A black and white photograph of a historic building, likely a library or institutional structure, featuring a prominent cupola with a tiled roof and decorative balustrade. The building is surrounded by large, mature trees, and a smaller building with a gabled roof is visible in the background to the left. The overall scene is lush and verdant.

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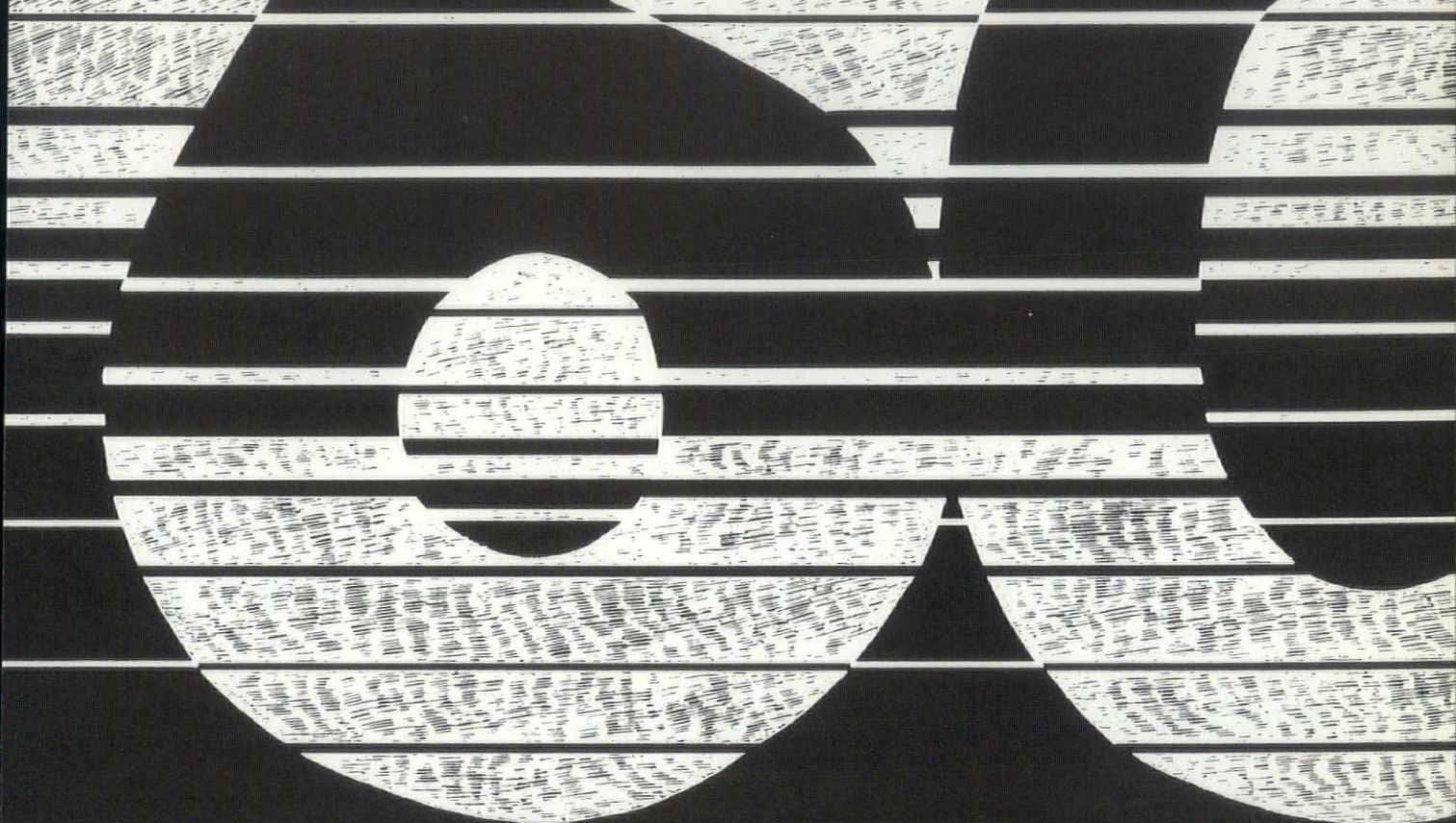
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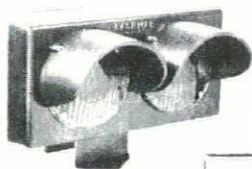
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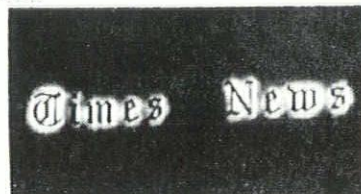
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ON OUR COVER is an example of adaptive re-use, the Orthopaedic Clinic for Drs. McDowell and Macys. Originally built in 1895 the building and its adjacent garden were placed on the National Historic Register. The Clinic is presented on page 26 of this issue by Jones & Strange-Boston, Architects & Engineers, of Richmond. (Photography by Jones & Strange-Boston)

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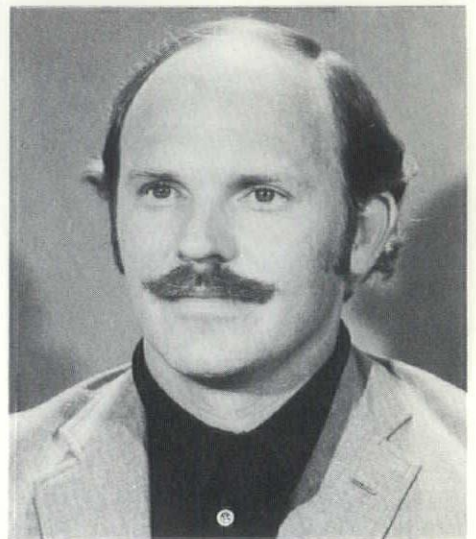
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By
Frederick E. Baukhages, IV, AIA

A New Generation of Built-Environmentalists

"ENVIRONMENTALIST." The word conjures up visions of a purposeful grandmother in a rubber raft speeding between a pod of whales and a Japanese fishing vessel.

All the most common applications of the word "environmentalist" seem to apply to the natural environment as Nature constructed it. But there is another very important environment over which man has even more control—the built environment. While many people think of the built environment as separate from the natural, those who work in design and construction of buildings know that a great deal of interrelationship is possible between the two. And they are trying to educate more people about the possibilities.

Adults—parents, teachers, community leaders, government decision makers—can all learn a great deal about the built environment from reading and listening to professionals. But children—the next generation of environmentalists and built-environmentalists—need some special attention to help them understand the concepts involved. And they are getting that help through a variety of federal agencies, professional groups, and privately funded organizations. One of the most exciting and innovative of these projects is the National Endowment for the Arts' Architects-in-Schools program.

The Architects-in-Schools program defines education about the built environment as stressing . . . the development, first of an *awareness* of the surroundings, senses, feelings and needs; then of an *understanding* of the functions and the impact of the environment; and, finally, of the *ability to use the environment and change it* to best satisfy the needs that have been defined." It does not concentrate just on architecture but more on the environment (in the broadest sense of built and natural environments together) and the proper use and planning for it. At the Arbor Heights Junior High School in Omaha, Nebraska, science students studied the relationship between architecture and the energy crisis. Delving into the design and utilization of solar energy systems, the students built a hot air passive solar collector.

While some of the Architects-in-Schools programs start through a direct interest on the part of teachers or students in architecture itself, most go way beyond that. Built environment education is restricted only by the imagination and energy of the teachers and architects involved. Spawning an interest in built environment education not only opens new avenues of thought to children but also infuses their regular curriculum with new applications. Math, science, history, art, and a host of other subjects offer important insights into the total picture of the environment. In White Plains, New York, a program started at Rosedale Elementary School by a husband-and-wife team of architects has become so successful that the White Plains School District has adopted and spread the program throughout its schools. Rosedale students analyze, design, budget, and construct a new school lobby, a classroom quiet-study area, a sculpture garden, and an outside overnight shelter. George Washington Elementary students take responsibility for a playground, and a district-wide selection of gifted and talented students receive federal funding to build a minipark they designed for senior citizens.

With increased awareness of our environment as a mutually advantageous union between natural elements and a man's necessities, more attention will be paid to how to improve the relationship. There will be an ever greater demand for creative, innovative solutions to the problems of restricted space and resources. The minds that most likely will come up with those solutions are young and eager to learn now, and this is the time to start them thinking in terms of their future environment. If they can be presented with new and exciting challenges now, the resourcefulness unleashed in a few years will prove invaluable. And, as one participant in an Architects-in-Schools program described the range of the students' interest, "The projects just seem to invent themselves." A teacher at the Jewish Day School in Rockville, Maryland, wanted to help her students understand the process behind a new addition being built onto the school, so she invited the architect father of one of her students to address the class. He got so involved in making the project fun and understandable for the students that his notes have been transposed into a booklet for teachers and/or architects. It serves as a useful primer on how to translate the language and concepts of architecture into a built environment education experience for all concerned.

Built environment education is a vital, growing concern of The American Institute of Architects. If you would like more information on built environmental education, contact the Virginia Society of the American Institute of Architects.



A.I.A.

NEWS

VIRGINIA SOCIETY
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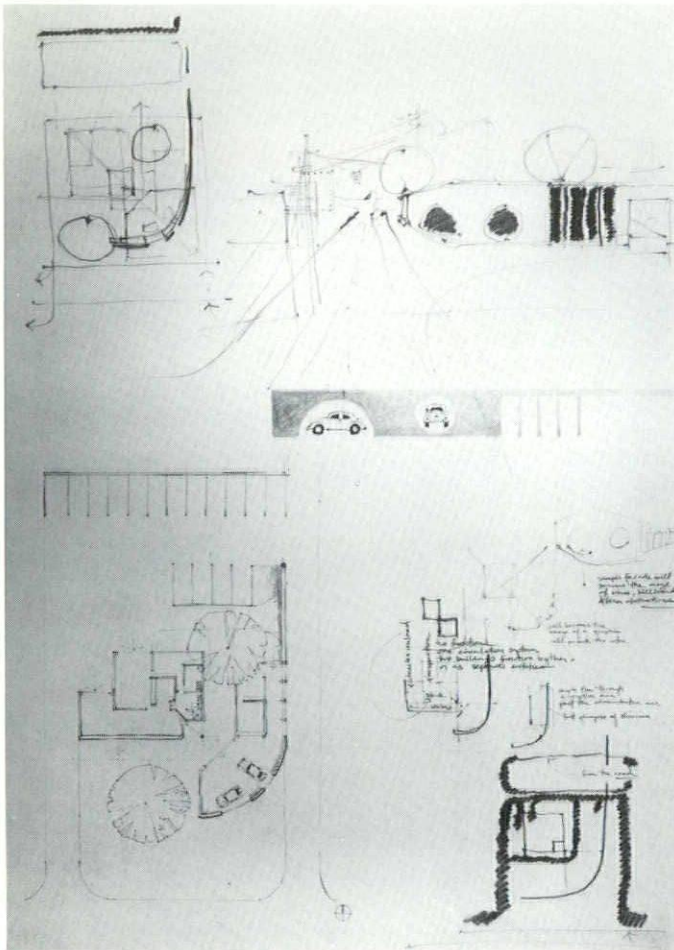
Virginia Inter-School Design Competition 1980

A new competition, The Virginia Inter-School Design Competition, was introduced this year by the Virginia Society, AIA. Featuring a \$1,000 first prize, to be known as the Virginia Society Prize, the voluntary competition was aimed at students in their third or later year of Architectural study leading to a professional degree. There were 38 entries from the three schools involved—The University of Virginia, VPI & SU and Hampton Institute.

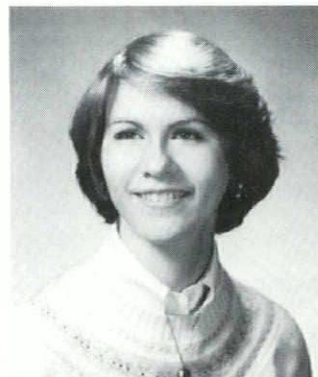
The purpose of establishing this competition is two-fold: (1) to reward and thereby emphasize, in a training context, the value of high level design produced under conditions of pressure and duress; (2) to promote a closer relationship between student and practicing architect, through the Virginia Society, AIA. All premiated entries will be displayed at the Society's fall meeting, where they will be seen by a host of potential employers of graduate architects.

The program was a weekend sketch problem—taken from an actual building situation but disguised so as not to reveal its source. All competitors had from 5:00 pm on Friday, February 15, when the papers were simultaneously handed out, until 9:00 am on Monday, February 18, when entries were simultaneously collected, to prepare their entries.

