**FIRST FLOOR**







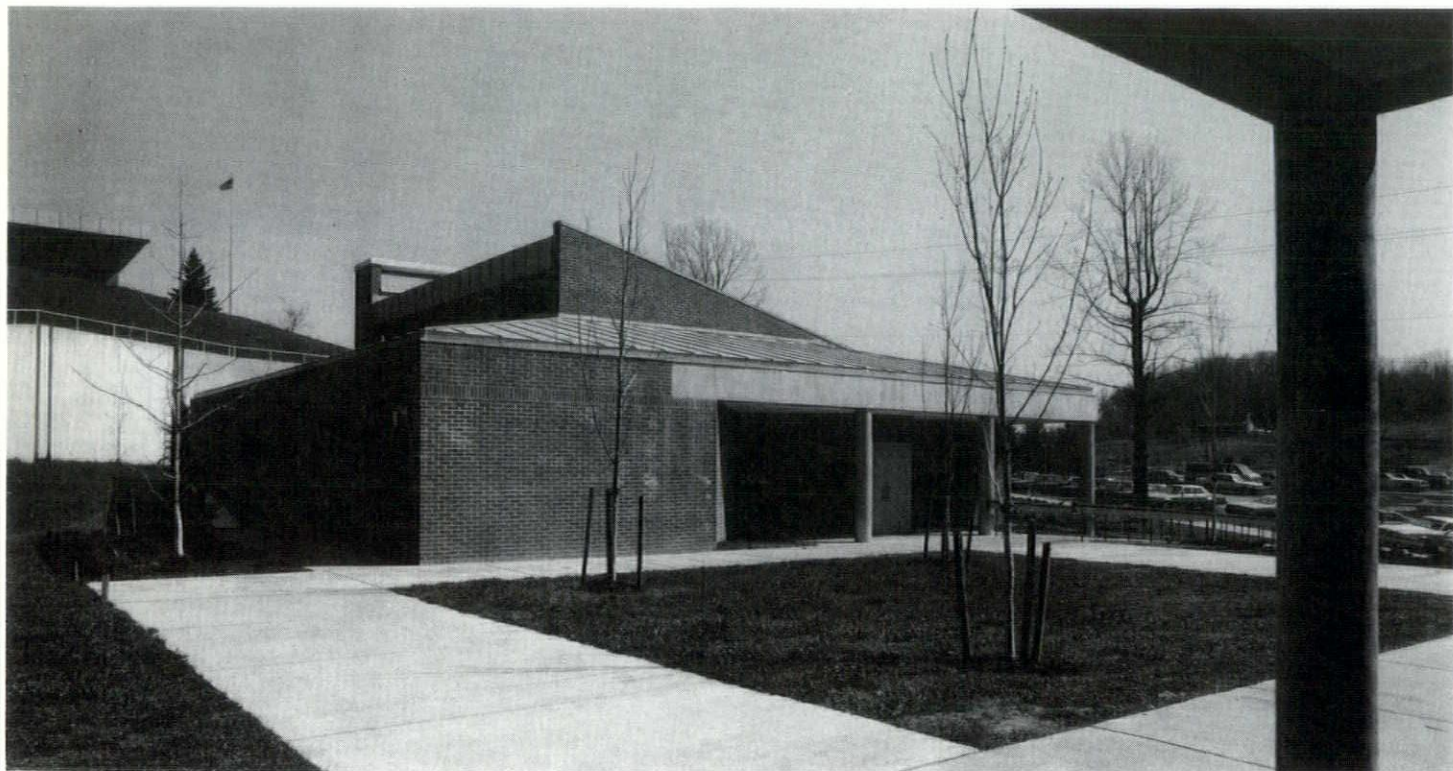
## Clinch Valley College Chapel

Smithey & Boynton — Architects/Engineers

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Location: Wise

Project Architect/Designer, Interior Design,  
Site Engineer/Surveyor, Structural/Mechanical/  
Electrical Engineer, Smithey & Boynton •  
General Contractor, Days Construction Co.,  
Inc. • Photography, Smithey & Boynton.





The Chapel of All Faiths, recently dedicated at Clinch Valley College, represents the culmination of a decade of preparatory planning for a center for religious activity for the campus. Located adjacent to the new Student Union near the toe of the bluff containing the campus' academic buildings, the Chapel forms a vital link between that portion of the campus and the lower plain, upon which student-related activities, such as housing and recreation, are concentrated. Although conceived as a center of worship for all religions, the chapel nevertheless has strong ties to The Student Union for which it serves, in some aspects, as that building's logical extension. Some of these uses are:

1. small banquets
2. movies
3. special lectures
4. dancing
5. exhibits

The College sought a building which imaginatively addressed this duality of purpose (religious and non-religious) all within an extremely limited budget. The requirements further stipulated that the means through which these changes in mood be accomplished must be through the simplest devices possible, without reliance upon sophisticated electronic gear or any type of complicated "scene-shifting" involving the maintenance forces.

In searching for a solution to the problem, two approaches were examined. One was concern for the shape of the space; the other, the provision of a modest means for conversion from temporal to sacred use and vice-versa.

1. An axial scheme was avoided because of its formal, liturgical association; the resulting non-directional shape of the main room permits a variety of informal seating/table arrangements.
2. For religious usages, a "barn-door" sliding panel was devised to uncover an alcove which contains an altar and other ecclesiastical trappings. This alcove is further accented by spotlighting and the use of strong color. A small portable platform and lectern is moved into place in front of the altar to complete the chancel arrangement. A reversal of this process converts the space back into a secular mode by simply sliding the "barn-door" back over the altar alcove. The platform/lectern may be left in place, moved to any other position in the room, or removed altogether, depending upon the event.

