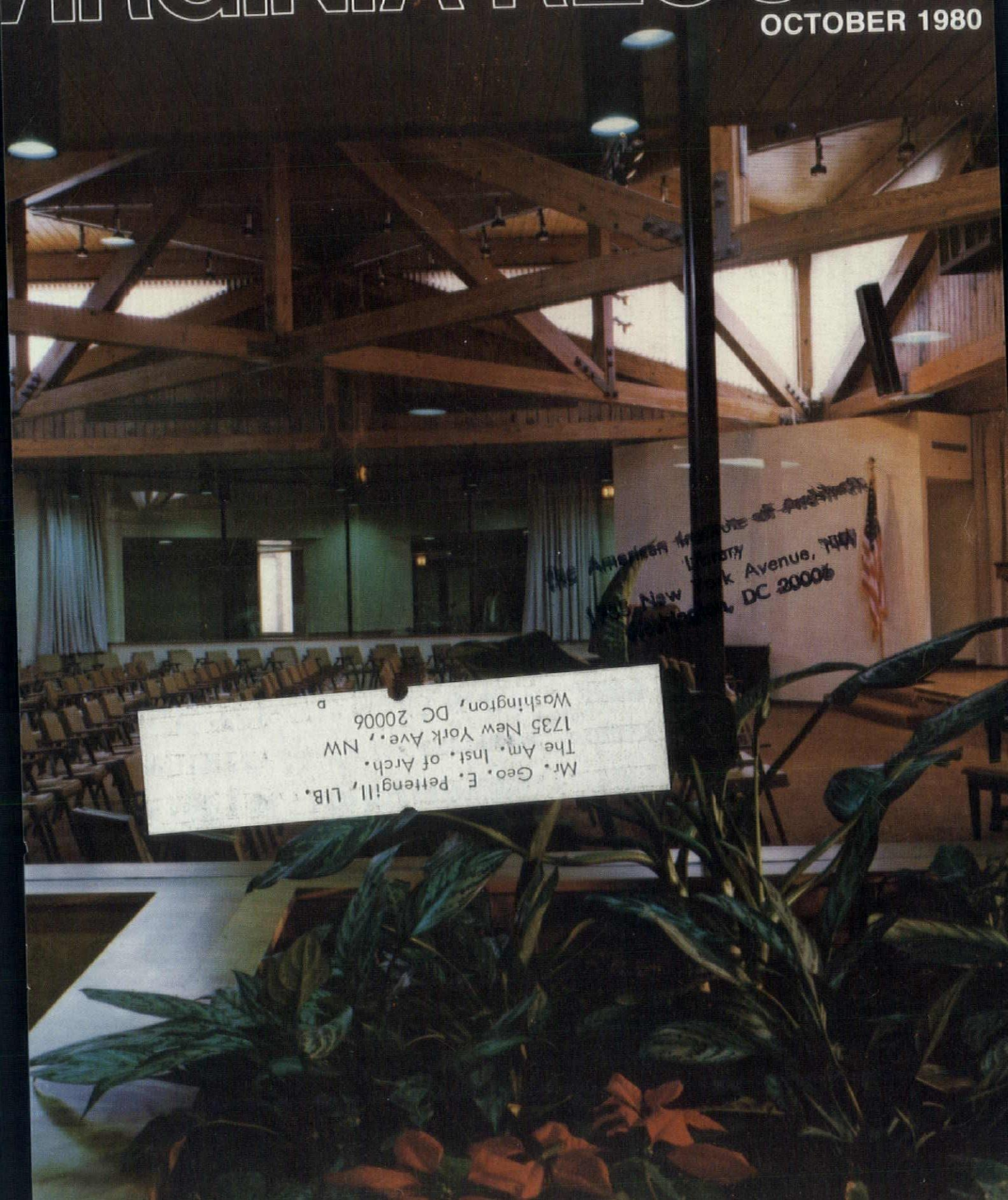


OCTOBER 1980



Mr. Geo. E. Pettengill, Lib.  
The Am. Inst. of Arch.  
1735 New York Ave., NW  
Washington, DC 20006

The American Institute of Architects  
Library  
1735 New York Avenue, NW  
Washington, DC 20006



*"Modern Systems to Meet Your Building Needs"*

# Hanover International Construction Corp.

**General Contractors**

COMMERCIAL — INDUSTRIAL

4900 West Clay Street  
Richmond, Virginia



## Chantilly Construction Corporation



**CONTRACTORS - ENGINEERS**  
HEAVY CONSTRUCTION • CONCRETE STRUCTURES  
ENVIRONMENTAL SYSTEMS

DULLES INDUSTRIAL PARK  
P. O. Box 100  
Chantilly, Va. 22110  
(703) 471-4300

**When you have an exacting  
staff of Contract Hardware Experts  
and Architectural Hardware  
Consultants, you have to  
stock the best in Builders Hardware.**

**We do and we do.**



**PLEASANTS  
HARDWARE**

Schlage  
Ives

LCN  
Baldwin

McKinney

Bradley

Stanley

Sargent

Miami-Carey

Russwin

Rixson

NuTone-Hall Mack

**Job site delivery**

**Pleasants now stocks Amwel hollow metal doors and frames**

**2024 W. BROAD**

**359-9381**

Most Anything Since 1915 • Builders • Industrial • General Hardware  
7:30 to 5:30 Mon thru Fri 8:00 to 5:00 Sat Plenty of Parking



AN INDEPENDENT PUBLICATION  
FOUNDED 1878  
TO TELL THE VIRGINIA STORY



(ISSN 0042-6768)

Published Monthly at the State Capital  
By Virginia Publishers Wing, Inc.

"Second-class postage paid at Richmond, Va."

EDITORIAL OFFICES: 301 EAST FRANKLIN STREET

Phones: 644-6717 or 644-2722

Vol. 102—No. 10

October 1980

JOE H. YOUNG  
Executive Editor

ANITA R. BRENNAN  
Associate Editor

#### Architectural Content Reviewed by

RICHARD L. FORD, Jr.

JAMES H. HENING, JR.

EDWARD A. SMITH, III

of the

PUBLIC RELATIONS COMMITTEE

VIRGINIA SOCIETY AIA

Virginia Record is an independent publication cooperating with all organizations that have for their objectives the welfare and development of Virginia. While this publication carries authoritative articles and features on statewide and local industries, business, governmental and civic organizations they are in no other respect responsible for the contents hereof.

#### Subscriptions

1 Year \$5 — 2 Years \$8.50

3 Years \$12

Per Copy 75¢  
Plus Tax and Postage

Address All Mail to:

**VIRGINIA RECORD**

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

To tell the Virginia Story

## IN THIS ISSUE

Guest Editorial by Frederick E. Baukhages, IV .....	7
THE VIRGINIA ARCHITECT SECTION	
AIA News	
William C. Noland Award—1980 .....	9
AIA Annual Review of Architecture Available .....	10
New Members .....	11
SHERERTZ, FRANKLIN, CRAWFORD, SHAFFNER	
Lakewood Manor, Phases I and II .....	13
Buchanan Elementary School Addition .....	43
FORREST COILE & ASSOCIATES	
Fire Station No. 10, Newport News .....	15
LYNWOOD E. BROWN AIA & ASSOCIATES, INC.	
Kilmer MH/MR Center .....	16
Johnson Residence, Addition .....	39
WILLIAMS AND TAZEWEEL & ASSOCIATES	
Veteran's Administration Hospital, Richmond .....	19
VVKR INCORPORATED	
Seneca State Park, Phase I .....	23
Ambulatory Care Facility, Prince George's Hospital .....	30
COMPTON ASSOCIATES LTD.	
Colby Residence .....	25
Duffy Residence .....	36
EVANS & HUDSON, ARCHITECTS, INC.	
Public Utilities Engineering Building .....	28
WALLACE F. MILLS, AIA	
'The Meagher House' .....	33
ECHOLS-SPARGER & ASSOCIATES	
Smyth-Bland Regional Library .....	40
JONES & STRANGE-BOSTON	
Army Aviation Support Facility, Fort Belvoir .....	44
FRAHER & HARRISON, ARCHITECTS	
Christ Episcopal Church Addition .....	45
Central Fidelity Bank, Amelia Courthouse .....	50
BYRON R. DICKSON, ARCHITECT	
Cumberland Bank & Trust Co., Clintwood .....	47
MOSELEY-HENING ASSOCIATES, INC.	
Weidmuller Terminations, Inc., Headquarters/Plant .....	49

For the Record .....	54
Index to Advertisers .....	58

ON OUR COVER is an interior view of Lakewood Manor. The Richmond facility was designed by Sherertz, Franklin, Crawford, Shaffner of Roanoke and is featured on page 13 of this issue. (Cover photo by Huffman Studio)



## Perfect Balance

SMALL enough to give prompt personalized service.

BIG enough to supply technical "know-how"  
and assured supply.

LEADING Independent Virginia Supplier of Kerosene.  
No. 2, No. 4, No. 5 and No. 6 Fuel Oil.

## PETROLEUM MARKETERS, INC.

1603 Santa Rosa Road P.O. Box K-64  
Richmond, Virginia 23288  
Phone 804-288-4127

**R. G. ROOP**, *Chairman of the Board*

**L. D. HAISLEY**, *President*

**BILLY F. CROWDER**, *Vice President*

PHONE 703-345-4979



ACOUSTIC CEILING  
DRYWALL  
PLASTERING  
THINCOAT

## A & H CONTRACTORS, INC.

1222 McDOWELL AVENUE, N. E.

ROANOKE, VIRGINIA 24012

St. Reg. #11405

## Commercial - Institutional Industrial

## SMITH & KEENE ELECTRIC SERVICE

*Electrical Contractors*

"SERVING THE BUILDERS OF TIDEWATER"

833 Live Oak Dr.

Chesapeake, Va. 23320

**Glidewell Bros.**  
INC.

Established in 1946

St. Reg. #8543

### PAINTING CONTRACTORS

Government Specification Finishes

**FRANK, ARTHUR & GREGG GLIDEWELL**

Commercial & Industrial Painting

Business Can Continue...  
While We Redecorate

Phone 804-232-8974

700 Dinwiddie Ave.  
Richmond, Va.

## T M S MILLWORK

*Architectural  
Millwork*

Phone 804-643-5073

Richmond, Virginia

## HALL-HODGES CO., INC.

### *Reinforcing Steel*

WIRE MESH—EXPANSION JOINT

CORRUFORM

CECO WINDOWS & DOORS

*Steel Building Products*

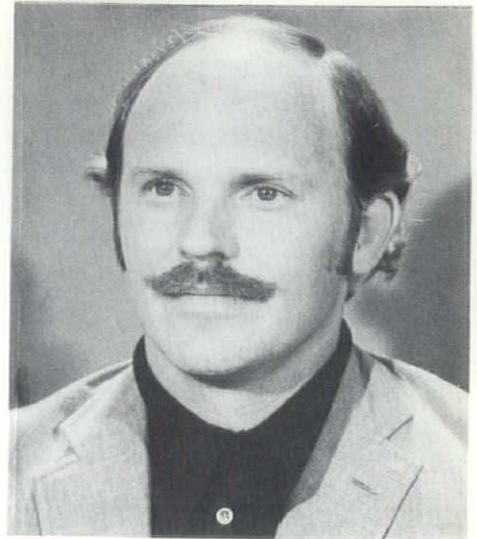
*Deliveries by Rail or Truck*

Phone 804-625-4201

1344 Ballentine Blvd.

NORFOLK, VIRGINIA





By  
Frederick E. Baukhages, IV, AIA

## Your Historic Landmark

With the cost of building being what it is these days, it is no wonder that more and more people are considering adaptive re-use, renovation or conservation of an existing structure. This column has dealt with the many patriotic and economic reasons for such undertakings. An area not mentioned in an earlier discussion is preservation of an "historic landmark."

Let us assume you own a very old building. It's about time to fix up the old wreck you treasure so much, but heaven knows it is going to be an ambitious undertaking. The building is a hundred years old, all the windows leak air and the old floorboards are becoming dangerous. Suddenly, that better light comes on: what if your antique is actually a valued "historic landmark?"! What if you can get it certified and get the preservationists and conservationists to stand guard over your property? It is certainly worth looking into.

You will be making a great contribution to the historical and social welfare value of the area. You will be protecting and enhancing part of our history, our heritage. And you will be highlighting an aspect of our culture while enriching the environment. Aside from these noble reasons to consider a preservation project, you may stand to gain considerable tax benefits.

The 1976 Tax Reform Act provides both incentives, such as accelerated depreciation for the cost of preservation work, and deterrents to prevent the demolition of historic structures. There are also many local, state, and other special tax deductions which may apply. In addition, buildings which are on the National Register of Historic Places may also qualify for grants-in-aid assistance for the preservation work.

So, why not rush right out and get your architect to get the building certified and start your preservation project? Because there are many factors to be considered first, none of which should be considered a deterrent, for the value of preserved structures and sites increases as the numbers shrink. The fact remains, however, that there are many decisions to be made before the scaffolding is erected.

First of all, "preservation" is a catch-all word which describes a variety of specialized tasks. What you must really determine is whether you want your structure preserved, restored, reconstructed, adapted, rehabilitated or recycled. While these terms are often used interchangeably, their definitions have subtle differences which can have serious consequences for your project. Therefore, step one is to decide which service or combination of services you want performed on your building. Having made that decision, you have begun to define the team of professionals who will be needed for your preservation project. Obviously, the different functions performed during a preservation project require different types of specialized knowledge. Since you are presumably dealing with valuable old materials and techniques, just any modern builder would not necessarily be familiar with the required procedures.

You will probably want to start with an architect, either your own favorite or one you know has a lot of experience in preservation activities. Beyond that, you may require the services of an historical or preservation architect, a restoration contractor for advice and cost estimates, an architectural conservator, an historian, an archaeologist, any one of several engineers or a landscape architect. There may also be other consultants from several fields whose services are required, and your architect can suggest which are needed and help coordinate the team.

Before any of these people can begin to work, however, there are certain other tasks you will have to complete with your architect. You will have to perform a preliminary analysis and evaluation to determine exactly what you have and what condition it is in. You will also have to decide which preservation function best suits your needs and what you want the structure for when it is finished. This decision can have serious ramifications for your tax considerations. Then there will be numerous requirements and regulations to be met before your plans can even be considered. These can vary from merely registering your plans to having local boards approve every facet of a proposed preservation project. Again, your architect will know what is required.

Other tasks of crucial importance (and this is where your chosen team of professionals can be very useful) cover such areas as: graphic and photographic documentation; historic and archaeological research; architectural and engineering investigation of original materials; application for inclusion in inventories of historic places; and the standard services performed for many architectural



## WATERPROOFING

THE Thoro SYSTEM

*Protects the Earth's Masonry*

**THOROSEAL**  
to fill and seal the surface

**THOROSHEEN**  
for a beautiful finish

**WATERPLUG**  
to stop the leaks

RESIDENTIAL—COMMERCIAL

- SAND BLASTING
- BRICK POINTING
- RESTORATION

**Southern Waterproofing  
& Concrete Co., Inc.**

1704 Arlington Road  
RICHMOND, VA.  
804-355-7876

# DO A GOOD DEED

You can bestow a gift that will help others through the future, by remembering Medical Center Hospitals when you write or update your will. Your spirit of caring will live on as your gift helps us serve the seriously ill of Tidewater.



**Medical Center Hospitals**  
Norfolk General Hospital  
Leigh Memorial Hospital

al projects, such as design drawing, engineering documents, specification outline, cost estimating, construction documents, approval forms, contract administration.

While very little of this comes for nothing, not all astronomically expensive, either. costs vary with the nature, quality, location and scope of the project. Specialists and consultants obviously cost more than average build but their services are essential for most preservation projects. On most historic preservation work, fees are computed on an hourly or diem basis, but they may be negotiated a fixed fee or as a percentage of the construction costs. This is another point for discussion with your coordinating architect.

Having considered the foregoing brief outline of what is involved in a preservation project you still want to live in a landmark? Of course you do. In this case it just requires a little more planning and coordination than an ordinary remodeling, but the esthetic, economic, and cultural rewards can be greater, too.

CALL



Custom  
Mailers &  
Consultants, Inc.

"CREATIVE PRINTING AND  
MAILING"

Westwood & Tomlynn  
Richmond, Va. 23230  
PHONE 353-4453



**HERNDON LUMBER & MILLWORK, INC.**  
Architectural Woodwork

MEMBER



ARCHITECTURAL  
WOODWORK  
INSTITUTE

P. O. BOX 333 • HERNDON, VIRGINIA 22070  
HERNDON — DIAL 703/471-4144

GAINESVILLE 703/691-0120



**GRIFFIN®**

**Ductile Iron Pipe**  
for water and sewer installations



PRESSURE PIPE AND FITTINGS



**CAST IRON SOIL PIPE & FITTINGS**

**GRIFFIN PIPE PRODUCTS CO.**

ONE OF THE **Amsted**  
INDUSTRIES

BOX 740 • LYNCHBURG, VIRGINIA 24505 • 804-845-8021

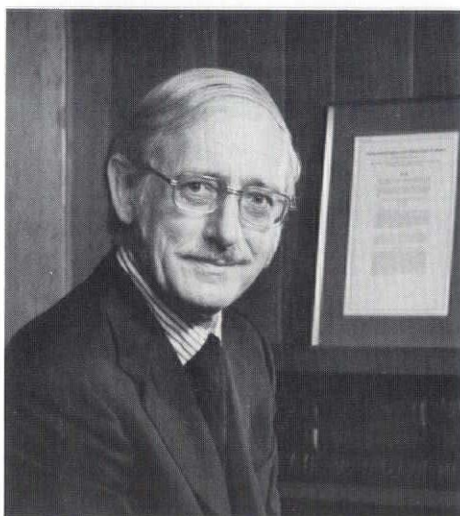




# NEWS

VIRGINIA SOCIETY  
AMERICAN INSTITUTE OF  
ARCHITECTS

## William C. Noland Award—1980



William Marshall, Jr., FAIA

The 1980 William C. Noland Award was conferred on William Marshall, Jr. FAIA, in ceremonies at the Virginia Society, AIA annual meeting in Blacksburg on October 3, 1980.

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

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

The Award is in the form of a bronze medal and a certificate, and is given:

1. In recognition of the achievement of architectural excellence of a specific building or group of buildings, or
2. For excellence in architectural literature or educational service, or
3. For significant contribution to the advancement of the architectural profession, or
4. For outstanding public service.

Not more than one award is given in any one year, and it is presented at an appropriate ceremony during an annual meeting of the Virginia Society. Only Corporate Members of the Society, past or present, may receive the award.

William "Chick" Marshall has provided leadership and served with distinction at every level of the architectural profession. He was President of the AIA Student Chapter at the University of Virginia in 1948-49, the year in which he graduated with a B.S. in Architecture. Since that time he has served as President of the Tidewater Section (1964-65), President of the Virginia Chapter (1969), and President of the National American Institute of Architects (1975). He was elected a Fellow of the AIA in 1972.

Nobody rises to those levels of distinction without extensive service along the way. Among the capacities in which he has served the profession, too numerous to catalog here, he has served as chairman or member of various government affairs committees and urban design committees, as a Trustee of the AIA Research Corporation, and as a member of the AIA





Foundation Board. He is currently Chairman of the national AIA Art Collection Committee, Chairman of the national AIA Long Span Building Panel, and a member of the national AIA Design Build/Construction Contracting Monitoring Task Force.

Nor has his service been limited to the AIA. In various capacities he has served his community through the United Community Fund, Downtown Norfolk Association, the Citizens Advisory Committee to the Mayor of Norfolk, and advisory committees to Norfolk State College. Since 1974 he has served as a Trustee of the Hermitage Foundation. He has also served on a number of Honor Award juries for the AIA, the Department of Defense, and several construction materials associations.

A Principal in the firm of McGaughy, Marshall and McMillan - Architects, Consulting Engineers, and Planners, Chick Marshall holds

NCARB registration in addition to Virginia and seven other states. The firm has its Home Office in Norfolk with additional offices in Washington, D.C.; Athens, Greece; Frankfurt, Germany; Houston, Texas; and Dammam, Saudi Arabia. Current projects of the firm include Design of the Saudi Arabian Military Academy, Design Development of a New City for 100,000 people in Libya, five New Communities for government and private clients in the Middle East, "Old Post Office" Renovation in Washington, D.C., Smithsonian Institution Rehabilitation Program in Washington, a Senior High School in Virginia Beach, and apartment, office, hotel and shopping complexes in Egypt.

The Virginia Society of the American Institute of Architects takes great pleasure in presenting the William C. Noland Award to such a distinguished member, William Marshall, Jr., FAIA.

## AIA's Annual Review of American Architecture Is Now Available

New directions of American architecture vividly illustrated in The American Institute of Architects' colorful, 124-page review of some of the nation's best new buildings—from a small Methodist Church in rural Alabama to Boston imposing John F. Kennedy Library by I.M. Pei Partners.


The new hardbound *Annual of American Architecture 1980*, available since mid-August, includes editorial content and photographs—percent in color—from the mid-May issue of award-winning AIA Journal. The Institute's monthly magazine, circulated to more than 40,000 architectural offices and other subscribers, has won top awards for "excellence in association communications and publications" from the American Society of Association Executives the past two years.

The Journal's review brings together—for the first time—a representative sampling of recent buildings of all types between a single set of covers; together with observations of prominent architects, critics and historians in architectural design.

The American architecture annual spotlights nine innovative designs—some large projects and some small ones, by both large and small architectural firms across the nation. Featured are Richard Meier's Athenaeum, New Harmon, Ind.; the Loachapoka (Ala.) United Methodist Church by Nicholas D. Davis, AIA, Auburn, Ala.; Roche/Dinkeloo Associates' Helen Bonfils Theater complex, Denver; the 1980 Honor Award-winning Indiana Bell Telephone Switching Center, Columbus, Ind., by Caudill Rowlett Scott; Houston; Fort Lauderdale's U.S. Courthouse and Office Building by William Morgan, FAIA, Jacksonville; Western Life Insurance Headquarters, Woodbury, Minn., by Ellerbe Associates; the residence of (and by) Frank O. Gehry, FAIA, Santa Monica, Calif., another 1980 Honor Award winner; architect Charles Siegel's modular house in Miami, and Pei's Kennedy Library.

In addition, the review highlights the rich and varied responses of a dozen leading U.S. architects to the question: "Where is architecture heading as the new decade begins?" It also includes an article by Journal Editor Donald Canty on regionalism, replicas and multiculturalism. Rounding out the comprehensive review is a colorful photo report of the 1980 AIA Honor Awards.

Copies are available from AIA publication marketing, 1735 New York Ave., N.W., Washington, D.C. 20006 (\$19.95 nonmembers; \$16 members). Checks, payable to AIA, must accompany each order (#2M725).

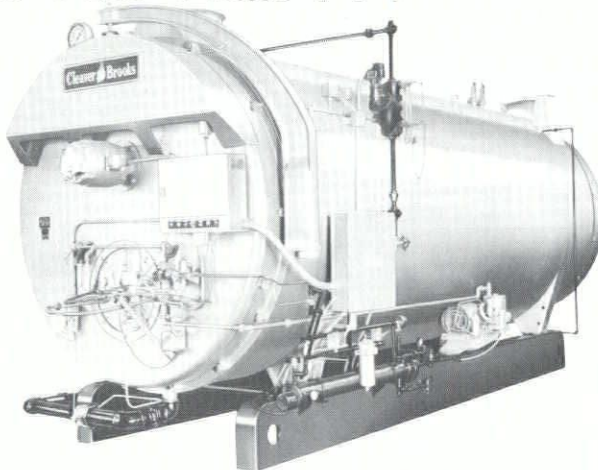


THE LIGHT HOUSE IN VIRGINIA IS  
**WILLIAM T. BUCKNER, JR. COMPANY**  
MANUFACTURERS' REPRESENTATIVES

**INDOOR AND OUTDOOR  
COMMERCIAL AND INDUSTRIAL LIGHTING**  
*Design Ideas Today for a Better Tomorrow*

<b>HAMER K. SPENCER</b> 505 Riverside Dr. Portsmouth, Va. 23707 Tel: (804) 397-1501	<b>WILLIAM T. BUCKNER, JR.</b> Rt. 1, Box 541 Hanover, Va. 23069 Tel: (804) 746-9874	<b>RICK B. FUNDERBURKE</b> P. O. Box 4146 Roanoke, Va. 24015 Tel: (703) 989-0931
--	---	---

**Put Cleaver Brooks®**  
**In Your Plans . . .**



**There's a World of Difference!**

**W. WALLACE NEALE CO.**

2307 WESTWOOD AVENUE

RICHMOND, VIRGINIA 23230

TELEPHONE 355-7484

## Creative Urethanes



Roofers  
Insulating  
Strengthening

Rigid Urethane Foam  
Membrane Top Coatings

Call 338-7139 For Free Estimates  
Purcellville, Va. 22132



*(Continued)*

## NEW MEMBERS



**JAMES H. COCHRANE, JR.**, Associate  
With Ballou & Justice, Richmond  
1980 Graduate of VPI & SU - BA degree  
James River Chapter

**J. TYLER LUCK, JR.**, Associate  
With Rawlings & Wilson Architects, Richmond  
1974 Graduate of Memphis State University  
James River Chapter



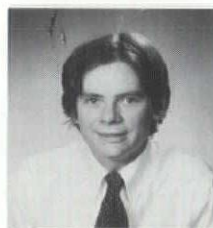
**ROBERT P. DAUGHTRY, AIA**  
Maintains his practice of Craig & Daughtry,  
Charlottesville  
Graduate of University of Virginia  
James River Chapter



**KENNETH C. MAGALIS**, Associate  
With KCM Drafting, Richmond  
1976 Graduate of University of Virginia  
James River Chapter



**MARGARET W. DeMALLIE**, Associate  
With Griggs, Wood, Browne, Eichman  
& Dalgiesch, Charlottesville  
Graduate of Smith College, Northampton, Mass.  
James River Chapter



**DAVID M. OAKLAND, AIA**  
With The Vickery Partnership, Charlottesville  
Graduate of University of Virginia  
James River Chapter

**GILBERT L. FAVARO, JR.**, Associate  
With Rawlings & Wilson Architects, Richmond  
1971 Graduate of Virginia Commonwealth  
University  
James River Chapter



**TEMPLE D. WEST**, Associate  
With VCU, Dept. of Facilities, Planning &  
Construction  
1978 Graduate of Virginia Commonwealth  
University  
James River Chapter



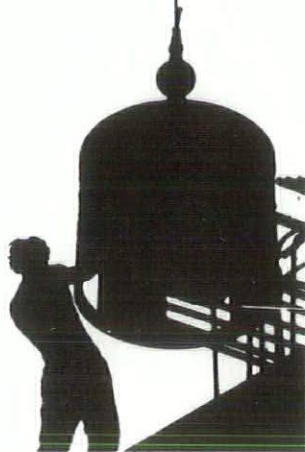
RE

Lee

and Son, Inc.



R.E. Lee and Son, Inc.  
1460 Hydraulic Road  
Charlottesville, Virginia 22906  
Telephone (804) 973-1321



**Construction and Engineering  
Management Since 1939**

## *Home Equipment Company, Inc.*

GENERAL ELECTRIC APPLIANCES

Phone 804-748-5821

Chester, Virginia

## **UNITED SPRINKLER CO., INC.**

*Sprinkler Systems*

Industrial—Commercial

Warehouses & Shopping Centers

**Phone 703-823-2410**

**610 S. Pickett Street, Alexandria, Va. 22304**

## **Dover Elevator Co.**

*New Address in Richmond, Va.*

**6717 Janway Road  
Richmond, Va. 23228**

Also—Roanoke & Norfolk, Va.