Briefly, the program presented to the students consisted of the planned expansion of an automobile repair shop which specialized in repairing old VWs. The owner wishes to extend his business on a site adjacent to his

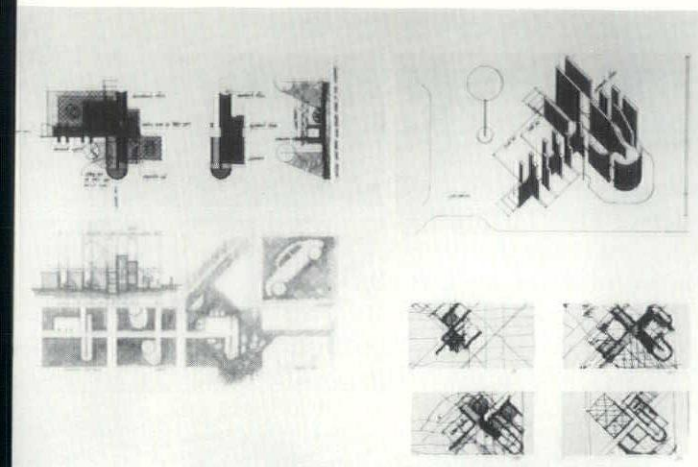


1st Place — Virginia Society Prize

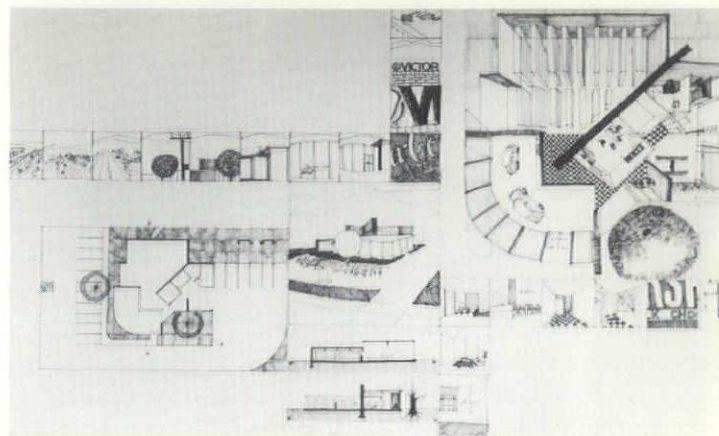


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"Merit Award" — Thomas Stodghill

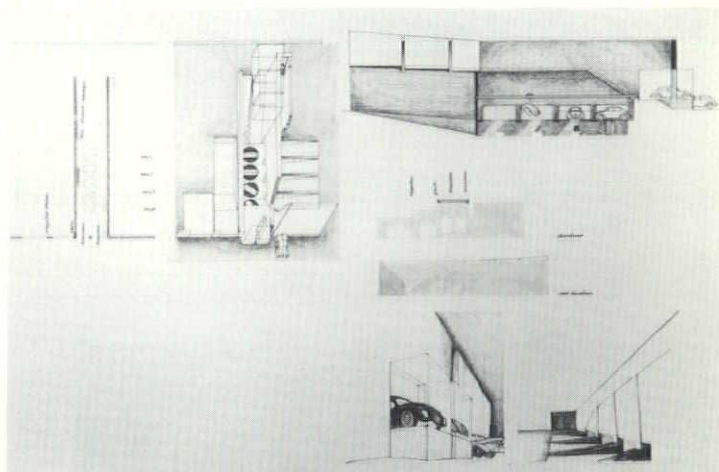


"Merit Award" — Lizabeth Wenger

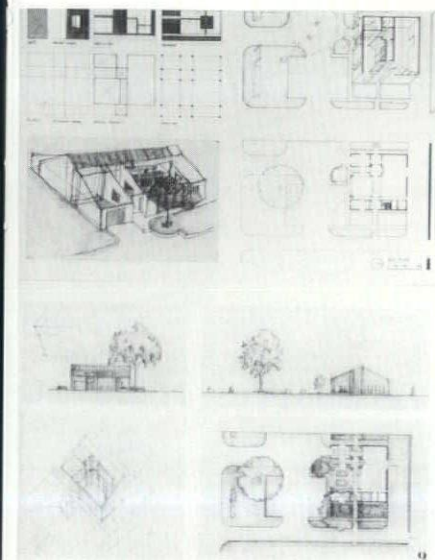
present repair facilities, in order to display and sell completely remade cars with a new car title. Students were given complete site information, including facts on right-of-way, topography, utilities and neighboring properties. They were also presented with a detailed program for the expansion of the facilities, up to and including suitable signage on the exterior.

A jury consisting of Eason Cross, Jr., AIA, Chairman; Samuel A. Anderson, III, AIA; Edgar C. Beery, Jr., AIA; William W. Brown, AIA; Robert Ripps; and John Henri Spencer, AIA—both academicians and practicing professionals—reviewed the entries. The criteria for judging were—good ideas, a thoughtful response to the Program, solution of suitable economic scope, avoidance of the commonplace and enough information given to enable the Jurors to understand the solution. Little attention was paid to the manner of presentation; the winner was a free-hand soft pencil entry.

The Virginia Society wishes this competition to serve as a way to encourage amongst future professionals an appreciation of the value of decisive thinking and a chance, at least once a year, to be exposed, voluntarily, to a non-academic challenge. The winner for 1980 was Jane Cady of VPI & SU, a fifth year student. Three near-winners were announced as Merit Awards, and an additional eight submissions were singled out by the jury for commendation.



"Merit Award" — Donald Copper



"Commend" — Nina Cuccio

VIRGINIA SOCIETY PRIZE

1st Place

JANE CADY, VPI-5



Merit Awards

DONALD COPPER, VPI-5

THOMAS J. STODGHILL, VPI-4

LISABETH A. WENGER, VPI-4



Commendations

THOMAS BAULEY, VPI-G

WALTER BRANCHE, HI-5

F. ROSS COLLINS, VPI-G

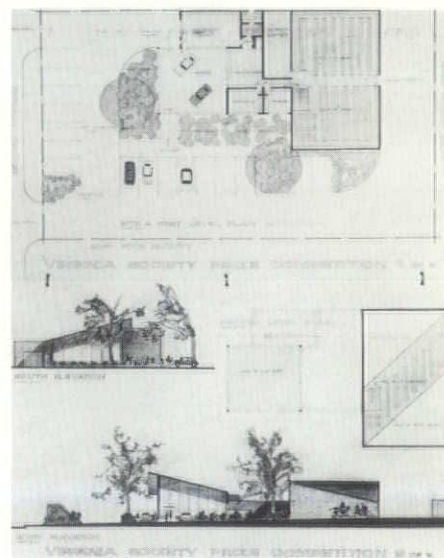
NINA CUCCIO, UVA-3

ALAN DINERMAN, UVA-G

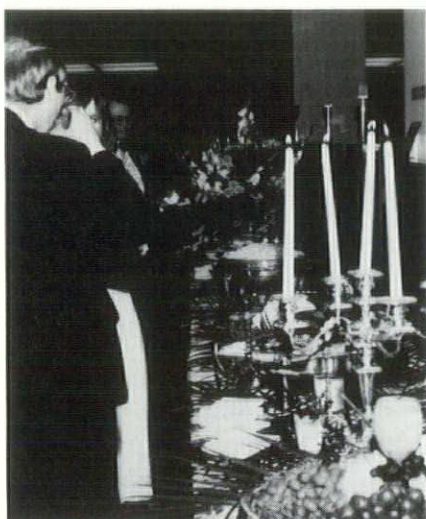
LINDA HEINRICH, VPI-3

TETSUO MAKINO, VPI-G

ED PEASE, VPI-5G



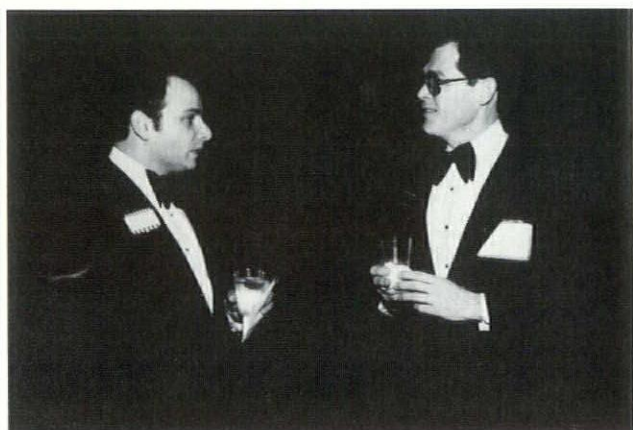
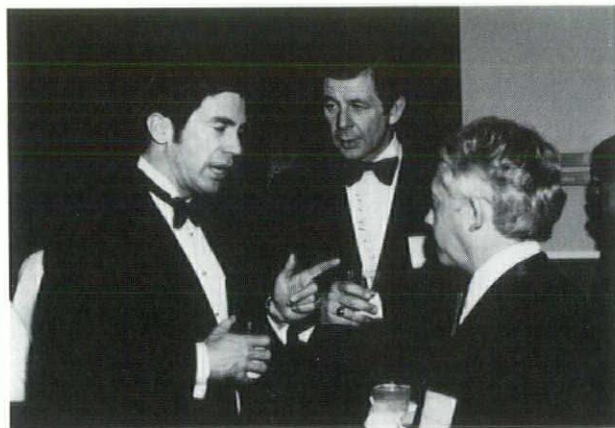
"Commend" — Walter Branche

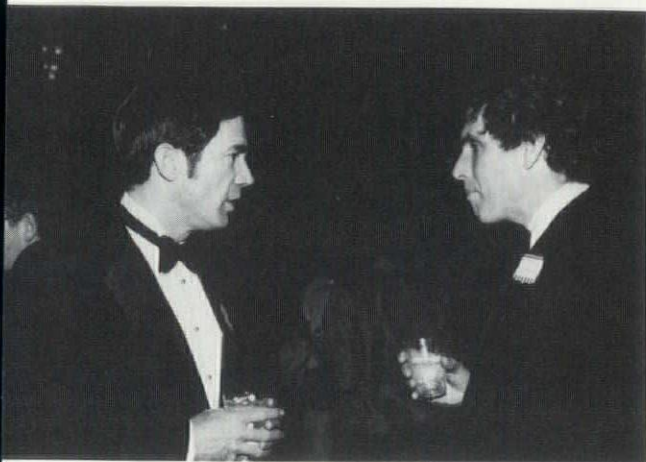


Legislative Reception

In alternate years the Virginia Society, AIA hosts a reception for members of the General Assembly and the executive branch. Held in conjunction with the Society's Winter Meeting, this years reception was on February 7. Using the restored Grand Banking Hall of Central Fidelity Bank (see May 1978 *Virginia Record*), the reception provided an opportunity for architects to mingle with their legislators and for the legislators to mingle with each other—as shown in these two pages of photographs.

Officers, staff, members, and legislators universally judged the reception a huge success.





Bud Lindsay Retires



Virginia Society, AIA Executive Director, Bud Lindsay was honored at the Winter Meeting. The occasion was his impending retirement, following nearly ten years with the Society.

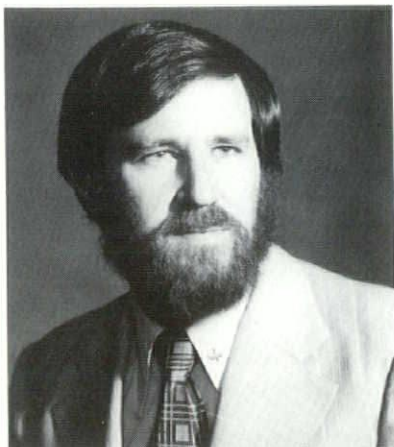
Photography

By

Paul Huffman

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(Photo by Huffman Studio)



R. Earl Johnson



Eileen T. Tyler

The Principals of Torrence, Dreelin, Farthing & Buford, Inc., a Richmond Virginia Architect/Engineer firm, have extended ownership of the firm to include Harold E. Costley, R. Earl Johnson, Thomas C. Roberts, and Eileen T. Tyler.

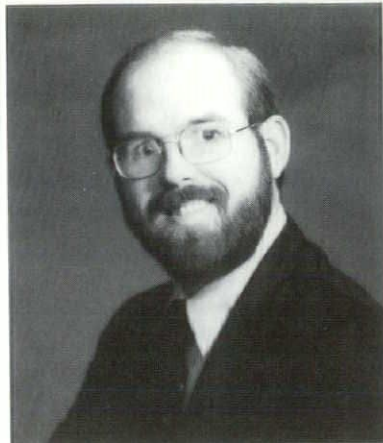
Costley is the Assistant Head of the firm's Structural Engineering Department. A native of Richmond, he was a captain with the Air Force in Construction Services before joining the firm in 1975. He is a 1968 graduate of Virginia Polytechnic Institute and State University (BS - Civil Engineering), and receiving his MS in Civil Engineering from the University of Texas in 1970.

Johnson has been with the firm since 1975 as an electrical engineer. He has been the Assistant Head of the Electrical Engineering Department since 1978, and was recently appointed the firm's Director of Marketing. Johnson is a 1966 graduate of Randolph-Macon College (BS - General Science), and received his BS in Electrical Engineering from Virginia Polytechnic Institute and State University in 1971.

Roberts joined the firm in 1978, and in 1979 was appointed Assistant Head of the firm's Mechanical Engineering Department. A New York native, he is a 1950 graduate of the City College of New York (Bachelor of Mechanical Engineering). He has received Outstanding Service Awards from the Virginia Society of Professional Engineers, the American Society of Plumbing Engineers, and the Virginia Plumbing Inspectors Association.

Tyler, a Richmond native, is the firm's Office Manager. A graduate of St. Patrick's Academy, she was the office supervisor for Lukens Steel Co. for 18 years prior to joining Torrence, Dreelin, Farthing & Buford, Inc. in 1973.

(Photo by Gaston Studio)



Harold E. Costley



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Headquarters Building, Charlottesville

Byron R. Dickson, Architect

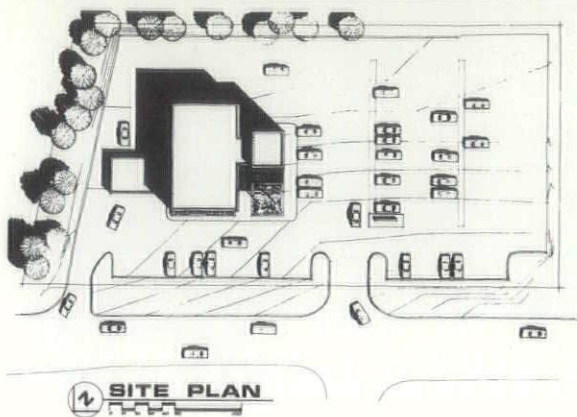
Project Manager, Jerome D. Henschel, AIA
 Landscape Architect, Byron R. Dickson, Architect
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The new headquarters building of the Albemarle Bank and Trust Company is located U.S. 29 north of Charlottesville in Albemarle County. A progressive banking organization chartered in 1972 by Charlottesville businessmen, the company has grown steadily to nine directors and a branch facility in Scottsville, Virginia. In 1976, the name was changed from The Cavalier Country Bank to the present Albemarle Bank and Trust Company.