The large room is supported by a laminated wood beam and deck system, set on brick piers. Peripheral subordinate areas are supported by light wood trusses with suspended ceilings. The large room is flooded with natural light; glass panels at eye level comprise the south wall, additional light is gained through a continuous clerestory on the upper north wall. All roofing material is terne metal, recalling similar roofs on adjacent buildings.

Days Construction Company of Salem was general contractor and handled masonry work for this project.

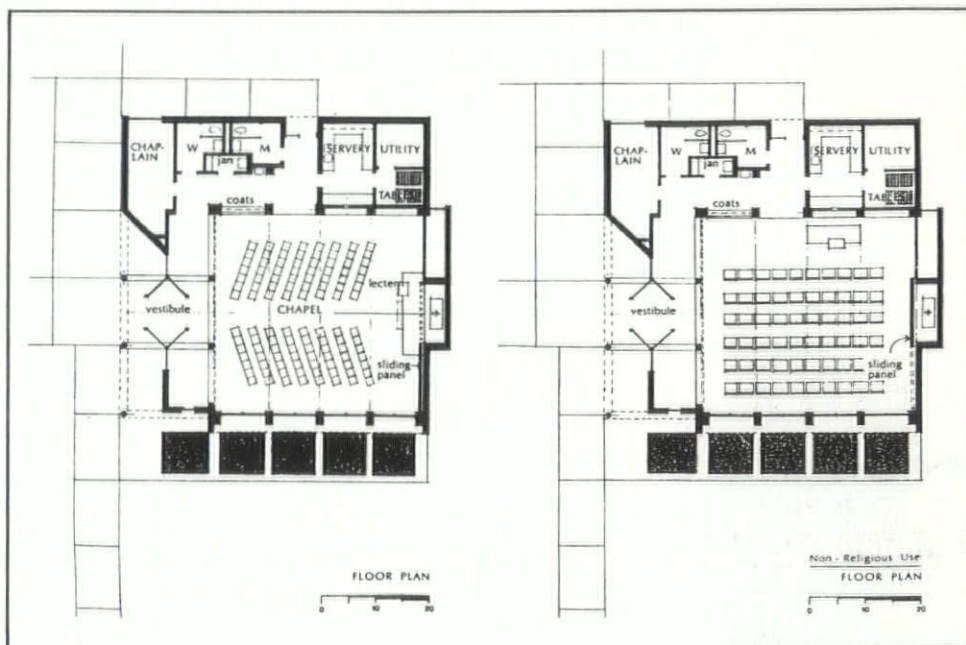
#### SUBCONTRACTORS & SUPPLIERS

H & H Contractors, Clintwood, site work excavation & grading; Valley Steel Corp., Salem, concrete reinforcing; Holston Steel Structures, Inc., Bristol, TN, metals suppliers; Unadilla Laminated Products, New York, laminated wood; City Lumber Co., Nashville, TN, millwork; Bonitz All-

Weather Crete Co., Greensboro, NC, insulated concrete roof deck; Valley Roofing Corp., Roanoke, roofing; Roanoke Engineering Sales Co., Inc., Richmond, metal doors & frames, metal windows & miscellaneous specialties; and Lee's Lines, Ltd., Roanoke, rolling door.

Also, Central Glass Co. of Virginia, Inc., Bristol, glass & glazing; Tom Jones Hardware Co., Inc., Richmond, hardware; Acoustical Services, Inc.,

Salem, lath & plaster, resilient flooring, acoustical treatment & gypsum drywall; David Allen Co., Inc., Raleigh, NC, ceramic tile; C & B Painting & Decorating Co., Pound, painting; Rosenbaum of Roanoke, Inc., Roanoke, louvers; Swartz & Co., Inc., Roanoke, food service equipment; Dover Elevator Co., Greensboro, NC, elevator; Daniels Plumbing & Heating, Inc., Norton, mechanical; and Kingsport Armature & Electric Co., Inc., Kingsport, TN, electrical.





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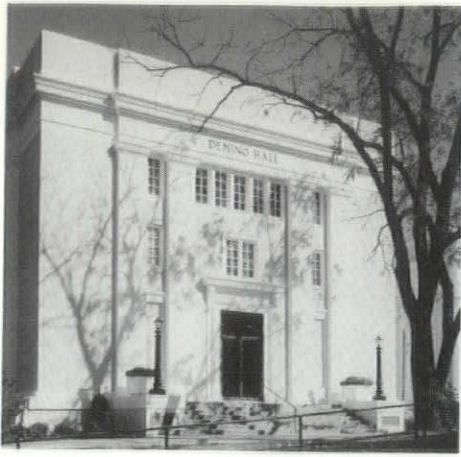
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## Mary Baldwin College — Deming Hall

### Clark, Nexsen, Owen, Barbieri & Gibson — Architects

**Location:** Staunton

**Landscape Architect, Fred Duis • Interior Designer/Cost Consultant, CNOBG • Structural Engineer, St. Clair, Callaway & Frye • Mechanical/Electrical Engineer, Lawrence Perry & Associates, Inc. • General Contractor, J. B. Wine & Son, Inc. • Photography, Gene Campbell Studio.**

The new Deming Hall Fine Arts Center at Mary Baldwin College was completed in October 1983. This adaptive reuse project had been known as Memorial Hall and formed a part of the old Staunton Military Academy which was acquired by Mary Baldwin College.

The exterior of the building remains basically unchanged; a stair addition, landscaping and painting aid in producing a tie-in with the look of the Mary Baldwin campus. The 20,000 square

feet of interior space underwent a complete architectural, mechanical and electrical retrofit with but little structural change. Existing floor levels have been utilized to house the arts: music, visual art and theater.