## **Oliva and Lazzuri**

Incorporated

MARBLE • TERRAZZO • TILE  
CONTRACTORS



Richmond, Va.  
Call 649-2075

## **DAVID A. REED & SONS, INC.**

*Excavating & Foundations*

St. Reg. #6566

Phone 434-9909

560 Waterman Drive

P.O. Box 1143

Harrisonburg, Va. 22801

## **E. T. Gresham Co., Inc.**

1038-1068 West 26th St.  
Telephone (804) 627-4583

INDUSTRIAL CONSTRUCTION

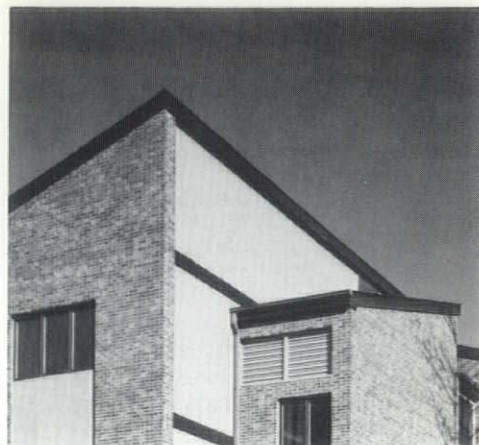
MOTO-CRANE SERVICE &

HEAVY HAULING

—Since 1916—

NORFOLK, VIRGINIA 23511





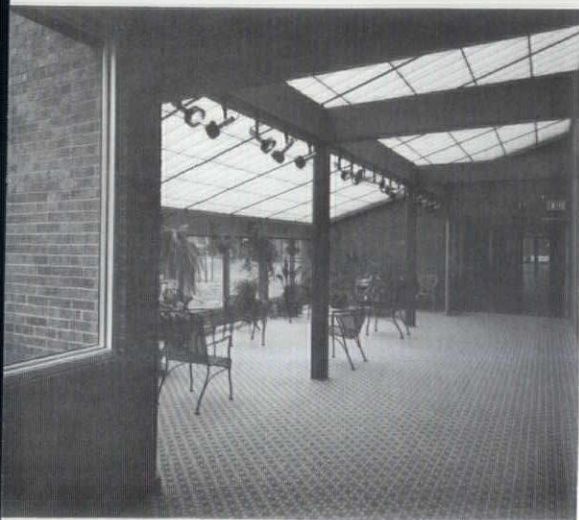
## Lakewood Manor

Phases I and II, Richmond

Sherertz, Franklin, Crawford, Shaffner—Architect



Mechanical Engineer, Sowers, Rodes and Whitescarver • Electrical Engineer, Sowers, Rodes and Whitescarver • Structural Engineer, Sherertz, Franklin, Crawford, Shaffner • Landscape Architect, The Wilson Moreth Partnership • Interior Design, SFS Interiors • General Contractor, R. E. Lee & Son, Inc. • Photography, Huffman Studio.

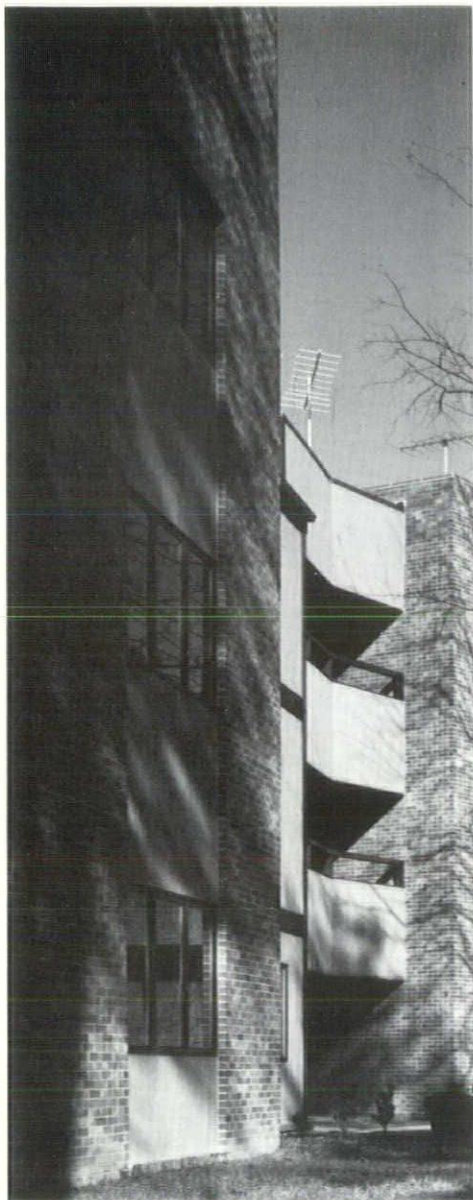


Lakewood Manor, recipient of an AIA Honor Award, was developed as a retirement community for those in pursuit of a peaceful environment during the latter years of their life. Utilizing a campus-style plan, Lakewood Manor encourages social interaction among the residents and provides a setting for a physically active life style. The building layout is a non-institutional setting which permits the amenities of the naturally beautiful site to be retained. The campus plan was achieved by incorporating five, three-story residential buildings, each containing 59 apartments, lounges, and other support facilities. An Activity Center, consisting of a multi-purpose room, lounges, dining facilities, offices and other support areas, provides a maximum of opportunities for recreational and social activities.

The master plan provides for complete and orderly site development to include any desired expansion. Pedestrian and vehicular separation is achieved by use of a circumferential drive with buildings located inside the loop drive and interconnected with covered walkways. These walkways are enclosed on one side with glass and provide adequate weather protection for the residents. A network of varying paths provides the residents with walking routes that encourage exercise through mobility.

Interior spaces were created with great sensitivity for the residents through the use of smooth flowing spaces to allow easy access to all





areas. These flowing spaces are enhanced with features such as a solarium and built-in planters and seating. The use of natural materials, such as wood and brick, further aids in providing an atmosphere of comfort for the residents. Nursing supervision for those who require continuous care and assistance is provided in the Health Care Center. The nursing care unit includes a Clinic, Physical Therapy Department and Pharmacy conveniently located for use by residents and patients in the Health Care Center.

Several different structural systems were employed at this project. The structural system for the Residential Units consist of lightweight structural concrete on permanent metal forms supported by open-web steel joists bearing on masonry walls. The roofs are framed with timber trusses. The Activities Center and Maintenance Center both consist of slabs-on-grade with a timber truss roof system. Portions of the Activity Center roof are framed with exposed glue-laminated beams and trusses. The Health Care Center consists of slabs-on-grade with a structural steel roof system. The foundation system for all areas is composed of reinforced concrete spread footings.

R. E. Lee & Son, Inc. of Charlottesville was general contractor for both phases and handled concrete work, steel erection, carpentry, dampproofing and drywall installation.

#### Subcontractors & Suppliers

##### Phase I

#### Site Improvements & Residence Buildings

(Richmond firms unless noted)

E. G. Bowles Co., clearing, excavating, grading, paving curbs and outside walks & site drainage; Ward & Stancil, Inc., site utilities, sanitary sewer & water mains; Cherotuck Nurseries, Manakin, landscaping; Terminix Engineers, soil treatment; Montague-Betts Co., Inc., reinforcing

bars; Lone Star Industries, Inc., ready mix concrete supplier; W. B. Day Masonry Contractor, masonry; Augusta Steel Corp., Verona, metal Miller Manufacturing Co., Inc., wood trusses, finish carpentry, millwork, wood doors; Richmond Primoid, Inc., liquid waterproofing; Westco Waterproofing, Inc., membrane waterproofing; and N. W. Martin Bros. Inc., roofing, sheet metal & asphalt shingles.

Also, SDG, Incorporated, glass, glazing contractor & aluminum entrance assemblies; American Steel Products Corp., Woodbridge, hollow metal doors & frames; TMS Builders Supply, Pella wood windows; Pleasant Hardware, finish hardware; U.S. Gypsum Co., gypsum drywall system; General Tile & Marble Co., Inc., ceramic tile & slate flooring; Fendley Floor & Ceiling, Inc., acoustical treatment; Floor Fashions of Virginia, Inc., Charlottesville, resilient flooring; Glidewell Bros., Inc., painting contract & vinyl wall covering; Virginia Elevator Co., Inc., elevators; Worsham Sprinkler Co., Inc., Mechanicsville, sprinkler system; Hungerford, Inc., mechanical contractor; R. L. Dixon, Inc., electrical contractor; Acorn National Sales Co., Inc., Long Island City, NY, kitchen units; and L-O Shamokin, PA, prefabricated wood cabinets.

#### Subcontractors & Suppliers

##### Phase II

#### Activity, Maintenance & Health Care Facilities (Richmond firms unless noted)

Terminix Engineers, soil treatment; Foster & Miller, engineering & survey work; Virginia Parking Service, traffic markings; E. G. Bowles Co., bituminous paving & surfacing & exterior concrete flat work; Bowker Roden, Inc., reinforcing bars & placing accessories; Lone Star Industries, Inc., ready-mix concrete; Cement Finishing (Willie Weatherspoon), finished concrete; Patrick G. Nelson Construction, Inc., masonry contractor; Bobcobel Granite Co., Div. of Luck Quarries, Manakin, stone; Augusta Steel Corp., Verona, structural steel, metal roof deck, miscellaneous metal washroom equipment; Robert J. Bates, Greensboro, NC, metal louver; Miller Manufacturing Co., Inc., finish carpentry, millwork, wood doors, trusses; James H. Carr, Inc., Kensington, MD, structural, glued-laminated timber; Rich-Line Manufacturing Co., Inc., casework; Western Waterproofing Co., Inc., membrane waterproofing; and SDG Incorporated, glass glazing contractor, aluminum entrance assemblies, automatic entrance systems & aluminum sliding sash.

Also, American Steel Products Corp., Woodbridge, hollow metal doors & frames; TMS Builders Supply, prefabricated wood windows; Pleasant Hardware, finish hardware; O'Ferrall, Inc., resilient flooring & acoustic treatment; Cates Building Specialties, Roanoke, kitchen unit; Key Fixture & Equipment, Inc., Lynchburg, food service equipment; Paris Shade Shoppe, Inc., curtain tracks; Worsham Sprinkler Co., Inc., sprinkler system; Catlett-Johnson Corp., mechanical contractor; Jim Staley, corner guards; Powers & Anderson, Inc., Richmond, patient charting system; Mahone, Inc., Roanoke, curtain cubicle, metal flagpole & dock bumper; Kalwole Corp., Manchester, NH, translucent sky roof; Dynafair Corp., Melville, NY, sliding grilles; John J. Bagley, Richmond, letter boxes; and Louver Drape, Inc., Baltimore, MD, vertical blinds.





## Fire Station No. 10

Newport News

Forrest Coile and Associates—Architect/Engineer

Fire Station No. 10, designed and constructed for Newport News, is located nearly in the center of this long, narrow peninsula city. The site is highly visible along one of the principal north-south thoroughfares, Warwick Boulevard. Consequently, the building had to present an attractive appearance while it met all of the functional needs of a working fire station.

The facility is a single-story structure which includes the Newport News Fire Chief's offices as well as a four-vehicle apparatus room, dormitories and day room, a hose tower, and the Battalion Chief's dispatch center. It was designed to provide future accommodations for women firefighters. In addition, this station includes spaces to house the Newport News Fire Prevention Bureau.

The exterior of Fire Station No. 10 was designed for a maximum interplay of light and shadow within the context of a relatively simple structure. This effect was achieved by using offsetting walls on a mass scale and in architectural detailing, allowing shadows to form and shift with the sun's movement.

Gray brick was used in order to complement the design and color of the adjacent Newport News School Administration Building. Fire engine and exterior doors contrast with the masonry.

Bronzed aluminum door and window frames and stark white trim complete the color accents.

Various methods of hose-drying were considered for this station. Incorporation of a hose tower was determined to be the most effective method, particularly since this system adds to the life of the hoses and is usable throughout the year. Further, with the roof characterized by three horizontal levels, the hose tower acts as a design element projecting upward and providing vertical relief.

Energy conservation was a principal consideration of the design. Insulated cavity wall construction was used as were double-glazed windows. Windows include operable sash to permit outside air to be used as an air conditioning medium as far into the summer as possible.

Hudgins Construction Co., Inc. of Newport News was general contractor and handled excavating, sodding, seeding, etc., foundations, concrete work, carpentry and wood doors. The owner handled landscaping.

### Subcontractors & Suppliers

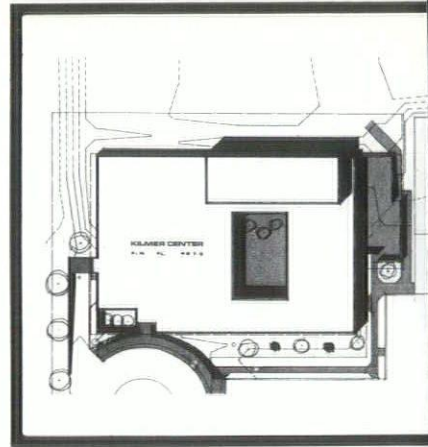
From Newport News were: Benson-Phillips Co., Inc., mortar; Kitchen Center, millwork; Heath Roofing Co., Inc., built-up roof & roof insulation; E. J. Puma & Associates, ceramic tile; Noland

(Continued on page 52)

Landscape Architect, Forrest Coile and Associates  
• General Contractor, Hudgins Construction Company, Inc. • Photography, R. Anderson Moberg.







## Kilmer MH/MR Center

Vienna

**Lynwood E. Brown, AIA & Associates, Inc.—Architect**



Associated Architect, Donald R. Greenwood, Bush Burray, Architects/Engineers • Landscape Architect, Lynwood E. Brown, AIA & Associates, Inc. • Mechanical Engineer, Goodwin H. Taylor, Ltd. • Structural Engineer, Bushey-Burrey, Architects/Engineers • General Contractor, Glen Construction Inc. • Photography, Lynwood E. Brown, AIA & Associates, Inc.

Until 1974 Fairfax County did not admit mentally or physically handicapped children into its school system. For over twenty years resourceful parents ran a cooperative school for the handicapped children.

Kilmer Center is a front runner for the new type of education the county is providing for handicapped young people. The Center was opened in September of 1978.

The goal of the staff is to increase each student's ability to function independently through individualized instruction in self-care, motor development, functional academics, communication, recreation, pre-vocational and homeliving activities.

Designed by the office of Lynwood Brown & Associates, formerly of Bushey-Burrey, the architectural firms in Falls Church, the building is nestled in the rear of the Joyce Kilmer Intermediate School near the Dunn Loring Fire Department.

Tom Hanton of the Fairfax County School Construction Department was the project manager. He noted that the selection process for the architect was unique in that it was a "design-build" competition. A number of teams of architects and builders submitted proposals to the school board for a facility which would fit within the financial guidelines.

The 48,000 square foot building was completed at a cost of \$1.6 million. The administration department is centrally located with dual access corridors on either side of the suite. Staff members may be in any part of the building in short order.

"This is like heaven to us," says Mrs. Jo Gendreaux, Principal of the school. "We used

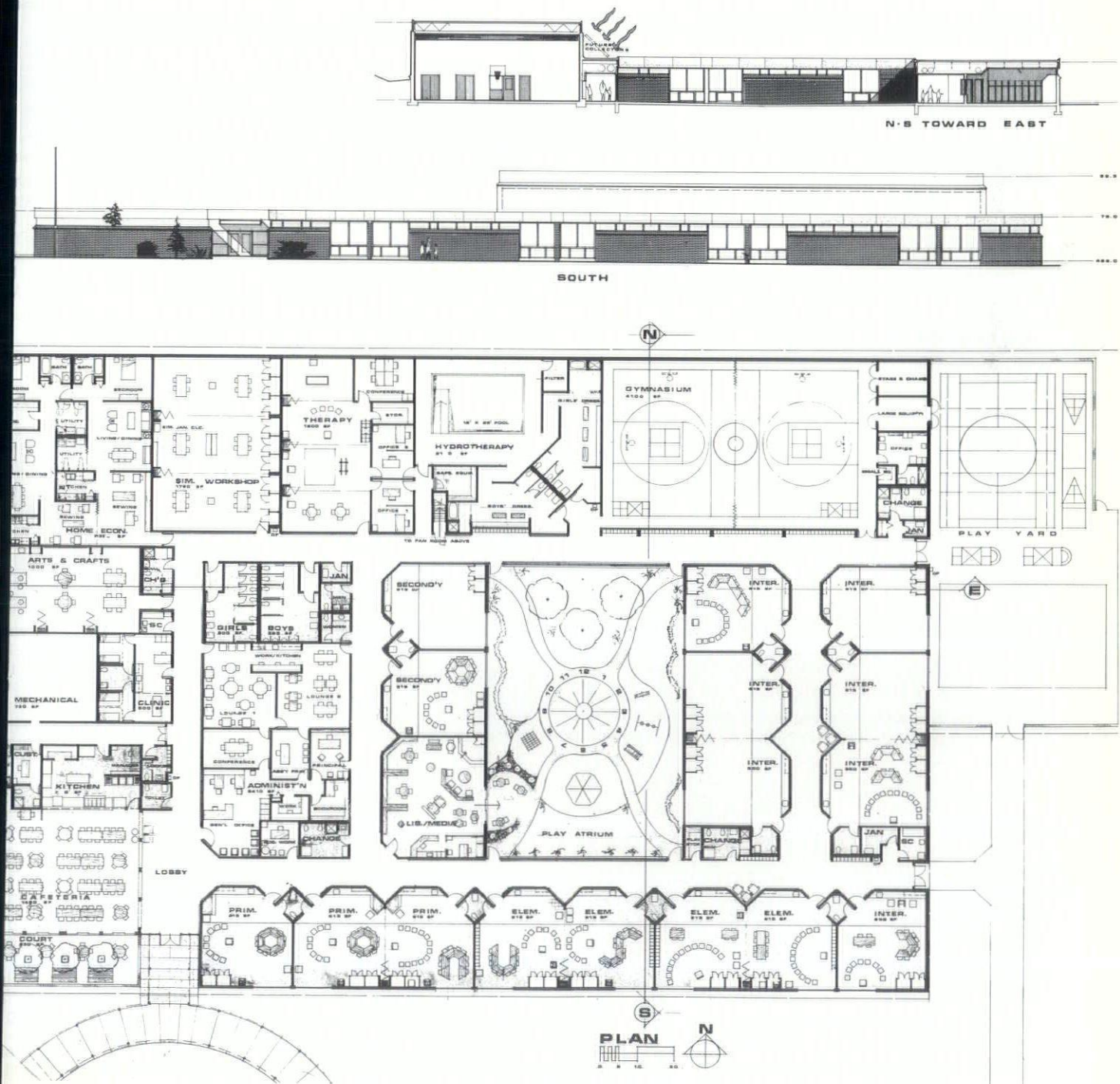


old classes in church basements or wherever space might be available to us." The students who are ages 5 to 21 generally enter the school through its electronically operated double doors. Most are bused. Besides the over, there is an aide and usually a hydraulic lift for those in wheel chairs. Since the transportation of those students requires a "staging area" the architect intentionally placed the cafeteria near the entrance to serve as a multiple commons area. This provides room for various activities including music. Some of the students perform cafeteria duties. The stereotyped clinical look so typical of such facilities is minimized by the architect's use of warm-toned color hues. Architect Brown points out, "We made every effort to diminish the institutional look and to accent the residential environment as much as possible. Toward that end,

the ceilings are intentionally low within the guidelines of proper air circulation, and lighting and equipment heights are scaled to suit various age groups." The walls are carpeted to cut down on injuries to the children, and are zig-zagged to accommodate wheel chairs. One way glass windows were installed so that the students may be observed without interruption. "Flexibility was designed into the building through the use of folding classroom partitions which allow fewer staff members to supervise larger groups of children in the same space that can be ultimately divided into more intimate study sessions," explained the architect. One teacher and an aide work with groups of six to fifteen students. In an apartment built inside the school, students learn grooming, how to make beds, sew-

ing and cooking as well. They do all the school laundry. An interior court is surrounded by the continuous-circle hallway. The court provides a secluded play area easily supervised. Kilmer Center has a gym and a hydrotherapy pool. The work area is close by where it is hoped that eventually some of the students may earn a small amount of money. The staff hopes to obtain equipment to make logs out of newspapers. Mrs. Gendreaux points out that it has never been considered to "pay" the students in play money. "Even just one real penny is better," she said. Visits by interested persons are welcomed at Kilmer Center. Tours are scheduled most Wed-

(Continued on page 52)





# THE GEORGE HYMAN CONSTRUCTION CO.

*General Contractors*

Phone 301-986-8100

4930 Delray Avenue

Bethesda, Maryland

**Building Your  
Business is our  
Only Business**



As authorized Mesco design-build contractors, we're your single source for construction services. From design to site selection. To construction. To landscaping. We can coordinate every phase of your new building, saving you both time and money. For your new building contact the total building business.



**W. M. SAUNDERS  
CONSTRUCTION CO.**

P.O. Box 50 Chesterfield, Va. 23832  
Call 271-6069

***The Walter E. Campbell  
Company, Inc.***

*Distributors For*

OWENS CORNING FIBERGLAS  
ACOUSTICAL AND ROOFING INSULATION  
AND

JOHNS-MANVILLE ACOUSTICAL & FESCO PRODUCTS  
NATIONAL GYPSUM TECTUM BOARD

AND

CRP POLYURETHANE  
*the thin insulation*

10721 Tucker St.

Phone (301) 937-5700

BELTSVILLE, MD. 20705

**Cochran Construction  
Company**

*General Contractors*

COMMERCIAL



INDUSTRIAL

Phone 804-826-2510

701 Industry Drive

Hampton, Va.

**Walthall Construction Corporation**

**GENERAL CONTRACTORS**

P. O. Box 267

Colonial Heights, Virginia 23834

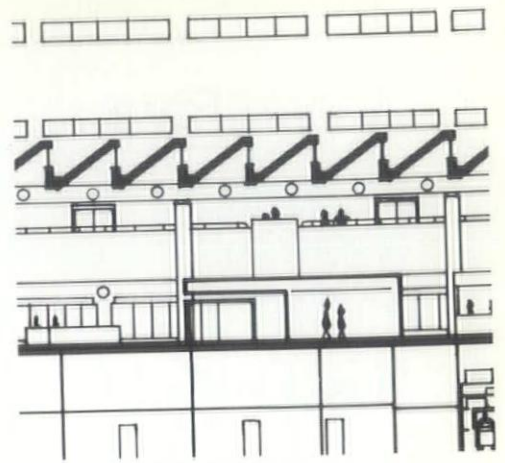


REGISTERED  
VIRGINIA CONTRACTOR  
NO. 7787



COLONIAL HEIGHTS 526-2430  
RICHMOND - - - 748-4443



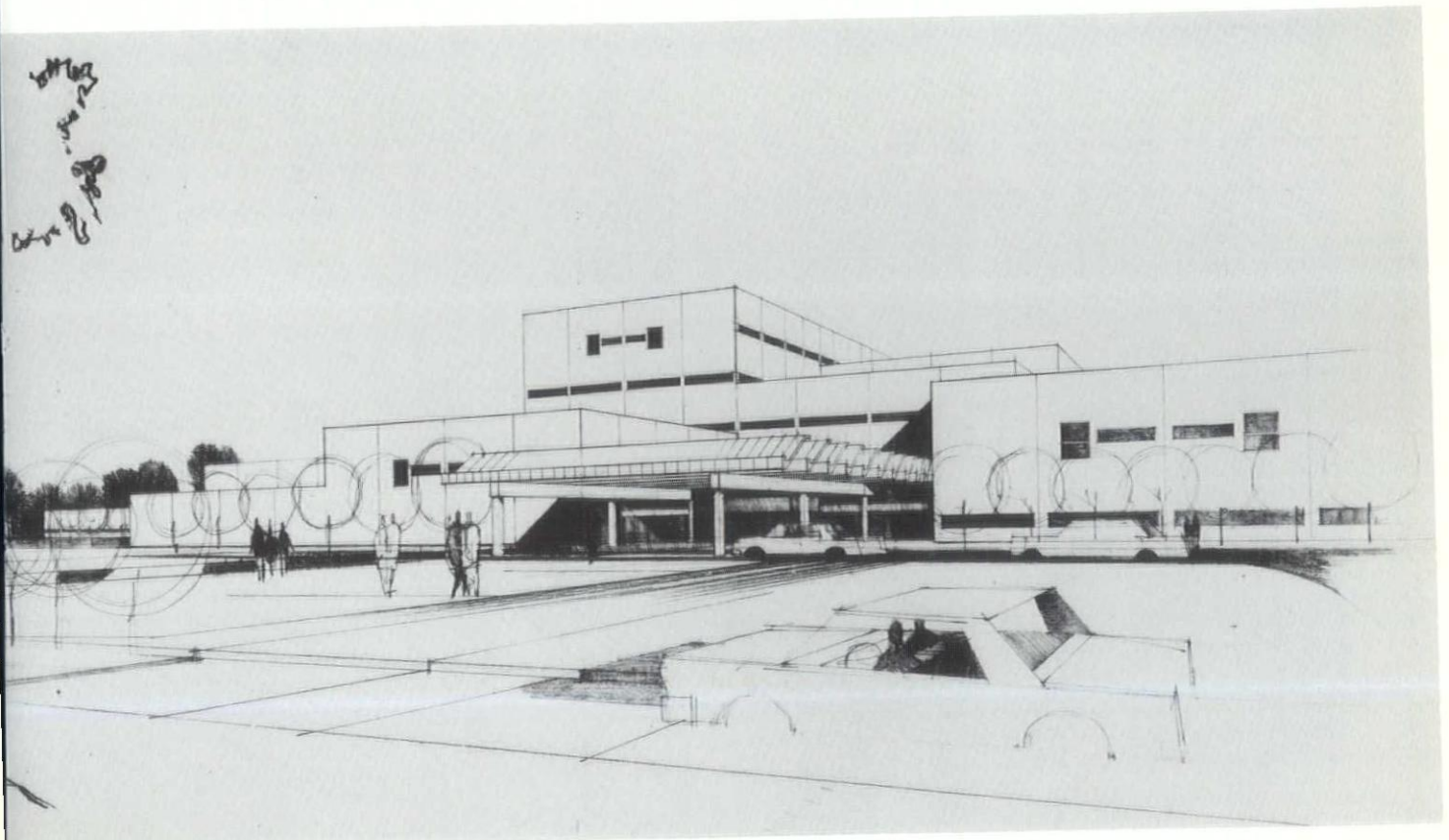


# Veterans' Administration Hospital

Richmond

**Williams and Tazewell & Associates, Inc.—Architect**

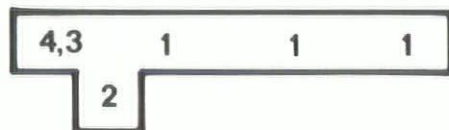
General Contractors, George Hyman Construction Co.  
and Blake Construction Co., Inc.



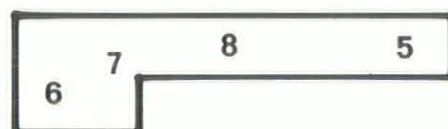




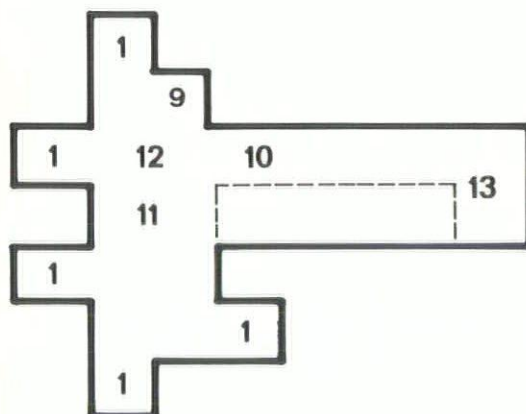
## Level Five



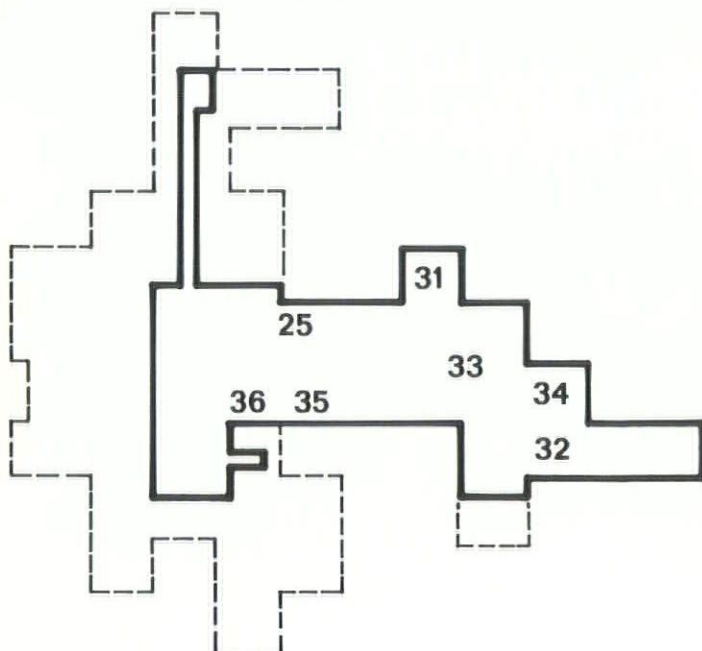
## Level Four



## Level Three



## Level Two



## Lower Level

Williams and Tazewell, Norfolk Architects the \$120 million Veterans Administration Hospital announced recently that Phase II is under construction. The \$84,039,000 Finish Construction contract was awarded to Blake Construction of Washington, D.C. The construction is scheduled to be completed by June 1983. The project is a joint venture with Williams and Tazewell and Perkins & Will.