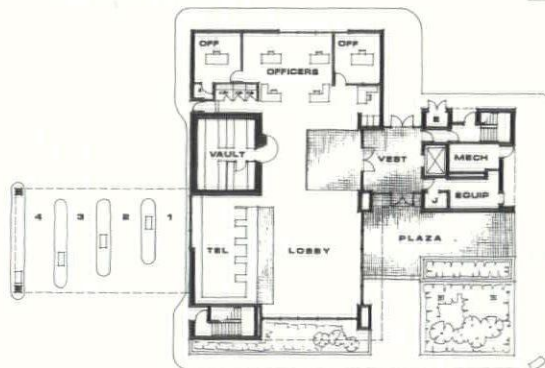
Since the founding, aggressive leadership has been provided by Wendell W. Wood, a Charlottesville native and entrepreneur.

The site is located in a rapidly growing section of Albemarle County and will soon be part of the new headquarters building.





SITE PLAN



MAIN FLOOR PLAN

a major shopping complex. A temporary parking facility occupied a portion of the 1.8-acre site prior to construction of the new headquarters building. Site development provides 92 parking spaces, circulation and drive-up facilities which include a banking window, two drive-up banking units and provisions to add two additional remotes at a later date. Zoning of the property is B-1, Business. A handsomely landscaped brick plaza provides an enjoyable pedestrian space from which to enter the main building lobby.

The four-story structure is faced in brick and glass. The floor plan concept provides three zones of activity at each level, the main office section, a connecting lobby, and the utility core in which toilets, circulation and mechanical functions are located. The total building area is just over 20,000 square feet, thus providing, 5,000 square feet per floor. The fire resistive classification is unprotected non-combustible. For life safety purposes, an automatic sprinkler system serves all levels.

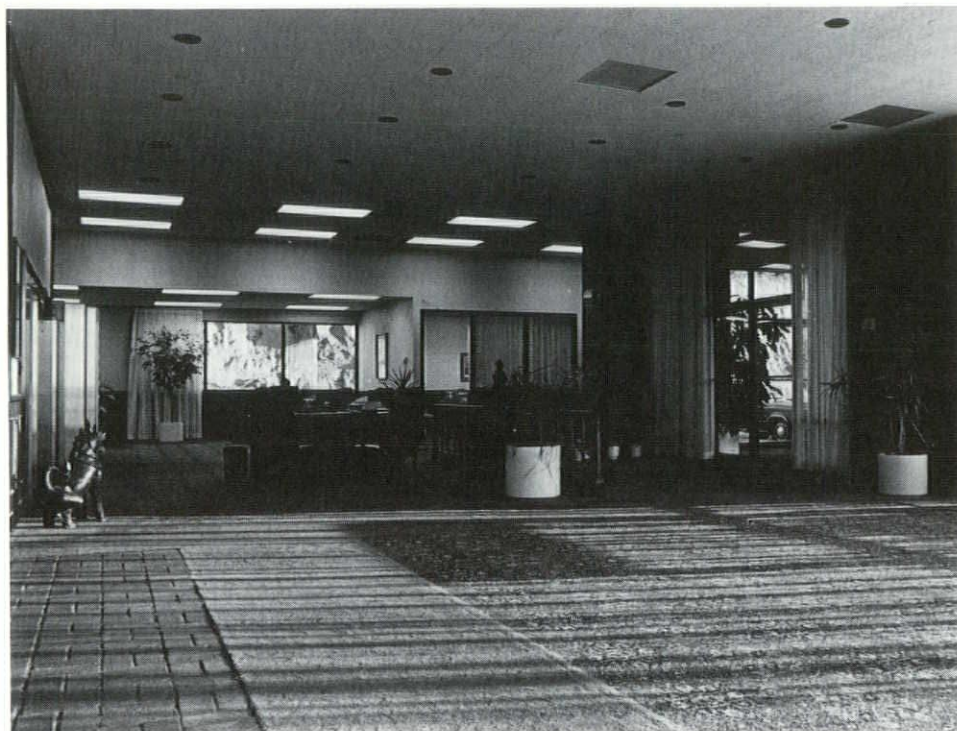
The main office section and connecting lobby are structured in steel frame with a steel joist, metal deck and concrete floor system. The brick masonry exterior wall system is backed up with metal stud. The utility tower is masonry bearing wall construction utilizing concrete floors and concrete masonry wall construction.

The main entrances, one from the plaza, the other from the rear, provide primary access to the building lobby. From this lobby, one can readily move either to the banking facilities or to the upper floors via an elevator.

The ground level bank floor has a variety of customer service features indicative of a full service contemporary banking facility. The accommodations include a spacious lobby, five teller stations, a 300 square foot safe deposit vault with coupon booths adjacent, open officers' platform and two private offices for loan and administrative officials. The wall finishes are face brick, walnut paneling and exquisite wall coverings. The floor finishes are brick pavers, carpet and vinyl tile in support areas. The ceiling finish is acoustical tile with concealed spline suspended support system. Each floor offers approximately 4,600 square feet of rental space. Heating, ventilating and air conditioning is provided to each level by three split system electric heat pumps for each floor. The heat pumps are metered separately for each rental unit.

Lighting in the main banking space on the ground level is achieved through the use of recessed fixtures spaced so as to provide low level elegance supportive of the integritous and friendly nature of the bank's philosophy. On the





upper levels, adequate lighting is provided by standard fluorescent fixtures, which like the wall system, provide flexibility for occasional tenant space alterations.

The facility was completed and occupied in September of 1978.

Days Construction Co., Inc. of Salem was the general contractor for the project.

Subcontractors & Suppliers

From Salem were: Valley Steel Corp., reinforcing; Thompson Masonry Contractor, masonry contractor; Laprad Roofing & Sheet Metal Co., built-up roof; and A & H Contractors, Inc., gypsum board contractor & acoustical treatment.

Roanoke firms were: Structural Steel Co., Inc., steel supplier, steel joists & handrails; Skyline Paint & Hardware, Inc., wood doors, windows & hardware supplier; Hesse & Hurt, Inc., carpet wall covering; Magic City Sprinkler, Inc., sprinkler contractor; Air-O-Matic, Inc., plumbing fixture supplier & plumbing/heating/ventilation/air conditioning contractor; and Newcomb Electric, Inc., electrical contractor.

And, from Richmond were: American Furniture & Fixture Co., Inc., millwork & cabinets; and Dover Elevator Co., elevators.

Others were: Ponds Welding & Crane Service, Waynesboro, steel erection; Virginia Glass Co., Inc., Charlottesville, storefront; Standard Tile Co., Inc., Verona, ceramic tile; and Eder Flag Manufacturing Co., flagpoles.

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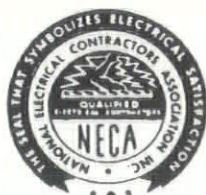
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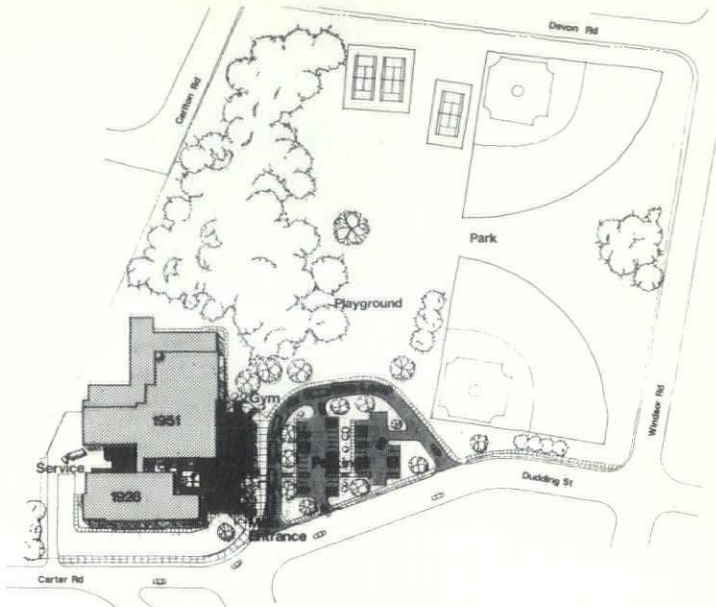
BILLY F. CROWDER, Vice President

- Elimination of barriers for handicapped students; and
- Creation of definite sense of physical orientation.

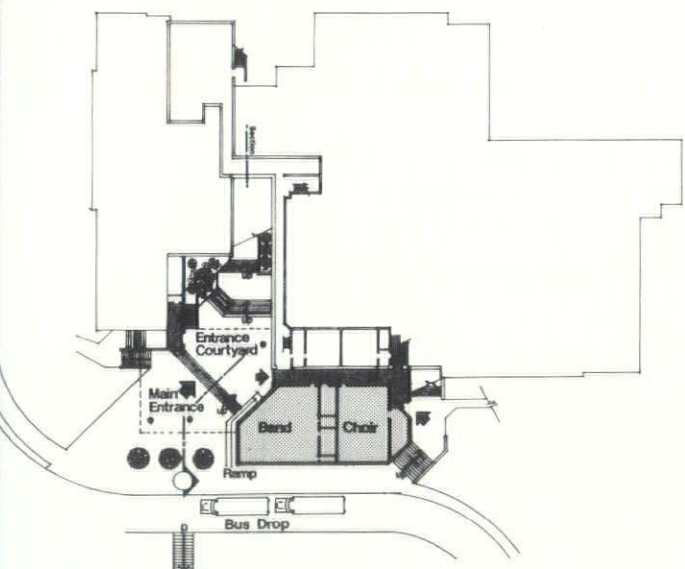
A new entrance courtyard was developed away from the busy street to become a dominant design element. It established a "sense of place" for the entire project. The entrance courtyard extends under the raised media center and comprised of a variety of sub-spaces and pleasant transitional areas. Students are funneled through a series of level changes to the new main building entrance, located in the center of the school. New administrative offices were also relocated to the center location. Access for the handicapped is provided via a ramp to the music level and by elevators serving the three upper levels of the existing building. The transition between old and new interior spaces was accomplished by a coded system of graphics which add interest and provide orientation to the previously mundane existing spaces.

The addition incorporates a structural combination of masonry bearing walls, steel framing and steel joists. Exterior walls are red brick with concrete block back-up and interior walls are concrete block. Interior painting and graphics

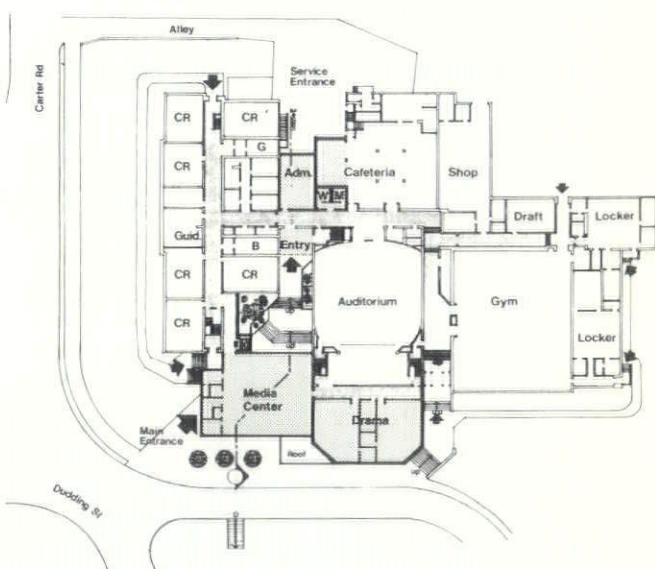
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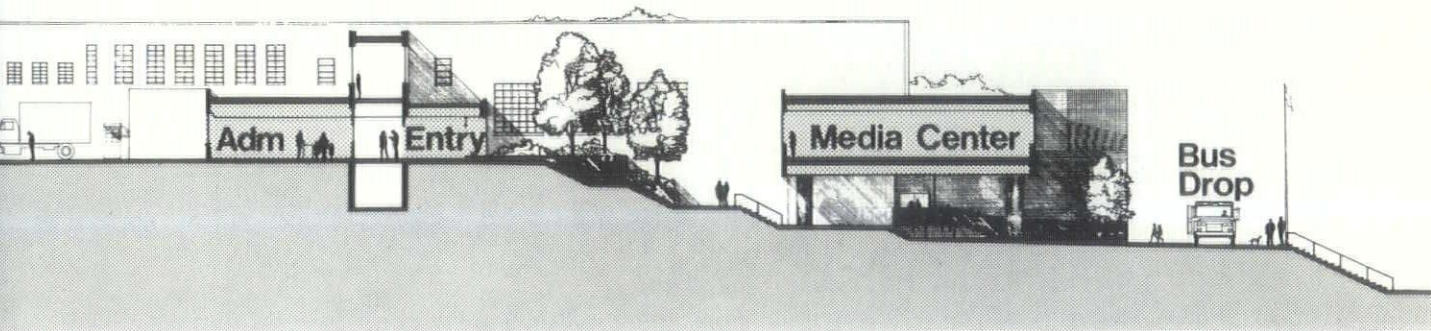
SITE PLAN