The top level, formerly a small basketball gym was converted into a visual art studio with movable storage cubicles to accommodate a flexible subdivision into art instructional areas. A loft addition provides faculty offices overlooking the art studio. The existing main level was converted to music practice rooms, choir room, classrooms, music faculty and audio visual lecture with the corridor serving as an art gallery. The lower level that previously housed the old military school canteen made for an ideal theater in-the-round plus wardrobe, scene shop and related ancillary facilities. The theater seats 150 persons and is adjustable for all types of theatrical productions. The sub-basement, originally a cellar with exposed earth walls, is now the print-making department complete with dark room. The existing front stair was retained

and now serves as main entrance, stairway and vertical art gallery.

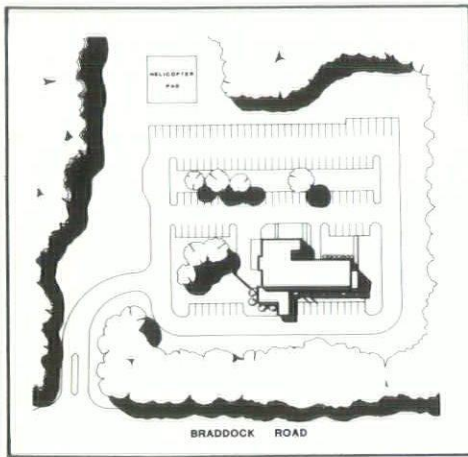
J.B. Wine & Son, Inc. of Staunton, was general contractor and handled excavating & foundations.

#### SUBCONTRACTORS & SUPPLIERS

Fred Duis, Bedford, landscaping materials; R.L. Spiggle Plastering Contractor, Verona, masonry contractor; Frank Kerby & Sons, Inc., Waynesboro, roofing; Commercial Caulking Co., Richmond, caulking; Staunton Glass & Mirror Co., Inc., Staunton, storefront; Kenneth D. Wilson Drywall, Stuarts Draft, plaster contractor; A D Applicators, Timberville, acoustical treatment; Manson & Utley, Inc., Charlottesville, resilient tile; Danny L. Wilson Painting Contractor, Staunton, painting contractor; Schalow Manufacturing Co., Inc., Powhatan, specialties; Strand Century, Richmond, equipment; R.W. Cash Mechanical Contractors, Inc., Staunton, plumbing fixture supplier, plumbing/heating/ventilating contractor; David C. Earman, Staunton, electrical contractor.







## Department of State Police

Carl M. Lindner, Jr. Associates, Architects-Planners Ltd.

**Seventh Division Headquarters • Location:**  
Fairfax County

**Project Architect, Melvin S. Perrot • Site Engineer/Surveyor, Lewis & Owens, Inc. • Structural Engineer, William D. Gourley • Mechanical/Electrical Engineer, CEK, Inc. • Geotechnical Engineer, Froehling & Robertson, Inc. • General Contractor, Baron Builders, Inc. • Photography, James M. McCalla.**

### PROJECT INCENTIVE

The Seventh Division Headquarters, Department of State Police, has been operating out of a headquarters building constructed in 1951, which is located in Alexandria. The old building contains less than 3,000 sq. ft. of floor space and was occupied on a daily basis by five uniformed police officers and 21 civilians. Each of the office spaces was used for several functions, in addition to the one for which it was intended. The existing building had no storage space and

was not accessible to the handicapped and the helicopter landing pad occupied space which could be used for other purposes.

Personnel assigned to Area Office: 63 employees occupied rental space at another location in Alexandria and the Bureau of Criminal Investigation was headquartered in rental space in Fairfax County.

