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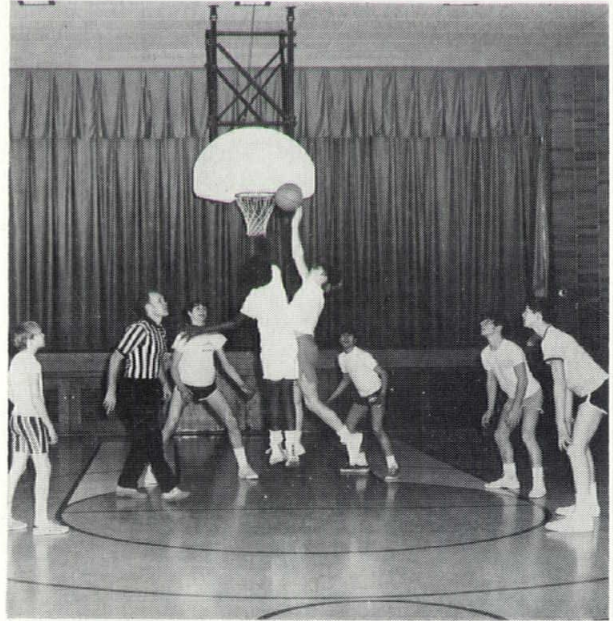


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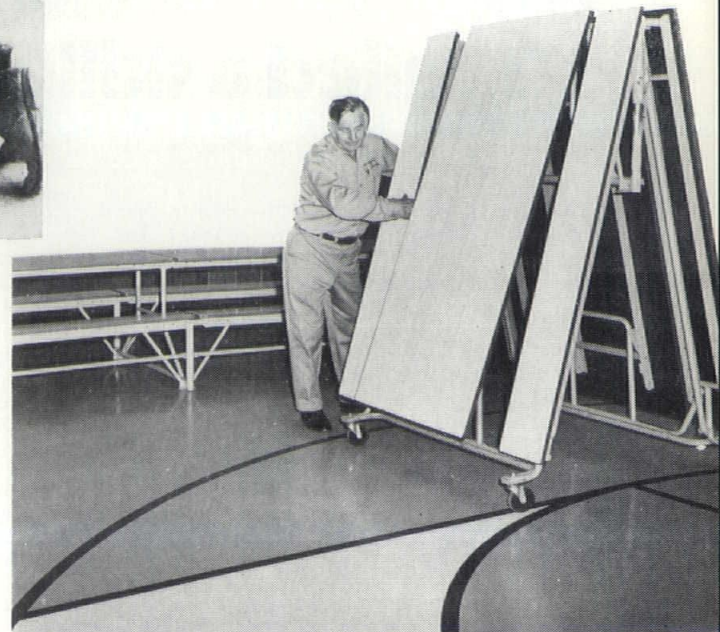
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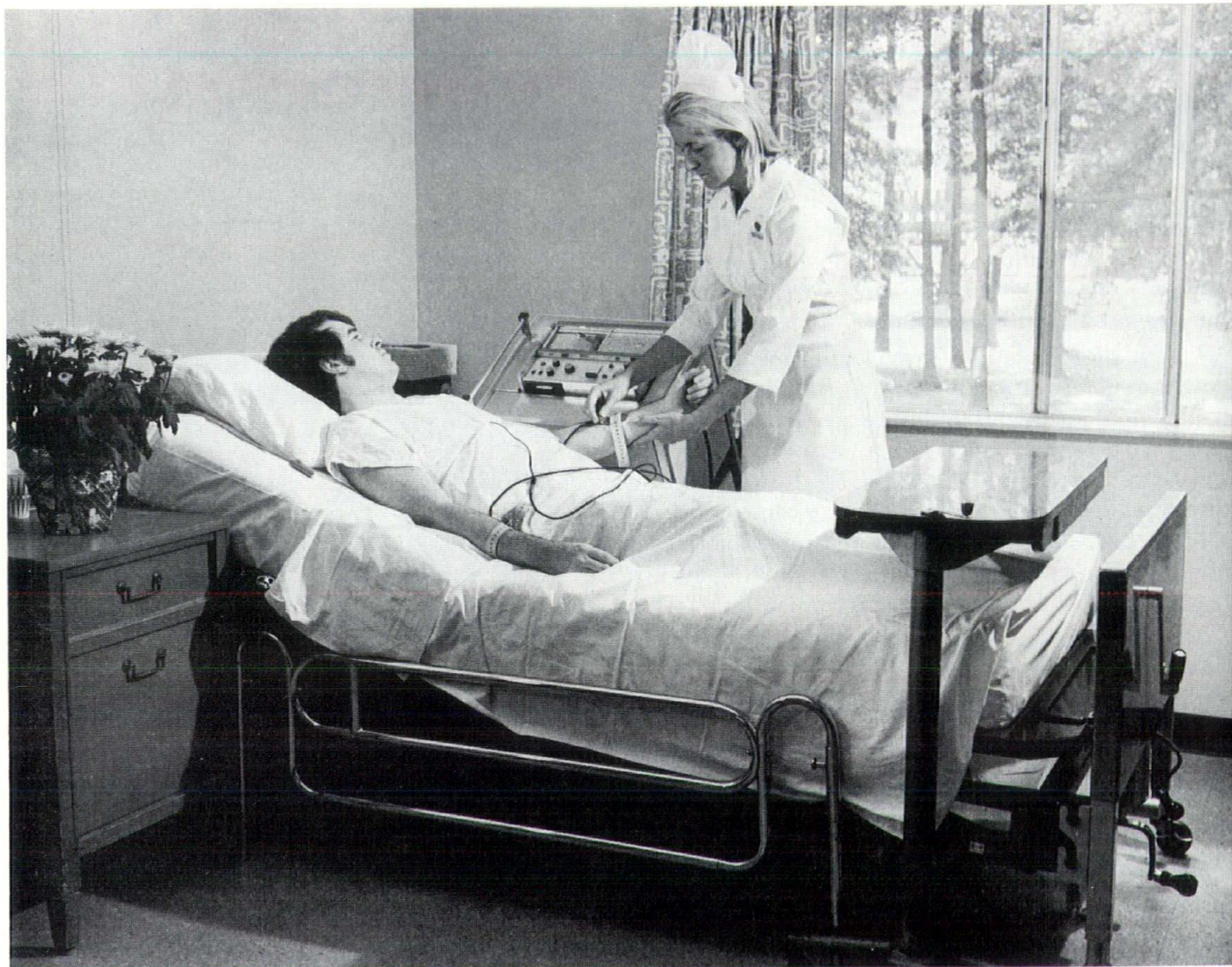
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Vol. 95—No. 2