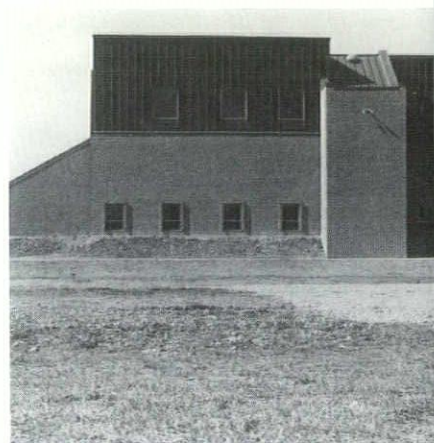


LEVEL ONE



LEVEL TWO



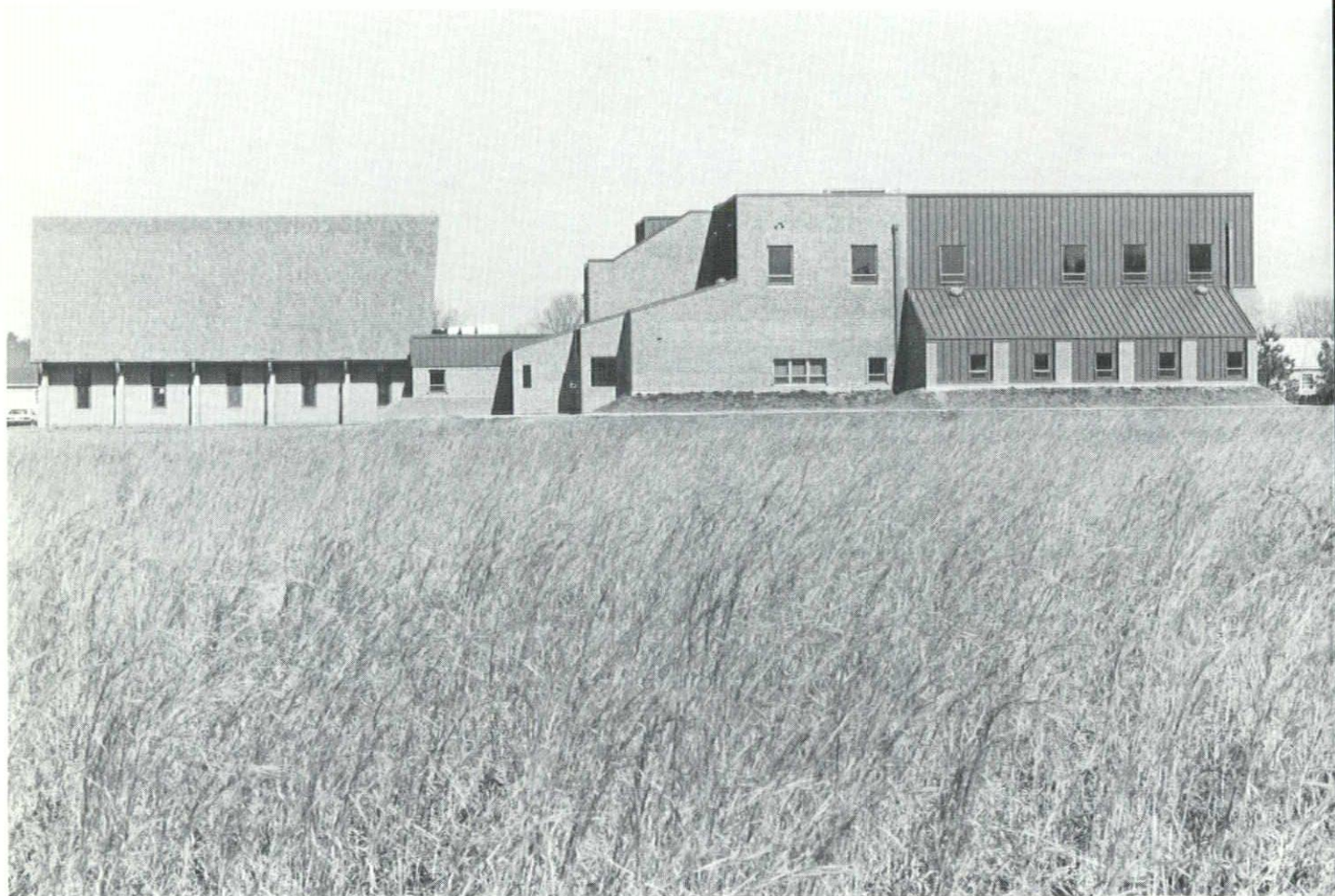


Stevens Memorial Baptist Church

Addition — Newport News

Leon K. Smith, Architect

General Contractor, Piland Construction Company
Inc. • Photography, David Bugin.





The new 9,600 square foot building addition to Stevens Memorial Baptist Church consists of 1,500 square feet of administrative facilities and 8,100 square feet of educational service facilities.

The administrative facilities consist of church administration areas, educational administration areas and pastor's facilities.

Educational facilities consist of several primary meeting areas and smaller secondary multi-functional instructional areas. The primary concern in the conceptual planning was the high level of needed flexibility in the instructional areas.

Designer, Dave Bugin of Leon K. Smith, Architects, describes the visual relationship between the existing church and the new addition as a balance of blending and complementing. Matching brick and other color selections will blend and unify the complex, as will careful building scale articulation. The textures and massing of the addition, on the other hand, complement the present building while reflecting the changed needs and context of the Church. The exterior building materials consist of brick, bronze finish metal panels for roof and wall surfaces, and landscaped earth berms.

Piland Construction Co., Inc. of Newport News was general contractor and handled excavating, sodding, seeding, etc., foundations, carpentry, cabinets, waterproofing and roof insulation.

Subcontractors & Suppliers

From Newport News were: Benson-Phillips Co., Inc., concrete supplier, masonry supplier & mortar; Interior Systems, wall insulation; Deuell Decorating Co., Inc., painting contractor; Sherwin Williams Co., paint manufacturer; Noland Co., plumbing fixture/lighting fixtures/electrical equipment supplier; Newsome Air Conditioning Co., Inc., plumbing/heating/ventilating/air conditioning contractor; and A. M. Savedge Electric Co., electrical contractor.

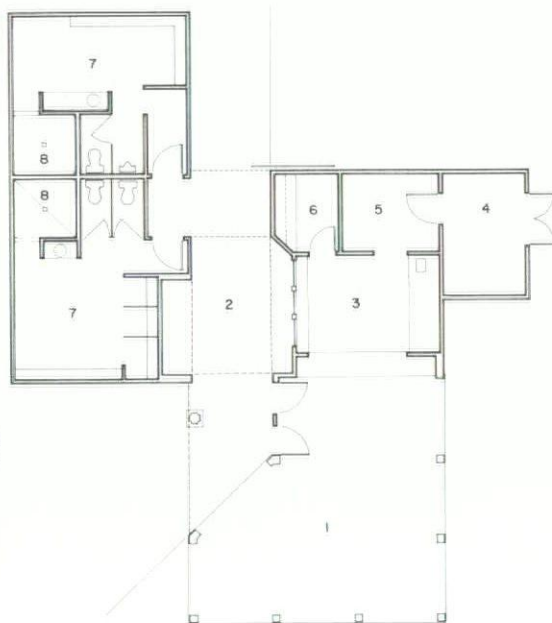
Others were: Hall-Hodges Co., Inc., Norfolk reinforcing; Webster Brick Co., Inc., Roanoke, brick manufacturer; Capital Masonry, Inc., Richmond, masonry contractor; Virginia Steel, Hampton, steel supplier & handrails; Guille Steel Products Co., Inc., Va. Beach, steel erection/joists/roof deck; Interior Systems, Hampton, caulking, other roofing, sheet metal & acoustical treatment; Walker and LaBerge Co., Inc., Hampton, glass, glazing contractor, windows, window wall, storefront; Door Engineering Corp., Norfolk, metal doors & frames, hardware supplier & specialties; Cherry Rug Company, Inc., Portsmouth, carpet; and Hankel Smith Sales Co., equipment.



North Beach Pool & Cabana

Brandermill — Midlothian

Freeman & Morgan, Architects



FLOOR PLAN

- 1 SCREENED PORCH
- 2 VENDING AREA
- 3 SNACK BAR
- 4 SERVICE YARD
- 5 STORAGE
- 6 OFFICE
- 7 DRESSING ROOMS
- 8 SHOWERS

The Brandermill Community, located in central Chesterfield County is following its master plan for development by creating neighborhood groupings within the larger community. Pool and recreation facilities serve as a focus for each neighborhood providing for community interaction and identity. The newest of these neighborhoods is North Beach built on a site overlooking the Chesterfield County Reservoir. The facility was a collaborative effort between the Brandermill Planning Department and Freeman and Morgan, Architects.

The pool and cabana were designed to accommodate swim meets as well as recreational swimming. Complete public amenities are provided as the cabana has a snack bar, dressing rooms, toilet and shower facilities, and a large screened porch from which to view swim meets or enjoy cool summer breezes off the lake.

Energy savings were realized by using a translucent plastic roof allowing the use of natural lighting, and siting the building to take

advantage of summer breezes. Owing to its single season use, a heating system was not necessary which also reduces energy cost. Construction was wood frame with exposed wood trusses and stained wood siding built on a concrete slab.

Brandermill's commitment to quality design and building is reinforced by the fact that this facility was awarded a Gold Medal in the Public Pool Category in a design competition held by the National Swimming Pool Institute.

Virginia Heritage Construction Co., Inc. of Midlothian was general contractor for the project.

Subcontractors & Suppliers (All Richmond firms)

A. E. Allen, concrete contractor; Harry N. Smith, carpentry; W. H. Scott & Assoc., special flooring; L. W. Kidd, painting contractor; Jo-Pa Company, swimming pool; Gundlach Plumbing & Heating Co., Inc. plumbing contractor; and Sound Electric Co., electric contractor.

Associated or Consulting Architect, Brandermill Planning Department • Landscape Architect, C. Plaxco • Mechanical Engineer, Wagner & Jones • Electrical Engineer, Wagner & Jones • General Contractor, Virginia Heritage Construction Inc. • Photography, Morgan & Assoc./Llewellyn





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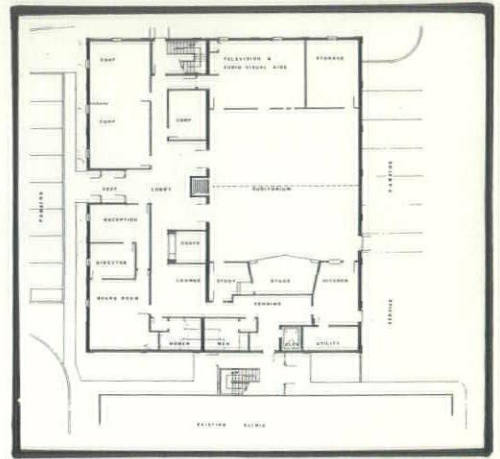
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Lewis-Gale Medical Foundation Salem

T. A. Carter, Jr. — Architect

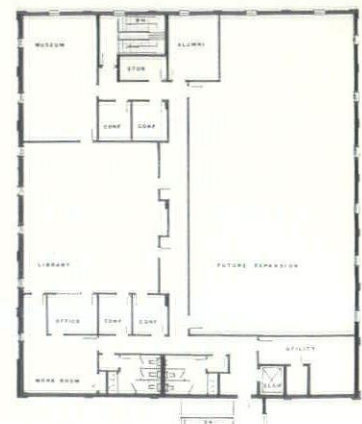
Project Architect, Robin R. Dearing, AIA • Interior Design, VanBlaricom Designs, Inc. • Structural Design, Richard L. Williams • Mechanical Design, T. A. Carter, Jr. • Electrical Design, T. A. Carter, Jr., • General Contractor, Q. M. Tomlinson, Inc.

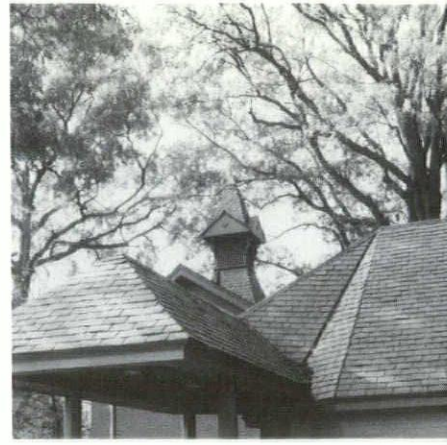
Lewis-Gale Medical Foundation in Salem, is a dream that is soon to come true. In the early 1960s, members of the board of directors of the Lewis-Gale Clinic and Hospital recognized their responsibility to develop educational programs for their staff, local physicians, lay medical organizations, and patients. The result of this commitment was the chartering, in 1964, of the Lewis-Gale Medical Foundation.

The foundation's board of directors, officers and all working committees are composed of area lay and medical leaders who give freely of their time, talents and resources. The paid staff consists of a part-time executive secretary and the first full-time executive director, Mr. Jim Gentry, who was appointed October 1, 1979.