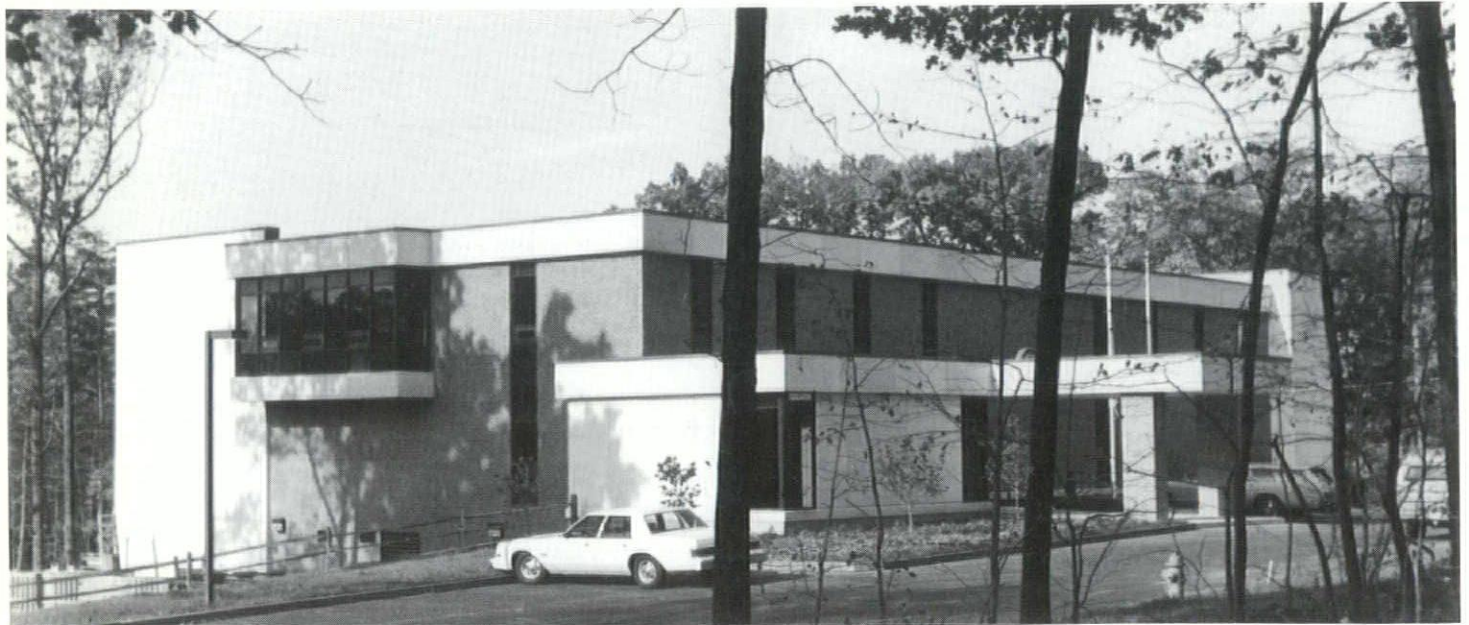
### THE SOLUTION

The new Seventh Division Headquarters facility for the Department of State Police replaces the 32 year old facility. The new facility, located on Braddock Road in Fairfax, started its operation in November of 1983. The new building contains approximately 20,000 sq. ft. of office and floor space to accommodate the functions of the Seventh Division Administrative Offices and Office and Support Facilities for Area 9, the Safety Division, and the Bureau of Criminal Investigation. It will be the headquarters for 132 uniformed State Police and 27 civilian employees. The exterior of the building is constructed basi-

cally of masonry and cast stone to give a feeling of permanence, as well as minimizing maintenance for the owner. The unencumbering lines of the exterior harmonize with the surrounding residential community and the adjacent State Mental Facility.

A heavily wooded site sets the scene for the natural landscaping and site improvements. Treated wood curbs and planted islands soften the environmental impact and separate the various parking areas. An undisturbed natural berm extends along the northern property line shielding the building from the heavily traveled Braddock Road by serving as a sound barrier for the new facility.

Parking has been provided for all employees and visitors, with designated handicapped parking spaces adjacent to curb cuts and the main entrance lobby. A helicopter landing pad has been placed in such a way as to alleviate interference with any of the other functions of the Division Headquarters project.





The slender 300 ft. guyed communications tower located among the large oak trees at the west side of the property stands virtually unnoticed by most visitors to the site or passersby. The communications tower is part of a 24 hour operation on the radio communications system, which is one of the primary functions of the facility, and which offers direct communication to the field operations of uniformed personnel, as well as other law enforcement agencies and fire and rescue services. Other features within the building include a holding cell and polygraph testing capabilities. The holding cell is similar in design to that of a medium security institution and provides for secure short-term retention. A polygraph testing room is designed with acoustics, as the most important design criteria. Carpet, vinyl wall covering over acoustical walls, and acoustic ceiling eliminate noises and distractions during testing. Similar construction is used in the observation room adjacent to the testing room.

Approximately 2,000 sq. ft. of storage space has been provided, with access by an overhead door and loading dock at ground level. The mechanical system in the storage area is designed for future expansion of the heating and cooling system for additional office space, if required. The new building is directly accessible to pedestrians, including the handicapped, at the basement and first floor levels. All interior spaces of the building are also accessible to the handicapped by way of an elevator which serves all levels of the building.

Baron Builders, Inc. of Silver Spring, Maryland was general contractor.

#### SUBCONTRACTORS & SUPPLIERS

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Also, Alpha Construction Corp., Alexandria, lath, plaster, drywall, steel stud, acoustic & parts of building insulation; Westinghouse Elevator Co., Upper Marlboro, MD, hydraulic pas-



senger elevator; Bryan & Associates, Inc., Edmonston, MD, wallcovering, painting, caulking & dampproofing; Prospect Enterprises, Inc., McLean, membrane waterproofing; Carpeteria, Inc., Fairfax, resilient floor, base, stair treads, landing & riser covering; Crews Door Company, Nokesville, steel overhead doors; Steel Products, Inc., Rockville, MD, toilet partitions, toilet accessories & flag poles; Davis Nurseries, Inc., Harrisburg, sod, seeding & planting; Fairfax Glass Co., Falls Church, aluminum entrance, storefront, windows, glass & louvers in window panels; and Architectural Graphics, Inc., Norfolk, exterior building sign.



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Firefighters' activities will begin with the Firefighters' Reception on Thursday, May 3, at 7:30 p.m. Friday will be a full day for the firefighters beginning with the Field Muster and Competition at 10:00 a.m., followed by the Out of Town Honorary Fire Chief Beauty Contest at 12:00 noon. Any fire company participating in the parade is invited to enter a young lady from their community to represent them in this contest. Finishing up the day's activities will be the "World's Largest Firefighters' Parade." This year the parade, led by this year's Firefighters'

Marshal, country star Leroy Van Dyke, will step off at 6:00 p.m., with pre-judging of the fire apparatus starting promptly at 1:30 p.m.

The "World's Most Famous Springtime Extravaganza" will also include a Grand Feature Parade; three highly acclaimed band competitions; a traditional coronation of Queen Shenandoah; daily performances of the Clyde Beatty-Cole Bros. Circus; a popular Sports Breakfast; a variety of luncheons, dinners, parties and dances attended by a host of celebrity guests; and a fun-filled Sunday in the Park with arts and crafts shows, an apple crate derby, a Civil War Sham Battle, musical entertainment and much, much more!

Come, help put out the fire and celebrate the bloom!



**Fredericksburg Events**

**MAY**

**13 For Mother's Day**, a reenactment of George Washington's farewell to his mother at her last home, the Mary Washington House. Several performances throughout the day. Admission charge includes tour of home.

**12 Market Square Fair**, free. 9 a.m. to 5 p.m. in the town's cobblestone Market Square. A traditional town fair dating to 1738, when George Washington spent his youth here. Crafts, music, flowers, children's games and prizes, homemade barbecue.

**26 Music in Market Square**, free. The first in a series of afternoon concerts in the town's old fashioned Market Square, with music varying each month from military marches to jazz and blues.