The \$17,750,000 Phase I contract was simultaneously completed by George Hyman Construction Company of Bethesda, Maryland, consisted of sitework, foundation and superstructure.

Tamas F. Pucher, a principal of W&T and Project Director of the ultra modern complex, said "The new VA Hospital in Richmond, Virginia is one of the largest in the nation, replacing an existing hospital created in 1946. The hospital will take 3 million man hours to complete, equivalent of approximately 4 years work for 400 persons. It will require 550,000 tons of steel, 2 million pounds of galvanized sheet metal, 10 million bricks, and 16,000 tons of asphalt for road and parking areas. In addition, there is 10 million sq. ft. of gypsum wallboard and 75,000 cu. yds. of poured-in-place concrete which will require approximately 132,000 tons of regionally quarried sand and gravel. It is a great boon to Virginia and to the Veterans."

A two-story interior mall under construction will be the focus of community life and will be a relaxing indoor/outdoor area designed to support the well being of the patients. It runs east and west for the length of the building and serves as a transition area from the exterior to the interior. It features spaciousness, great height, large trees and plantings within the mall.

The environment is barrier free which is particularly necessary, because the hospital contains large spinal cord and home care nursing units. These are located next to the mall on the same level assuring that these patients will be close to the main stream of hospital life.

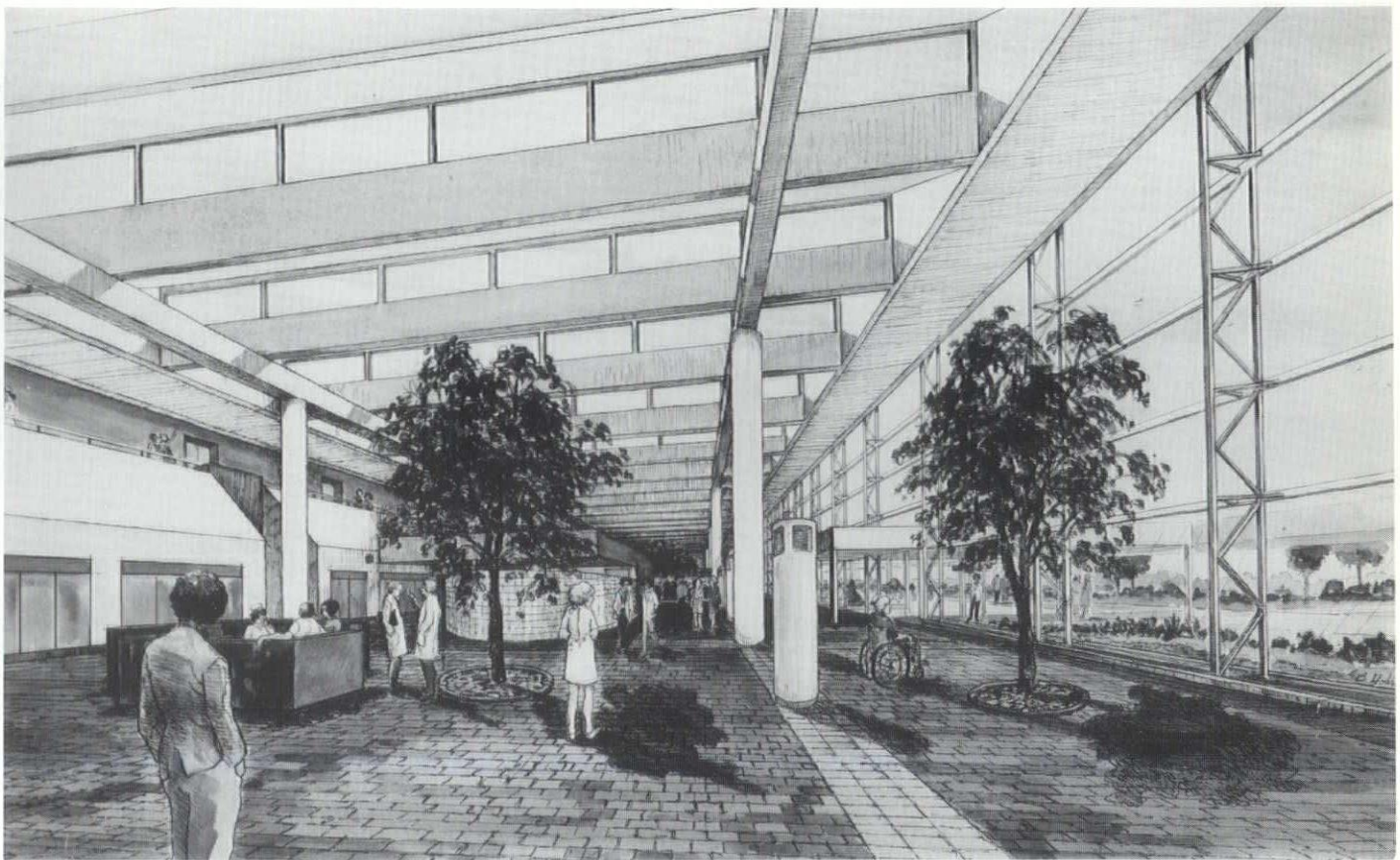
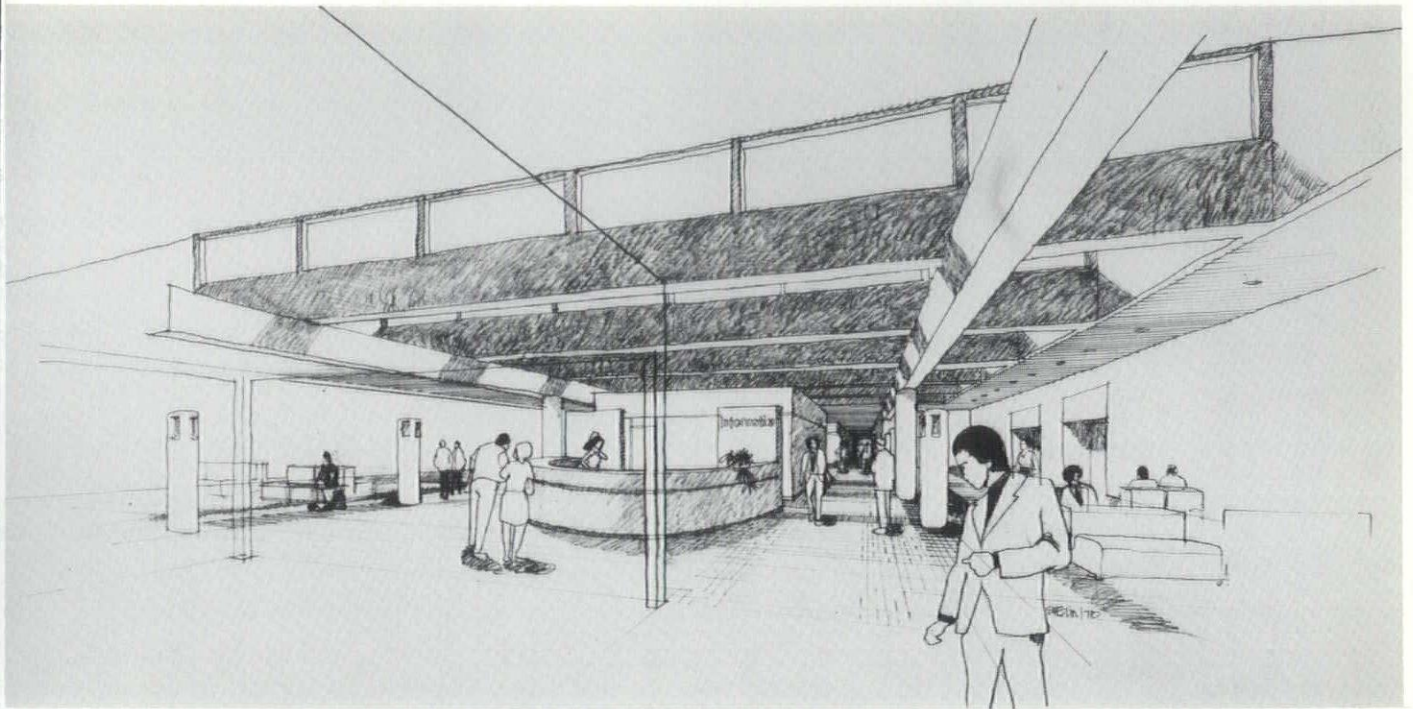
The hospital serves as a rehabilitation center and is programmed and designed to be responsive to the need of the many veterans to require the ability to comfortably function in ordinary life. The Veterans Administration's motto is "To care for him who shall have borne the battle."

George Hyman Construction Co. of Bethesda and Blake Construction Co. Inc. of Washington, DC are general contractors. George Hyman Construction Co. is also handling excavating, foundations, concrete work and steel erection.

### Subcontractors and Suppliers to date

Montague-Betts Co., Inc., Lynchburg, reinforcing & steel supplier; Lone Star Industries Inc., Richmond, concrete supplier; Baltimore Clay Products/Anning-Johnson Co., Springfield, interstitial deck; the Waldinger Corp., Des Moines, IA, sheet metal; Fire Door Corp. of America, New York City, NY, metal doors & frames; Worsham Sprinkler Co., Inc., Mechanicsville, sprinkler contractor; Wm. H. White Jr., Inc., Richmond, plumbing/heating/ventilating/air conditioning contractor; and Ernst/Meyers, joint venture, electrical contractors.









National Gypsum Company

**There's more energy-saving  
quality built into new construction  
with  
Binning's Thermalized Windows.**

For more information and a  
free brochure, contact:  
Binning's, P.O. Box 868,  
Lexington, N.C. 27292.  
Telephone 704-249-9193.

**WILSON'S  
BUILDING SERVICE  
INC.**

St. Reg. #A-5298

Phone 703/662-7291

2264 Paper Mill Road, Winchester, Va.

**THOMAS HARRIS & COMPANY, INC.**

Manufacturers' Representatives

Quality Lighting—Electric Specialties

Strategic Office Locations For Your Convenience

RICHMOND  
BILL MASON  
P.O. Box 9195  
Pho. 264-2851

ROANOKE  
BOB DAVIS  
P.O. Box 4095  
Pho. 774-6029

VA. BEACH  
JOHN JORDAN  
P.O. Box 813  
Pho. 422-1461

BURKE  
H.C. SMITH  
P.O. Box 167  
Pho. 978-4433

BALTIMORE, MD  
J. H. HALE  
3900 North Charles St.  
Pho. (301) 235-3900

**R. E. Lee Electric Co., Inc.**

*Electrical Distribution*

UNDERGROUND — OVERHEAD — INSIDE

FLOODLIGHTING

8207 Backlick Rd.

Phone 703-550-7500

NEWINGTON, VA. 22122

**Correction**

Wes-Way Sprinkler Company, Inc. of Mechanicsville, subcontractor for Sprinkler Systems for the Valley Nursing Home, Chilhowie, was inadvertently omitted from the list of credits in our July 1980 issue. Our Apologies.

**Woodbridge Glass  
Company**

*Glass & Glazing  
Contractors*

COMMERCIAL — INDUSTRIAL

Phone 703-494-5181

14312 Jefferson Davis Highway  
WOODBIDGE, VIRGINIA

**HAMILTON'S  
FLOOR  
FASHIONS  
&  
TILE, INC.**

*Floor, Tile, Carpet  
&  
Acoustical Contractors*

COMMERCIAL—INDUSTRIAL

Phone 804-846-1316  
532 Oakley Avenue  
LYNCHBURG, VIRGINIA



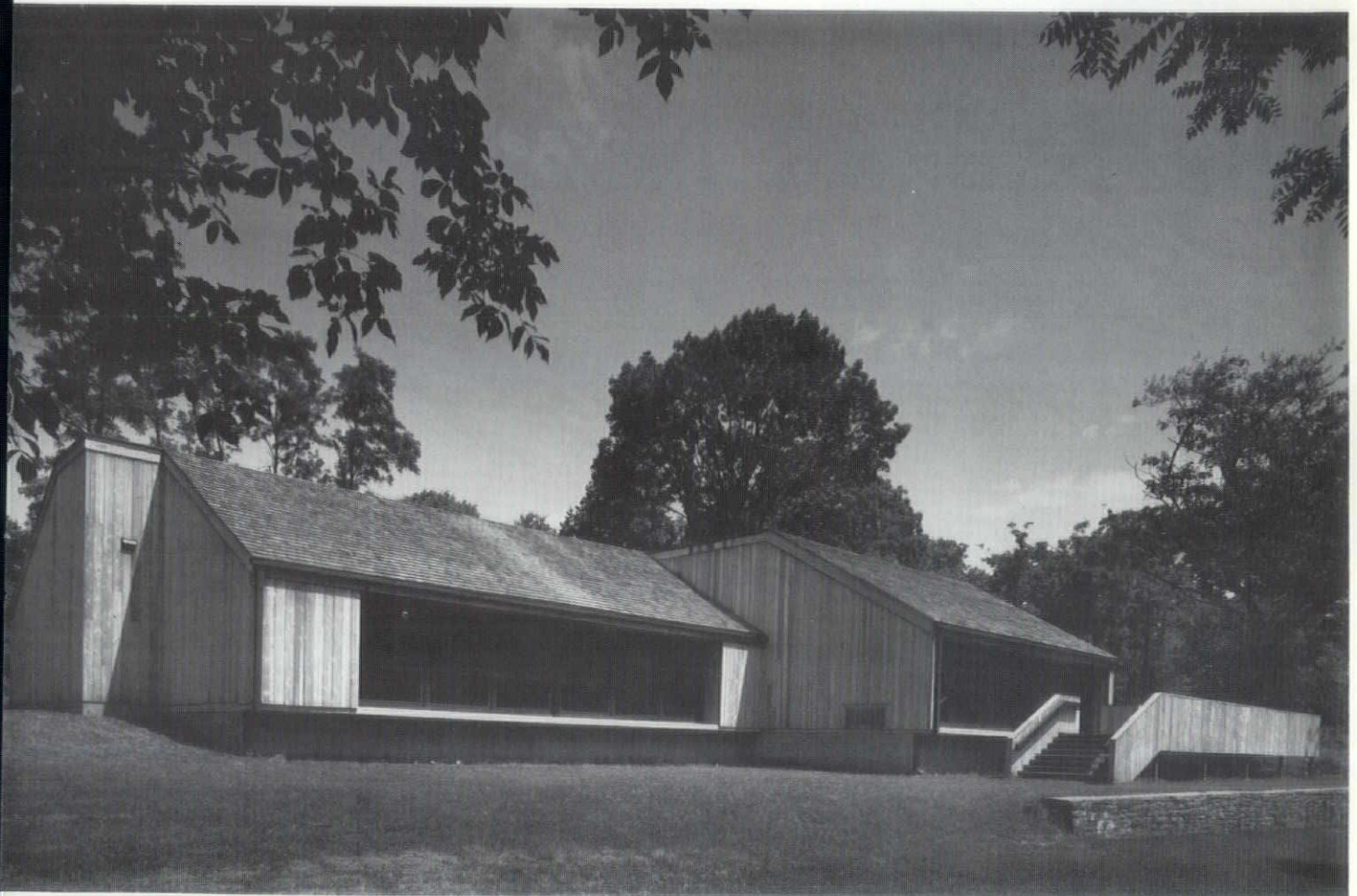


## **Seneca State Park**

Gaithersburg, Maryland

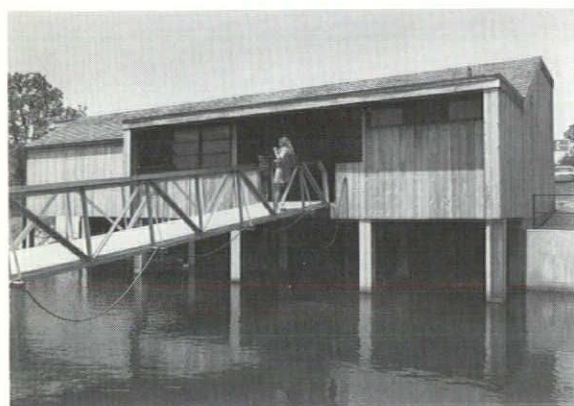
**VVKR Incorporated—Architect/Engineer**

Landscape Architect, VVKR Incorporated • Interior Design, VVKR Incorporated • General Contractor, Linton Construction, Inc. • Photography, VVKR Incorporated.

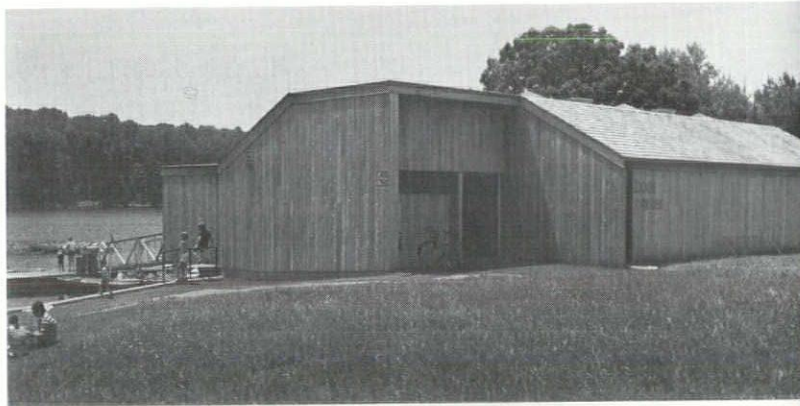




Montgomery County, Maryland  
prepared for  
The Department of Natural Resources



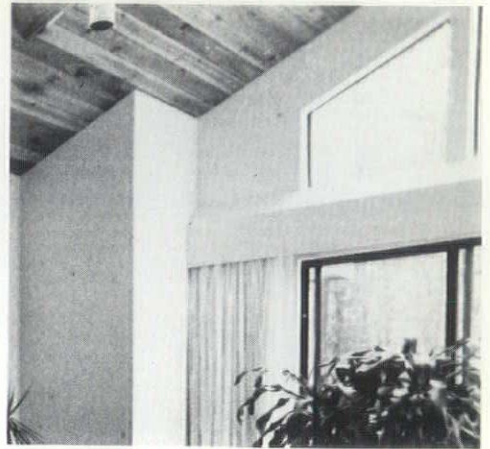
The first construction phase covers approximately 300 acres.



- **Visitors Center**—provides an auditorium and exhibit area for community use, and park offices.
- **Boating Center**—designed to accommodate a boating concession on the 83-acre man-made lake. Includes boat storage for 45 boats, a floating dock, and offices for the concessionaire.
- **The Service Complex**—utilizes pre-engineered buildings for equipment maintenance and storage, and provides offices for Park administrative personnel.
- **Contact Station**—provides visitor with first contact with Park personnel and becomes a graphic introduction to the Park.
- **Comfort Stations**—seven stations were designed as unobtrusive, low maintenance, and vandalproof structures.

Also, American Plate Glass Co., Kensington, MD, glass, glazing contractor, windows & storefront; Walsh & Koehler, Erie, PA, metal doors & frames; Construction Hardware, Inc., Willow Grove, PA, finish hardware Contractors' Supply Corp., Englewood, NJ, hardware supplier; Warthen Inc., Frederick, MD, gypsum board contractor; Southern Maryland Contractors, La Plata, MD, resilient tile; Ronald Mayhew, Inc., Arlington, VA, painting contractor (Glidden Paints); Noland Co., Falls Church, VA, plumbing fixture supplier; Ka-Lo Plumbing, plumbing contractor; Asmar Co., Inc., Vienna, VA, heating/ventilating/air conditioning contractor; and Pel Bern Electric, Inc., Washington, DC, electrical contractor.



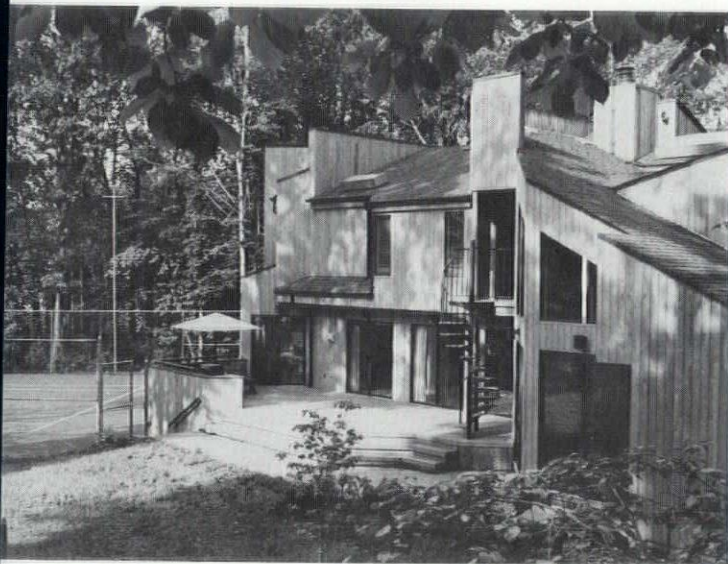


## Colby Residence

Great Falls

**Richard A. Compton, AIA and John G. Colby, AIA—Architects**

Structural Engineer, Ned Ahmed, PE • General Contractor, Compton Associates, Ltd. • Photography, Adam Landis.



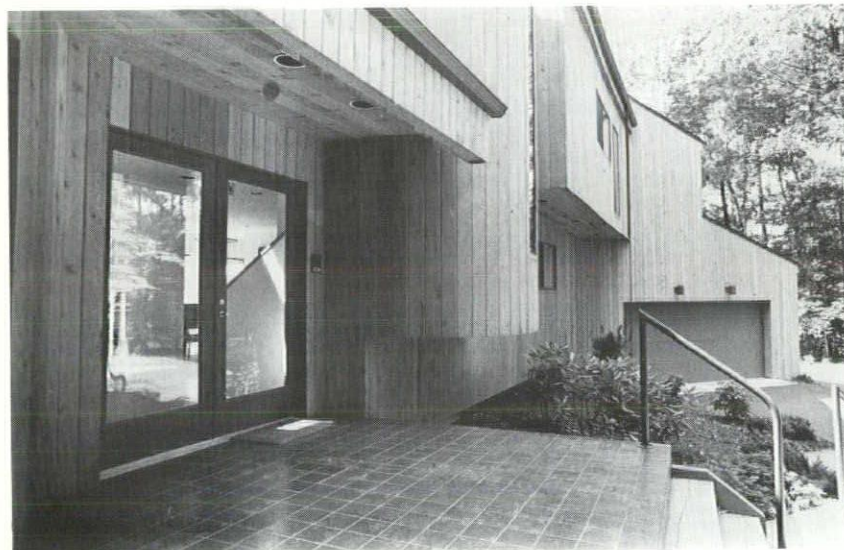
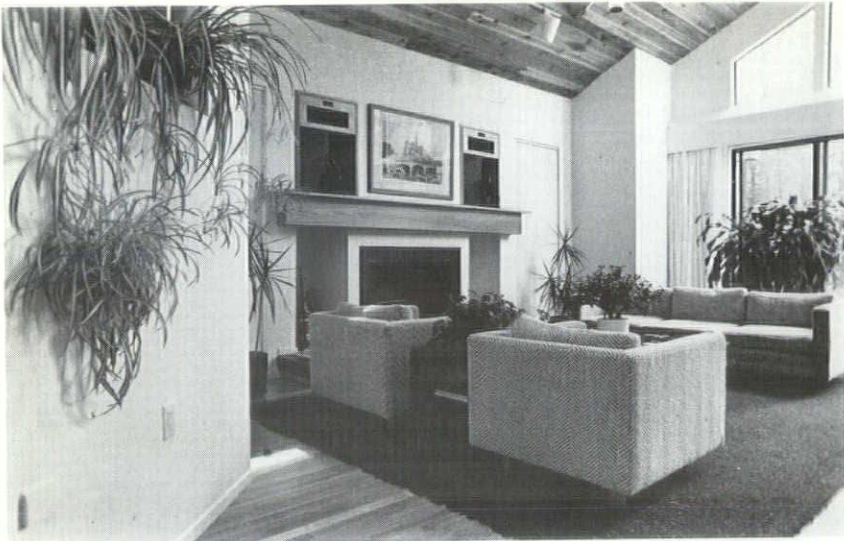
As a natural development of an existing friendship and business relationship, John Colby, Architect, approached Mr. Compton with the opportunity of co-designing a home for himself. Working together, they were able to achieve exemplary results in a custom neighborhood where Mr. Compton has designed and built four other homes for the speculative market ranging from \$300,000 to over \$400,000.

The Colby residence was specifically designed to integrate a tennis court with the exterior configuration of the home. Therefore, the angled kitchen and garage walls became the end wall of the court. Large laminated glass windows afford courtside views from the kitchen eating space and second floor master bath while an exterior deck also overlooks the tennis court. All exterior wall surfaces are crafted of cedar.

Inside, the major designed space is a gracious two-story living room which opens to views from an adjacent library and two bedrooms at







the upper level. The living room ceiling matches the finish of the exterior cedar siding and opens through the rafters to a large clerestory window above.

Interior finishes have been limited to a few high quality materials such as natural oak, English quarry tiles, and berber carpet.

Of greatest significance is the fact that Messrs. Colby and Compton are still good friends and planning other projects!

Compton Associates, Ltd. of Reston was general contractor for the project.

#### Subcontractors & Suppliers

Russell Jenkins Excavation, Luray, excavation; Ralph Parker Landscaping, Culpeper, sodding, seeding, etc., landscaping & landscape contractor; H&M Paving Co., Inc., Alexandria, paving contractor; Bill Holloway Concrete, Fairfax, concrete contractor; Falcon Materials, Sterling, concrete supplier; Wayne S. Burleson, Sterling, masonry contractor; Cherrydale Cement Block Co., Inc., Herndon, masonry supplies & mortar; Arlington Iron Works, Inc., Manassas, steel supplier & miscellaneous metal; W. C. Jenkins, Gaithersburg, MD, carpentry; Devlin Lumber & Supply, Rockville, MD, structural wood millwork; S&S Products, Manassas, cabinet; Every Water Guard Co., Rockville, MD, waterproofing; United Materials, Springfield, roofing; A C & R Insulation Co., Beltsville, MD, roof/wall foundation insulation; and Airway Sheet Metal Co., Inc., Great Falls, sheet metal.

Also, Herndon Glass & Screen Service, Herndon, glass & glazing contractor; Binning's, Inc., Lexington, NC windows; Sheets Wholesale, Inc., Vienna, hardware supplier; M&B Ceramic Tile Co., Fairfax, ceramic tile; Miles Carpet Service, Inc., Merrifield, carpet; C. F. McCloskey, Alexandria, painting contractor; Duron Paint Mfg. Co., Inc., Herndon, paint supplier/manufacture; Ferguson Plumbing Supply, Chantilly, plumbing fixture supplier; O. W. "Bill" Smith Plumbing Heating, Sterling, plumbing contractor; J. Bennett & Sons, Merrifield, heating/ventilating air conditioning contractor; Dominion Electrical Supply Co., Inc., Arlington, lighting fixtures electrical/equipment supplier; and Paul A. Habach, Inc., Arlington, electrical contractor.



## MASSAPONAX CONCRETE CORP.

"Quality Service, Quality Products"

Rt. 3, Box 54 B

804/798-4757

Ashland, Va. 23005

## Good's Transfer Company, Inc.

"Serving Over Half the U.S.A."