The three main goals of the foundation are: to promote and provide continuing medical education for the lay and medical community; to aid, through the awarding of scholarships, needy and worthy students who hope to enter some phase of the medical profession; and finally to

(Continued on page 45)

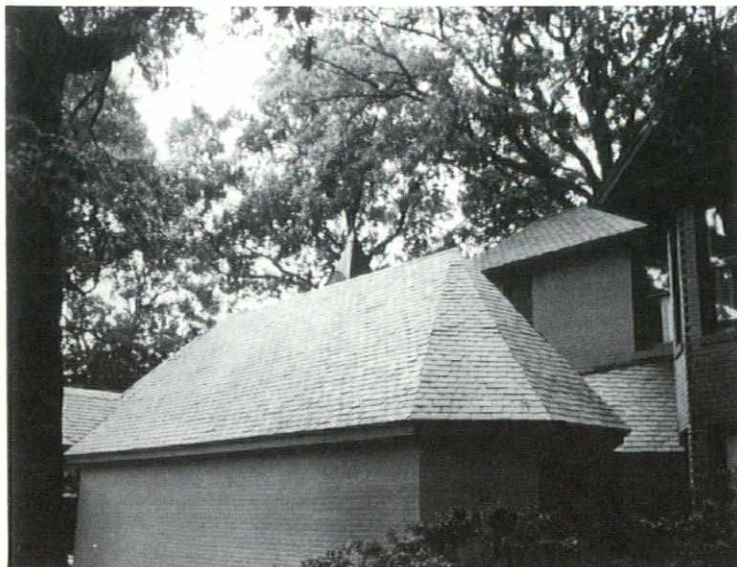
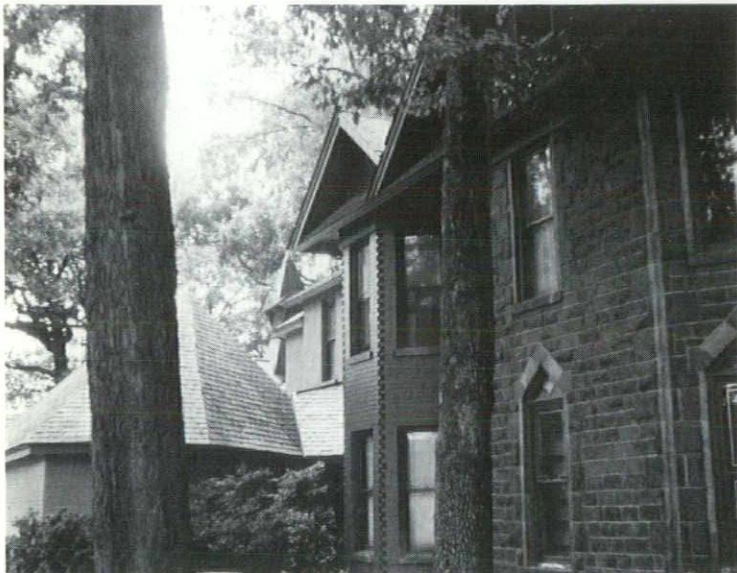




Orthopaedic Clinic

Drs. McDowell & Macys — Richmond

Jones & Strange-Boston — Architects/Engineers



Landscape Architect, Wilson-Moreth Partnership
Interior Design, Margery Freas Interiors, Inc.
Mechanical Engineer, Jones & Strange-Boston
Electrical Engineer, Jones & Strange-Boston
Structural Engineer, Jones & Strange-Boston
General Contractor, Heyward Construction Co., Inc.
• Photography, Jones & Strange-Boston.

Originally built in 1895, this handsome Victorian residence with its adjacent garden was placed on the National Historic Register. Its ideal location in proximity to hospitals, public transportation, main east-west and north-south traffic arteries, and across from the Virginia Museum of fine arts led to its selection by the clients, Dr. Charles L. McDowell and Dr. Joseph R. Macys, for adaptive reuse as an orthopaedic clinic.

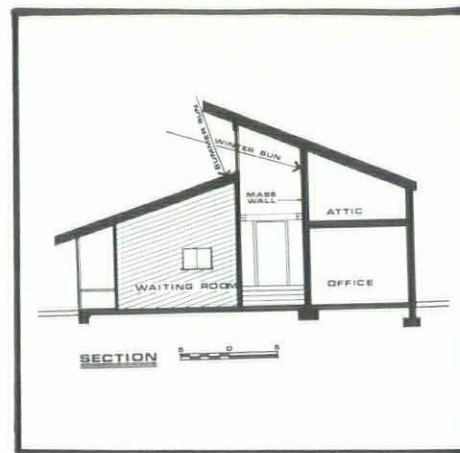
Extensive work with the City Planning Department led to relocation of the garden to the forward edge of the property to permit parking, and to preserving all major trees, key site elements in the block-long complex of fine Victorian structures.

The building is brick and stone veneer over wood frame and, aside from the expected obsolescence in mechanical and electrical systems appeared on first inspection to be in good condition. Surprise discoveries in construction were the extensive termite damage in the carriage house, and the amount of broken plaster keys.

(Continued on page 45)







Dental Office

Howard L. Kesser, DDS — Norfolk

The Design Collaborative/Laszlo Aranyi — Architect

Interior Design, Arlene Kesser • General Contractor, Brinster Construction Corp. • Photography, Roy Mann.



an abandoned service station in Norfolk was purchased by Dr. Howard Kesser for the purpose of remodeling it into the feasibility of doing such a conversion.

Solar Consideration

It was discovered that the front of the building was facing due south making it a good candidate for solar application. It was decided to make the building a "passive" solar building by taking advantage of the heat from the sun naturally, letting the sun shine in when it is cold outside and screening the sun out in the summer. This is possible because of the varying positions of the sun as shown on the cross section.

Office buildings are particularly adaptable to solar heating since generally they are in operation only during the day and at night the temperature can fall much below comfort level.

The operatories on the south side have high windows for direct solar gain, while the central corridor receives solar heat through the clerestory windows. Because of the so-called "greenhouse effect" the sunlight changes into heat when it passes through glass and the masonry mass wall absorbs some of this heat. The temperature of the air will also rise and this warm air is recirculated through the duct system. If temperature rises above comfort level, outside air can be introduced into the building.

The north side of the building is windowless and the original masonry wall was covered with rigid insulation on the exterior surface and finished with Dryvit (synthetic stucco).

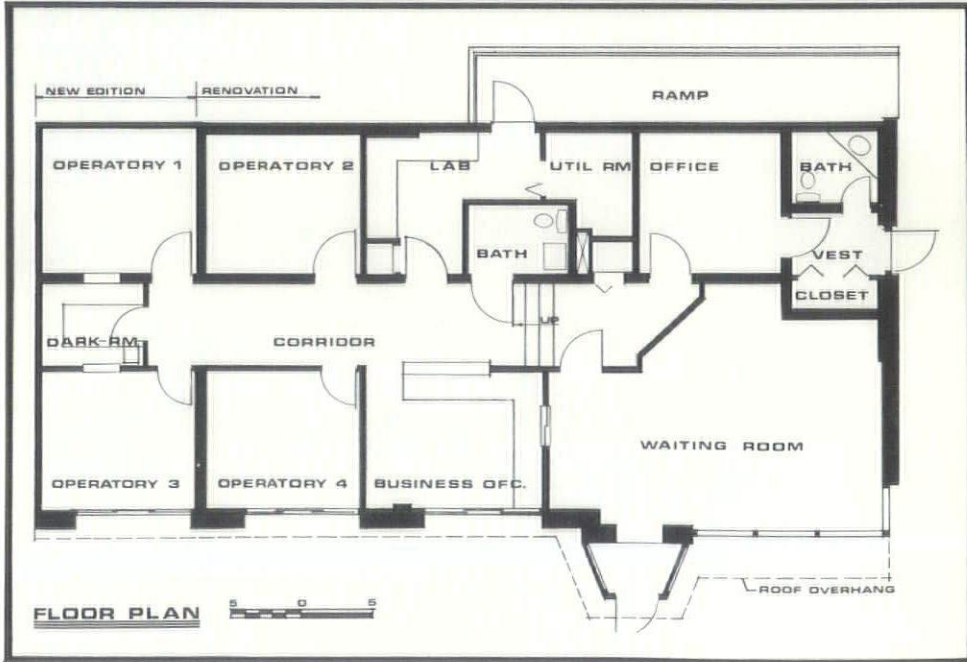
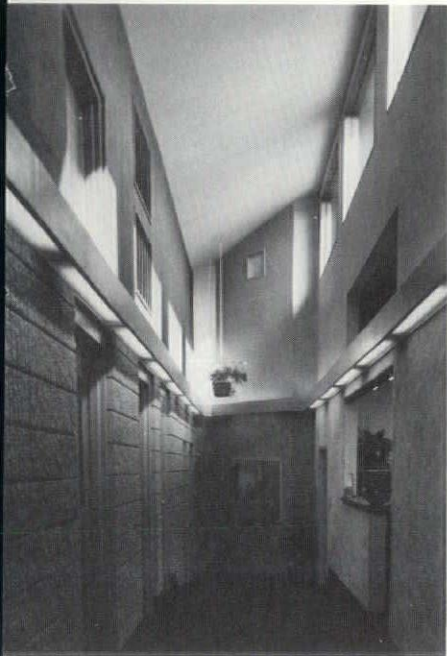
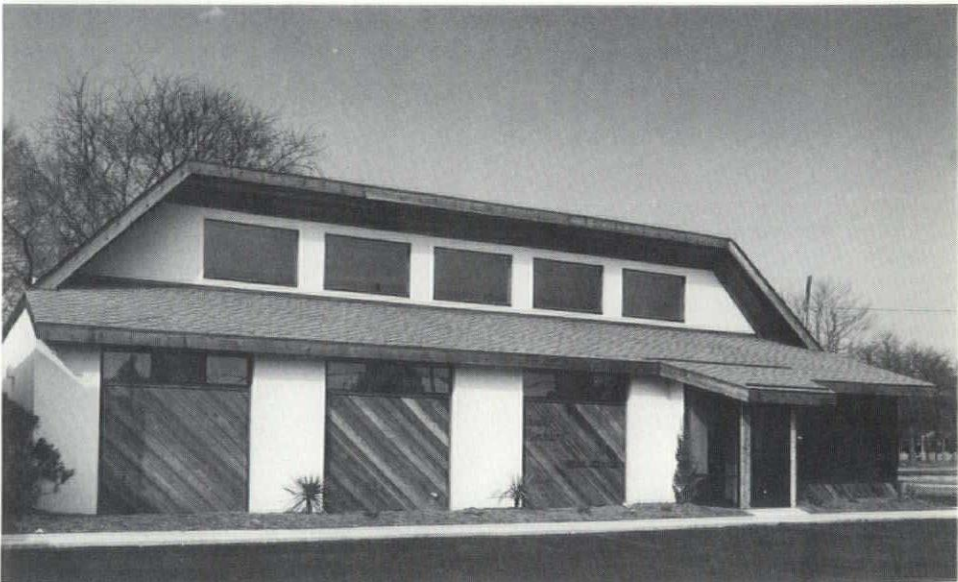
Finishes

The interior walls were finished with a light colored vinyl wall covering and wood siding to avoid future maintenance. Most of the floors are carpeted.

The exterior of the building is finished with cedar siding and Dryvit.

Construction

The new partitions and roof framing are of conventional wood construction. The floor under the operatories was raised to provide room for piping and ductwork. Existing masonry walls were left in place where possible, but were refinished inside and outside. The original building contained 1500 square feet which proved to



small; consequently, a 300 square foot area was added on the left side.

Conclusion

To the best of the architect's knowledge this is the first "passive" solar commercial building in the Tidewater area. The inclusion of these passive solar features have cost very little extra. An added benefit was gained through the unusually bright interiors reducing the need for artificial lighting.

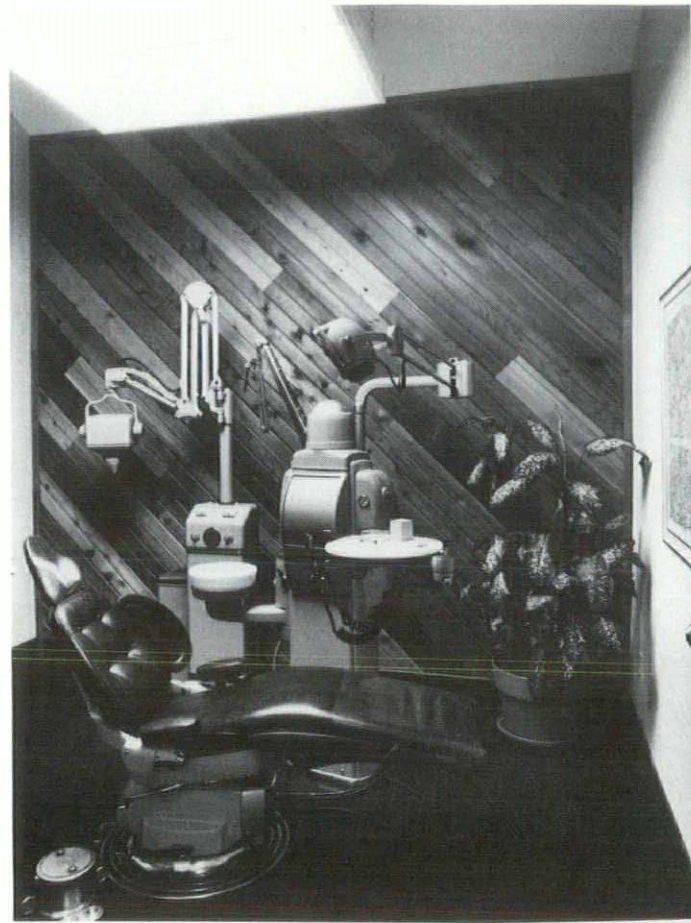
Brinster Construction Corp. of Virginia Beach was general contractor and handled excavating, foundations, concrete work, reinforcing, steel erection, caulking and carpet.

Subcontractors & Suppliers

From Virginia Beach were: Economy Asphalt, paving contractor; Sadler Materials Corp., concrete supplier; Wade Masonry Co., masonry contractor; Taylor Roofing, miscellaneous metal, waterproofing, built-up roof & sheet metal; Ayers Insulating & Supply Co., Inc., roof/wall/foundation insulation; Kempsville Building Materials, Inc., wood doors; Greenwich Supply, Window and Door Div., Capitol windows; Governor Barnes, gypsum board contractor; Ernie Dove, painting contractor; Princess Anne Plumbing & Electrical Supplies, Inc., plumbing fixtures & plumbing contractor; and M. Levinsky Electrical Contractor, electrical contractor.