**28 Memorial Day Ceremonies**, free. Parade at 10 a.m. by Sons of Confederate Veterans, wreath-laying ceremony and placements of flags at the Confederate Cemetery by the Ladies Memorial Association of Fredericksburg. Speakers and band at National Cemetery at 11 a.m.

**JUNE**

**1 and 2 12th Annual Fredericksburg Art Festival**, free. An outdoor show of the works of professional and amateur artists. Nationally known judges, cash prizes, and purchase awards. 10 a.m. to 9 p.m. Friday, 10 a.m. to 6 p.m. Saturday. At the Park and Shop Shopping Center.

**2 and 3 The Great Rappahannock River White Water Canoe Race**. A 4.5 mile canoe race which includes flat water, white water, and a portage. 8 a.m. registration at Old Mill Park, \$5 per paddler.

**20-24 and 27-30 "Carousel"** Fredericksburg Theatre Company drama production at Klein Theatre of Mary Washington College. 8 o'clock show nightly except 2 p.m. Sunday matinee. Admission fee. 371-7488.

**23 Eat Your Art Out**. A novel presentation of edible art for prizes, then a sale of the works for consumption. 12-3 p.m. at the Fredericksburg Center for the Creative Arts. 373-5646.

**23 Music in Market Square**, free. The second in a series of outdoor concerts.

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# Roanoke's 'Center in the Square' Opens

Amid balloons, streamers and excited crowds, Roanoke's new "Center in the Square" was formally opened December 9 in the city's Market area. Billed as a center for all of Western Virginia, it is indeed impressive.

Are you an Art lover? Is History your interest—or Theater—or Astronomy and Science? Then by all means, visit Center in the Square. Here are housed the Roanoke Museum of Fine Arts, the Roanoke Valley Historical Society, Mill Mountain Theater, and the Roanoke Valley Science Museum and Hopkins Planetarium. A plant bedecked atrium, spiral staircase, shops and other support facilities, round out a glimpse of what visitors were treated to in December.

The opening ceremonies were well attended. The unusual ribbon cutting saw representatives from 41 Virginia communities—from Albemarle County to Waynesboro—picking up blue streamers (artfully arranged on a wooden frame), symbolizing the center's ties to the people of all of Western Virginia. Governor Robb, who was to have participated in the ribbon-cutting, was delayed enroute, but was ably represented by Virginia's First Lady, Lynda Bird Robb. The governor did arrive in time to tour the facility with his wife after the ceremonies.

Mayor Noel C. Taylor gave the invocation. Edwin K. Mattern of Hayes, Seay, Mattern & Mattern and Warner N. Dalhouse, Center in the Square Chairman, two of the key figures in making the Center a reality, also delivered brief remarks. Singers Jane Powell and William DuPre performed; Lisa Aliff, Miss Virginia, welcomed the crowd; bands played; balloons floated; crowds cheered and the long-awaited Center was at last a reality. After the formal ceremonies, it was estimated that at least 25,000 people toured the Center that first day.

Mrs. Robb expressed the feelings of all concerned when she said the Center will make a major contribution to the cultural life of Western Virginia. "It represents a marriage of sorts," she said, "a marriage of the city and the surrounding communities, of private enterprise and government, and of the arts and sciences."

Well said, Mrs. Robb! Well done, Roanoke!



Governor and Mrs. Robb view a Japanese exhibit in the Roanoke Museum of Fine Arts.  
Photo Courtesy of ROANOKE TIMES & WORLD NEWS

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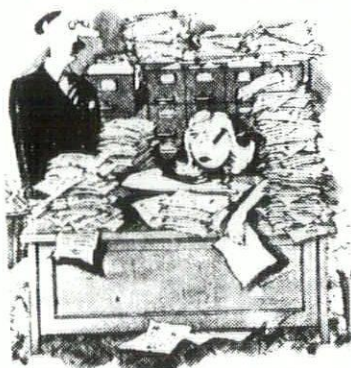
## FOR THE RECORD

### Engineering Firm Announces Promotions

Joe D. Glenn and Associates, Inc., Consulting Engineers has announced the following promotions:

- Mr. Jan Eversen, P.E., Vice President
- Mr. Edward F. Callahan, Jr., P.E., Senior Associate
- Mr. Dale A. Campbell, P.E., Senior Associate
- Mr. Richard E. Garriott, P.E., Senior Associate
- Mr. George O. Sadler, P.E., Senior Associate

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### Rickover Honored By ACEC

Admiral Hyman G. Rickover, U.S. Navy, retired, was honored in October 1983 by the American Consulting Engineers Council (ACEC) at the Council's board of directors meeting in Williamsburg. Rickover, the highly acclaimed father of the U.S. nuclear Navy, received ACEC's 1983 Award of Merit from Council President Shelby K. Willis of Bucher, Willis & Ratliff, Salina, Kansas.

The Award of Merit is presented annually by the Fellows of ACEC to recognize an outstanding leader or educator in engineering or natural science. ACEC, headquartered in Washington, D.C., is a federation of 51 state and regional councils representing 4,000 consulting engineering firms nationwide and was founded in 1956. The Fellows are ACEC members who have contributed to the advancement of consulting engineering in leadership, design, science, literature, education, or service to the profession. Elected by their peers, there are currently 287 Fellows of ACEC.



ACEC President Shelby K. Willis, left, presented ACEC's 1983 Award of Merit to Admiral Hyman G. Rickover (USN Ret.).

### John C. Say Joins The CEGG Partnership

Mr. John C. Say has joined THE CEGG PARTNERSHIP as Manager of the Mechanical Department. The firm is a multi-disciplined Architectural/Engineering firm located in Virginia Beach.

Mr. John C. Say is a registered Engineer in Virginia and California and formerly worked with

the firms of Hayes, Seay, Mattern and Mattern, and Vansant and Gusler, Inc.