FAST, DEPENDABLE REFRIGERATOR SERVICE

Dial 434-3848

Harrisonburg, Virginia

## Baughan Construction Co., Inc.

**General  
Contractors**

Dial 1-703-743-5141

LURAY, VIRGINIA



## MEGA CONTRACTORS, INC.

ROAD CONTRACTORS • GRADING • SOIL CEMENT • COMPLETE SITE WORK

P. O. BOX 6387  
RICHMOND, VIRGINIA 23231  
PHONE 804-749-3266



## J&W Landscaping, Inc.

*Keeping Virginia Green is Our Business*

Seeding, Soil, Mulching, Sodding

**PRODUCTS SALES DIV.**

Dealers In: Royster Fertilizer

All Materials Meet Virginia  
Highway Specifications

Phone 662-6394

Route #6 Box 134

Winchester, Va. 22601

## GRAY LUMBER COMPANY

*Specializing in  
Dimension Lumber*

*Since  
1884*

Phone 804-834-2292

WAVERLY, VIRGINIA

## BASS CONSTRUCTION CO., INC.

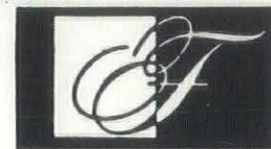


General Contractors  
RICHMOND, VIRGINIA

## BLUEPRINTING

DRAFTING SUPPLIES  
ENLARGING & REDUCING  
BY

XEROX 2080 PROCESS



PHOTOSTAT COPIES

**Bill Fabry Reproduction & Supply  
Corporation**

212 E. Franklin St.

RICHMOND, VA 23219

644-3648 OR 649-1916

MAIL ORDERS HANDLED PROMPTLY

## Worsham Sprinkler Co., Inc.



FIRE PROTECTION  
SYSTEMS

SALES & COMPLETE SERVICE

Phone 804-798-3381

313 S. Richardson Rd.

Ashland, Va. 23005

## COSTEN FLOORS, INC.

St. Reg.#7013

*We Furnish  
Install & Guarantee  
Hardwood Floors*

- STRIP
- PARQUET
- GYMNASIUM
- &
- PORTABLE FLOORS

Warehouse & Showroom

Call 804-264-2996

Telegraph Rd. & U.S. #1, North  
Richmond, Va.

## WOOD ROOFS, INC.



*Roofing Contractors*

RESIDENTIAL & COMMERCIAL

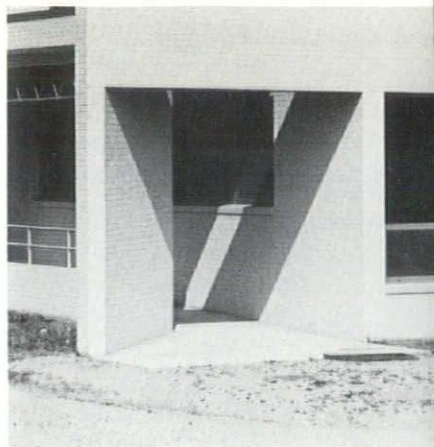
WHOLESALE & RETAIL

Phone 804-231-2445

RICHMOND, VA

*Serving Central & Southern Virginia*



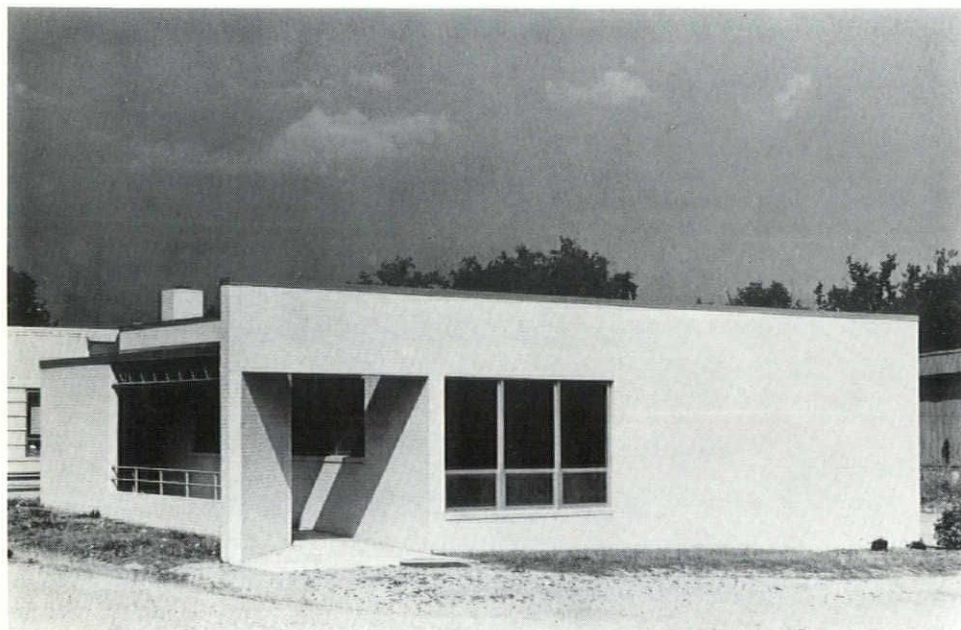


# Public Utilities Engineering Building

Newport News

**Evans and Hudson Architects, Inc.—Architect**

Mechanical Engineer, Vansant and Gusler, Inc. • Electrical Engineer, Vansant and Gusler, Inc. • Structural Engineer, DeYoung Johnson Consulting Engineers • General Contractor, Cochran Construction Co. Photography, Nicholas E. Viattas.



The Newport News Department of Public Utilities programmed an expansion to its Engineering Building to accommodate additional drafting space, records rooms and other auxiliary spaces.

Other program requirements were to make the building accessible to the physically handicapped, provide a new employee entrance, analyze the existing HVAC system, and adhere to the budget. Sitework outside of the building limits was not included in the project.

The major design objective was to create compatible massing with the new building and minimize the interface between the existing building and the addition. This allowed greater flexibility with the window proportions and masonry details.

The 45 degree splayed wall forms the major portal for the employee entrance and separates pedestrian from vehicular traffic. The exposed steel joist and metal deck canopy serves two fold to shade the south facing windows of the drafting room and protect the entrance ramp during inclement weather. The drafting room was oriented south to take advantage of the best view on the site.

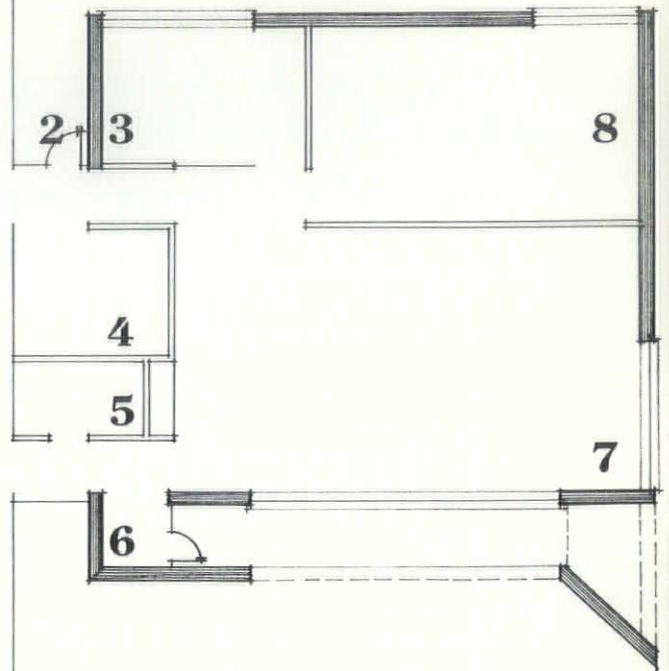
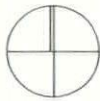
Exposed exterior metal fabrications are painted red, creating a striking contrast against the gray-tinted white building. Aluminum fascia system is gray to terminate the masonry parapet. Entrance doors are blue and windows are mill-finished aluminum with gray-tinted glazing.

The structure is masonry bearing walls, concrete slab and steel joists. Exterior walls are painted brick. Interior walls are painted gypsum board on metal studs. Floors are vinyl asbestos tile and ceilings are acoustical panel. the 200



1 existing building

- 2 service
- 3 conference
- 4 printing
- 5 handicapped toilet
- 6 employee entrance
- 7 drafting
- 8 filing



square foot expansion was completed and occupied in January 1980.

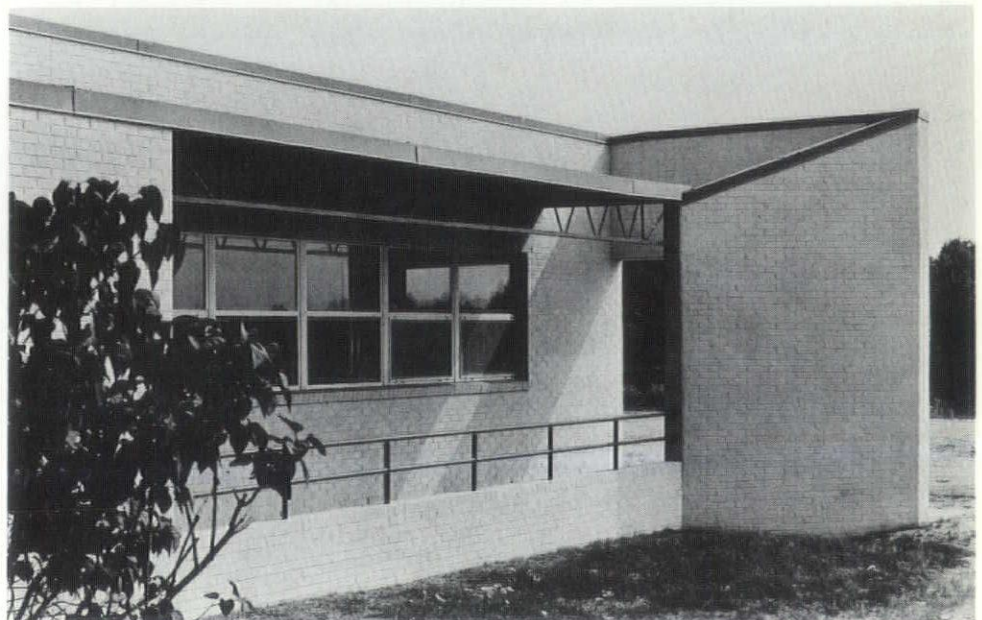
Cochran Construction Co. of Hampton was general contractor for the project.

#### Subcontractors & Suppliers

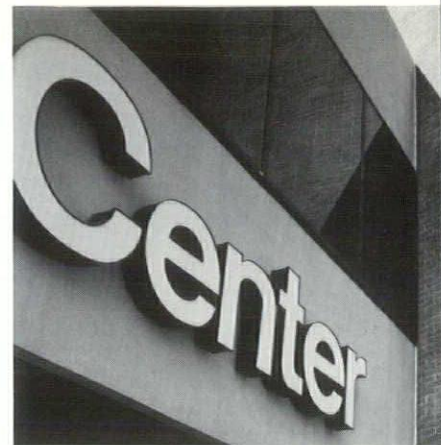
Norfolk firms were: Hall-Hodges Co., Inc., reinforcing; Eastern Roofing Corp., built-up roof, roof insulation and sheet metal; PPG Industries, Inc., glass, glazing contractor & windows; and Door Engineering Corp., specialties.

From Newport News were: Benson-Phillips Co., Inc., concrete supplier & masonry supplier; J. D. Hammond, Inc., masonry contractor; Paul Plaster and Acoustic Co., wall insulation, gypsum board contractor & acoustical treatment; and Deuell Decorating Co., Inc., painting contractor.

Others were: Compton Iron Works, Inc., Virginia Beach, steel supplier/erection/joists/roof deck & miscellaneous metal; Seaboard Building Supply Co., Virginia Beach, metal doors & frames, wood doors & hardware supplier; Southeastern Tile and Rug Co., Inc., Hampton, resilient tile; and R. F. Scott, Smithfield, sprinkler/plumbing/heating/ventilating/air conditioning/electrical contractor.



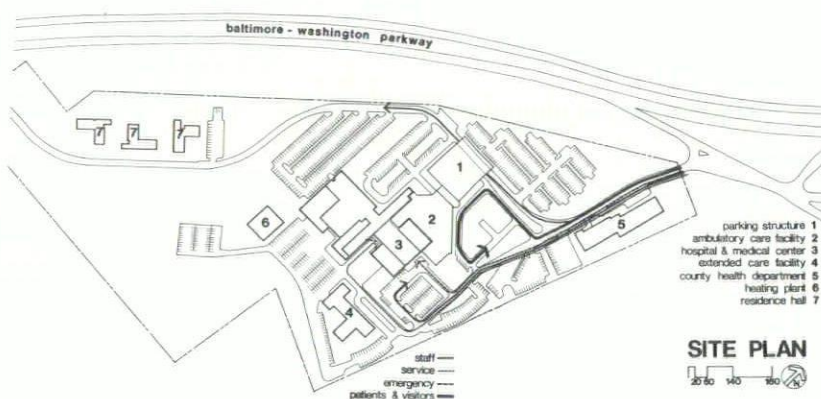




# Ambulatory Care Facility

Prince George's Hospital, Cheverly, Maryland

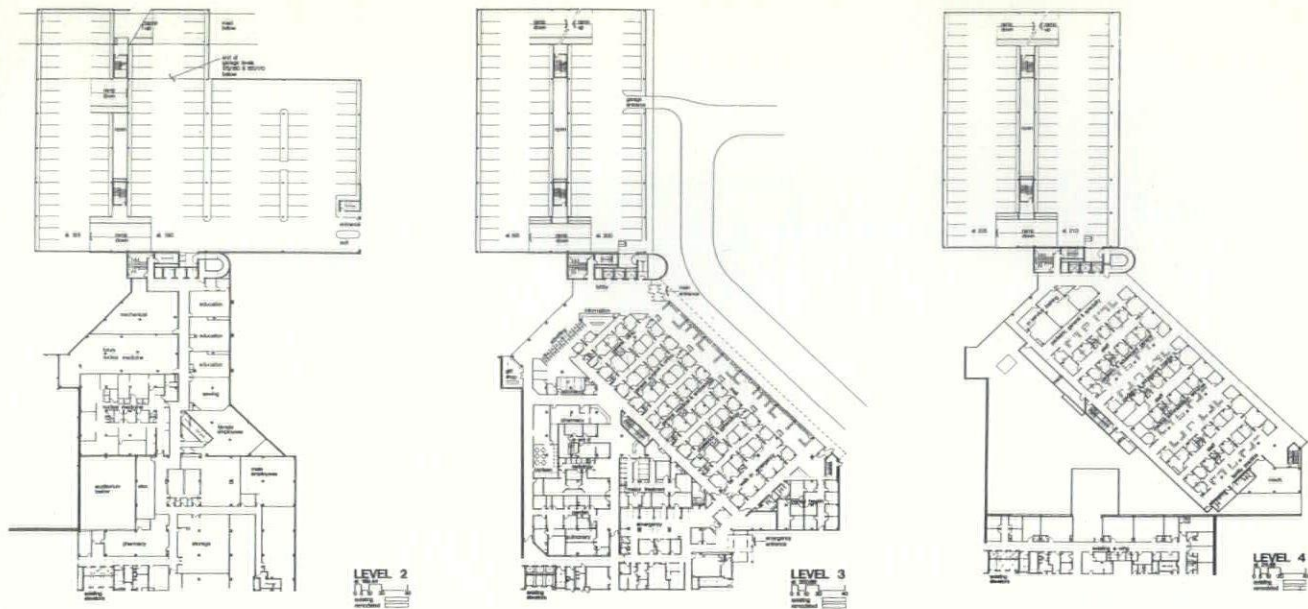
**VVKR Incorporated—Architect/Engineer**



Landscape Architect, VVKR Incorporated • Interior Design, VVKR Incorporated • General Contractor, General Federal Construction, Inc. • Photography, VVKR Incorporated.







The Prince George's Hospital project included the development and definition of community service loads related to ambulatory and emergency care. Consistent with this task, it also included the evaluation of existing resources of the 650-bed acute general hospital, programming, development of a master plan, and the design of new ambulatory care facilities for approximately 200,000 visits per year and structured parking facilities.

In this three-level, triangular-shaped structure individual clinics are located along a mall with waiting areas along the exterior, and diagnostic and treatment areas toward the interior of the building. The design of the facility allows a more efficient traffic flow to the clinics, which patients reach more easily through the coordinated use of brightly colored graphics and signage. A walk-in emergency clinic, located at one end of the mall, adjoins both the clinics and the emergency rooms. This is the major specialty referral center and is designed to accommodate a quarter of a million patient visits per year.

Significant features of this project include:

- The standardization of ambulatory clinic modules to accommodate a wide assortment of specialty ambulatory care clinics ranging from learning disabilities, family practice and psychiatric, through all the specialized medical/surgical clinics including endocrinology, cardio-







SERVING  
THE EASTERN  
UNITED STATES

MODULAR HOMES AND APARTMENTS  
PANELIZED HOMES — REAL ESTATE

P. O. Box 5511

Phone (703) 632-7101

MARTINSVILLE, VIRGINIA 24112

K. R. Olsen, Manager



**NATKIN**

SERVICE COMPANY INCORPORATED

Commercial—Industrial—Institutional

22000 WASHINGTON HWY. NORTH  
P.O. BOX 25597

CALL US AT (804) 798-8336  
AFTER HOURS CALL 355-6501  
RICHMOND, VIRGINIA 23261

## VIRGINIA AUTO GLASS CO.

CONTRACTORS  
Glass & Glazing

625 North Marshall Street

Chase City, Virginia 23924

## FRANKLIN MEMORIAL HOSPITAL

124 Floyd Ave., S.W.

Phone 483-5277

Rocky Mount, Va. 24151

## American Mechanical, Inc.

Industrial — Commercial — Residential

Phone 276-4071

5138 W. Belmont Road

Richmond, Virginia

# ABLE

EQUIPMENT CO., INC.

VISIT OUR NEW  
LOCATION AND  
SHOWROOM  
RENTALS  
SALES

NEW LOCATION  
21900 N. WASHINGTON HIGHWAY  
GLEN ALLEN, VA. 23060  
NEW PHONE — 804-798-1358

vascular and oncology. Expansion of certified medical center diagnostic and treatment facilities including specialized radiology, clear medicine, electroencephalography, dialysis therapy, pharmacy, and clinical pathology.

- The use of "schedule simulation" and "gaming" in clinic space program and modular determination.
- The functional relationship of acute emergency access, "walk-in-patient" access and emergency psychiatric patient access.
- The use of performance type documents for the procurement of structured parking facilities; and the integration of the type of procurement with custom designed clinical facilities.
- The use of Construction Management systems for project implementation.
- The project includes regional linen processing facilities to serve four institutions.
- The separation of staff work from patient circulation in each clinic module.
- Reorganization of circulation patterns, and point of entry patients and visitors to the medical center.
- The resources for the handling of rape crisis victims.

General Federal Construction, Inc. of Silver Spring, Maryland was general contractor and handled excavating, sodding, seeding, etc., and foundations.

### Subcontractors & Suppliers

Washington DC firms were: The Ceco Corp. concrete contractor/supplier; Thomsson Steel reinforcing; Washington Woodworking Co., Inc. carpentry & millwork; Prospect Industries, Inc. waterproofing; Commercial Glass Co., Inc. glass & glazing contractor; Kawneer Co., Inc. windows, window wall & storefront; Boulden Ceramic Tile Co., ceramic tile; Houghton Elevator Div. of Reliance Electric Co., elevators; and Atchison & Keller, Inc., sprinkler/plumbing/heating/ventilating/air conditioning contractor & plumbing fixture supplier.

Others were: Kidwell & Kidwell, Inc., College Park, MD, masonry contractor/manufacturer/supplier & mortar; Janco Enterprises, Inc., Landover Hills, MD, steel supplier/erection/joists/roof deck & handrails; American Iron Works, Inc., Bladensburg, MD, miscellaneous metal; Carl Toma, New Jersey, cabinets; J. W. Conway, Inc., Hyattsville, MD, caulking, built up roof, other roofing, roof insulation, foundation insulation & sheet metal; Firedoor Corp., New York City, NY, metal doors & frames; Fries, Beall & Sharp Co., Alexandria, hardware supplier; D. R. Thomas, Inc., Hanover, MD, gypsum board contractor & acoustical treatment; Madison Decorating Co., Crofton, MD, painting contractor/supplier, special wall finish & wall covering; and Dynalectric Co., Vienna, electrical equipment supplier & electrical contractor.

Also utilized were: Armstrong resilient tile; Lees carpeting; Metpar specialties & Watrous, Inc., equipment.

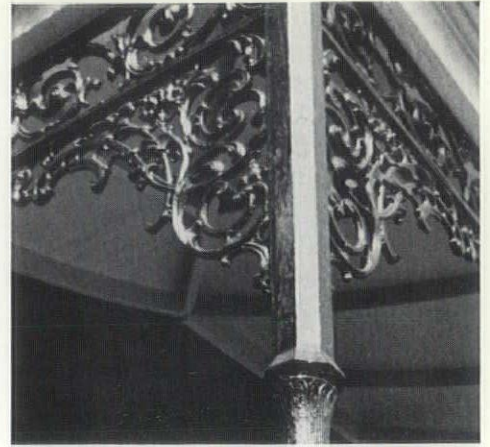
## SEABOARD PAINT & SUPPLY CO.

Phone 489-7600

Distributors of  
SCHLAGE, YALE and  
KWIKSET HARDWARE

40th & Killam Ave.  
NORFOLK, VA. 23508

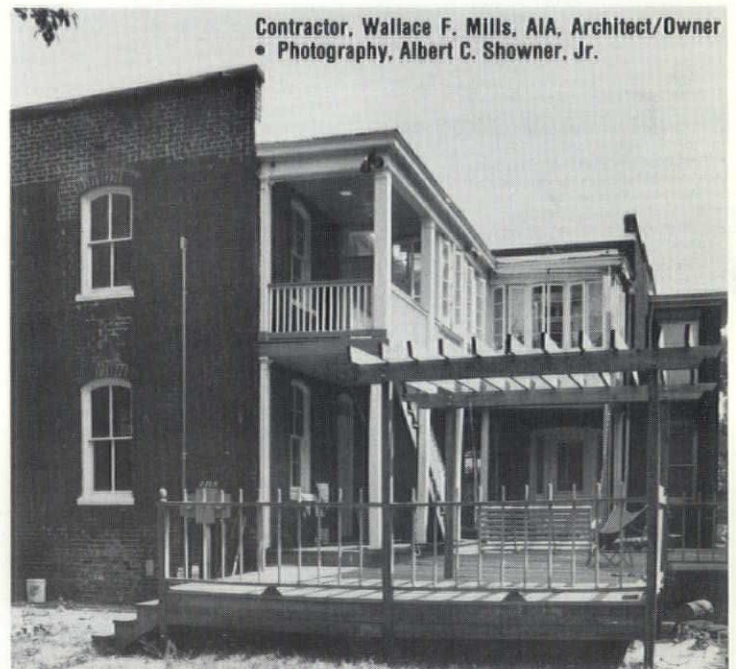
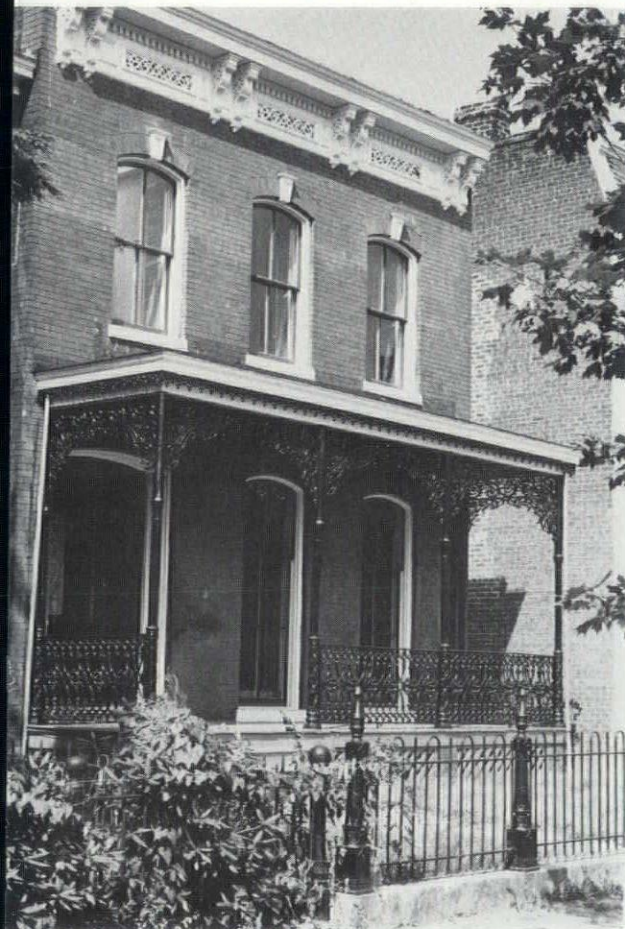




# The 'Meagher House'

Restoration/Renovation, Richmond

## Wallace F. Mills, AIA—Architect/Owner



Contractor, Wallace F. Mills, AIA, Architect/Owner  
• Photography, Albert C. Showner, Jr.

Church Hill in the past, was a forerunner of styles, prominent families and historic events; and to many of the families who lived there it was with sad goodbyes they left their often one-of-a-kind homes.

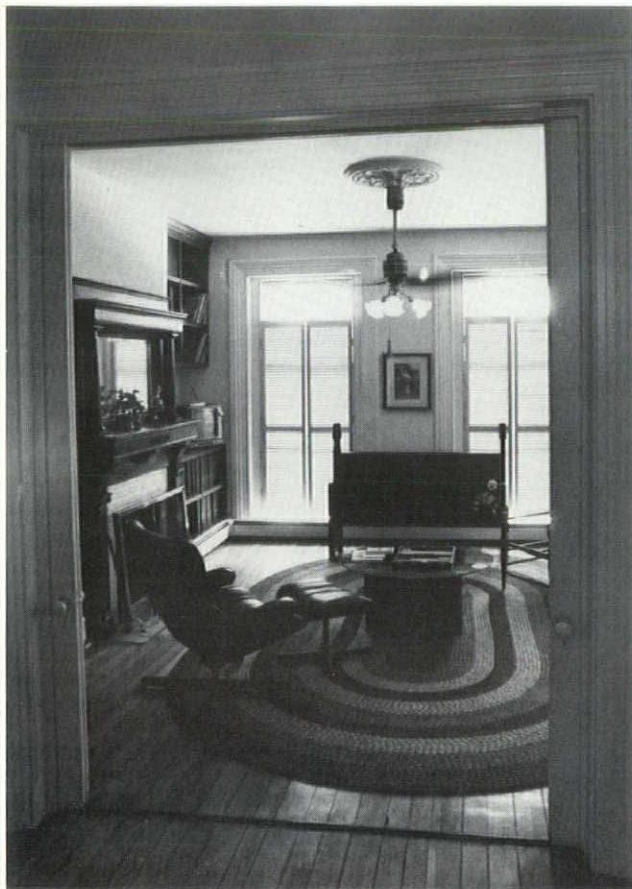
In recent years Church Hill has seen many people return; look past the dust and trash to the beauty of the buildings which have withstood both the continuous architectural style changes and the growth changes of a nation's people. The fact these buildings still hold the charm, space and can be adapted to an energy crunch, says it all for the close knit neighborhood of people which now occupy these homes and are striving to make Church Hill the focal point it once was.

It was these ideas, people, and a strong desire to save another well constructed building which led the Owner/Architect to restore the residence known as "The Meagher House," 2715 East Grace to its former elegance.

### The Residence

The large residence was restored and renovated; protecting the objects of the period in which the house was built, such as the floors, wood trim, plaster moldings, etc. The first floor starts with an entrance hall with a side alcove to the left and a formal living room to the right. From the formal living room with its hand made fans, large oak mantels, built-in





storage/entertainment wall, and floor to ceiling windows; you enter the formal dining room. This room has matching fixtures, mantel, etc. to the living room so that when entertaining these rooms can act either separately or together, by opening or closing the large sliding doors.

The dining room is served from a "Pullman" type kitchen, designed with minimum movement in mind. The kitchen has a trash compactor, range and range hood, exhausting to the outside, dishwasher, double stainless steel sink with a large disposal unit, refrigerator, large drawer storage cabinet, and master control center for the intercom system. There are sufficient base cabinets and wall cabinets around this room in oak finish, and overhead is a light fixture/glass rack designed for stemware and custom built for the house. The floor is of no-wax resilient sheet goods, in a glazed tile design.

Off the kitchen is a larger than average powder room with a reporecained corner sink. Beyond this room is a laundry center designed for a stack unit washer/dryer, with cabinets to store detergents or other items from the kitchen.

The kitchen, dining room, and entry hall open onto a large multi-level treated wood deck and gazebo. The deck opens onto a brick patio and large enclosed back yard. Beyond the back yard is offstreet parking for four cars.

The stair from the entry hall is original wood, restored with walnut handrail Newel Post and also restored metal "dust catchers" in the corners. This stair design is a "scissor" design with an intermediate landing. Off the landing is a working sun room/green house.