Norfolk firms were: Lone Star Industries, Inc., exterior masonry supplier & mortar; Chesapeake Steel, Inc., steel supplier; Addington-Beaman Lumber Co., Inc., structural wood; The Top Shop, millwork & cabinets; Binswanger Glass Co., glass, glazing contractor & storefront; Door Engineering Corp., metal doors & frames & hardware supplier; Duron Paints & Wallcoverings, paint supplier (Duron paints & Josephson wall covering); Climatedmakers, Ltd. of Va., heating/ventilating/air conditioning contractor; Atlantic Electric Corp., lighting fixtures supplier; Johnson & Vellines Dental Supply Corp., dental equipment; and Creative Interiors, chairs & desks.

Others were: Smithfield Gardens, Inc., Smithfield landscaping & landscaping contractor; Adams Concrete Products Co., Raleigh, NC, interior masonry supplier; William S. Fulford, Newport News, carpentry; and Cantrell Fixtures, Atlanta, GA, dental cabinets.





Rorer Residence

Peacock Hill, Ivy

Frank Folsom Smith & Partners — Architect

General Contractor, Richard J. Funk Builder, Inc.
• Photography, Pamela Heatley.

The program for the Rorer Residence called for a low-maintenance, contemporary home which the clients wanted to be "as natural as possible" and still reflect their informal, but meticulous life style. Both Mr. and Mrs. Rorer are in administrative positions with the University of Virginia and there are two teenage children. The program needs required three bedrooms, two baths, a study, and a large open living and dining area for entertaining. Aware that upcoming graduations would leave them a reduced household, the Rorers requested that the children's living quarters be segregated from the main house. In addition, the clients wanted their home to be harmonious with its surroundings with attention given to energy efficiency.

The two acre site is located in Peacock Hill, a planned contemporary community just west of Charlottesville. It is a steeply sloping mountain-side lot with a good southern exposure but with large rock outcroppings and mature trees that demanded careful siting. Overlooking the Ivy Valley the site offered spectacular views of the Blue Ridge and Ragged Mountains. The developer of Peacock Hill, Frank Folsom Smith was also the architect chosen and a natural architect/client relationship existed since Mr. Smith had been the architect for an earlier Rorer home.

This previous relationship was evident in the design development stage where the client's personal tastes and concern for detail were quickly articulated and utilized in the decision making process.

Special care was taken in siting the house. The residence is nestled snugly in amongst large boulders and mature hardwoods. Decks and walkways were used to complete the successful anchoring of the house to the landscape.

Large south-facing windows offer passive solar benefits and the views serving as the focus for the living and entertaining area. Interior spaces were arranged to insure constant indoor/outdoor visual interaction. A mid-level entrance foyer separates the upper main floor,



with its high ceilings, living areas and master bedroom suite from the children's quarters on the ground floor. The main floor is arranged around a central kitchen with the master suite tucked into the mountainside and the living area facing out towards the view. The master bedroom opens onto a natural rock garden and the master bath has a full glass wall over a sunken tub facing the forest. The desire for low-maintenance is reflected in the materials and the mechanical system includes a heat pump for efficiency.

Richard J. Funk Builder, Inc. of Charlottesville was general contractor and handled carpentry. The owner handled landscaping.

Subcontractors & Suppliers

(Charlottesville firms unless noted)

Whitefield Morris, Ivy, excavating; James L. Chisholm, Excavating Contractor, paving contractor; Barnes Lumber Corp., foundations; S. H. Herring Masonry Contractor, concrete contrac-

tor; Allied Concrete Co., concrete supplier; Roger Rogan-John Mossholder, Free Union, stone work contractor/supplier; Kenneth L. Sprouse roof deck; Better Living, Inc., millwork, wood doors & windows; Hall Brothers, Inc., cabinets; Davenport Insulation, Inc., wall and insulation; and Charlottesville Glass & Mirror Corp., glass & glazing contractor.

Also, Martin Hardware Co., hardware supplier; Frank E. Ware Plastering-Drywall Contractor, gypsum board contractor; Richard A. Oliver & Sons, Inc., ceramic tile; Floors by US, Inc. resilient tile; Custom Decorators, painting contractor & paint supplier (Olympic stain); Nolan Co., plumbing fixture supplier; Pete's Plumbing & Heating, plumbing contractor; Ray Fisher & Ron Martin Inc. heating/ventilating/air conditioning contractor; Piedmont Electric Supply Corp., lighting fixtures/electrical equipment supplier; and Ryalls Electric Co., Inc., electrical contractor.



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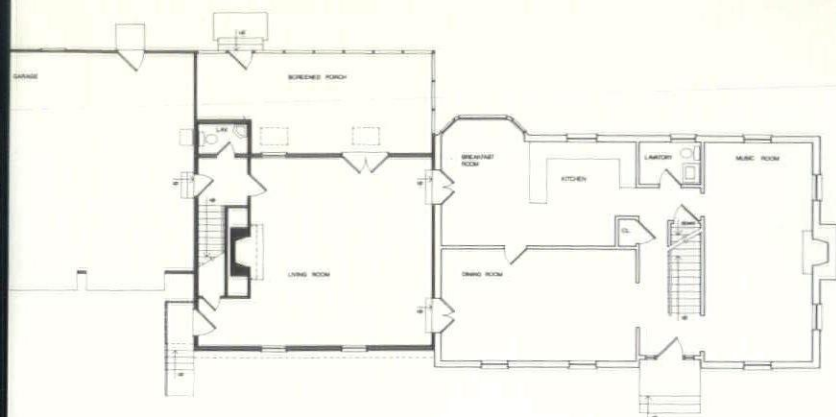
Residential Addition

Mr. & Mrs. W. H. Fishback, Jr. — Charlottesville

John B. Farmer, Jr., AIA — Architect



Landscape Architect, The Owner • Interior Decorator, The Owner • Mechanical Engineer, John B. Farmer, Jr., AIA • Electrical Engineer, John B. Farmer, Jr., AIA • Structural Engineer, Dunbar, Milby & Williams • General Contractor, Richard J. Funk, Builder, Inc. • Photography, John B. Farmer, Jr., AIA & (plans) Kaminer and Thomson, Inc.



FIRST FLOOR PLAN



SECOND FLOOR PLAN

Mr. and Mrs. Fishback wanted to enlarge their home and make certain alterations to improve the quality of the existing structure. Their program for new construction called for a garage, screened porch, living room, master bedroom, dressing room and 1½ baths. The alterations consisted of the removal of a small study in the northeast corner of the house, creating an expanded dining room, and the connection of the upstairs hall with the new bedroom. The latter change required new closets on the east end of the house for the existing bedroom and living room. The closets were accommodated inside the addition by converting existing window openings into door openings. The addition and alterations have given Mr. and Mrs. Fishback a comfortable home, well suited for entertaining and for the varied activities of each family member.

The existing structure is a two-story, brick veneer home with a gambrel roof, covered in cedar shakes. Early in the design process the decision was made not to try to match the building materials or roof shape. Instead, compatible but different materials were chosen. The roof of the addition varies. The main block, containing the living room and bedroom, has a gable roof that follows the upper pitch of the existing gambrel. The garage is covered by a steeply pitched gable, and the screened porch by a single pitch roof. The addition is set back in two stages from the existing front wall of the house. The setbacks, the roof shapes and the change in materials contribute a certain variety to the expanded home. At the same time, com-

patibility is achieved through the use of color, details and respect for the lines of the existing building. There is an unmistakable difference between old and new, but the integrity of each is successfully retained.

The addition is clad in cypress siding and covered by a metal roof. Construction consists of 2 x 6 wood frame walls built over a crawl space, and 2 x 4 framing for the garage walls, which has a slab on grade. The screened porch is all cypress—floor, walls, ceiling and screen-wire divisions. Skylights in the porch roof bring natural light into the living room, while the porch itself protects the living room from the hot summer sun. Located on the south side of the addition, and protected by the structure, the porch is usable from early spring until late fall.

Inside, the addition is finished with gypsum board walls and ceilings, and hardwood floors. Traditional moldings, similar in design to the ones found in the older house, are used throughout. The living room mantle was designed especially for this project and built on the site by the general contractor. Ceramic tile is used in the upstairs bath and shower, and resilient flooring in the dressing room and half-bath. The owner selected off-white and soft Williamsburg colors for the areas that are painted.

As a part of the construction work, the existing driveway was re-located and expanded to accommodate extra parking. Surface drainage required careful attention by the general contractor and, later, by the owner when landscaping the property. Seen now, a year after initial completion, the Fishback house with its addi-

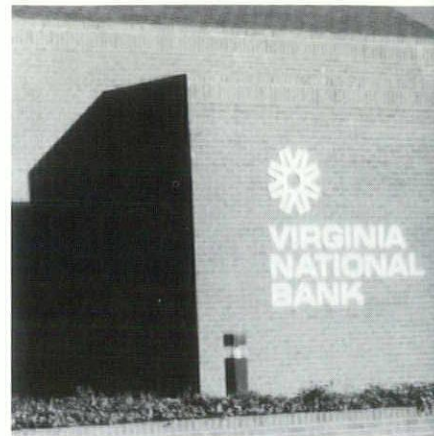
tion and landscaping (as expected) fits comfortably into its mature neighborhood, just outside the city of Charlottesville.

Richard J. Funk, Builder, Inc. of Charlottesville was general contractor and handled foundations, carpentry, waterproofing, caulking and roof and wall insulation.

Subcontractors & Suppliers (Charlottesville firms unless noted)

James L. Chisholm Excavating Contractor, excavating; C & G Paving Co., Inc., Batesville, paving contractor; S. H. Herring Masonry Contractor, concrete contractor; Allied Concrete Co., concrete supplier, masonry supplier & mortar; H.T. Pippin, masonry contractor; Roger Rogan & John Mossholder, stonework contractor; Harry A. Wright, steel grating; Better Living, Inc., millwork, wood doors & windows; Hall Brothers, Inc., cabinets; and Kenneth E. Sprouse, metal roofing & sheet metal.

Also, Martin Hardware Co., hardware supplier; Frank E. Ware, Plastering & Drywall Contractor, gypsum board contractor; Richard A. Oliva & Sons, Inc., ceramic tile & resilient tile; Custom Decorators, painting contractor; Meadowbrook Hardware, paint supplier (Martin Seymour paints); Noland Company, plumbing fixture supplier; Pete's Plumbing & Heating, plumbing contractor; James T. Smith, heating/air conditioning contractor; Piedmont Electric Supply, lighting fixtures supplier; Ryalls Electric Co., Inc., electrical contractor; Driwood Moulding Co., Florence SC, wood mouldings for custom mantle; and Coleman Floor Service, hardwood floor finishing.



Virginia National Bank

Lawrenceville

Moseley -Hening Associates, Inc — Architect

Interior Design, American Furniture & Fixture Co. Inc. • Mechanical Engineer, Wm. G. Brandt, Jr. Assoc. • Electrical Engineer, Wm. G. Brandt, Jr. Assoc. • Structural Engineer, Dunbar, Milby, Williams • General Contractor, Kenbridge Construction Co., Inc. • Photography, Huffman Studio

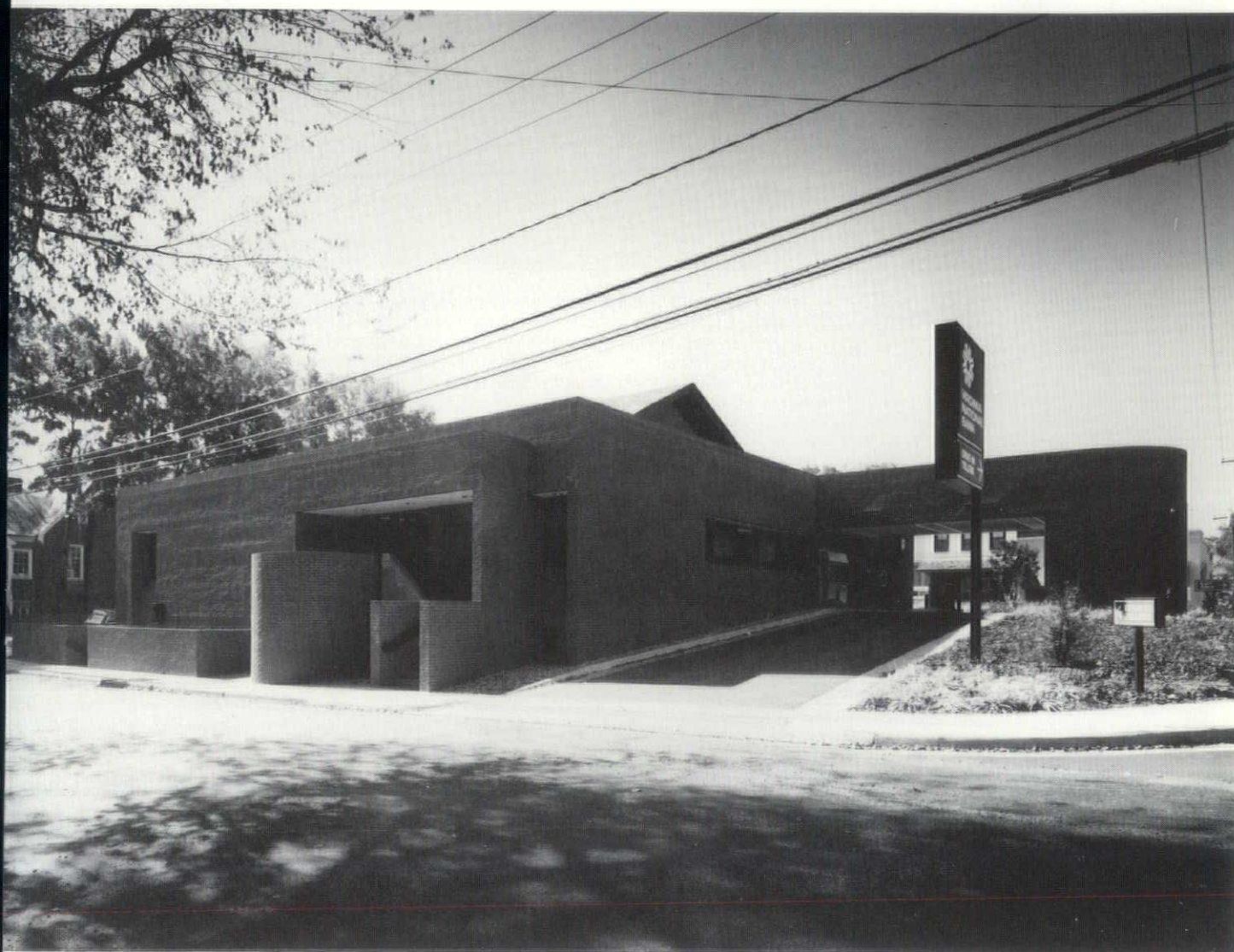
When directors of the state's largest banking institution decided to improve facilities for the customers in Lawrenceville, the problems of time and convenience surfaced. A study by the architect, Moseley-Hening Associates, Inc., revealed that the process of improving existing facilities would severely inconvenience customers and much-desired new services, including drive-in banking, would be virtually impossible.



because of site and expansion limitations. After deciding a new building was the best solution, the new site had to be obtained. This created a "musical chairs" effect for sites in the downtown area and a site was subsequently purchased from a local service station owner next to the courthouse.