Mr. Say holds a Bachelor of Science and Mechanical Engineering from California State University and is currently a MBA candidate at the College of William and Mary.

His professional affiliations include the American Society of Mechanical Engineers, Instrumentation Society of America and American Society of Heating, Refrigeration and Air Conditioning Engineers.

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## Tomlinson Elected President of AGC of Virginia

In ceremonies held Saturday night, January 21, at The Homestead, Hot Springs, Q. M. Tomlinson, Chairman of the Board of Q. M. Tomlinson, Inc., Roanoke, was installed as President of the Associated General Contractors of Virginia.

Tomlinson has served on the Board of Directors of AGC/Va. since 1976 and as an officer since 1982. The organization is made up of nearly 700 general contracting firms and allied sub-contractors, materials suppliers, law firms, and other organizations related to the contracting industry.

Tomlinson is active in Roanoke in Kiwanis, the Masonic Lodge and as a Deacon in the Rosalind Hills Baptist Church.

Other officers installed were:

- 1st Vice President—Lester L. Hudgins, Jr., Hudgins Construction Co., Inc., Newport News
- 2nd Vice President—Robert E. Kersey, Commercial Builders Inc., Norfolk
- Secretary—S. A. Modisett, Conquest, Moncure & Dunn, Inc., Richmond
- Treasurer—Aubrey S. Bass, Jr., Bass Construction Co., Inc., Richmond

The new Chairman of the Associate Division elected is:

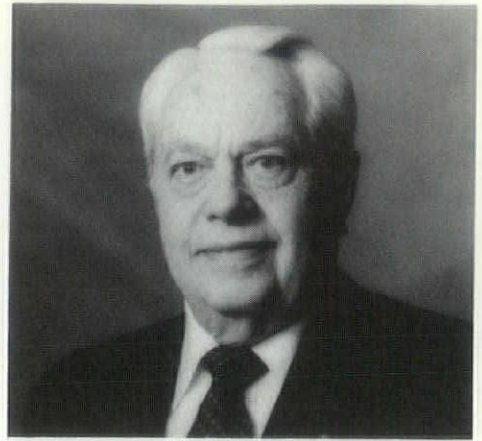
- O. Hume Powers, Al-Steel Fabricators, Inc., Roanoke.

Newly elected members of the Board of Directors are:

- Walter P. Conrad, Jr., Conrad Brothers, Inc., Chesapeake; and
- Barry W. Baird, Avis Construction Company, Roanoke.

Board members re-elected for an additional term are:

- Barry A. Bowles, Stanley W. Bowles Corp., Martinsville;
- Henry Taylor, Jr., Taylor & Parrish, Inc., Richmond; and
- Roy E. Spears, Jr., Shirley Construction Corp., Portsmouth.



Q. M. Tomlinson  
1984 President  
AGC of Virginia

## Associated General Contractors of Virginia Convention Highlights

The Associated General Contractors of Virginia's Annual Convention January 18-22 attracted a near-record 470-plus to The Homestead. The temperature outside reached 10 below, but the enthusiasm, warmth and appealing program features inside kept anyone from noticing.

Response to the business programs was outstanding. Nationally-known experts on construction marketing, Ray G. Simms (Perini Corporation, Framingham, MA) and Warren Friedman (Tecton Media, Inc., New York, NY), provided valuable ideas for construction-related firms. They were generous in answering questions and consulting with individual members following the presentations. John Lina, of Newport News Shipbuilding and Dry Dock Co., Newport News, shared valuable tips on management issues involved in computer choices.

The major award given at the AGC of Virginia Awards Luncheon was an Appreciation Certificate presented to Aubrey Bass, Jr., (Bass Construction Co., Richmond). Bass has served the AGC of Virginia as Treasurer for 10 years, a feat of courage and perseverance, according to Charlie Lambert, who made the presentation. Fortunately for the Association, Lambert stated, Aubrey Bass continues as AGC's Treasurer. Lambert promised a gold frame on his 20 year certificate.

Jane Brody, nutrition author and a columnist for *The New York Times*, kept the full attention of an audience of men and women, as she described in detail how to eat for good health and love it.

Two special programs for women included Judith Keith's enjoyable exposition, "I Haven't a Thing to Wear." She demonstrated how to make a few essentials into a versatile wardrobe with flair, while making the best of your less-than-perfect features. Danny Arje, talented Creative Director, Home Fashions for Dan River, Inc. told of new developments and trends in home decoration and fashion. He showed slides from his versatile career in design and visual merchandising.

"The Madisonians," talented young singers and dancers from James Madison University, gave an enthusiastic and up-beat program Friday evening which was followed by dancing. Saturday night, following the Annual Banquet and installation of officers, Brenda Byers entertained, working with the audience, and playing her guitar and banjo.

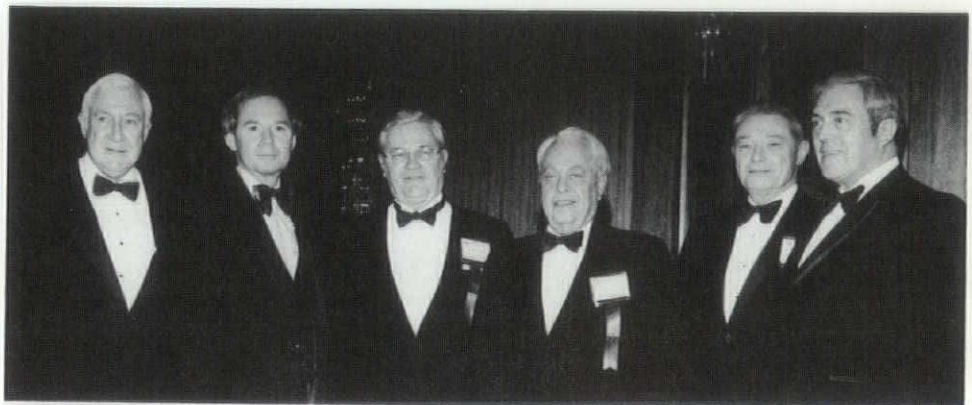
The convention theme was "It All Adds Up." The result seemed even greater than the sum of its parts.