The green house has its own heat, 8'-0" Grow-Lite, sink and Formica work table. The floor is of resilient sheet goods for fast mop cleaning. In the corner is a storage cabinet of a curved design which is original with the house. The skylight is 1/2" plexiglas.

The second floor has two (2) large bedrooms with rebuilt fireplaces in each; ceiling fans or reostats; recessed lights in each room; and each room has a "wall" of closets.

This floor also has the master bath, a true bathers paradise. The tub is by Jacuzzi—"The Athena"—the largest bathing/whirlpool tub made by Jacuzzi, large enough for four (4) bathers. It is surrounded by ceramic tile with the ceiling over it at approximately 14 feet high and covered entirely with a 1/2" plexiglas skylight. On each side of the tub are mixing valves controlling "his" and "her" massage shower heads. The linen closet in this room is composed of low oak cabinets mounted over the heat system to provide heated towels in the winter. This room is the only room in the residence with carpet. Carpet was chosen for warmth and easy maintenance.

The heating system was designed for both economy for the owner each month and a consistent warmth, with controls sufficient to maintain the heat desired. The system consists of two (2) zones of hot water baseboard heat, and is fired by a gas boiler in the basement. One (1) zone supplies the second floor (sleeping area), and one (1) zone supplies the first floor (living area). This heat is also backed by a passive solar heating system. On sunny winter days, heat is gained by opening the transom of the door to the green house and allowing this green house trapped solar heat to come into the living area of the house.

Air conditioning or summer heat was studied for energy conservation. Each room has a ceiling fan which runs at full power with the energy consumption of one (1) 100 watt light bulb. The roof is insulated with 8" of cellulose insulation. The roof surface is coated with heat reflective aluminum coating and there are two (2) exhaust vents (wind and heat powered) to remove heat from the attic space. If all of the above fail to make the occupants comfortable, each room has a window or place, located not to be physically unattractive from the street, in which a window unit of small size can be located and the electrical service of these receptacles is a straight line to the breaker panel. Therefore, any use of a window unit for dehumidifying will not dim or fluctuate the power going to any other appliance. A duct system would have ruined the space of the rooms as they were designed. One (1) window unit per floor, running only at extreme weather days, and then only part of the day, should more than meet any demands at less cost than built-in air conditioning.

The hot water heaters for the residence are two (2) large gas hot water heaters, hooked in tandem to provide continuous hot water at any one time or any probable use demand. A total of 130 gallons are always hot and ready. The four (4) fireplaces in the residence were rebuilt from the grade through the roof. The first floor level has enlarged burning capacity, 30 inches wide, and the second floor has the original opening of 24 inches. All are lined with new fire brick, terra cotta flue liners and metal dampers.

The floors of the residence are Georgia Pine and were seasoned approximately five (5) years before being installed in the house. The house was built approximately 1870.

The wood trim is all multimembered trim of original design and of width and thickness as to be a prohibitive in the construction of a house on today's market, for cost alone.



The front porch wrought iron is original and took two (2) months in 1979 to restore so that the intricate forging designs were once again visible. The entrance door etched glass design was restored by Art Miller, "artist-in-residence" at the Virginia Museum of Fine Arts. The design was made from a single remaining piece of glass left in a side light. The house is wired to each room for stereo speakers from a master in the living room. Each room is wired for intercom with the master in the kitchen. Each room is wired with a phone jack, including the bathroom. The phone system is designed to take eight (8) separate numbers. The residence was truly designed with the arts in mind, music, dining, entertaining, and plants.

**The Apartment**  
Tucked behind and totally in harmony with the Residence is a two-story "brownhouse" apartment. It is completely sealed from the residence by other masonry walls or sound deadening double stud walls.

The apartment has its own entrances, exits, heat, utilities, etc., which make it a living unit within itself. The entrance is off the large deck into a "great room"; this room is comprised of three (3) sections, kitchen, dining, and living areas. The kitchen is an efficiency kitchen with refrigerator, double sink with disposal, and range with exhaust hood. After preparing a meal in this complete kitchen can be closed off from the rest of the room by folding paneled wood doors.

Several points of focal interest in this room capture the eye immediately upon entering. The iron spiral stair to the second floor, the small Petite "pied à terre" stove imported from France, and the exposed brick accent wall which carries upward through the stair well to the second floor. The great room also has windows on all three sides with views of the deck and gazebo, the patio, and back yard. This room is presently painted in oyster shell white with wall to wall carpet in honey beige.

Upon ascending the spiral stair you enter the second floor study, a small area separated from the bedroom by a low wall divider. The divider is approximately four (4) feet high; this allows the bedroom area to take on greater dimensions of space, by flowing from space to space.

Off of the bedroom is a complete sunroom/greenhouse, similar in construction and design to the residence however, there is a door leading to a

second floor balcony which overlooks the yards and has a straight stair leading to the deck.

Behind the bedroom there is a dressing room area with a wall of closets and a laundry room plus a full bathroom. The second floor is painted in oyster shell white with honey-beige wall to wall carpet. The bathroom and greenhouse floors are done in resilient sheet goods.

The architect extends special thanks to the many friends who helped through their labor and sincere belief in dreams.

Architect/Owner, Wallace F. Mills, AIA handled the general contract and painting.

Subcontractors & Suppliers  
(Richmond firms unless noted)

W. F. Bailey, carpentry & masonry; J. A. Monroe, restored iron work; H. T. Loving, Inc., Ashland, electrical contractor; A. H. Street, plumbing contractor; Casey Nickolous, heating contractor; Colonial Iron Works, Inc., Colonial Heights, wrought iron (new work & fence); Royal Windyne Ltd., ceiling fans; J. W. Donahue, sheetrock hanging; Ne-Di Construction Co., Inc., Manakin-Sabot, insulation; and Atlantic Electrical Supply Corp., light fixtures and intercom.

Also, Arthur Miller Studios Ltd., etched glass; Richmond Glass Co., miscellaneous glass; Virginia Paint Co., Inc., paint; Lowe's, cabinets and appliances; Massey Builders' Supply Corp., Lowe's and R. A. Siewers, Inc., materials; New Kent Wood Preservatives, Inc., Providence Forge, treated wood; Lou Bland, plaster work; S. W. Jackson, wood floors; American Carpets, Inc., carpet & resilient tile; Plywood & Plastics, Inc., skylights; and E. T. Long, Inc., cast iron stove.

## A. M. SAVEDGE CO.

ELECTRICAL CONTRACTORS

St. Reg. #6653

212 MAIN STREET  
NEWPORT NEWS, VA.  
WIRING & RE-WIRING



ELECTRIC HEAT INSTALLATIONS • RESIDENTIAL • COMMERCIAL



AUTHORIZED DEALER  
Armco Building Systems

PHONE (703) 885-0886

## J. B. WINE & SON, INC.

GENERAL CONTRACTORS

P.O. Box 2645  
STAUNTON, VIRGINIA



## OWEN PLUMBING & HEATING INC.

St. Reg. #7564

Mechanical Contractors

Phone 389-0249 1123 E. Main St.  
Salem, Virginia 24153

## AL-STEEL FABRICATORS, INC.

18th St. & Cleveland Ave  
ROANOKE, VIRGINIA  
Phone 344-6111

STRUCTURAL & MISCELLANEOUS

STEEL & ALUMINUM  
FABRICATION

Send us your miscellaneous  
fabrication inquiries

## ANDREWS & PARRISH CO.

GENERAL CONTRACTORS

State Registration No. 3218

Commercial and Industrial Construction

306 Richardson Road  
Ashland, Va. 23005

Telephone  
804-798-9078





## **Duffy Residence**

**Great Falls**

**Richard A. Compton, AIA**

General Contractor, Compton Associates, Ltd. • Photography, Adam Landis.

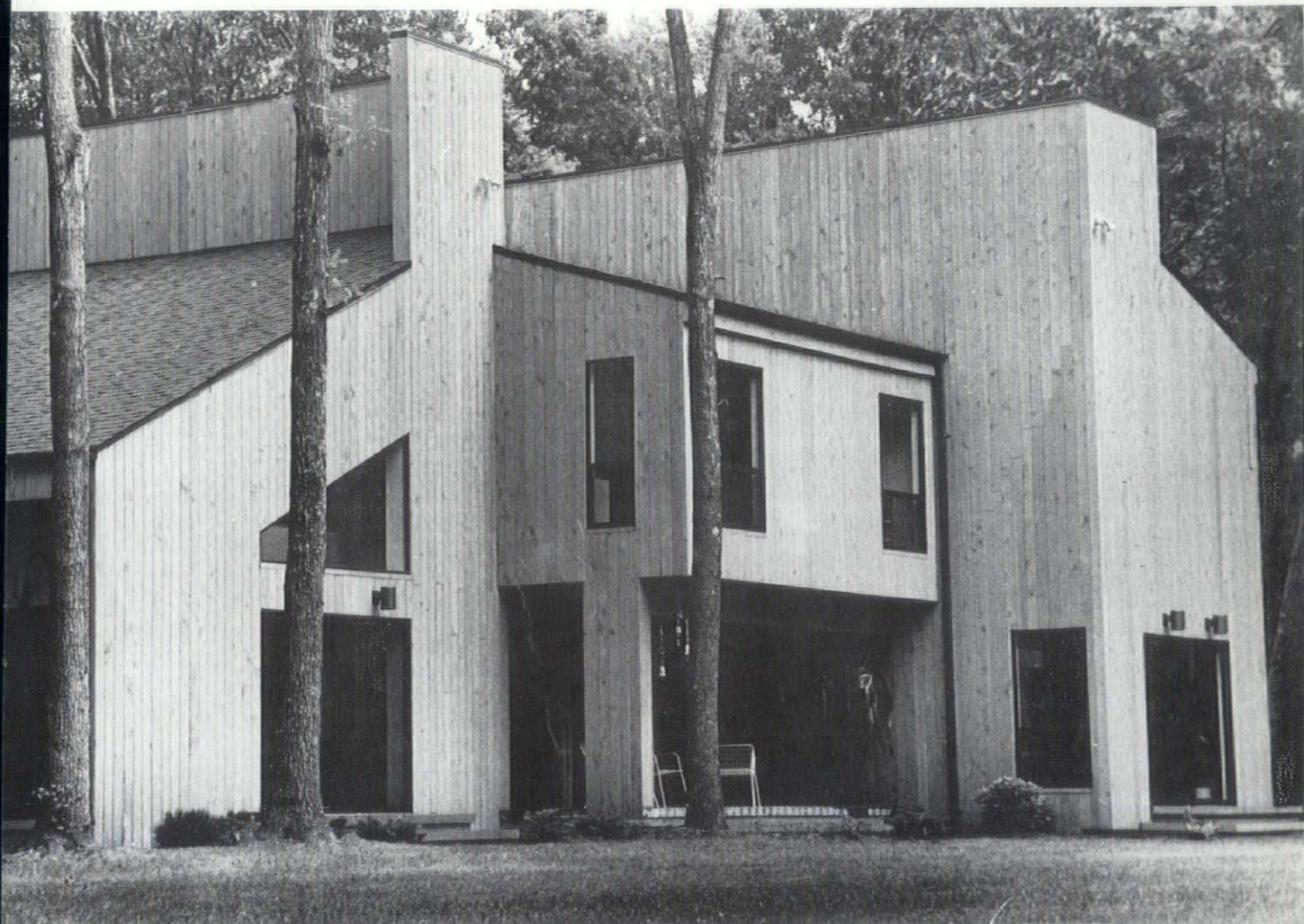
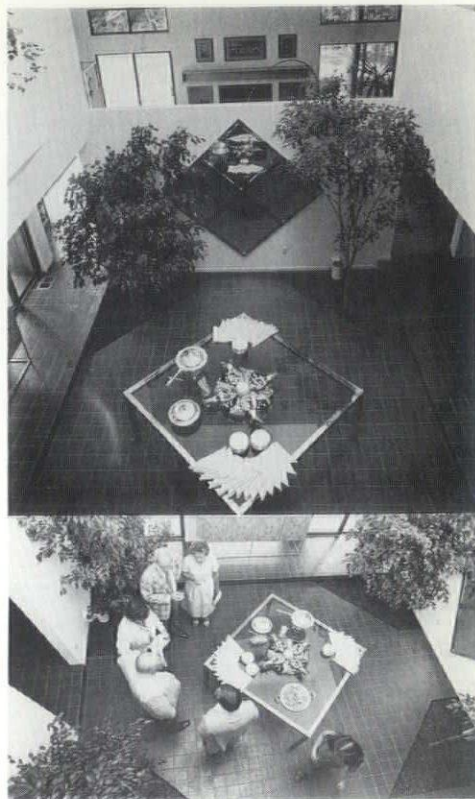




The Duffey Residence is one of three speculative homes which Architect Richard Compton and partners John Colby and Ned Ahmed have developed in an exclusive Great Falls, Virginia, neighborhood. The two-acre wooded site slopes gently up to the front entrance where the home is positioned to take advantage of prevailing breezes, passive solar opportunities and views of an adjacent 50-acre horse farm. The exterior is clad in vertical cedar siding with minimal trim detailing to allow the form of solids and voids to be clearly seen. Numerous exterior patios and decks serve each side of the home.

Designed around a large interior atrium dining room, all rooms of the home are open to the major two-story, skylighted space, affording open views and much circulation space for gracious entertaining. The kitchen, library, and bath cabinetry are custom crafted of flush overlay, natural finish oak. English quarry tile and natural oak floors on the main level complement the natural berber carpet selected for the upper level bedrooms and stairs. The skylighted master bath suite is enhanced by exquisite fixtures

*(Please turn the page)*





## Taylor Bros. Inc.

### architectural millwork

LUMBER

BUILDING MATERIALS WOOD ROOF TRUSSES

P. O. BOX 2436 • LYNCHBURG, VA.  
804 • TELEPHONE 845-8006

and a custom-designed botanical shower of ceramic tile.

To date, Mr. Compton has designed and built eight homes of this size and character for the speculative market in suburban Washington, D.C. The market response has been outstanding.

Compton Associates, Ltd. of Reston, was general contractor for the project.

Subcontractors & Suppliers

Russell Jenkins Excavation, Luray, excavating; Ralph Parker Landscape, Culpeper, sodding, seeding, etc., landscaping & landscaping contractor; H&M Paving Co., Inc., Alexandria,

paving contractor; Bill Holloway Concrete, Fairfax, concrete contractor; Falcon Materials, Sterling, concrete supplier; Wayne S. Burleson, Sterling, masonry contractor; Cherrydale Cement Block Co., Inc., Herndon, masonry supply & mortar; Arlington Iron Works, Inc., Manassas, steel supplier & miscellaneous metal; W. C. Jenkins, Gaithersburg, MD, carpentry; Herndon Lumber & Millwork, Inc., Herndon, structural wood millwork; S&S Products, Inc., Manassas, caulk; and Every Water Guard Co., Rockville, MD, waterproofing.

Also, United Materials, Springfield, roofing; C & R Insulation Co., Beltsville, MD, roof/wall foundation insulation; Airway Sheet Metal Co., Inc., Great Falls, sheet metal; Herndon Glass Screen Service, Herndon, glass & glazing contractor; Binning's Inc., Lexington, NC, window; Sheets Wholesale, Inc., Vienna, hardware supplier; M&B Ceramic Tile Co., Fairfax, ceramic tile; Miles Carpet Service, Inc., Merrifield, carpet; C. F. McCloskey, Alexandria, painting contractor; Duron Paint Mfg. Co., Inc., Herndon, paint supplier/manufacture; Ferguson Plumbing Supply, Chantilly, plumbing fixture supplier; O. W. "Bill" Smith Plumbing & Heating, Sterling, plumbing contractor; J. G. Bennett & Sons, Merrifield, heating/ventilating/air conditioning contractor; Dominion Electric Supply Co., Inc., Arlington, lighting fixtures/electrical equipment supplier; and Paul A. Halbach, Inc., Arlington, electrical contractor.

## AMERICAN WINDOW PRODUCTS, INC.

Dial 804/233-7617

5421 Distributor Drive

Richmond, Virginia 23225

## DANVILLE ELECTRIC COMPANY, INC.

Electrical Contractors

INDUSTRIAL — COMMERCIAL — RESIDENTIAL

E. B. (Tom) Abbott, President

210 Craghead Street

DANVILLE, VA. 24541

Telephone 792-7022

## LEADBETTER CONSTRUCTION CO.

General Contractor



COMMERCIAL — INDUSTRIAL

I-95 & Lewiston Road Exit  
Hanover Industrial Air Park

Dial 798-8301

405-A Air Park Road  
ASHLAND, VA. 23005

## Leonard Smith Sheet Metal & Roofing, Inc.

Roofing & Sheet Metal Contractors

RESIDENTIAL—COMMERCIAL—INDUSTRIAL

1020 College Ave.

SALEM, VIRGINIA 24153

Phone (703) 389-8614

## CUSHING MANUFACTURING & EQUIPMENT CO.

METAL FABRICATORS

Phone 231-1161

2901 Commerce Rd.

Richmond, Va.



Member  
FDIC

511 Main Street  
Clifton Forge, Virginia 24422  
Phone: 862-4251

## First National Bank of Clifton Forge

Monday thru Friday  
9:00 AM — 5:00 PM

## B. R. GERY Tile & Marble Co.

Ceramic Tile Contractor  
COMMERCIAL — RESIDENTIAL

5112 Coxson Rd.

Richmond, Virginia

222-6240

## L&H Company of Montross, Inc.

Machine Dug Wells & Test Holes

Call

Donald Hall  
Phone 493-3682

or  
Willard Hall  
Phone 333-8609

Concrete Products-General Road Work-Paving

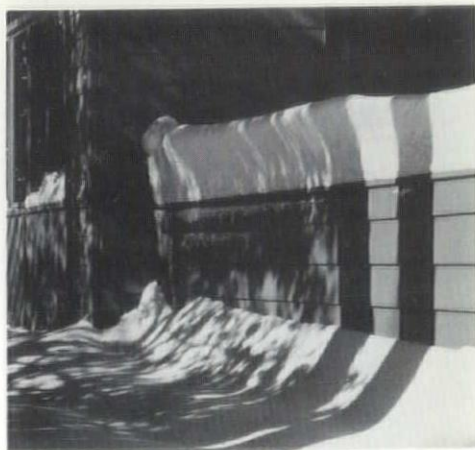
Montross, Virginia



FOR SOLID VALUE Specify  
**LAWRENCEVILLE BRICK**

P.O. Box 45  
Lawrenceville, Va. 23868

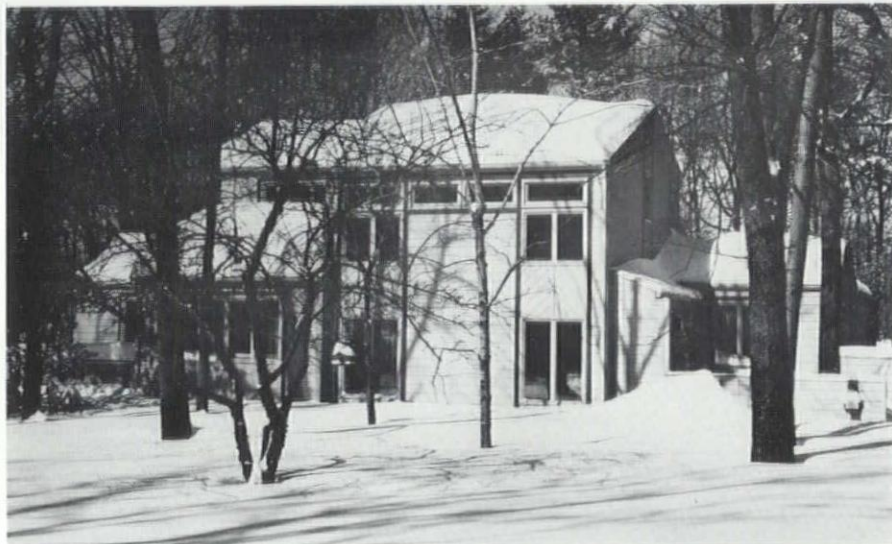




## Residence for Mr. & Mrs. Karl Johnson

Airfax

Lynwood E. Brown, AIA & Associates, Inc.—Architect



Designer, Richard A. Schoppert • Structural Engineer, Bushey-Burray, Architects/Engineers • Interior Design, Mr. and Mrs. Karl Johnson, Owners • General Contractor, George Curtis Home Improvements • Photography, Karl Johnson.



← BEFORE



The limited size of a home and growing family needs demanded an addition to the Johnson house in Annandale. Several requirements were to be met; maintaining the "family" rear play area was major. The nearby neighborhood contemporary design was admired and thereby fostered a face-lifting that would relate to the immediate neighbors traditionally rooted homes. Because of zoning setback requirements, limited budget and the desirability of saving front yard trees for summer shading, a limited front addition was arrived at. A second level was incorporated to achieve separation and space requirements as well as drama and a multitude of "intrinsic" such as vistas and ventilation.

The first floor involved enlarging the living room as well as an existing bedroom that was modeled into a family room with a separate children's courtyard/entry. A sunken foyer, stairs and recessed armour closet with two

(continued on page 40)





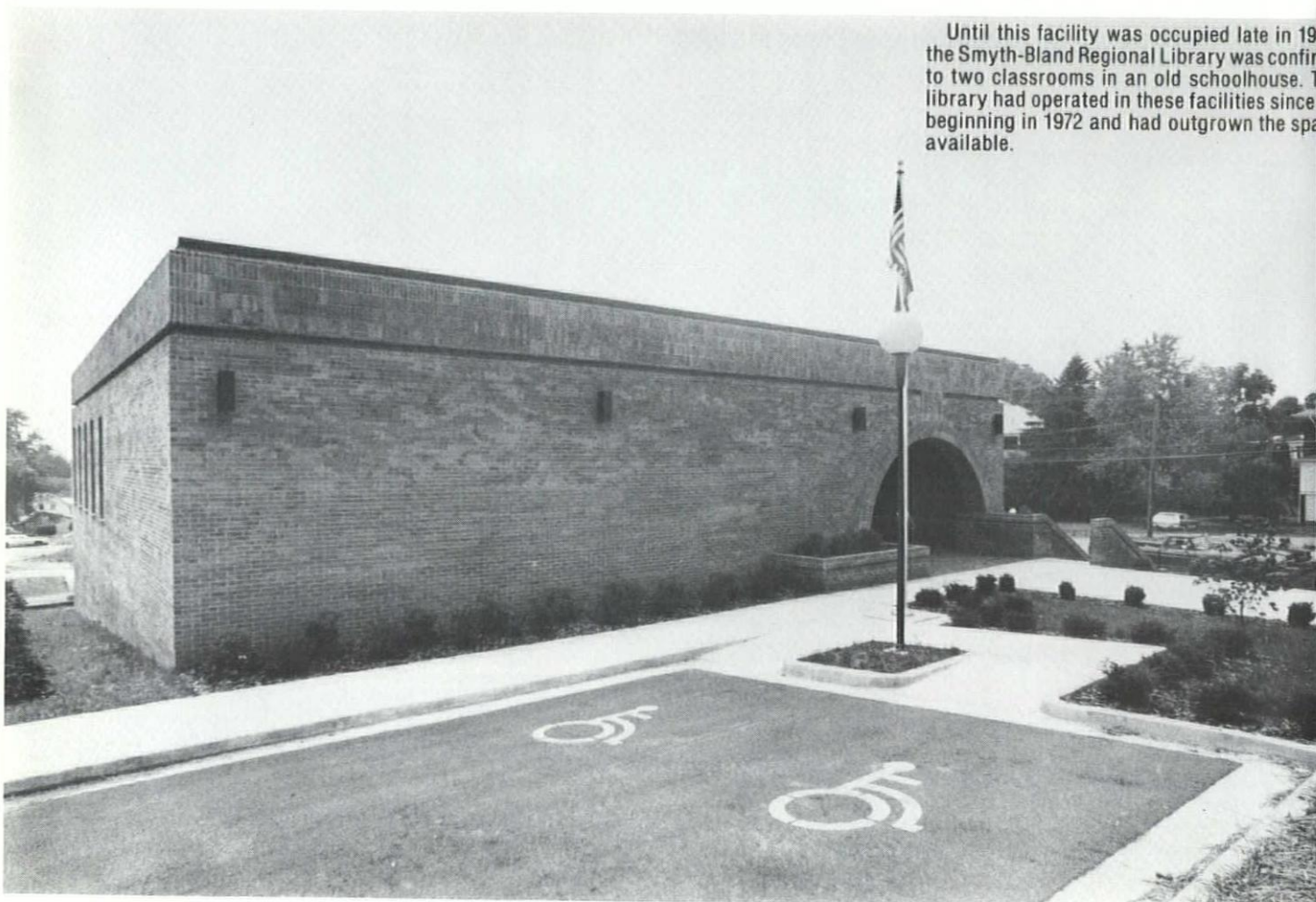
# **Smyth-Bland Regional Library**

**Phases I & II, Marion**

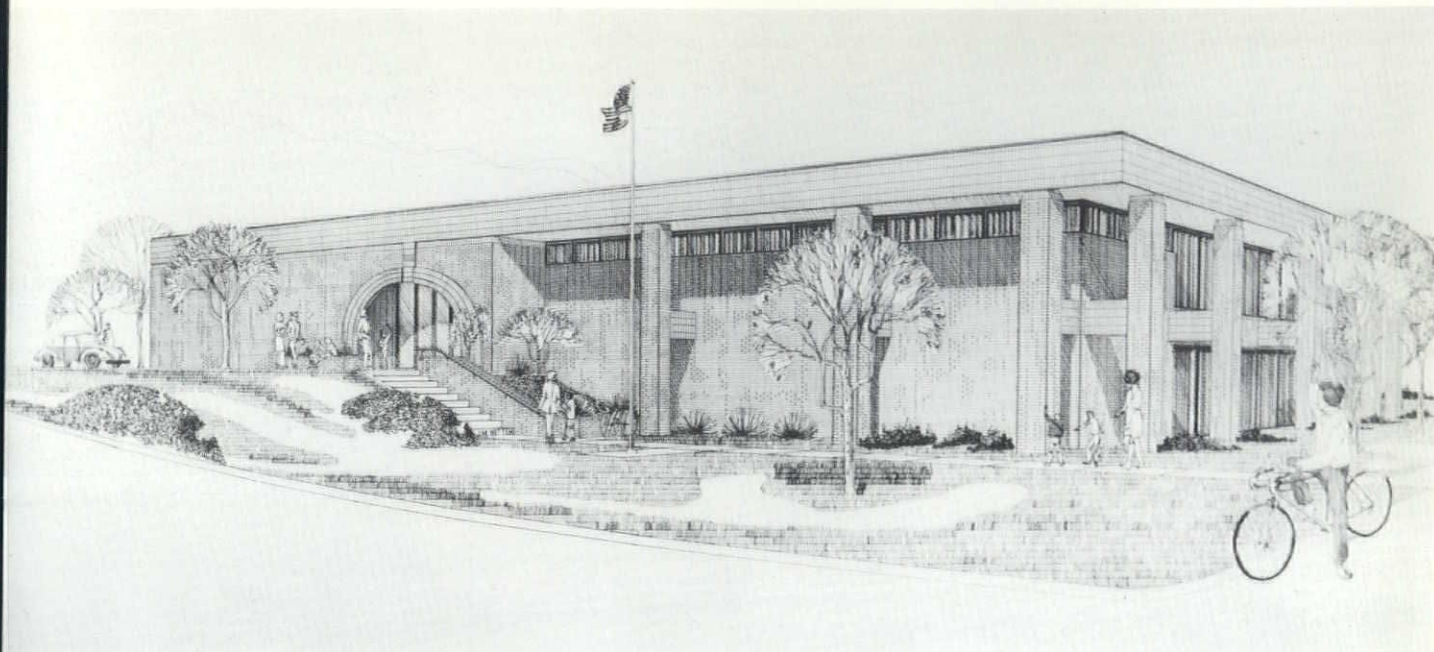
**Echols-Sparger & Associates—Architect**

Mechanical Engineer, Loest & Stanley, Inc. • Electrical Engineer, Loest & Stanley, Inc. • Structural Engineer, Rayford B. Smith • Interior Design, Echols-Sparger & Associates • General Contractors, Osell Brothers, Inc. - Phase I, Payne Construction Inc. - Phase II • Photography, Echols-Sparger Associates.

Until this facility was occupied late in 1972, the Smyth-Bland Regional Library was confined to two classrooms in an old schoolhouse. The library had operated in these facilities since beginning in 1972 and had outgrown the space available.