With these problems solved, MHA, Inc. set about the process of designing a modern, efficient, convenient building to serve local residents and businesses. The new building had to be convenient and responsive for both walk-in and drive-in customers needing assistance with every service from checking and savings to loans and safe deposits. The design would need to reflect a modern atmosphere while complementing historic and traditional neighbors. The owner, the community, and the architect feel their mission has succeeded.

The old and new are blended in design elements of form, material, and atmosphere. Locally produced brick that looks similar to that used in the construction of historic Brunswick Courthouse next door, is used along with slate roofing above the two-story banking lobby. Inside, the cathedral ceiling of the banking lobby is finished in oak. Private offices for bank officers are located on the main level and on the





lower level where there is also a conference room and board room. The number of safe deposit boxes was increased and booths for private box examination were designed into the new structure. A semi-circular conference room located off of the main lobby is available to customers discussing financial matters in private with their banker. Two drive-in banking lanes are accessible, for quick service, to customers not wanting to leave their cars.

Two elements particularly community-oriented were incorporated in the new design. Glass-fronted display cases line the entrance vestibule to display a constant array of exhibits by local residents, from school children to senior citizens. The long-remembered three-sided clock which has chimed every 15 minutes for the last 60 years was taken from above the front entrance of the old bank, refurbished, and mounted on a new pedestal at the entrance court of the new building.

Kenbridge Construction Co., Inc. of Kenbridge was general contractor and handled concrete work, foundations, concrete supply, masonry work, carpentry, foundation insulation and equipment.

Subcontractors & Suppliers

W. N. Yeatts, Long Island, Va., excavating, sodding, seeding, etc., landscaping & landscaping contractor; Short Paving Co., Inc., Petersburg, paving contractor; Bethlehem Steel Corp., reinforcing; Brick & Tile Corp. of Lawrenceville,

Lawrenceville, masonry manufacturer; Riverton Corp., Riverton, mortar; Hercules Steel Co. Inc., Jarratt, steel supplier/erection/joists/roofs/deck, miscellaneous metal & handrails; Virginia Plastering Co., Fredericksburg, steel stud construction, wall insulation (stud walls) & gypsum board contractor; and Weaver Bros., Inc., Newport News, millwork, cabinets & wood doors.

Also, Western Waterproofing Co., Inc., Richmond, waterproofing; Commercial Caulking Co. Richmond, caulking; L. H. Wingfield Roofing Metal Co., Kenbridge, built-up roof, slate roofing, roof insulation/roof accessories & sheet metal/flashing; Virginia Auto Glass Co., Chesapeake City, glass, glazing contractor, aluminum windows/doors/frames, window wall & storefront and Roanoke Engineering Sales Co., Inc., Richmond, metal doors & frames, firefighting equipment & toilet accessories.

Architectural Hardware, Inc., Richmond, hardware supplier; The Floor Shop, Inc., Farmville, ceramic tile, acoustical treatment, resilient tile & carpet; M. P. Barden & Sons, Inc., painting contractor, paint supplier (Benjamin Moore Co. paint) & wall covering; Cates Building Specialties, Inc., plastic laminate toilet partition; Dover Elevator Co., Richmond, elevators; Daniel Brothers, Lawrenceville, sprinkler/plumbing/heating/ventilating/air conditioning/electrical contractor & lighting fixtures/electrical equipment supplier; and Noland Company, Lynchburg, plumbing fixture supplier.

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Stratford Hall Plantation Plans Open House on Independence Day

• Stratford Hall Plantation, historic home of Lee family, has scheduled a Free Open House July 4, 1980. There will be tours from 9 a.m. to 4:30 p.m. Visitors may bring a picnic lunch or purchase lunch at the Plantation Dining Room.

Stratford Hall is located just off of State Route 3 on State Route 214, six miles northwest of Montross, in Westmoreland County and 42 miles southeast of Fredericksburg.

For further information and/or a free brochure, write: Robert E. Lee Memorial Association, Stratford Hall Plantation, Stratford, Virginia 22558.

Many Events on Schedule In Roanoke

• Always a busy place, Roanoke has scheduled events for June and July that should be of interest to many tastes. The following listing has been provided to us by the Roanoke Valley Chamber of Commerce.

EVENTS FOR JUNE 1980

June 6-8

Festival XI. Festival in the Park — Art, Music, etc. Elmwood Park, Jefferson at Elm Avenue. Contact: Carole Eviatts (703) 362-3045.

June 11-14

"Brigadoon" — Muscial Comedy presented by the Showtimers at Olin Hall, Roanoke College Campus. (703) 774-2660, or Betty Garretson 774-4808.

June 23-28

Roanoke Valley Horse Show. Salem-Roanoke County Civic Center. Contact: Marge Glick 774-4808.

EVENTS FOR JULY 1980

July 2-5

"The Sorcerer" Presented by the Showtimers at Olin Hall, Roanoke College Campus. (703) 774-2660 or Betty Garretson at 774-4808.

July 10-12

Miss Virginia Pageant. Roanoke Civic Center Auditorium. This is a scholarship pageant for girls in the state. Three nights of competition in talent, swim suit and evening gowns. Contact: Roanoke Valley Chamber of Commerce, 14 West Kirk Avenue, Roanoke, 24011 (703) 344-5808 p.m. each evening.

July 23-26

"California Suite" Neil Simon comedy presented by the Showtimers at Olin Hall, Roanoke College Campus. (703) 774-2660 or Betty Garretson 774-4808.

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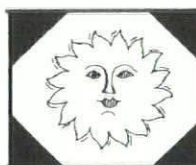
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WOODLAWN PLANTATION, July 12 and 13, 1980.

7:30 P.M. to 10:00 P.M.

In quiet evenings, when the day's work was over, the residents of Woodlawn Plantation retreated to the music room to relax around the fireplace as they listened to various musical instruments. The residents were George Washington's foster daughter and nephew. When they were married, Washington gave them the site of the house, originally a part of his Mount Vernon estate.

The sound of music will once again be heard at Woodlawn Plantation on July 12th and 13th from 7:30 P.M. to 10:00 P.M. Guests are invited to enjoy a picnic supper, tour the mansion by candlelight, enjoy the singing of a large choral group alternating with a harpist, and sip a glass of champagne in an atmosphere reminiscent of the days when Nelly Custis, Martha Washington's granddaughter, a talented musician and gracious hostess, was first mistress of Woodlawn. Admission, including champagne: \$3.50 for adults and \$1.75 for children through age 16.

Woodlawn Plantation, a property of the National Trust for Historic Preservation, is located about 10 miles west of Mount Vernon at the intersection of U.S. Highway #1 and State 235S. Free parking.

For more information, call or write the administrator, Woodlawn Plantation, P. O. Box 1, Mount Vernon, Virginia 22121, (703) 557-7881.



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Lane Re-elected President Of Contractors' Group

• James F. Lane, president of Atomic Plumbing & Heating Company of Virginia Beach, has been re-elected president of the Virginia Association of Plumbing-Heating-Cooling Contractors. The election was held in conjunction with the association's annual meeting held March 15 at the Cavalier Hotel in Virginia Beach.

Other officers, also re-elected to another term, are Charles W. Fields, Jr., president of C. W. Fields & Sons, Inc. of Arlington, 1st Vice President; Harold T. Cothran, Jr., Vice President of J. H. Cothran Co., Inc., of Altavista, 2nd Vice President; Bernard Alton Kemp, president of Kemp's Plumbing & Heating Corp., of Norfolk, Secretary.

Leroy D. Demaree, president of Northern Virginia Plumbing Corporation of Alexandria, was elected Treasurer.

The association also elected seventeen directors to serve on its board next year. Eight of the new members will be serving a first term, while the other nine served on the board the previous year.

The association holds its annual meeting, usually in March, each year in conjunction with a two day educational program.

SECDA Elects Officers

• Lawrence P. Johnson, Jr., Director of Community Development with the Virginia Division of Industrial Development, was elected President of the Southeastern Community Development Association (SECDA) at the organization's annual conference which was held April 30-May 2, 1980 at Virginia Beach.

Serving with Johnson will be Max Smurthwaite, Manager of Community Assistance for the South Carolina State Development Board in Columbia, as Vice President; Mrs. Shirley Wilmoth of Richmond, Secretary; and Beverley T. Fitzpatrick, Jr., Assistant Vice President of First National Exchange Bank of Roanoke, Treasurer.

In addition Thomas N. Waller, Executive Director of the Suffolk Industrial Development Authority and Jack E. Dorman, Jr., Director of Community Services for the City of Manassas Park were elected Directors of the association representing Virginia.

Founded in 1952 to provide a forum for the exchange of ideas about all phases of community development, both rural and urban, the Southeastern Community Development Association includes members from thirteen states. Its members include college professors, professional industrial developers, bankers, federal, state and local officials, agriculturists, and regional, state and local planning officials.

Johnson will take office on July 1, succeeding A. James DeBellis, Director of the Department of Economic Development for the City of Virginia Beach.

Feathered Friends Help Welcome Spring

"Spring is sprung, the grass is ris',
I wonder where the birdies is?"

—Anon.

• The whereabouts of over 23 million dome feathered friends this Spring is no great mystery. Over eight million American homes welcomed a wide variety of tweeters and songsters last year, and many more of the colorful creatures are expected to be singing their way into homes this spring.

According to the Pet Information Bureau, New York, now that the cold drafts of winter have been replaced with warm spring breezes, there is no better time to introduce a fine feathered friend to your home. Canaries, delicate finches, budgerigars (parakeets) and certain small parrots can be a striking and musical addition to any home.

If you've been thinking of brightening your home with one of the many bird species available, the following suggestions might be helpful.

When you do begin shopping for a new feathered friend, whether at a pet shop or a breeder, it is best to select a bird with sleek plumage, bright eyes, and an alert, inquisitive manner. Try to find a young bird as they are apt to be more responsive than an older bird. If you are looking for a songster it is best to get a male canary, as they are the singers of the species. The best talker is a mynah bird.

It is usually no problem matching males with females, if breeding is your aim.

Whether you choose a cage intended for a single bird or a pair, or decide to build an aviary, remember the pet must have enough room to move from one perch to another, and the cage must be kept very clean, free of drafts and out of direct sunlight. Even though birds can become acclimated to various climates, they can not tolerate extreme or sudden changes in weather.

Inside the cage, the Pet Information Bureau recommends at least two perches, and easy clean ceramic dishes. A few toys, swings, bells and mirrors are welcome in a budgie cage. It may be hard to imagine, but your bird needs human companionship almost as much as does a dog.

Make sure droppings are cleaned every day to prevent disease. Water and food dishes should also be cleaned daily before refilling. To play safe, thoroughly clean the entire cage weekly.

One common misconception about birds concerns eating habits. Many birds die of malnutrition because their owners feed them seeds only. Some species not only like, but require a diet supplemented with fresh fruit and vegetables. Oranges, apples, bananas, cherries, celery, carrots or leafy greens should be offered as part of the bird's diet depending upon the species. Because birds don't have teeth, it is important for them to have grit, or granite gravel, to digest food. Cuttlebone placed somewhere in the cage for canaries and parakeets will help prevent the pet's beak from becoming too long, will provide necessary calcium supplements, and help the digestion process.

Whether you obtained your pet as a color addition to fill the home with song, or as a talking companion, make sure you give it the constant attention it needs.

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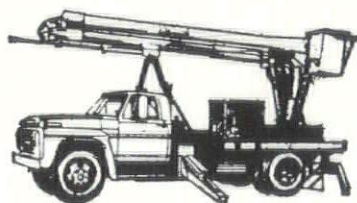
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Woodrow Wilson Junior High School

(From page 19)

for the old and new spaces were divided between the contractor and school maintenance personnel. Carpet and vinyl asbestos tile were used for most floors, with ceramic tile in new and remodeled restrooms. Acoustic panels and floor slab treatment were used in the band room and media center, and new auditorium seating was installed. All new spaces are air conditioned and have lay-in acoustical tile ceilings.