FEBRUARY 1973

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ON OUR COVER is the United States Courthouse and Federal Building, to be located at the old Lee Junior High School site on Franklin Road, in Roanoke. When completed it will house U. S. District Court Facilities, a downtown post office branch, and a variety of governmental agencies.

The fourteen-story brick and glass structure contains some 272,000 sq. ft. and features two end service cores which define a large modular space virtually free of interior columns. This concept accommodates the open space required by the court and post office facilities as well as providing flexibility in the office area where "office landscaping" will be employed.

The new building which is designed by Hayes, Seay, Mattern and Mattern, architects and engineers and administered by the General Services Administration is expected to be completed in 1975.





Richard E. Shoup Donald P. Moore Ronald F. Harrison

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## R.I.P. *War and Peace*

IN his column in the *Richmond Times Dispatch*, Mr. Shelley Rolfe offered what seemed an easy solution to a dilemma which has plagued a segment of the reading public for at least three generations. The dilemma was Tolstoi's *War and Peace*, written (1866) just over a century ago. I don't know when it first became referred to as "the greatest novel ever written," but from the late twenties on, in New York literary circles, one heard *War and Peace* spoken of as "the world's greatest novel" so often and so casually that this judgment was accepted as a fact.

At the same time, you did not hear the literary minded young, or even their elders, speak with fervid warmth of having *enjoyed* this great novel. The novels mostly discussed with passion were by contemporaries: Joyce, D. H. Lawrence, Mann, Virginia Woolf and the volumes of Proust's posthumously published *Remembrance of Things Past*. Although Galsworthy has long been in eclipse, the volumes of his *Forsyte Saga* were then eagerly awaited and talked about as much as Eliot's *The Waste Land*. Also, it should be mentioned that from the early twenties, Russian literature ("the Russians") was a big thing and the culture conscious young spoke intensely of Dostoevski (especially *The Brothers Karamazov*), Andreyev, Maxim Gorki, Turgeniev and the short stories ("slice of life") of Chekhov whose plays were given frequent and fine revivals in Broadway theatres.