The federal Public Works Grant Program presented an opportunity to secure the funds needed for a new library. Largely through the efforts of a local volunteer organization, the Friends of the Library, an excellent site in the heart of Marion, Virginia, the County Seat of Smyth County, was obtained. Application for construction funds was then made by the Smyth County Board of Supervisors.

Funding was provided for approximately one-half of the proposed project. It was, therefore, necessary, within a tight time frame, to reduce the size of the project significantly. The initial construction was divided into two contracts to expedite commencement of construction. Echols-Pargner and Associates devised a phased-con-

struction plan which would allow the new building to be expanded as funds became available. Space usages within the first phase were reassigned to accommodate all the library's functions until the remainder of the facility can be constructed.

Charging, references, reading area, and periodicals are presently accommodated within what will eventually be the information/charging area. Other spaces include the stack area, children's library and bookmobile garage.

On the exterior, the building gets its character from the articulation of its brick surfaces. There is considerable use of soldier coursing and a structural brick arch unmistakably defines the entrance. The future construction will comple-

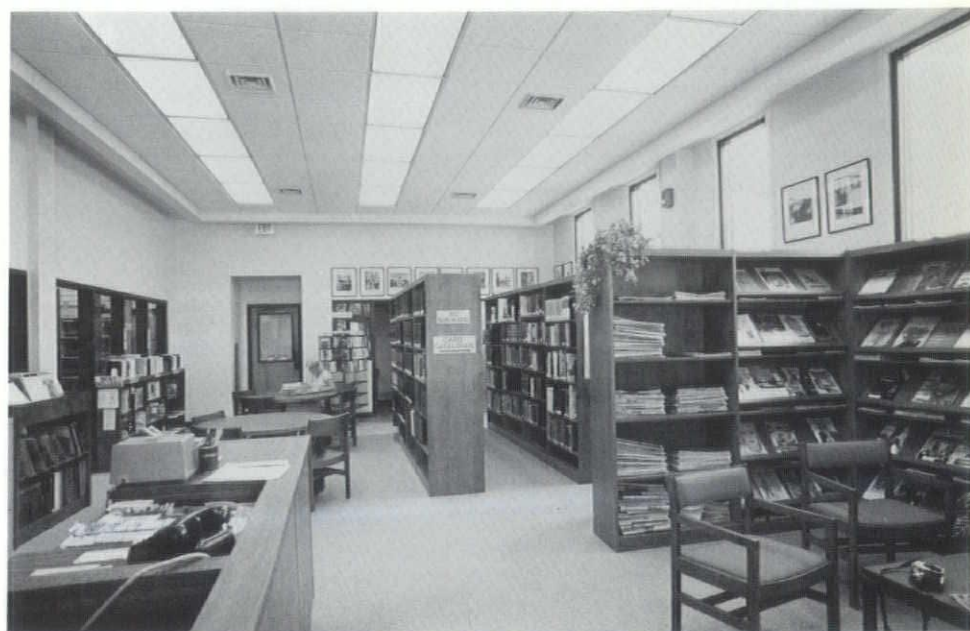
ment and expand upon the design theme established by the built portion of the project.

Cassel Brothers, Inc. of Kingsport, Tennessee was general contractor for Phase I, and handled foundations and concrete work.

Payne Construction Co., Inc. of Bedford was general contractor for Phase II, and handled sodding, seeding, etc., and carpentry.

#### Subcontractors & Suppliers

Carr Brothers, Blountville, TN, excavating; Valley Steel Corp., Salem, reinforcing; Pendleton Construction Corp., Marion, concrete supplier; Moore Masonry, masonry contractor; Virginia Block Co., Pulaski, supplied block; General Shale Products Corp., Marion, supplied brick; Al-Steel Fabricators, Inc., Roanoke, steel supplier/joints





& miscellaneous metal & handrails; Wilson Construction, Lafollette, TN, steel erection; Tauscher Roof Deck Co., Bristol, TN, steel roof deck; Bonitz Insulation Co., Inc., Asheville, NC, other roof deck & roof insulation; American Woodworks, Inc., Knoxville, TN, millwork & wood doors; and Commercial Caulking Co., Richmond, caulking.

Also, Leonard Smith Sheet Metal & Roofing Co., Inc., Salem, built-up roof & sheet metal; A&H Contractors, Inc., Roanoke, wall & foundation insulation, plaster contractor, gypsum board contractor, acoustical treatment & resilient tile; Holston Glass Co., Inc., Kingsport, TN, glass, glazing contractor, windows & store-

front; Seybar, Inc., Martinsville, metal doors & frames and hardware supplier; Joe Rainero Tile Co., Inc., Bristol, ceramic tile; Discount Carpet Center, Seven Mile Ford, VA, carpet; Contract Wall Coverings, Salem, painting contractor/supplier; Devoe & Reynolds, Co., Inc., Roanoke, paint manufacturer; Rosenbaum of Roanoke, Inc., Roanoke, specialties; King Business Interiors, Inc., Roanoke, equipment; Noland Company, Roanoke, plumbing fixture and lighting fixtures supplier; Systems Contractors, Inc., Wytheville, plumbing/heating/ventilating/air conditioning/electrical contractor; and General Electric Electric, Plainville, CT, electrical equipment supplier.

## Johnson Residence

(From page 37)

layered skywindows overhead was incorporated.

The second floor addition had the master bedroom placed over the "quiet" living room. The bedroom suite includes a bathroom and a walk-in closet, as well as a study over a portion of two-story foyer/stairwell.

The remodeled areas removed resistance to the radiant ceiling heating system. Increased insulation, double glazed windows and a standard "package" heat-pump unit were installed to maximize energy savings. Due to the front orientation to the south, passive solar was possible.

Shingles, siding and similar color scheme were used to match the existing house for shingles and to complement it. A slight color accent was used to unify the window groupings.

The main entrance was shifted to orient driveway/parking. An entry court yard was created for softening of the two-story vertical element as well as wind screening.

Separate wing/screening walks, which extended past the addition on two sides, create zones of privacy and entrance to family room as well as visibly extending the structure.

George Curtis Home Improvements, of Vienna, was general contractor and handled sodding, seeding, etc., foundations, steel erection, carpentry, caulking, roofing, wall insulation, shingle metal and exterior painting. The owner handled interior painting.

### Subcontractors & Suppliers

Equipment Services, Falls Church, excavating; Richard Abernathy, Fairfax, concrete contractor; Virginia Concrete Co., Inc., Springfield, concrete supplier; H. O. Engen, Inc., Vienna, masonry supplier & mortar; Sheets Wholesale Inc., Vienna, steel supplier; Hercules Iron Works, Merrifield, handrails; Lowes of Vienna, Vienna, structural wood; Dale Lumber Co., Inc., Falls Church, millwork; and Andersen, windows.

Also, True Tile Co., Inc., Woodbridge, ceramic tile; Duron Paint Mfg. Co., Inc., Herndon, paint supplier/manufacture; James D. Hardy, Arlington, plumbing contractor; and Town & Country Electric, Heating & Air Conditioning, Annandale, heating/air conditioning/electrical contractor.

## Don Largent Roofing Company, Inc.

St. Reg. #6019

*Roofing and Sheet Metal*

ROOFING MATERIALS

"OVER FIFTY YEARS COMBINED EXPERIENCE"

COMMERCIAL — INDUSTRIAL

1021 Toppin

Dial (703) 434-0868

HARRISONBURG, VIRGINIA

## Galax Plumbing and Heating Co., Inc.

*Plumbing and Heating Contractors*

COMMERCIAL—RESIDENTIAL—INDUSTRIAL

1000 South Main St.

P.O. Box 1039

Phone (703) 236-6146

Galax, Va. 24333

## Rockydale Quarries Corporation

CRUSHED STONE AGRICULTURAL LIME

Plants at: Lynchburg, Staunton, Appomattox,

Big Stone Gap & Starkey, Virginia

Phone 703-774-1696 - P.O. Box 8425 - Roanoke, VA. 24014

## MOUNTCASTLE LUMBER CO.

INCORPORATED

LUMBER—BUILDING MATERIALS

Phone 966-2252

PROVIDENCE FORGE, VA.

## Payne Construction Company, Inc.

St. Reg. #15506

COMMERCIAL—INDUSTRIAL—INSTITUTIONAL



Phone 703-586-4669

145 West Main Street

Bedford, Va. 24523



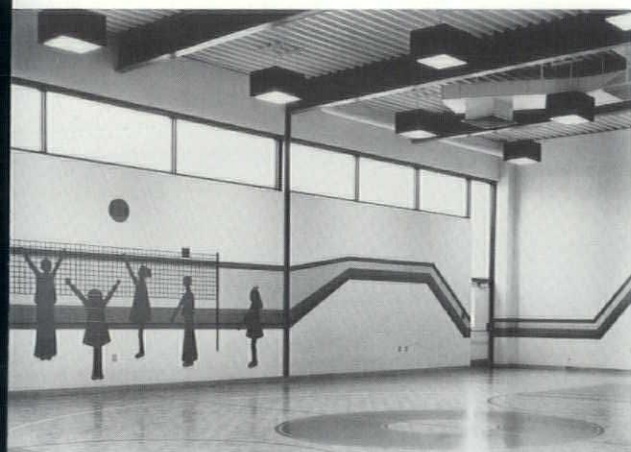


# Buchanan Elementary School

Addition, Buchanan

**Sherertz, Franklin, Crawford, Shaffner—Architect**

Mechanical Engineer, Lawrence E. Perry and Associates • Electrical Engineer, Lawrence E. Perry and Associates • Interior Design, SFS Interiors • General Contractor, C. L. Lewis and Company, Inc. • Photography, Bedford Photo Finishers.



On February 1, 1978, a structure fire was reported at the old Buchanan Elementary School. The origin of the fire was never specifically determined, however, the resulting destruction was total. This event left several hundred children without adequate educational facilities.

The first priority of the Botetourt County School Board was to provide facilities for the children to continue their education. Two factors played an important role in the final solution to the problem created by the fire. First, the school administration and board had the foresight to plan ahead for their evergrowing community and second, the old school which was destroyed was insured for "replacement value."

Several years prior to the fire, the school administration had requested that a new elementary school, which was being built in Buchanan, be designed with expansion capabilities. Sherertz, Franklin, Crawford, Shaffner were the architects for the elementary school which was completed in 1974. What was to happen to the school in terms of expansion at some later date became an immediate reality due to the fire.

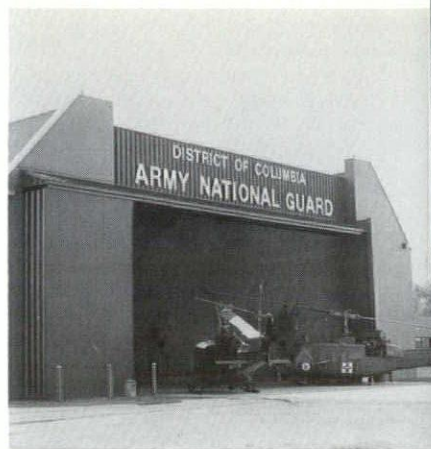
In planning a facility to replace the destroyed school building, SFCS studied several different schemes as well as the possibility of a new replacement facility. They determined that an addition to the school they had designed in 1974 was the most desirable solution to the problem.

It took the school board approximately five months to resolve what course of action to pursue and to sort out insurance and legal matters. In July 1978, SFCS began design of the addition. Since much time had been

*(Continued on page 53)*



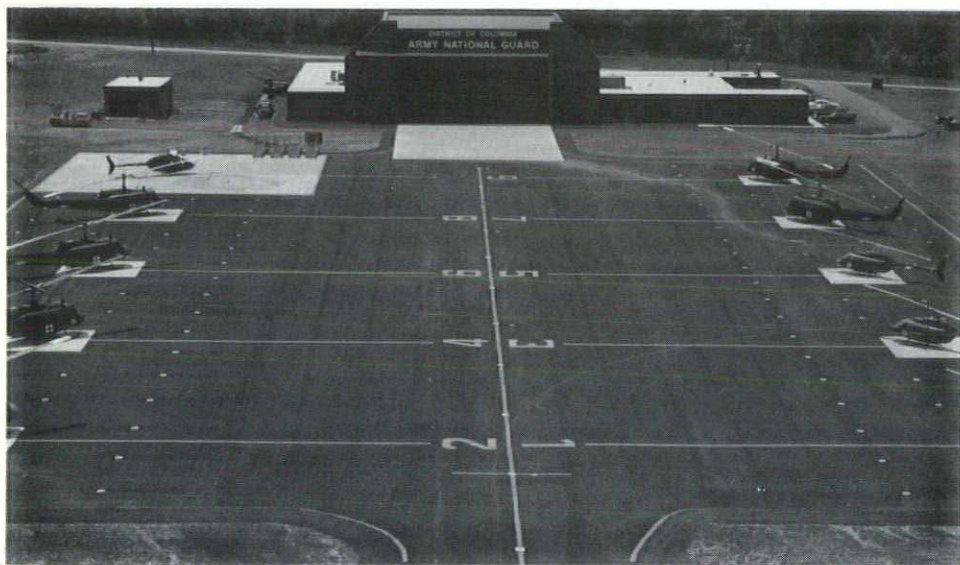




# Army Aviation Support Facility

Fort Belvoir

**Jones & Strange-Boston—Architect/Engineer**



Ground Water Control, Robert D. Sayre • Interior Design, Jones & Strange-Boston • General Contractor, Kora & Williams Corp. • Photography, Steve M. Jones, AIA

Operating from trailers and "borrowed" corners of hangar space for some 12 years, the Aviation Section of the District of Columbia National Guard was finally authorized to build its own facility for maintenance and flight operations. Jones and Strange-Boston were selected as architects and engineers for the project and, working closely with the owners' U.S. Property and Fiscal Officer and the Aviation Officer, site study was begun. While the National Guard had already secured a lease on a site at Davison Army Air Field, Fort Belvoir, an intensive re-study of sites available at Andrews AFB, Dulles IAP, and other locations was conducted by the National Guard Bureau to verify the choice. Air traffic patterns, proximity of like equipment and special fuel and maintenance support offered by the U.S. Army at Fort Belvoir confirmed the original placement decision and design work was begun for the leased site.

Four major problems were presented by the selected site: sloping ground; poor surface drainage off site; underground springs; and soil con-

taminated with wood parasites. These were overcome by the architects with careful grading, storm water management techniques, subsurface drainage systems, and an on-site soil stockpiling program. The site, while layered with early fill up to seven feet, was found suitable for spread footings located on the original ground.

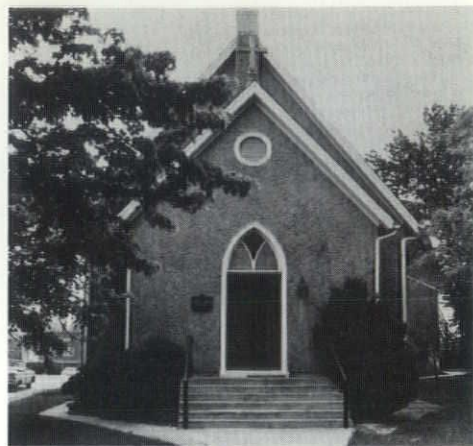
The facilities provided within the building are in two categories: Operations/Administration in the one-story finished portion along the airfield side, and Maintenance, which includes the hangar and the shops grouped around it. Surrounding the hangar are Prop/Rotor Repair Shop, Avionics, Painting, Welding, Sheet Metal, Battery, etc., together with a complete Supply Section. The Operations/Administration section provides classroom training, reference space, flight planning and operations control, as well as the required office space. Landing lights leading into the tie-down pads are controlled from this wing.

The 27-foot high hangar doors are easily moved in sections by one man. They are insulated steel construction, with metal siding and ball-bearing bottom wheels supported on steel rails; electric heating wires are used to prevent ice build-up on the tracks. A wind truss space frame is used at the head of these doors for rigidity and support against gusts of wind across the airfield. The size of the door opening eliminates much of the required rigidity on the front side of the hangar wall—to strengthen the wall, the architects provided side buttresses which give the building its identifying shape. Other features of the hangar are a surface grounding system, carefully controlled floor slopes, and a three-ton bridge crane used to lift major aircraft parts and transfer them to dollies at shop doors.

Since long-term maintenance is always a problem at an armed service installation, in this it is usually accomplished on a contract basis.

(Continued on page 5)





# Christ Episcopal Church

Addition, Amelia Courthouse

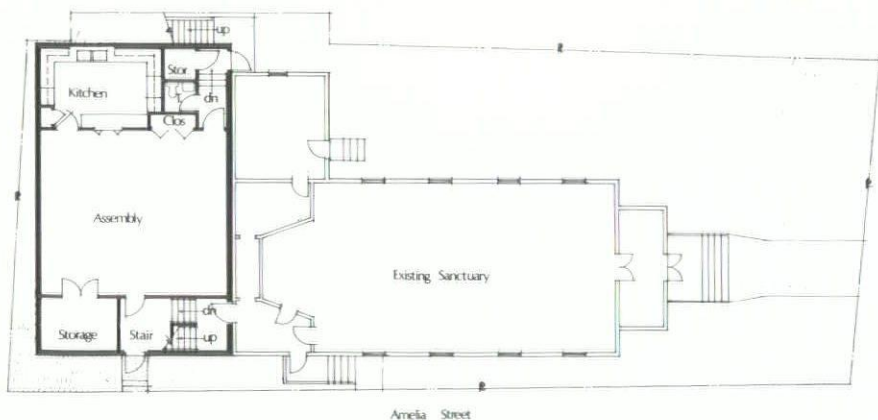
## Fraher and Harrison—Architects

Mechanical Engineer, Simmons, Rockecharlie & Prince, Inc. • Structural Engineer, Dunbar, Milby & Williams • General Contractor, T&L Construction Co.

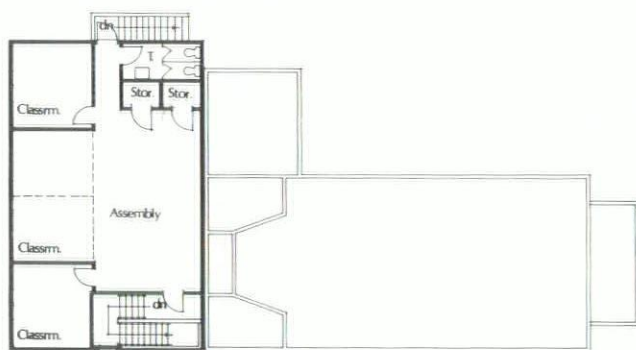
Christ Church in the village of Amelia is a fine example of a small rural 19th Century Virginia church. Built in a Victorian Gothic style, the one-



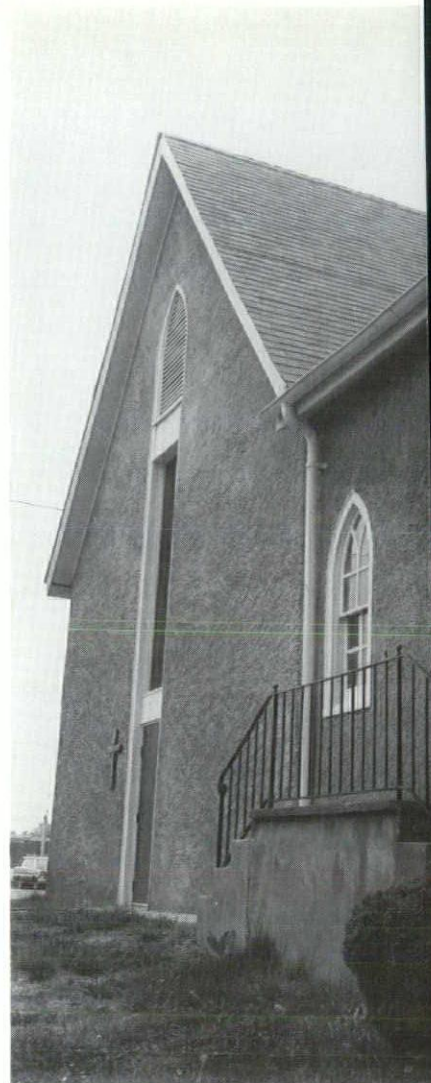




Lower Level Plan



Upper Level Plan



room church was consecrated in 1888 although church records indicate it may have been built a few years earlier.



The church remained in use with few changes until the recent addition was made to provide Sunday School space, kitchen and toilet facilities. Although contemporary in feeling, the addition was designed to blend with the existing building by the use of the same rough stucco exterior, steeply pitched roof, and the adaptive use of the Gothic arch which characterizes the original building.

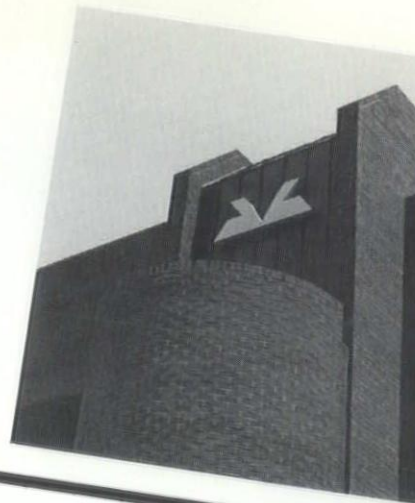
Because the site was very limited in size, the addition was designed with two floors connecting the existing building at an intermediate level. Since the addition required the closing of an existing window, skylights were installed above the hallway behind the chancel, providing back-lighting for an existing stained glass window.

T&L Construction Co. of Midlothian was general contractor and handled excavating and carpentry.

#### Subcontractors & Suppliers

E. L. Hogan, Chesterfield County, concrete contractor; Joe Easter, Amelia County, mason contractor; Sneed's Cabinet Shop, Chesterfield County, cabinets; John Binns, Cumberland County, roofing; Howard Bollinger, Amelia Courthouse, plaster contractor; C. V. Richardson, Amelia Courthouse, gypsum board contractor; George Olin Hardy, IV, Amelia Courthouse, plumbing/ventilating/electrical contractor.

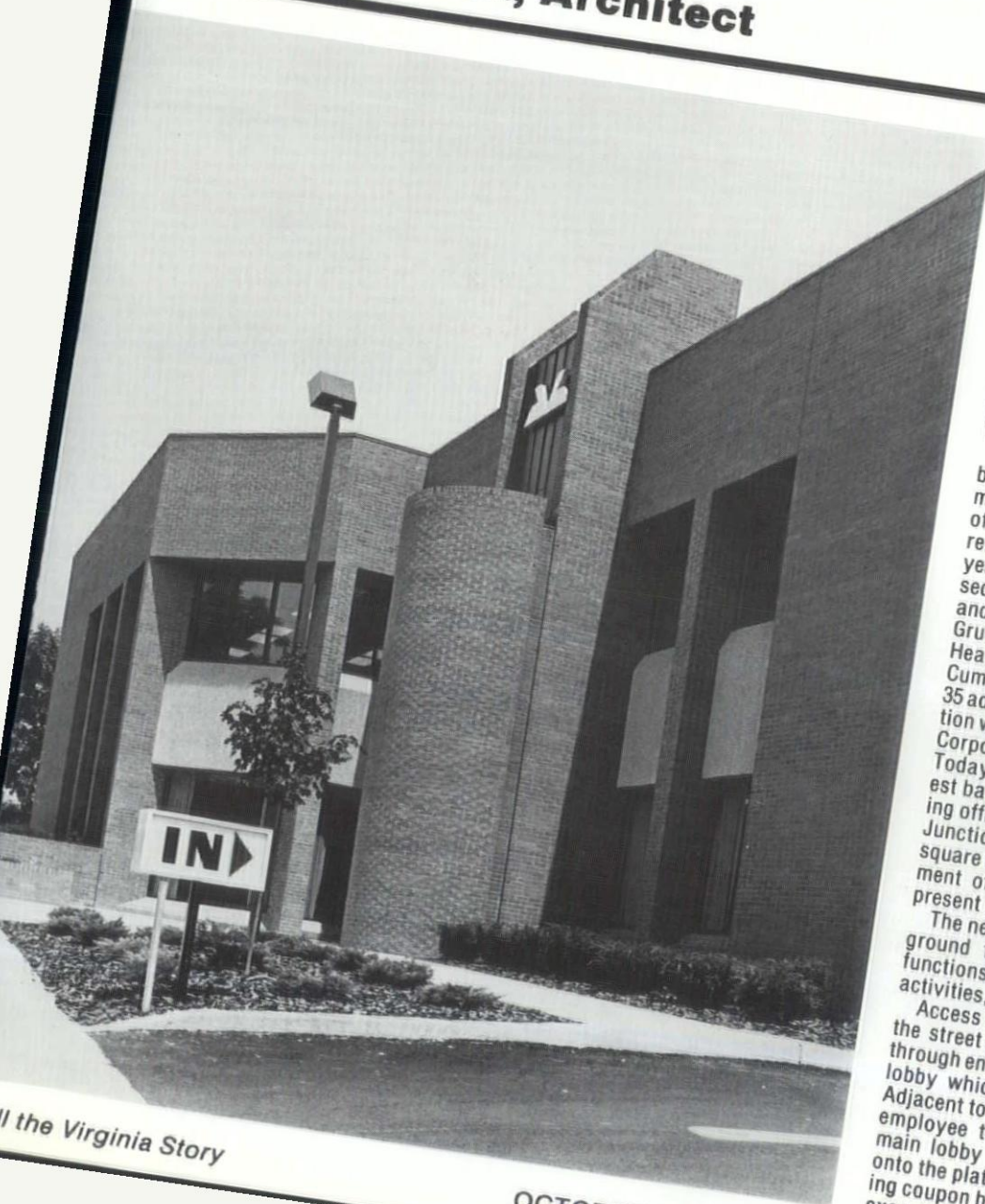




# Cumberland Bank & Trust Co.

Clintwood Facility, Clintwood

Byron R. Dickson, Architect



Project Engineer, Jerome D. Henschel, AIA • Mechanical Engineer, Lawrence E. Perry & Associates • Electrical Engineer, Lawrence E. Perry & Associates • Interior Design, Norma Hyder • General Contractor, Days Construction Co., Inc. • Photography, Byron R. Dickson, Architect.

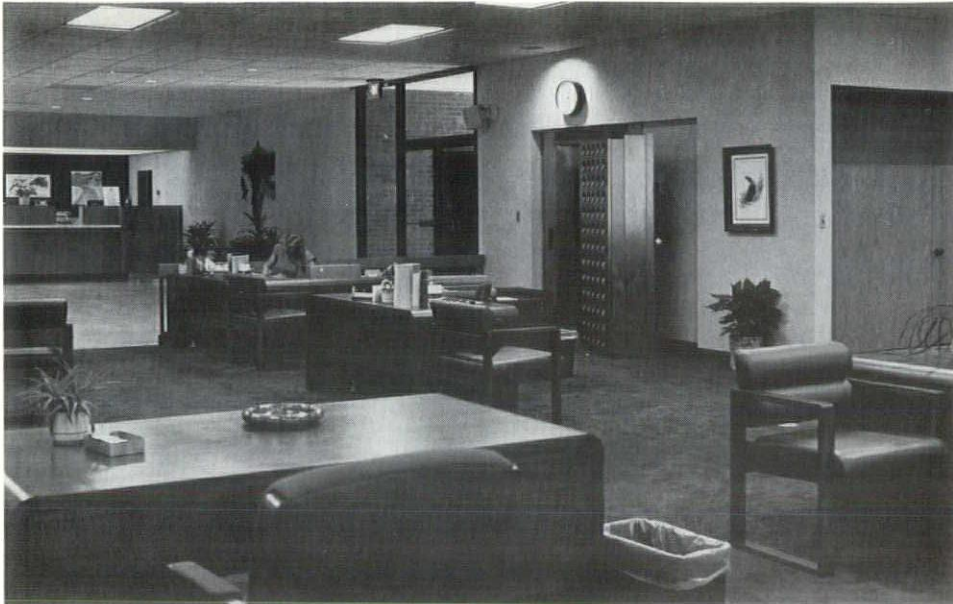
Located in the heart of Southwest Virginia's coal reserves, Cumberland Bank and Trust Company has just completed a new office in Clintwood. The recently constructed facility provides full service banking for Cumberland County, Virginia; parts of Kentucky and West Virginia.