The Woodrow Wilson Junior High School building is a prime example of how an "old, unmanageable school plant" becomes a workable plan through reorganization of functions; for

this effort, the Blue Ridge Chapter of the Virginia Society of the American Institute of Architects awarded the Roanoke City School System and VVCR Incorporated a First Honor for Excellence in Architecture.

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

Subcontractors & Suppliers

Prillaman Nursery, Martinsville, sodding, seeding, etc.; S. R. Draper Paving Co., Inc., Roanoke, paving contractor; Architectural Concrete, Daleville, prestressed concrete; Masonry Contractors, Inc., Salem, masonry contractor; Webster Brick Co., Inc. & Lightweight Block Co., Inc., Roanoke, masonry manufacturers/suppliers; Riverton Corp., Riverton, mortar; East Coast Steel Inc., Eastover, S.C., steel supplier/joists/roof deck/grating, other roof deck & miscellaneous metal; and Frederic Schill & Co., Pompano Beach, FL, millwork & wood doors.

Also, Leonard Smith Sheet Metal & Roofing Inc., Salem, built-up roof & sheet metal; Dynam Nobel of America, Northvale, NJ, other roofing, roof insulation; PPG Industries, Inc., Cockeysville, MD, glass, glazing contractor & window Engineering Sales, Inc., Bristol, TN, metal doors & frames; Southern GF Co., Atlanta, GA, window wall; and Cates Building Specialties, Inc., Roanoke, sliding gates.

Others were, Skyline Paint & Hardware, Inc., Roanoke, hardware supplier; Shields, Inc., Salem, plaster contractor, gypsum board contractor, acoustical treatment & resilient tile; Christiansburg Tile & Carpet, Christiansburg, ceramic tile; Discount Carpet Center, Roanoke, carpet; Elmer M. Jones, Painting & Decorating, Salem, painting contractor; Bruning Paint Co., Inc., Baltimore, MD, paint supplier; Millmaster Onyx Corp., Baltimore, MD, paint manufacturer; special wall finish; Roanoke Engineering Sales, Inc., Roanoke, demountable partitions; Wallace Brothers, Inc., Boones Mill, specialties; and Greensteel, Inc., Lorton, chalkboards & tack boards.

And, Steel Products, Inc., Richmond, locker; Dover Elevator Co., Greensboro, NC, elevator; Dillard Paper Co., Roanoke, plumbing fixture supplier; Temp-O-Matic, Inc., Vinton, plumbing heating/ventilating/air conditioning contractor; Westinghouse Electric Supply Co., Roanoke, lighting fixtures & electrical equipment supplier; Simplex Time Recorder Co., Roanoke, electrical equipment supplier; Newcomb Electric, Inc., Roanoke, electrical contractor; Wallace Brothers Co., Boones Mill, flagpoles; and Phillips Studio Roanoke, construction photographs.

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Lewis-Gale Medical Foundation

(From page 25)

develop a medical library and museum that is second to none.

The Foundation is on land adjacent to the existing Lewis-Gale Emergency Clinic. The building is a two-story structure designed for a future third floor. The first floor consists of classrooms, auditorium, audio-visual studio, reception, executive director's office, board room, restrooms and storage. The auditorium will seat 265 people for full forum programs or it may be divided into two areas by a sound-seal sliding door unit. The auditorium will also serve as a triage area in the event of a disaster.

The second floor will contain library, museum, alumni room, continuing education cubicles, restrooms and storage. The medical library will be the first public facility in the area to have a terminal connection direct to the medical search computer in Bethesda, Maryland. This service will be available to students as well as the entire medical community of the southwestern part of Virginia. Over 100 tapes are available at this time, over 50% of which were produced by the Lewis-Gale staff and personnel. These tapes, in conjunction with the Whitman Memorial Lecture Series and the Spring Scientific Program, will offer area physicians the opportunity to keep abreast of the latest medical advances. It should be noted that all active members of the Medical Society of Virginia are required to complete a minimum of 90 hours of approved continuing medical education every three years. The museum will be of interest in that it will house over 500 medical items already collected with additional space as the collection of medical items continues.

The design of the foundation is purposely related to the exterior design of the hospital and clinic with pier expression, window relationship and white brick, yet the building is separated from the clinic (with exception of a private passageway at the second level) to allow the foundation its own personal identity.

Construction will be totally financed by pledges and contributions and is estimated to begin in late March or early April with completion by early 1981.

Q. M. Tomlinson, Inc. of Roanoke is general contractor for the project.

Subcontractors & Suppliers
(Roanoke firms unless noted)

Thomas Bros., Inc., Salem, excavation; Concrete Ready Mixed Corp., concrete; Valley Steel Corp., Salem, reinforcing steel; Bolling Steel Co., Salem, structural & miscellaneous steel; John N. Yauger & Co., aluminum siding; South Roanoke Lumber Co., millwork; Valley Roofing Corp., roofing, sheetmetal & dampproofing; Norman Hall Associates, Richmond, precast panels; Diamond Glass Corp., Salem, aluminum entrance, glass & glazing & aluminum windows;

Skyline Paint & Hardware, Inc., hollow metal & finish hardware; Seybar, Inc., Martinsville, pass window & key cabinet; Rosenbaum of Roanoke, Inc., folding door & sliding door; John H. Hampshire, Inc., drywall; and C & B Painting & Decorating Co., Pound, painting.

Also, Roy C. Woods, wood parquet floor; Feather Tile Co., Inc., ceramic tile, slate & marble window stools; John H. Hampshire, Inc.,

resilient floors & acoustical tile; Augusta Steel Corp., Verona, toilet partitions, toilet accessories & projector screen; Lee's Lines Ltd., bulletin board; Swartz & Co., Inc., dishwasher; Dover Elevator Co., Greensboro, NC, elevator; Bud Weaver Heating & Air Conditioning, HVAC; Dickerson-Trent, Inc., plumbing; Magic City Sprinkler, sprinkler; and Jarrett Electric Co., Inc., electrical contractor.

Orthopaedic Clinic (From page 26)

resulting in a great deal of repair to finishes in the main house.

Planning a first class clinic operation within the existing residential layout, with the expansion constrictions of the site and eclectic styling of the building, provided the greatest satisfaction to the design team. The living room became the waiting room; the parlor served as reception, while the dining room was converted to X-ray and the kitchen to a cast room. The carriage house, with its highly stylized cupola, provided two examining rooms, and the addition, built between the original house and the carriage house, provided four more examining rooms and the nurses' station. Offices, computer room and conference space were located upstairs with little change in the original building.

A fresh bright color scheme using yellows, blues, red-oranges and browns was selected to emphasize the airy atmosphere of the tall ceilings inside the building, while the exterior brick is painted in warm pewter with natural cedar

doors and soffits to complement the existing grey stone veneer.

Heat pumps are located in the attic of the main house and in the carriage house loft to serve the building in three zones, while the original boiler and hot water radiator system remains in place to supplement the heat pumps.

Heyward Construction Co., Inc. of Richmond was general contractor for the project.

Subcontractors & Suppliers
(Richmond firms unless noted)

Commonwealth Paving Co., Ashland, paving contractor; Charles Manning, concrete contractor; Troy Masonry, masonry contractor; Miller Manufacturing Co., Inc., millwork; Smith Brothers Roofing Co., roofing; Architectural Hardware, Inc., hardware supplier; Fendley Floor & Ceiling Co., resilient tile; James K. Bair Plumbing & Heating, plumbing contractor; Howell's Heating & Air Conditioning, Ashland, air conditioning contractor; G. E. Paine Electric Co., Inc., Mechanicsville, electrical contractor; and Automatic Equipment Sales of Va., Inc., Carrier heat pumps.

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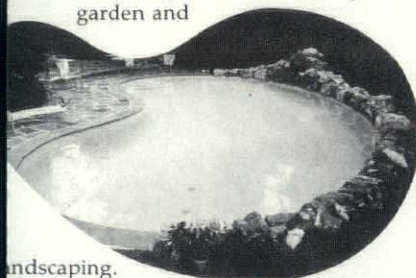
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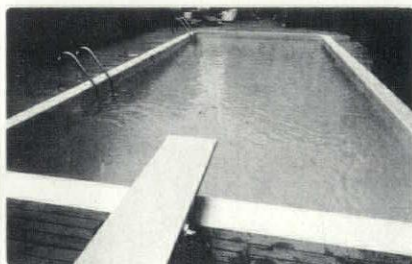
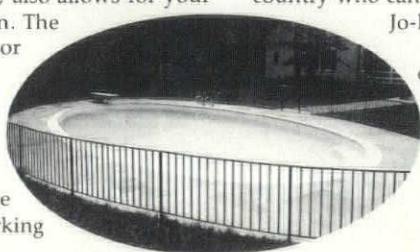
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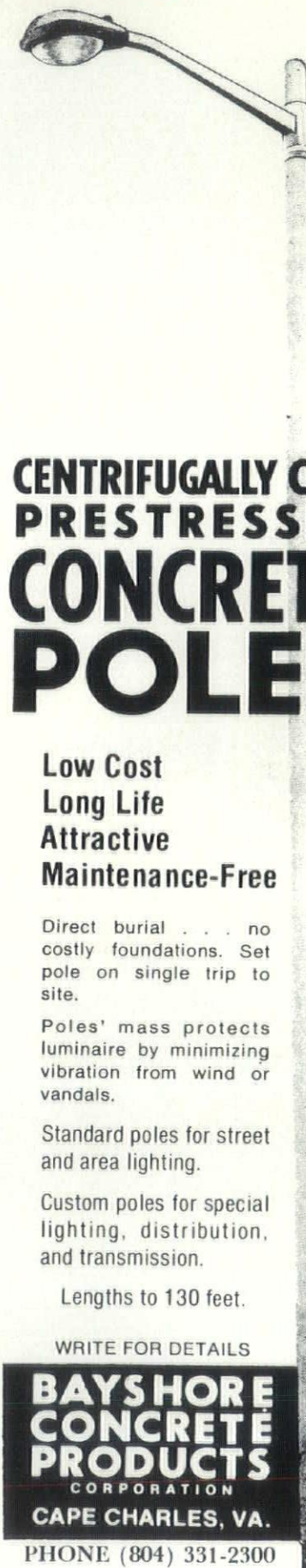


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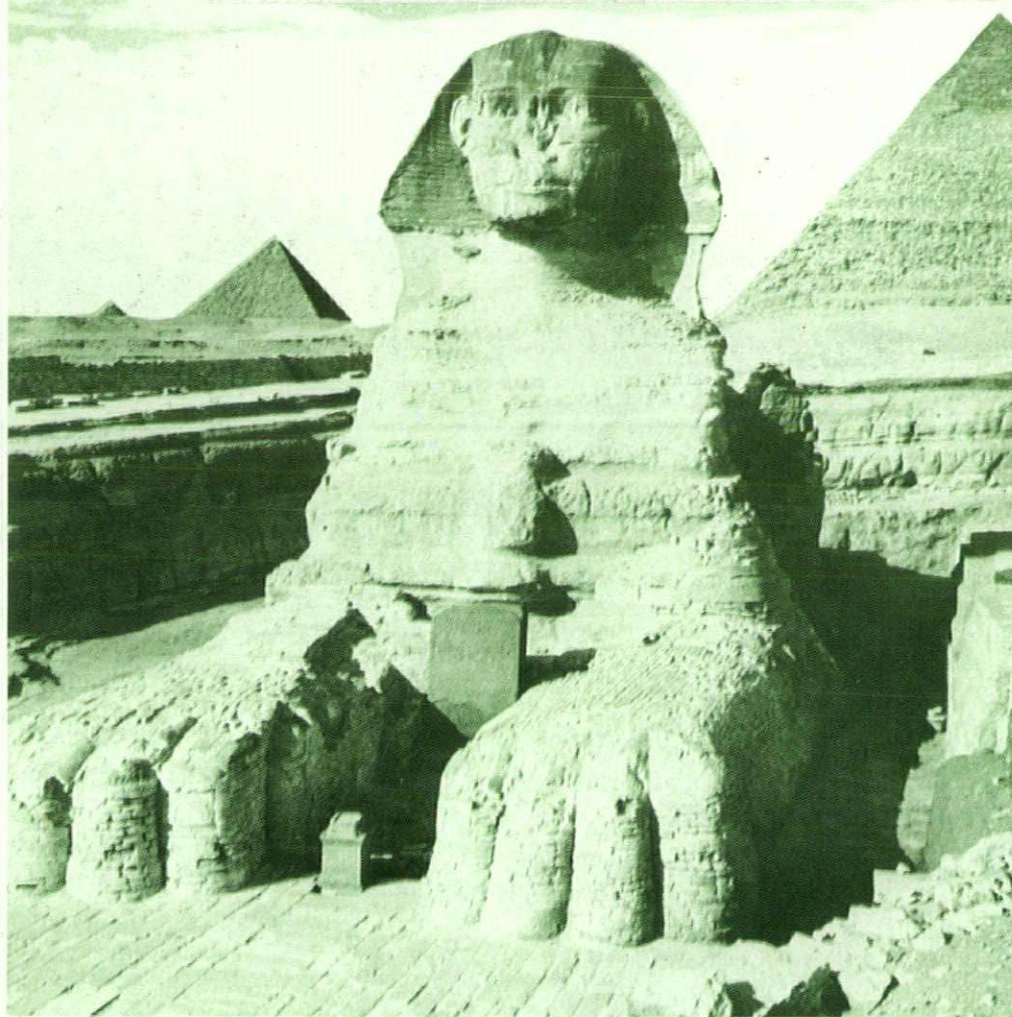
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