Aubrey Bass (right) accepts award from Charlie Lambert, Awards Committee Chairman, at Awards Luncheon during Convention.



S.I.R. AWARD—Retiring President, Walter B. Caldwell (John W. Daniel & Co., Inc., Danville) presents the S.I.R. Award to Incoming President Q. M. Tomlinson (Q. M. Tomlinson, Inc., Roanoke). The S.I.R. or SIR Award comes from the phrase "Skill, Integrity, and Responsibility" which is part of the crest of the AGC of America.



AGC OF VIRGINIA OFFICERS INSTALLED AT CONVENTION (left to right) Associate Division Chairman, O. Hume Powers; 1st Vice President, Lester L. Hudgins, Jr.; 2nd Vice President, Robert E. Kersey; President, Q. M. Tomlinson; Secretary, S. A. Modisett; and Treasurer, Aubrey S. Bass, Jr.



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## Virginia Education in the News

*Excerpts from 'STATE-ED'*

### DR. FRAVEL NAMED PRESIDENT-ELECT OF NASBE

Dr. Mark Fravel, Jr., of Chesapeake, a professor at Old Dominion University and member of the Virginia Board of Education, has been named president-elect of the National Association of State Boards of Education (NASBE).

He was elected at the twenty-fifth anniversary meeting of NASBE, held October 12-17 in New Orleans, La. He is former vice-president of the association and has served for three years on its Resolutions Committee.

Dr. Fravel was appointed to the state education board in 1978 and was reappointed for a four-year term in 1981. He is chairman of the board's committee on curriculum and instruction.

NASBE is a nonprofit association serving state boards of education in 45 states, four territories, and the District of Columbia. It has headquarters in Alexandria, Va.

### DR. PATTON TO RECEIVE AWARD

Dr. James M. Patton, director of the Division of Teacher Certification for the Department of Education, has been chosen as one of the Distinguished Alumni of Kentucky State University and will be honored March 31 at a conference of the National Association for Equal Opportunity in Higher Education (NAFEO).

Dr. Patton will be one of approximately 300 graduates of historically black institutions who will be recognized at the association's Ninth National Conference on Blacks in Higher Education, scheduled for March 29-April 1 in Washington, D.C.

NAFEO is a nonprofit organization which represents 114 predominantly black colleges and universities in 21 states, the District of Columbia, and the Virgin Islands.

### PLEACHER NAMED TEACHER OF THE YEAR FOR 1984

An Arlington County mathematics instructor who voluntarily surrendered the authority and compensation of a school system supervisory position to return to the classroom has been chosen as Virginia's Teacher of the Year for 1984.

He is John K. Pleacher, a 34-year veteran of public education who believes the classroom "is where the action is."

Mr. Pleacher, 58, was selected by a special judging committee of the Virginia Department of

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Education to represent the state in the national Teacher of the Year competition scheduled for early 1984 in Washington, D.C.

Mr. Pleacher was one of 21 teachers in Virginia nominated by school divisions to receive the award, which was initiated in Virginia in 1964. There have been 19 persons honored with the teacher award since 1964—there was no competition in 1966 and 1969—and Mr. Pleacher is only the fourth male to be selected.

Second- and third-place winners in the Teacher of the Year competition are Linda E. Van Durand, who is employed in Virginia Beach, and A. Faye Rollings, a teacher in Henrico County.

#### PAGE RECEIVES SOCIAL STUDIES AWARD

James C. Page, social studies supervisor in the Radford office of the Department of Education, is the recipient of the 1983 Friend to Social Studies Award given by the Virginia Council of Social Studies. The award was presented in appreciation of Mr. Page's service and dedication to the social studies program in Virginia's public schools. Mr. Page has been associated with the Social Studies Service since 1968.

#### DR. BRASHEARS NAMED TO SPECIAL EDUCATION POSITION

Dr. James Brashears joined the Department of Education on November 1 as supervisor, Region V, in the Division of Special Education Administration and Finance. He succeeds Mrs. Kathleen Kerry who retired.

Dr. Brashears received an M.Ed. in special education supervision and an Ed.D. in program evaluation with a minor in special education from the University of Virginia. He was employed for six years as a teacher of the mentally retarded and as a supervisor of programs for the mentally retarded in Greene County. Prior to joining the Department of Education, he was director of Child Find and Program Evaluation for the Pennsylvania Department of Education.



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**Fort Ward Museum, Alexandria  
Selected as Workshop Site**

Fort Ward Museum in Alexandria has been selected as a workshop location by the Office of Museum Programs of the Smithsonian Institution and the Virginia Association of Museums.

A session on the development and management of docents and volunteers will be held at the Alexandria museum May 22 and 23. It is one in a series of on-site workshops held by the sponsoring organizations to introduce, examine and improve the skills and practices of persons employed or volunteering in museums. Other sessions will be held in Williamsburg and Fredericksburg.

For registration information, contact the Smithsonian at (202) 357-3101. The fee is \$75 per person per workshop. Registration is limited to

museum employees or docents with special permission and for the Fort Ward session must be received by April 22.

Fort Ward Museum, a national and state historic landmark, is named for James Harmon Ward, the first Union Naval officer killed in battle during the Civil War. It was constructed to protect Washington and, when built in the 1860s, was considered a model fortification. It offers continuing exhibits, museum education programs, and living history and re-enactments throughout the year. Fort Ward, located at 4301 W. Braddock Road, is owned and operated by the City of Alexandria.