This progressive banking organization is celebrating 60 years of service to the people in their marketing area. Originally founded as the Bank of Haysi in 1919 by Mr. R. L. Sutherland and relatives, growth has been steady over the years. Under the direction of Mr. Sutherland, a second office was opened in 1933 in Clintwood and later a third office was established in Grundy, which became the Main Office and Headquarters. In 1935 the name was changed to Cumberland Bank and Trust Company and after 35 additional years of continuous growth affiliation was established with Dominion Bankshares Corporation, a major banking group in Virginia. Today the Cumberland organization is the largest bank headquartered west of Roanoke, having offices in Grundy, Oakwood, Haysi, Harmon Junction, Royal City and now the new 17,300 square foot facility at Clintwood. A total employment of over 130 persons serves the bank's present needs.

The new Clintwood facility is two stories. The ground floor provides the customer service functions. On the second floor are bank support activities, employee lounge and board room.

Access to the main level is made from either the street side plaza or the rear parking area through entrance vestibules in the main banking lobby which is served by ten teller stations. Adjacent to the tellers' area is a cash room with employee toilet. Across and adjacent to the main lobby is the officers' platform. Opening onto the platform is the main vault with adjoining coupon booths; two private offices for local executives; and the real estate department. The



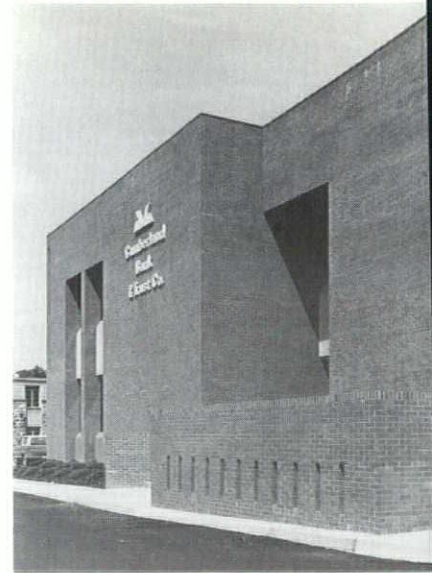


platform itself provides desk stations for ten persons. File space, including an enclosed room and two built-in groupings, is abundant. Also located on the main level is the mechanical room.

Access to the second level is by elevator or one of the two stairways provided adjacent to each entry vestibule. The bank support functions on this level include installment credit, item control, private offices, records vault and copy room. Employee facilities include a large lounge with kitchen and toilet rooms. A janitor's

closet and telephone equipment room are also provided.

The below grade structural system consists of concrete footings and masonry foundation walls. The vault enclosure is reinforced concrete. Brick and concrete masonry bearing walls with insulation filled cavity provide the structural support for the second floor and roof framing system. The ground floor is concrete slab on grade. The second floor is metal deck with concrete fill supported on steel joists. Roof framing is provided through the use of joist girders, pur-



lins, metal deck and rigid insulation. A built-up roof insures moisture protection.

Interior finish systems reflect the needs of each space activity. The floor in the public areas on the first or ground level is terrazzo. All other floor covering is carpet with traffic and utility areas having vinyl asbestos tile. Wall finish include brick, concrete masonry painted, dry wall on metal studs with both vinyl wall covering and painted surfaces. The ceiling is predominantly acoustic tile in a suspended metal grid system. Vault ceilings are painted concrete.

Site features include parking areas with handicapped provisions, circulation drives, plaza and open space development along the main road to the north and automobile banking facilities consisting of a canopy covered drive-up window and three remote units. An after-hours depot is located under the canopy.

The grand opening festivities for the new Clintwood facility took place on June 13, 1980.

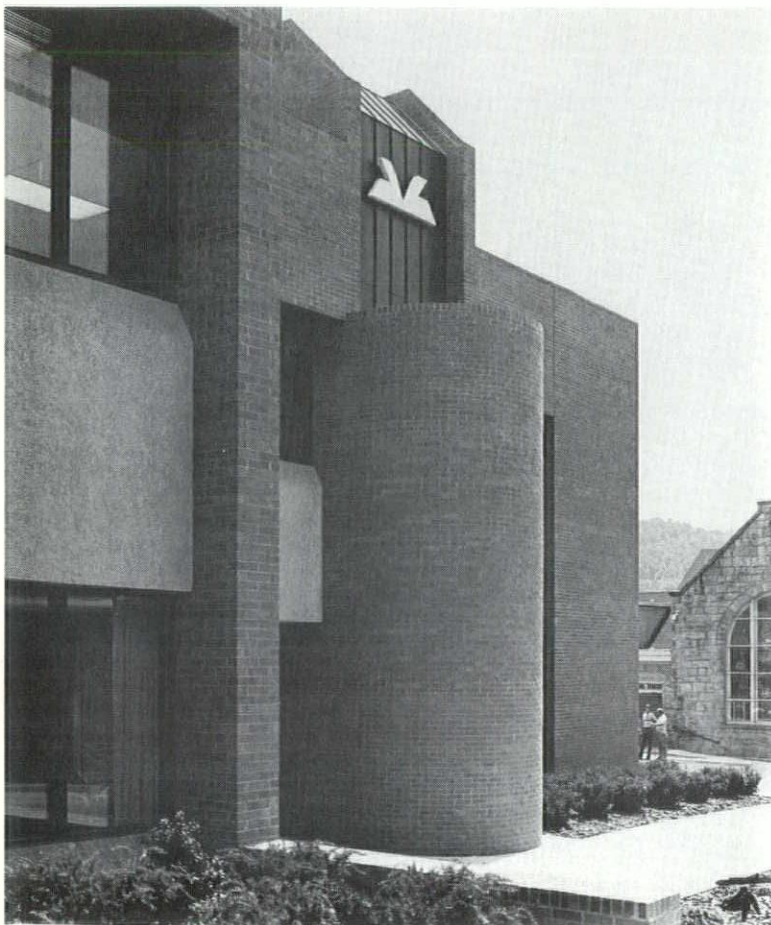
The project was delivered on time and ten percent under budget.

Days Construction Co., Inc. of Salem was general contractor and handled foundation, carpentry, waterproofing, caulking and wall and foundation insulation.

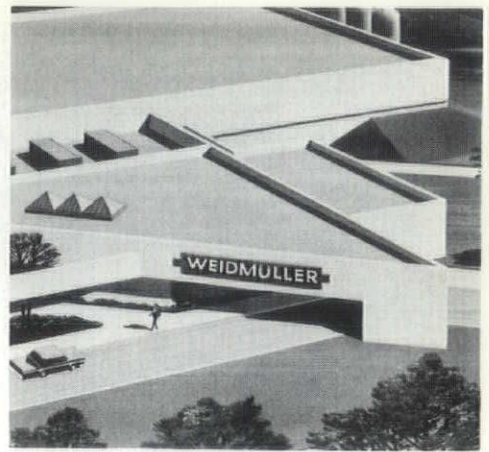
#### Subcontractors & Suppliers (Salem firms unless noted)

H&H Contractors, Clintwood, excavating; Jesse Paving Co., St. Paul, paving contractor; Valley Steel Corp., reinforcing; Thompson Masonry Contractor, Inc., masonry contractor; Bollinger Steel Co., steel supplier/roof deck & hand rail; John W. Hancock, Jr., Inc., steel joists; LaPrade Roofing & Sheet Metal Co., roofing; Central Glass Co. of Virginia, Inc., Bristol, glass, glazing contractor, window wall & storefront; and Skidmore Paint & Hardware, Inc., Roanoke, metal doors & frames, wood windows, hardware supplier & specialties.

A&H Contractors, Inc., Roanoke, gypsum board contractor; Joe Rainiero Tile Co., Inc., Bristol, terrazzo; C&B Painting, Pound, painting contractor; Ben M. Eubank—Wallcoverings, Roanoke, wall covering; Dover Elevator Co., Memphis, TN, elevators; Brinkley Plumbing, Heating & Electrical Contractor, Inc., Wytheville, plumbing/heating/ventilating/air conditioning contractor; Newcomb Electric Co., Inc., Roanoke, electrical equipment supplier & electrical contractor; and Fabricated Metals Industries, Inc., Roanoke, stairs.







# **Weidmuller Terminations, Inc.**

## **Headquarters/Plant, Chesterfield County**

### **Moseley-Hening Associates, Inc.—Architect**

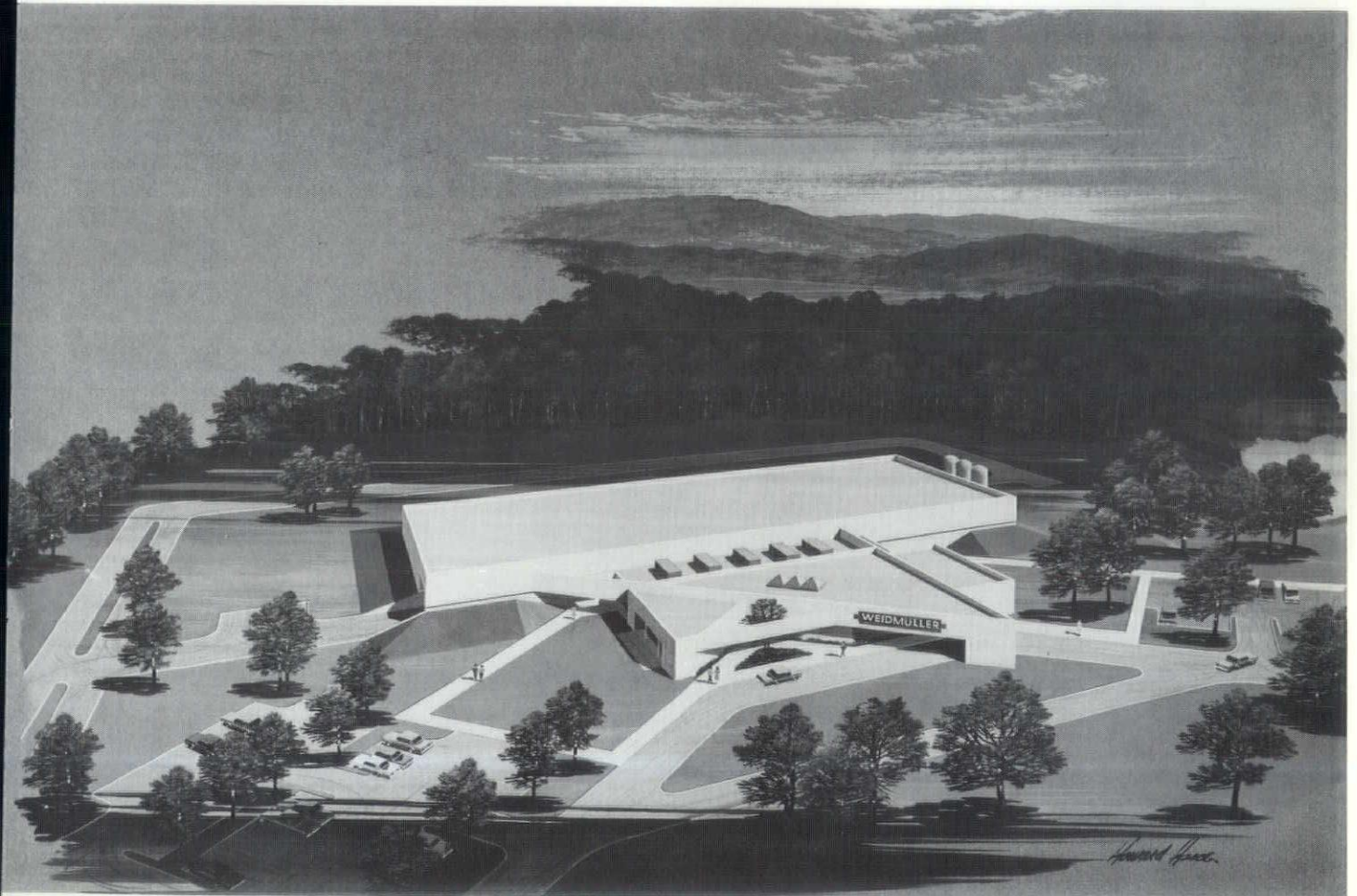
Executives at Weidmuller Terminations, Inc. are looking forward to occupying this fall what will become the company's new headquarters in the Western Hemisphere. The West German manufacturer of electrical terminals currently occupies limited space in buildings near Byrd International Airport, and the scheduled move

will place personnel in facilities designed to meet current space needs with the capability of expansion in the future.

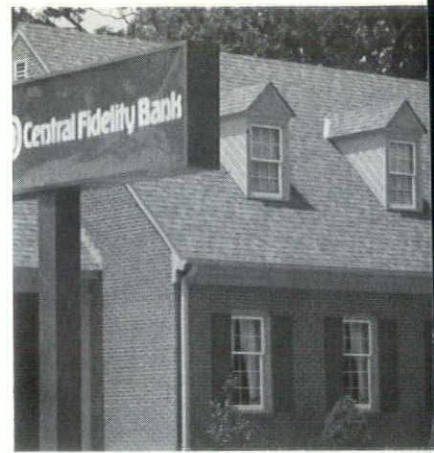
The first phase of the contemporary building will enclose an area of approximately 33,000 square feet. The plan is formed by the combination of triangular and rectangular spaces with

*(Continued on page 53)*

Mechanical Engineer, Southern Engineering Corp. •  
Electrical Engineer, Southern Engineering Corp. •  
Structural Engineer, Dunbar, Milby & Williams •  
Interior Design, Moseley-Hening Assocs., Inc. •  
General Contractors, J. H. Martin & Sons, Contractors, Inc. •  
Site Preparation and Heindl-Evans Inc. •  
Photography, Huffman Studio.








---

# Central Fidelity Bank

Amelia Courthouse

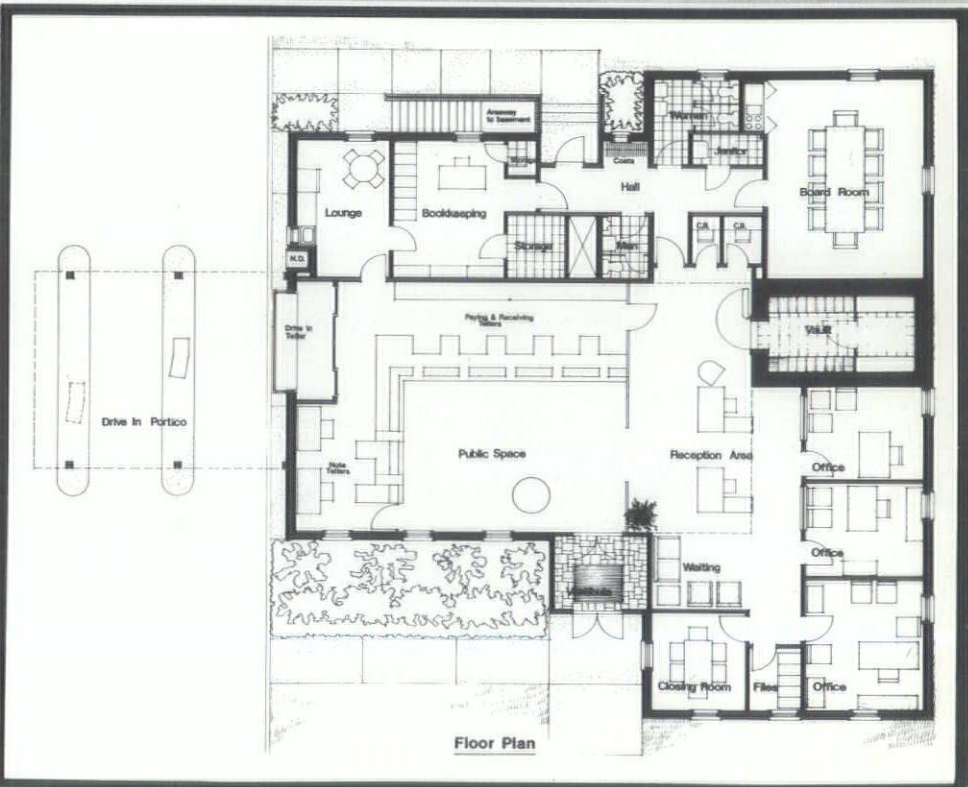
## Fraher and Harrison—Architects

---

Mechanical Engineer, CEK, Inc. • Electrical Engineer, CEK, Inc. • Structural Engineer, Dunbar, MI and Williams • Interior Design, Thalhimers Business Interiors • General Contractor, Kenbridge Construction Co., Inc.







Prior to moving to its new facility in July 1979, the Amelia Branch of Central Fidelity Bank was located in a 50 year old structure adjacent to Court Square in the village of Amelia. The older building had been expanded and modernized over the years but a growing clientele brought about the need for additional lobby space, offices, parking, and expanded drive-in facilities as possible on the existing site. Because of this, the bank acquired a parcel of undeveloped land across Court Square and retained Fraher and Harrison, Architects, of Richmond to design a new facility.

The program for the new bank called for a 10,000 square foot building which was to be traditional in design and in scale with the other buildings in the village surrounding the Court House. Drive-in facilities were to be provided for one direct teller window, one remote station, and space for another future remote unit.

Parking requirements were established in excess of minimum requirements in order to reduce congestion in the village area and to provide additional parking for community-related activities taking place in the bank's board room.

The general contractor for the building was Kenbridge Construction Company of Kenbridge.

#### Subcontractors & Suppliers (Richmond firms unless noted)

G. F. Vaughn, Amelia, excavating & paving contractor; Bowker & Roden, Inc., reinforcing supplier; Garrett, Moon and Pool, Inc., Blackstone, concrete supplier; Bruce & Holmes, Lawrenceville, masonry contractor; Brick & Tile Corp. of Lawrenceville, Lawrenceville, masonry manufacturer; Virginia Engineering Sales Co., steel supplier/joists; Hanover Fabricators, Ashland, wood trusses; Miller Manufacturing Co., S., millwork & wood doors; Commercial Caulking Co., caulking; W. O. Kennedy, Chase City, roofing; and Davenport Insulation, Inc., insulation.

Also, Pleasants Hardware, metal doors & frames & hardware supplier; M&W Millwork Manufacturers, Rocky Mount, window manufacturer; Mark Fasig, gypsum board contractor; E. Satterwhite, Inc., slate flooring; Manson & Hey, Inc., acoustical treatment & resilient tile; The Floor Show, Lynchburg, carpet; Chapman & Martin, Inc., Amelia, painting contractor & wall covering; M. A. Bruder & Sons, Inc., paint manufacturer; Roanoke Engineering Sales Co., Inc., specialties; Diebold, Inc., banking equipment; M&M Plumbing & Heating Co., Petersburg, plumbing/heating/ventilating/air conditioning contractor; G. E. Paine Electric Co., Inc., Mechanicsville, electrical contractor; and Key Fixture & Equipment, Inc., Lynchburg, teller casework.



## Fire Station No. 10

(From page 15)

Company, plumbing fixture supplier; Wood Plumbing Co., Inc., plumbing/heating/ventilating/air conditioning contractor; and A. M. Savedge Co., electrical contractor.

Virginia Beach firms were: Tri-C-Steel Corp., steel supplier/erection/joists/roof deck & miscellaneous metals; Tidewater Architectural Products, metal doors & frames and hardware supplier; and Bozarth & Lane, Inc., plaster contractor, gypsum board contractor, acoustical treatment & resilient tile.

And, from Hampton: Charlie Ulisse & Sons, Inc., paving contractor (concrete); Chisman Co., concrete supplier; Taylor Insulating Co., wall insulation; Hampton Sheet Metal Works, sheet metal; Southeaster Tile & Rug Co., Inc., carpet; and Taylor-Parker Co., Inc., steel lockers.

Others were: Hall-Hodges Co., Inc., Norfolk, reinforcing; Hammond Masonry Corp., Sandston, masonry contractor/supplier; PPG Industries, Inc., glass, glazing contractor, windows & storefront; E. Caligari & Son, Inc., Norfolk, painting contractor (Devco Paints); Door Engineering Corp., Norfolk, overhead doors; and Roanoke Engineering Sales Co., Inc., Roanoke, flagpole.

### Virginia Sprinkler Company, Inc.

Complete & Approved  
AUTOMATIC SPRINKLER  
SYSTEMS

Emergency Calls Accepted  
Serving Virginia  
Maryland & Washington, D.C.

Call 798-8385

P. O. BOX 986  
ASHLAND, VIRGINIA 23005

## Kilmer MH/MR Center

(From page 17)

nesdays in the morning. Appointments may be made by phoning 703/698-1600. Glenn Construction Co., Inc. of Rockville, Maryland was general contractor and handled masonry work.

### Subcontractors & Suppliers

Maryland firms were: B&M Welding Co., Gaithersburg, structural steel joists, deck & erection; Brunatti & Associates, Greenbelt, hollow metal doors/frames supplier; Fairland Excavation, Gaithersburg, earthwork; Gill Co., Inc., Beltsville, food service equipment; Hardware Center, Inc., Capitol Heights, finish hardware supplier; Lou D. Keller, Inc., Kensington, plumbing, HVAC & sprinkler contractor; Marva Construction Supply, Inc., Beltsville, concrete accessories supplier; Maryland Pools, Inc., Owings Mills, swimming pool; Pel-Bern Electric, Inc., Rockville, electrical and Rapp Contracting, Inc., Beltsville, site utilities.

From Virginia were: Area Landscaping, Fairfax, landscaping contractor; Dominion Applicators, Inc., Arlington, drywall, acoustical & plaster; Michael Gordon, Inc., Arlington, supplied louvers; Overhead Door Co. of Metropolitan Washington, Inc., Newington, Horton Auto-Slide Doors; Long's Fence Co., Inc., Fairfax, fence; Marty's Floor Covering Co., Inc., Alexandria, resilient floor & carpet; Richard I. Schoenfelder, Inc., Fairfax, gym equipment; The Shade Shop, Inc., Springfield, venetian blinds; and Trowbridge Steel Co., Inc., Leesburg, reinforcing steel supplier.

Also, Lifetime Pools, Inc., Washington, DC, swimming pool.

### MARUMSCO Plumbing & Heating

Commercial — Industrial  
Residential  
Specializing in  
Repairs, New Work & Remodeling  
Phone 361-6146  
9607 Center Street  
Manassas, Virginia

### The CARPET SHOP of Lynchburg, Inc.

Featuring one of the Largest Selections of Carpets in the Lynchburg Area

Across from Fort Hill Village Shopping Center      Phones  
5900 Fort Avenue      LYNCHBURG, VIRGINIA 24502      239-6944 also 239-7117

## H.T. BOWLING, INC.

Contractor

ST. REG. #9500

Commercial  
Industrial



Highway  
Public Utilities

EXCAVATING — GRADING — LANDSCAPING — STORM DRAINS  
Phone 703-639-9621      Route #2, Radford, Va. 24141

## Army Facility (From Page 44)

using outside personnel rather than US Guards-men, the surface material was carefully considered. The architect concluded that solvent-based waterproof coating on a tight-faced concrete block, over-coated with suitable weather coat was the most appropriate selection. As 75 percent of the building is heated only, a dark color was selected to favor heat gain in winter.

The structure is wall-bearing steel joist type with metal deck and built-up roof (special residence inspection by the architect during roofing was used to insure use of proper techniques and kettle temperatures). The hangar roof is prefinished aluminum ribbed sheet, applied with slip connections over blanket insulation.

The mechanical system supplies heat from central oil-fired boiler and cooling from rooftop multi-zone units. A battery of three air compressors provides tool and spray gun operating capacity.

Nine grounded tie-down pads for aircraft are located on the air field side of the building together with one wash pad. Dimmable house lights provide a lead-in pattern from the main air field taxiway for night flights.

Kora & Williams Corp. of Rockville, MD was general contractor and handled sodding, seeding, etc., concrete work, carpentry, caulking wall & foundation insulation, gypsum board, ceramic tile, acoustical treatment and resilient tile.

### Subcontractors & Suppliers

F. E. Gregory & Sons, Inc., Gaithersburg, MD, excavating; Newton Asphalt Co., Inc. of Virginia, Alexandria, paving contractor; Trowbridge Steel Co., Inc., Sterling, reinforcing; Virginia Concrete Co., Inc., Springfield, concrete supplier; Free State Masonry, Inc., Hagerstown, MD, masonry contractor; Richmond Block, Inc., Richmond, masonry supplier; Southern Iron Works, Inc., Springfield, steel erection/joists/roof deck; American Iron Works, Inc., Blandensburg, MD, miscellaneous metal; and Warren-Ehret-Linck Co., Rockville, MD, built-up roof insulation and sheet metal.

Also, Washington Plate Glass Co., Inc., Washington, DC, glazing contractor; Superior Fireproof Door Co., Inc., Scarsdale, NY, metal doors & frames; Hope's Windows, Inc., Silver Spring, MD, windows; Atlantic Builders Hardware Corp., Washington, DC, hardware supplier; Shield, Inc., Blandensburg, MD, painting contractor; Shor Building Products, Silver Spring, MD, specialties; Stahl Metal Products, Cleveland, OH, equipment; Dickson & Co., Fairfax, plumbing/heating air conditioning contractor; Almart Electric Construction, Alexandria, electrical contractor; Fleming Steel Co., Newcastle, PA, special doors; Munck Systems, Hampton, bridge crane; Bette Termite & Pest Control Co., Inc., Alexandria, soil poisoning; and Ambric Testing & Engineering Associates of Va. Inc., soil & concrete testing.

## HANCOCK-FUQUA INC.

General  
Contractor

St. Reg. #3

Phone 528-0300

LYNCHBURG, VIRGINIA





## Buchanan Elementary School (From page 43)

et, SFCS was asked to accelerate the design process as much as possible. Design was completed in three months with final approvals being received in October.

Several factors were taken into consideration in developing the new Buchanan Elementary School addition. Perhaps the most critical concern of the school board was the overloading of the lunchroom area which had been used as a playroom for the students. The area could handle serving the student lunches in several shifts. However, the additional time required for lunch would interfere with the scheduling of physical fitness activities. In view of this problem, SFCS's new addition included another playroom with provisions for volleyball and basketball, as well as other recreational activities. The location of the new playroom at the end of the addition makes it accessible to the general public for after-hour use without threatening the security of classrooms or office areas.

The actual tie-in of the new addition occurs at the media center, thus allowing expansion of the center for the added pupil load. Other areas included in the addition are ten classrooms, two remedial learning centers, and supplemental toilet and work areas.

The exterior of this addition is an extension of the existing building with the roof overhangs acting as protective covers for walkways. The play area, attached at the west end of the addition, is similar in character to the remainder of the building, but larger in scale. This creates a pleasing termination for the long, low lines of the classroom areas and maintains the scale necessary to balance the raised areas enclosing the existing multi-purpose room.

Interior spaces are brightly painted with complementary primary colors and are sub-divided by demountable partitions. All class areas are fully carpeted, creating a comfortable and quiet environment. The play area and the audio/visual areas are defined and made more pleasant with the use of super-graphics. In play area a simple roof deck was used with ramps painted to match the lively super-graphics. This helped to provide a totally coordinated interior scheme as well as an inexpensive solution to enclosing the space.

## Heidmuller Determinations

(From page 49)

well-defined areas for the sales/marketing staff and executive officers in the administrative area. A service core ties this area to the assembly/storage space and serves as a buffer between the two.

Location of the Phase One building on the twenty-acre site allows for maximum utilization in future expansion phases. When ultimate development is completed, full manufacturing capability will be in operation and the new headquarters will exceed 100,000 square feet in area.

The property fronts on Southlake Boulevard which is the main feeder road from U.S. Route 60 serving the Southport Office/Industrial Park. The building is oriented so that the triangular-shaped administrative area projects across the drive. This reflects the vehicular circulation patterns and serves to direct visitors toward the main entrance. To the south, the property borders a five and one-half acre lake.

Earth berms are used on the assembly/storage portion of the building to provide an element of energy-conservation while at the same time serving to scale down the transition from two (2) stories to one (1) at the administrative area. Other energy-conserving design elements are recessed, insulated windows, deep overhangs for shading, and increased insulation.

J. H. Martin & Sons, Contractors, Inc. of Richmond, contractor for site preparation, handled excavating.

Heindl-Evans, Inc. of Mechanicsville was general contractor and handled foundation and foundation drainage system, concrete work, carpentry and foundation insulation.

The mechanical systems were designed to provide optimum comfort through the use of energy efficient equipment. The addition, as well as the original building, is fully air conditioned through the use of electric heat pump, roof top units. The economy of operation of this system is enhanced by the extensive use of insulation to obtain optimum "U-factors." Further energy conservation is obtained through the use of night-setback and economizer controls.

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

### Subcontractors & Suppliers (Roanoke firms unless noted)

Joe Bandy & Son, Inc., excavating; Land Design Associates, landscaping contractor; Valley Steel Corp., Salem, reinforcing; Coffey Concrete Mix Co., Buchanan, concrete supplier; C&R Masonry Contractors, Lynchburg, masonry contractor; Webster Brick Co., Inc., masonry supplier; Structural Steel Co., Inc., steel supplier/erection/joists/roof deck & miscellaneous metal; South Roanoke Lumber Co., carpentry & wood doors; E. S. Chappell & Son, Inc., Richmond, caulking; and Consumers/Dornin-Adams, Inc., Lynchburg, built-up roof, roof insulation & sheet metal.

Also, Pritchard Paint & Glass Co., Durham, NC, glazing contractor; Augusta Steel Corp., Verona, metal doors & frames & hardware supplier; A&H Contractors, Inc., plaster contractor; Standard Tile Co., Inc., Verona, ceramic tile; O'Ferrall, Inc., Richmond, acoustical treatment & resilient tile; The Floor Show, Inc., Lynchburg, carpet; L. R. Brown, Sr. Paint Co., painting contractor (Devoe Paints); M. L. Jones, Bedford, special wall finish; Roanoke Engineering Sales Co., Inc., specialties; Schalow Mfg. Co., Inc., Richmond, specialties; J. H. Pence Co., Roanoke, equipment; Hajoca, plumbing fixture supplier; Air-O-Matic, Inc., plumbing/heating/ventilating/air conditioning contractor; Wesco, electrical equipment supplier; and Hensley Electric, Inc., electrical contractor.

### Subcontractors & Suppliers (Richmond firms unless noted)

Richmond Termite Co., soil treatment for termite control; Watkins Nurseries, Inc., Midlothian, sodding, seeding, etc., landscaping & landscaping contractor; Lee Hy Paving Corp., paving contractor; Bowker & Roden, Inc., reinforcing; Massey Concrete Corp., concrete supplier; Capital Masonry Corp., masonry contractor/supplier; Riverton Corp., mortar; Andrews-Joyner Iron Works, Petersburg, steel supplier/erection/joists/roof deck & miscellaneous metal; J. B. Eurell Co., lightweight insulating concrete roof deck, built-up roof & roof acc's., roof insulation, sheet metal & flashing; Weaver Brothers, Inc., Newport News, millwork, cabinets & wood doors; and PPG Industries, Inc., glass, glazing contractor, windows, window wall & storefront.

Others were: Roanoke Engineering Sales Co., Inc., metal doors & frames, toilet accessories &

firefighting devices; Pleasants Hardware, hardware supplier; Overhead Door Co. of Richmond, sectional overhead doors; John H. Hampshire, Inc., gypsum board contractor, lathing & metal support, acoustical treatment & resilient tile; Leo H. Bourne Tile & Marble Contractor, Quinton, ceramic tile; DMA & Associates, Inc., Midlothian, carpet; M. P. Barden & Sons, Inc., painting contractor/supplier (Glidden Paint) & wall covering; Wes-Way Sprinkler Co., Inc., Mechanicsville, sprinkler contractor; Catlett-Johnson Corp., plumbing fixture & exterior building storm drainage supplier, plumbing/heating/ventilating/air conditioning contractor; American E Electric, Inc., Midlothian, lighting fixtures/electrical equipment supplier & electrical contractor.

Specialties & Equipment—James G. Thayer, metal toilet partitions; Sign Graphics, Inc., specialty signs; Custom Kitchens, Inc., residential kitchen equipment; and Handling Systems, Inc., dock bumpers.

## GARRETT, MOON & POOL, INC.

General Contractors Member: Virginia Road Builders Association

Phone 292-7718

Blackstone, Virginia

## WATERFRONT LUMBER CO., INC.

Millwork & Building Materials

Our Mill S.P.I.B.—Grade Mark 036

1200 Jefferson Ave.

NEWPORT NEWS, VIRGINIA

Phone 245-0091



## Gregory Construction Co., Inc.

GENERAL CONTRACTOR

COMMERCIAL — INDUSTRIAL

9410 Prince William St., Manassas, Va. 22110

Phone 368-8181



## Autumn is Apple Time

• Autumn and apples — gilded leaves crunching underfoot and the aroma of apples simmering on a stove, the two go hand in hand. Consumers can get a hand in the apple harvest by visiting Virginia's 35 pick-your-own apple orchards for apples at the peak of flavor and fall foliage at the peak of beauty.

Directories listing the participating orchards in the areas of Amherst-Nelson Counties, Roanoke and Northern Virginia are now available from the Virginia Department of Agriculture and Consumer Services. Free copies may be obtained by writing: APPLES, VDACS-Division of Markets, 203 N. Governor Street, Richmond, VA 23219 or by calling (804) 786-3951.

Maybe you missed some of your favorite pick-your-own crops because the summer heat wave kept you inside with the air conditioning. However, the sunny weather has produced apples with a distinctive sweetness and excellent size and quality. So, with cooler weather around the corner, now is the time to plan your "apple outing."

The orchards are offering both pick-your-own and fresh-picked apples in such popular varieties as Red and Golden Delicious, Winesap, York, Rome and Stayman. But there are other

attractions, too, such as apple cider and apple butter-making demonstrations and local apple harvest festivals. At some orchards, you can picnic as well as pick, while you enjoy the lovely fall scenery. Look for these individual orchard features in the pick-your-own directory listings when you are checking harvest dates.

When you bring your bounty of apples home from the orchard, refrigerate or store them in a cool place as soon as possible. Then refer to another handy VDACS publication, "How to Enjoy Virginia Apples in the Old Dominion Tradition," available free from the above address. It contains helpful tips on apple varieties and uses, basic preparation and kitchen-tested recipes. If you didn't get a chance to put up any other produce this summer, it's not too late to can or freeze some apples, and this brochure tells you how to do it. In thinking of what else to do with that bushel, remember that apples are a naturally sweet and economical snack food which can be enjoyed without additives. That's a definite advantage over those snacks which require lots of added sugar, especially with today's escalating sugar prices.

No matter how you enjoy them, when you pick Virginia apples, you pick the best.

## NVBA Reaffirms Safety Commitment

• Recent news reports concerning federal vs. state jurisdiction over construction safety regulatory functions, and the building industry's attitude toward worker safety, has representatives of the Northern Virginia building industry to reaffirm their commitment to safe working conditions.

"Our work force is the most valued and integral resource of our industry," said Cecil Boyer, Jr., Northern Virginia Builders Association President. Stressing the industry's record position on safety, Boyer stated "we not only support, we voluntarily comply with measures which safeguard the health and safety of our work force. Any member of the Association who willfully and knowingly disregards potential serious hazards and is convicted of the same will be suspended from the Northern Virginia Builders Association," Boyer said. "Anything less than compliance with reasonable safety measures is not tolerated by the builders association."

A decision on whether state or federal authorities ultimately gain jurisdictional regulatory control under the Occupational Safety and Health Act (OSHA) is an issue out of the hands of the building industry, Boyer said. "We sincerely hope that a resolution is reached so clearly placing the ultimate responsibility upon one agency or the other." The industry is more concerned with the need for a review and overhaul of the Act's standards which would establish categories to deal with violations according to their severity. "There is a vast difference," Boyer said, "between inadequately short trenches and whether or not a first aid kit contains the required number of band-aids. Explosive job shutdowns should be initiated only where clearly identified and potentially serious violations occur which could result in death or serious injury to workers."

Boyer pointed out that the Northern Virginia Builders Association supports Fairfax County intervening action where trained inspectors are able to identify potential safety hazards that are serious in nature. "In this manner," Boyer said, "the job supervisor can be alerted and corrective action taken. This is particularly important during this interim period while the state and federal authorities are deliberating over which agency shall have regulatory jurisdiction in Virginia. Through the action of trained inspectors, we can only improve on our safety record," Boyer said.

## AUGUSTA STEEL CORPORATION

Hollow Metal Doors & Frames — Rolling Steel Service Doors  
Metal Toilet Partitions — Miscellaneous Specialty Items — Finish Hardware  
COMMERCIAL — INDUSTRIAL

Contact: A. R. (Pete) Gieson — Raymond Shaner — Al White, AHC  
P.O. Box 980, Verona, Virginia Phone 703-248-2301

## HANOVER FABRICATORS

Structural Wood Trusses

COMMERCIAL—INDUSTRIAL

102 S. Leadbetter Road  
Route 2, Box 461

Phone 804-798-6063  
Ashland, Va.

## BOXLEY QUARRIES

CRUSHED LIMESTONE and CRUSHED GRANITE for  
ROAD BUILDING • CONCRETE • RAILROAD BALLAST • FURNACE FLUX  
FILTER STONE • AGSTONE • LIMESTONE SAND



W. W. BOXLEY & COMPANY

Phone 703/344-6601  
711 Boxley Building  
ROANOKE, VIRGINIA 24010  
Seven Plants Located on N. & W., S.C.L.

## Correction

Key Fixture & Equipment, Inc., of Lynchburg, furnished Food Service Equipment for the Richard C. Haydon Elementary School, Manassas. This credit was inadvertently omitted in coverage of the project in our April 1980 issue. Our Apologies.



## Colonial Regiments to March for George Washington's Review at Gadsby's Tavern in Alexandria

Colonial uniformed regiments will fire six-  
shot volleys to salute their Commander-in-Chief  
during the reenactment of George Washington's  
military review of the troops. The reenact-  
ment of the 1798 review will be staged in front of  
Gadsby's Tavern Museum, 134 North Royal St. in  
Alexandria on Saturday, November 1 at 11 a.m.

Local citizens dressed as George Washington  
and his military aide Tobias Lear will stand on  
the Tavern steps where they will watch re-  
enacted Revolutionary units perform drills and  
wave banners to the music of fifes and drums.  
Gadsby's Tavern Museum will be open from  
10 a.m. to 5 p.m. with half-price admission (50  
cents) for adults and free admission for child-  
ren. Cider and cookies will be sold by Colonial  
costumed docents at the Tavern from 9 to 11:30  
a.m.

The annual reenactment commemorates  
Washington's review of Alexandria's Independ-  
ent Blues and a cavalry unit in early November  
1798. War with France was imminent, and the  
recently retired First President offered his ser-  
vices to the nation. Enroute from Mt. Vernon to  
Philadelphia, he stopped briefly at Gadsby's  
Tavern in Alexandria to review military troops  
he had done in 1774 at the beginning of the  
Revolutionary War. The war with France never  
materialized, and Washington died at Mt. Ver-  
non 13 months later in December 1799.

Gadsby's Tavern, the site of the historic re-  
enactment, once provided lodging and meals for  
stagecoach passengers and travelers. It was a  
frequent meeting place for Thomas Jefferson,



*Revolutionary units fire muskets during Wash-  
ington's Review of the Troops in front of Gads-  
by's Tavern in Alexandria on Nov. 1, 1980.*

George Mason, the Marquis de LaFayette and  
other Colonial patriots. It has been restored as a  
working tavern serving Colonial style food and  
a museum furnished as an 18th century tavern.

The reenactment will be cancelled if it rains.  
For more about events, lodging, restaurants and  
other tourist information, write or phone the  
Alexandria Tourist Council, 221 King St., Alexan-  
dria, VA 22314; (703) 549-0205.

## Bennett P. McRackan, Jr. Joins Meidinger

Bennett P. McRackan, Jr. has joined Meidin-  
ger, Inc.'s Human Resource Systems Group as a  
project manager and senior consultant. Meidin-  
ger, Inc., is one of the nation's largest compen-  
sation, benefit, and actuarial consulting firms.

McRackan, previously a hospital adminis-  
trator for Hospital Corporation of America (HCA),  
received an undergraduate degree in Labor

Economics from Newberg College, and a Mas-  
ters in Hospital Administration from Xavier  
University.

McRackan will be located in Meidinger's  
Richmond office.

Meidinger, Inc., headquartered in Louisville,  
has offices in 18 major U.S. cities and foreign  
affiliates in the United Kingdom, Belgium, and  
Germany.

## McClure Lumber & Builders Supply Co., Inc.

For Ready Mix Concrete Call Us

LEBANON - GRUNDY - RICHLANDS - TAZEWEEL  
McCLURE & CLINTWOOD, VA.

## JAMES STEEL FABRICATORS

CONSTRUCTION STEEL  
COMMERCIAL—INDUSTRIAL

238 Telegraph Road

Phone 703-960-3300

ALEXANDRIA, VIRGINIA

## Moving?

Please . . .

To assist our subscription depart-  
ment in handling your change of  
address . . . include your OLD  
ADDRESS AND ZIP CODE  
when sending your change.

\*\*\*

OLD ADDRESS  
(Use Label if available)

Name

Firm Name if Applicable

Street Address

City & State

Zip

\*\*\*

NEW ADDRESS

Name

Firm Name if Applicable

Street Address

City & State

Zip

Thank You!

VIRGINIA RECORD  
MAGAZINE  
P.O. Drawer 2-Y  
Richmond, Va. 23205



# VIRGINIA INDUSTRIAL DEVELOPMENT NEWS

## Atlantic Research Plans Major Expansion At Gainesville Plant

• Mr. W. G. Hamm, Vice President of Atlantic Research Corporation and General Manager of the Company's Propulsion Division, and Mrs. Kathleen Seefeldt, Chairman of the Prince William County Board of Supervisors, announced plans for a significant expansion of Atlantic Research Corporation's Pine Ridge Plant at Gainesville. The Pine Ridge Plant is the headquarters of the Propulsion Division, and is the division's principal engineering, development and manufacturing facility for solid propellant rocket motors. Also located at the Gainesville site is the propulsion-related portion of the company's Research and Technology Division.

The planned expansion program includes approximately \$1,700,000 for a new engineering and office building on a seven acre site immediately adjacent to the present plant on Wellington Road. Approximately \$2,300,000 will be spent on new and replacement machinery and equipment in the existing plant, to support new production and development programs. The Prince William County Economic Development Department and the Virginia Division of Industrial Development worked with the company in development of the expansion plan and the financing is planned to be in the form of revenue bonds under the authority of the Prince William Industrial Development Authority. Architectural and site planning work will be performed by R. B. Thomas, Ltd. of Manassas.

Atlantic Research solid propellant motors and gas generators are used on many of the country's significant missile systems, including Trident, Minuteman, MX, Standard Missile, Viper, Stinger, and Tomahawk. It was recently announced that ARC had been selected by the Vought Corporation for final development and production of the rocket motor for the Multiple Launch Rocket System, which has the potential of becoming the Company's largest program. The highly diversified corporation is also engaged in the manufacture of data communications equipment, electronic systems engineering, and is engaged in research for alternate energy sources.

In a recent release announcing second quarter earnings, Atlantic Research reported that for the six months ended June 30 the Corporation's results were 29% higher than the prior year. New business bookings of \$56,000,000 through June 30 have raised the Company's funded backlog to \$67,000,000 compared to \$42,000,000

at the beginning of the year which includes initial funding related to the MLRS Program.

Atlantic Research is a publicly held corporation registered with the National Association of Securities Dealers (NASDAQ) on the over-the-counter market. The Company's corporate headquarters are located in Alexandria.

## Hon Company Adds to Richmond Plant

• The Hon Company, manufacturer of office furniture, has announced the opening of a new warehouse addition to its Richmond, plant according to Harry Matthews, Vice President and Richmond General Manager and the Virginia Division of Industrial Development. The 68,000 square foot addition has 50% more space than the off-plant leased facility it replaces.

If the new warehouse were filled to capacity with Hon's best selling vertical files and you laid them end to end, they would stretch almost seven miles and be worth more than a million dollars at retail prices, said Matthews. In addition to miles of files, the warehouse will store desks, chairs and other office furniture products made at Richmond and at other Hon plants. The new warehouse will serve as the distribution center for Hon dealers and their customers in the large Northeastern markets where Hon enjoys a high volume of business.

The Hon Company is a division of Hon Industries, Muscatine, Iowa, the parent company of six operating companies serving the office furniture and materials handling markets.

The Chesterfield Department of Economic Development was instrumental in giving assistance to the Hon Company.

## French Company Chooses Hampton Location

• Valeo Auto Industries, Inc. of Delaware will open a manufacturing plant in Hampton, according to the Virginia Division of Industrial Development. The company will produce automobile parts at its Virginia location. Valeo Auto Industries, Inc.'s American Parent Company is Valeo Inc. It is a part of the Valeo Group of France, formerly known as the *Societe Anonyme Francaise du Ferodo*.

The new Virginia plant will share space with Soma of America, Inc., a French plant which located in Hampton in 1975 and is also a member

of the Valeo group. It is a manufacture transmission components.

Production at the new Valeo plant was expected to be underway in September of year.

## Italian Machinery Company Builds Office/Warehouse In Chesterfield

• G. D. Package Machinery, Inc. will build new office and workshop in the South Development of Chesterfield County, according to the Virginia Division of Industrial Development. The company is the North and South American headquarters of the parent company in Bologna, Italy, which manufactures packing equipment for cigarette factories and high speed machinery for the confectionery industry.

At its Chesterfield location, the company provides technical and consultation services plus spare parts for machines. The new 13,000 square foot building will be constructed approximately two acres of land on South Boulevard. Another 7½ acres are available for future development. The company is now leasing a building in the Richmond area.

Employment at the new office facility is expected to increase by 30 percent. The Chesterfield Department of Economic Development was instrumental in locating the company in county.



**J. T. ELEY, JR.**

*Masonry Contractor*

Phone (804) 393-4019

1811 County St.

PORTSMOUTH, VA. 23704

## Baird Drywall & Acoustic, Inc.

COMMERCIAL—INDUSTRIAL—INSTITUTIONAL

St. Reg. #19461

Phone 703/563-1306

2501 Williamson Rd., Suite 11

Roanoke, Va. 24012

*Bonded Contractor*

**LIPHART STEEL CO.**  
Incorporated

•DESIGNERS  
•FABRICATORS  
•ERECTORS

STRUCTURAL STEEL—ORNAMENTAL IRON

OFFICE AND PLANT

3308 Rosedale Ave.  
Richmond, Va. 23230

PHONE

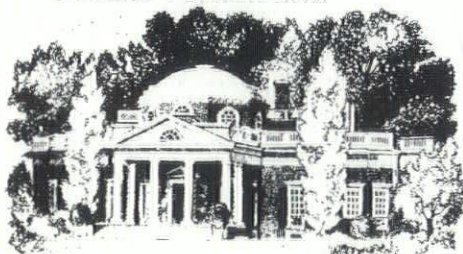
(804)355-7481





# Virginia invites you to visit the most beautiful homes in America's history.

An inside look at the homes where America grew up is just part of the excitement as Virginia welcomes fall with open arms and doors and garden gates. And presidential masterpieces like Mount Vernon and



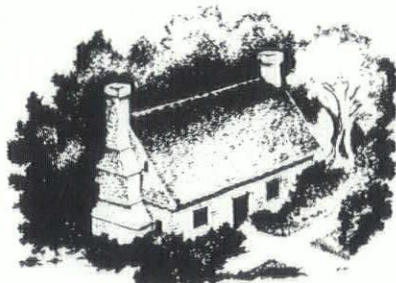
Monticello are just the beginning.

You can explore America's great indoors along the James, too, as it flows back to the golden age of the plantation in room after room filled with antiques and memories. At Shirley, home of



the Hill-Carter family for nine generations. At Carter's Grove, "the most beautiful house in America." At Berkeley, where Thanksgiving began in 1619.

You can visit the oldest brick house in English America—Adam Thoroughgood built it near Norfolk 350 years



ago. Or you can go north along the Potomac to Stratford Hall, home of the Lees', and on to George Mason's Gunston Hall. But wherever you go, from Patrick

Henry's Red Hill to the Fredericksburg home of Washington's only sister, give yourself time.



Time for winding garden paths, mountains blazing with crimson and gold, and beaches still warm with the last of summer. Time for roadside shops, lush green eighteens, and feasts of ham and peanut soup. Time to savor whatever you love.

Because, from Jamestown to Yorktown to Appomattox, whatever you love is here. And wherever you are, you're at home.

For free brochures on  
great close-to-home vacations,  
visit, write or call

**VIRGINIA STATE TRAVEL SERVICE:**

9th & Grace Streets,  
Richmond 23219, phone (804) 786-4484.

Name

Address

City

State/Zip

**Virginia is for lovers.**



# Index to Advertisers

—A—	
A & H Contractors, Inc. ....	6
Able Equipment Co., Inc. ....	32
Acorn Construction Co. Ltd. ....	59
Al-Steel Fabricators, Inc. ....	35
American Mechanical, Inc. ....	32
American Window Products, Inc. ....	38
Andrews & Parrish Co. ....	35
Augusta Steel Corp. ....	54
—B—	
Baird Drywall & Acoustic, Inc. ....	56
Bass Construction Co., Inc. ....	27
Baughan Construction Co., Inc. ....	26
Binning's Building Products ....	22
W. W. Boxley & Co. ....	54
Brick & Tile Corp. of Lawrenceville ....	38
H. T. Bowling, Inc. ....	52
Buckingham-Virginia Slate Corp. ....	60
William T. Buckner Jr. Co. ....	10
—C—	
C & P Air Conditioning Co., Inc. ....	59
The Walter E. Campbell Co., Inc. ....	18
The Carpet Shop of Lynchburg, Inc. ....	52
Chantilly Construction Corp. ....	2
Cochran Construction Co. ....	18
Communications, Inc. ....	59
Concrete Repair Specialists ....	4
P. C. Cooper Construction Co. ....	4
Costen Floors, Inc. ....	27
S. B. Cox, Inc. ....	3
Creative Urethanes ....	10
Cushing Manufacturing & Equipment Co. ....	38
Custom Mailers & Consultants, Inc. ....	8
—D—	
Daniels & Ingram Masonry Contractors ....	58
Danville Electric Co., Inc. ....	38
Dover Elevator Co. ....	12
R. L. Dresser, Inc. ....	58
—E—	
J. T. Eley, Jr. ....	56
J. B. Eurell Co. ....	59
—F—	
Bill Fabry Reproduction & Supply Corp. ....	27
First National Bank of Clifton Forge ...	38
Franklin Memorial Hospital ....	32
Froehling & Robertson, Inc. ....	4
—G—	
Galax Plumbing & Heating Co., Inc. ....	42
Garrett, Moon & Pool, Inc. ....	53
B. R. Gery Tile & Marble Co. ....	38
Glen Construction Co., Inc. ....	59
Glidewell Bros., Inc. ....	6
Good's Transfer Co., Inc. ....	26
Gray Lumber Co. ....	27
Gregory Construction Co., Inc. ....	53
E. T. Gresham Co., Inc. ....	12
Griffin Pipe Products, Co. ....	8
—H—	
Hall-Hodges Co., Inc. ....	6
Hamilton's Floor Fashions & Tile, Inc. ....	22
Hancock-Fuqua, Inc. ....	52
Hanover Fabricators ....	54
Hanover International Construction Corp. ....	2
Thomas Harris & Co., Inc. ....	22
Herndon Lumber & Millwork, Inc. ....	8
Home Equipment Co., Inc. ....	12
The George Hyman Construction Co. ....	18
—J—	
J & W Landscaping, Inc. ....	27
J. E. Jamerson & Sons, Inc. ....	4
James Steel Fabricators ....	55
—K—	
Kenbridge Construction Co. ....	4

—L—	
L & H Co. of Montross, Inc. ....	
Don Largent Roofing Co., Inc. ....	
Leadbetter Construction Co. ....	
Lee Hy Paving ....	
R. E. Lee Electric Co., Inc. ....	
R. E. Lee & Son, Inc. ....	
Liphart Steel Co., Inc. ....	
—M—	
M E M Interiors, Inc. ....	
Marumsco Plumbing & Heating ....	
Massaponax Concrete Corp. ....	
McClure Lumber & Building Supply Co., Inc. ....	
Medical Center Hospitals ....	
Mega Contractors, Inc. ....	
Mountcastle Lumber Co., Inc. ....	
—N—	
Nationwide Homes ....	
Natkin Service Co., Inc. ....	
W. Wallace Neale Co. ....	
—O—	
Owen Plumbing & Heating, Inc. ....	
Oliva & Lazzuri, Inc. ....	
—P—	
Payne Construction Co., Inc. ....	
Petroleum Marketers, Inc. ....	
Piedmont Electric Supply Corp. ....	
Pleasants Hardware ....	
—R—	
David A. Reed & Sons, Inc. ....	
Rockydale Quarries Corp. ....	
—S—	
W. M. Saunders Construction Co. ....	
A. M. Savedge Co. ....	
R. F. Scott ....	
Seaboard Paint & Supply Co. ....	
Smith & Keene Electric Service ....	
Leonard Smith Sheet Metal & Roofing, Inc. ....	
Southern Waterproofing & Concrete Co., Inc. ....	
—T—	
T M S Millwork ....	
Taylor Bros., Inc. ....	
—U—	
United Sprinkler Co., Inc. ....	
—V—	
Virginia Auto Glass Co. ....	
Virginia Employment Commission ...	
Virginia Sprinkler Co., Inc. ....	
—W—	
Walthall Construction Corp. ....	
Waterfront Lumber Co., Inc. ....	
Wes-Way Sprinkler Co., Inc. ....	
Wilson's Building Service, Inc. ....	
J. B. Wine & Son, Inc. ....	
Wood Roofs, Inc. ....	
Woodbridge Glass Co. ....	
Worsham Sprinkler Co., Inc. ....	

## Daniels & Ingram Masonry Contractors

*Quality Masonry and Materials*

RESIDENTIAL — COMMERCIAL — INDUSTRIAL

312 W. Westover Ave.

Colonial Heights, Virginia

Phone 526-1045

## R. L. DRESSER, INC.

*Flooring Contractor*

FRANCHISED DEALER FOR  
ROBBINS FLOORING COMPANY



COMMERCIAL  
INDUSTRIAL

ACOUSTICAL TILE — RESILIENT TILE

Telephone (919) 876-4141

4100 Winton Road

RALEIGH, NORTH CAROLINA 27609

LICENSED INSTALLER OF ROBBINS LOCK-TITE, PERMACUSHION, IRON BOUND AND SYNTHETIC FLOORS





## Glen Construction Co., Inc.

121 Congressional Lane  
Rockville, Maryland 20852  
(301) 881-6400

General Contractor

Va. St. Reg. #6801

## M E M Interiors, Inc.

Commercial — Industrial

Drywall & Insulation

St. Reg. #15608

P.O. Box 539

Phone 804-746-1400

Mechanicsville, Va. 23111

## J. B. EURELL CO.

*Roof Deck Contractors*



*Specializing in:*

GYPSUM ROOF DECKS • WOOD FIBER ROOF DECKS  
LIGHTWEIGHT CONCRETE ROOF DECKS  
ASPHALTIC PERLITE FILL

Telephone 262-8648

5805 School Avenue

P.O. Box 9427  
RICHMOND, VA. 23228

## C & P AIR CONDITIONING COMPANY, INC.

*Mechanical Contractors*

AIR CONDITIONING — HEATING — VENTILATING

Phone 804-625-5874

2406 Colley Avenue

NORFOLK, VIRGINIA

## Communications, Inc.

*Specialists in  
Industrial, Police, Fire, FM,  
Two-Way Radio  
Communication*

**Consultants**

*Serving Northern Virginia for Over 30 Years*

Arlington & Vicinity  
Dial 703-671-9300

Statewide Toll Free Number  
1-800-572-4288

or write  
2701 South Nelson St.  
Arlington, Virginia 22206

## Acorn Construction Company Ltd. General Contractors

COMMERCIAL  
INDUSTRIAL



INSTITUTIONAL  
PUBLIC UTILITIES

St. Reg. #9521

Telephone (703) 992-3560

P. O. Box 12141, Roanoke, Va. 24023



# Outside Inside.

Genuine  
Buckingham Slate®  
is the natural  
balance between  
architecture and nature



VCU Girls' Dormitory Va. Commonwealth University  
Architect: Lee, King, & Poole



Interior imagination! Add nature's own warmth with the rich, natural texture of Buckingham Slate®. Result—smart contemporary design endowed with timeless dignity and enduring traditional values. Pleasing, comfortable beauty!

Flair, too. The floating airiness of stairs in slate is just one challenging design-in-slate idea!

Write or call for information or see our catalogs in Sweet's Architectural File or B.S.I. Stone Catalog.



**Buckingham Slate®**

Buckingham-Virginia Slate Corporation  
4110 Fitzhugh Avenue, Richmond, Virginia 23230  
Telephone: 804/355-4351

(Above and right) Woody's Funeral Home, Parham Chapel, Richmond, Va.