For more information on Fort Ward, call (703) 838-4848.

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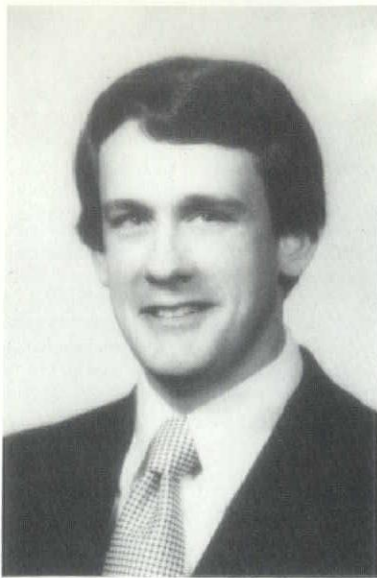
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Robert A. Weatherford

## Weatherford to Represent Commercial Department For Pella Virginia, Inc.

Robert A. Weatherford has been named commercial sales manager for the window and door distributorship of Pella Virginia, Inc. He had served the Richmond commercial and residential markets since 1978. He will represent Pella Virginia's Commercial department in the Richmond and Tidewater areas.

Of the over 500 Pella representatives nationwide, Weatherford is one of only four persons named to the Rolscreen Company's Presidential Club for outstanding sales for two years in a row. Rolscreen Company is the national manufacturer of Pella windows, doors, sunrooms and skylights. He qualified for the elite club by selling over 5000 Pella products in a 12-month period. Weatherford currently serves on the board of the Richmond chapter of The Construction Specifications Institute.

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Westwood Building #9

## General Contractor Wins Tree Conservation Award

Scott-Long Construction, Inc., along with its sister company, The Henry A. Long Company, has been selected by the Fairfax County Tree Commission for the 1983 Conservation Award for Outstanding Commitment to Tree Preservation.

Bruce Scott, President of Scott-Long Construction said, "it is especially appropriate that the Fairfax County Tree Commission made a special point of citing William Wright, the project supervisor, when they gave this award, because when it comes down to it, it is the project supervisor who saves the trees, because regardless of the directions, it's up to him to protect them."

The award was given for Westwood Building #9, a three story, 29,000 sq. ft. headquarters building occupied by Control Video Corporation. CVC is located at Westwood, the Corporate Center at Tysons Corner, a million square foot mixed use commercial park on 37 acres consisting of office, hotel and retail space. Developed by The Henry A. Long Company, it is located at Leesburg Pike (Route 7) near the Dulles Access Road.

### FIRM EXPANDS, ADDS NEW PERSONNEL

Thanks to on-going expansion, Scott-Long Construction, Inc. has added a communications person and a construction engineer to its staff.

Nancy Fisher Stein joins the company as Director of Marketing Services. She will be responsible for all marketing support activities for the company. This will include both public relations and advertising.

Fisher Stein's experience includes four years as president of her own public relations firm, Fisher Stein Associates, a Washington based company which served many of the area's leading real estate businesses. She was brought to Washington in 1978 as Public Affairs Officer for National Public Radio (NPR).

Originally from Michigan, she was Public Relations Director, Jewish Community Council of Metro Detroit and a reporter for *The Detroit News*.

Fisher Stein is a counselor of the Public Relations Society of America (PRSA).

David J. Ryan, newest staff member, started in construction as a third grader working for his father, a Pennsylvania general contractor.

Formerly with SPN Construction Management in Rockville, Ryan joins Scott-Long as a Construction Engineer. His responsibilities will include handling the administrative aspects of bidding, estimating scheduling and field follow-up.

Scott-Long President, Bruce Scott, said, "David Ryan's early hands-on experience as a skilled carpenter and iron worker, combined with his B.S. in Civil Engineering from Villanova and his continuing work on a Masters degree from Drexel in Construction Engineering will be very valuable to us."

Scott-Long Construction, Inc. is a fifteen year old Fairfax County firm with a reputation for buildings delivered on time, within budget and as the owner specified. They are the builders of the Barns of Wolf Trap.

Recent/present projects include: buildings #1, 8A, 8B and 9 at Westwood, the Corporate Center at Tysons Corner—this is office and retail space totaling approximately 175,000 sq. ft.; Shell Park Center, a 47,000 sq. ft. warehouse; Pender Mill I, a 73,000 sq. ft. office building; and the Commerce Building at 4087 University Drive, Fairfax, which will be corporate headquarters for both Scott-Long Construction and its sister corporation, The Henry A. Long Company.

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**Hudgins Construction  
Receives INRYCO Award**

Errol Cutter, southeastern regional manager for INRYCO Building Systems, awarded Lester L. Hudgins, President, Hudgins Construction Co., Inc. the Special Area Award for 1983 at a recent INRYCO Building Systems builders conference.

INRYCO, headquartered in Milwaukee, Wisconsin, sells pre-engineered building systems and is a division of Inland Steel Co. Hudgins Construction Co., Inc., a Newport News-based commercial construction firm, was the recipient of the award because of its "innovative and creative use of INRYCO building products," stated Cutter.

**Ward M. Holmes  
Joins SRI Staff**

The management of SR International, General Contractor has announced the appointment of Ward M. (Woody) Holmes to Surveyor-Assistant Project Superintendent with SRI's Virginia Beach Headquarters.

Mr. Holmes is a Registered Land Surveyor in the State of Virginia, a past student of engineering and surveying curriculums of Old Dominion University and a former Survey Party Chief for Langley McDonald Engineers, Planners and Surveyors where he worked for 13.5 years on projects such as the Portsmouth Marine Terminal, Virginia Beach Airport Industrial Park, Busch Gardens, Kings Mill on the James, and military and educational projects throughout the Tidewater area.

SR International has assigned Mr. Holmes to their World Trade Center Parking Garage project now under construction.

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