But of Tolstoi, one heard mostly of *Anna Karenina* or *The Death of Ivan Ilyitch*. The later was the favorite of a Russian I knew, who ran a bookstore on Tenth Street between two speak-easies. Then Captain Sergei Kournakoff, a White Russian cavalry officer and a vastly educated cosmopolitan, who had been driven from his homeland by the Bolsheviks, dismissed the whole "Russian" fad by saying, "Why do you make such a to-do about those old authors? It's as if you kept talking to me of Dickens and Trollope instead of your new writers."

With this background, I have no personal knowledge of anyone who read *War and Peace* during this period. You heard friends talk of having read new novels of Dreiser, Willa Cather and chi-chi writers like Carl Van Vechten and the now forgotten Ronald Furbank, and from the mid to late twenties new writers like Dos Passos, Hemingway, Faulkner and Thomas Wolfe, and, very big, Eliot's *Ash Wednesday*. These, of course, merely represent a sample of the outstanding figures that arise in memory, and for each outstanding figure there were many novelists of lesser rank who at the time provoked excited discussion. But, while none was heard talking of the characters in *War and Peace* as, say, one heard conversations about Philip Carey in Maugham's *Of Human Bondage* and *Jean-Christophe* in Romain Rolland's massive novel, at intervals there fell the pontification about the lonely pinnacle of greatness occupied by Tolstoi's classic.

Since, then, you never heard anyone speak with enthusiasm about anything in the novel, the reading of *War and Peace* began to loom as some sort of duty. As Mr. Rolfe recorded, we each dutifully bought our copy and dutifully began reading. It was not only the profusion of foreign names that erected an immediate barrier, but the characters themselves aroused no

(Continued on page 75)



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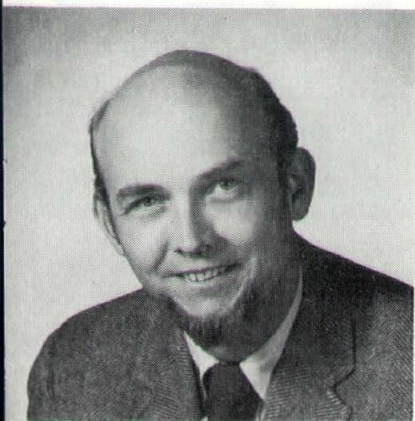
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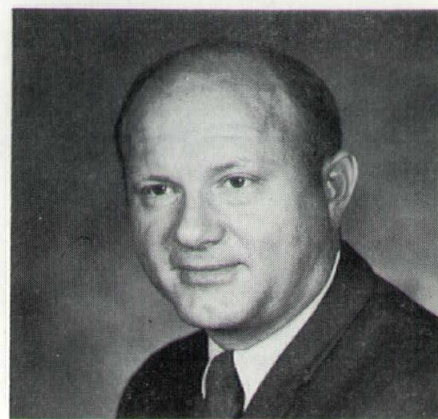
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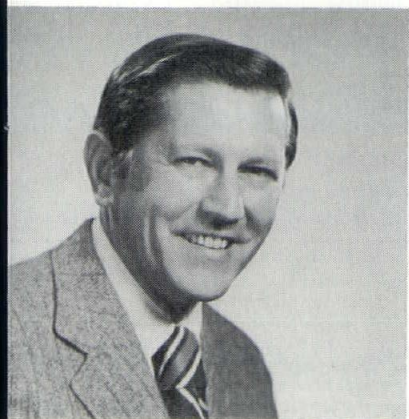
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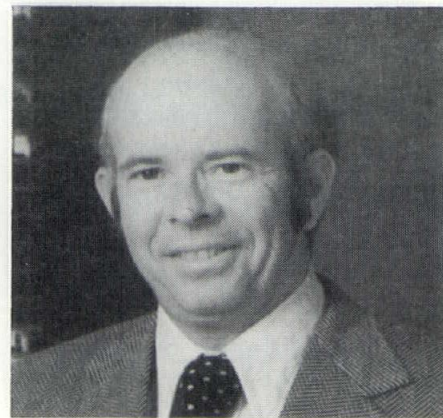
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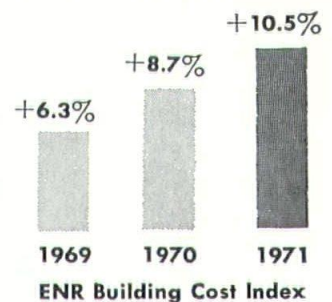
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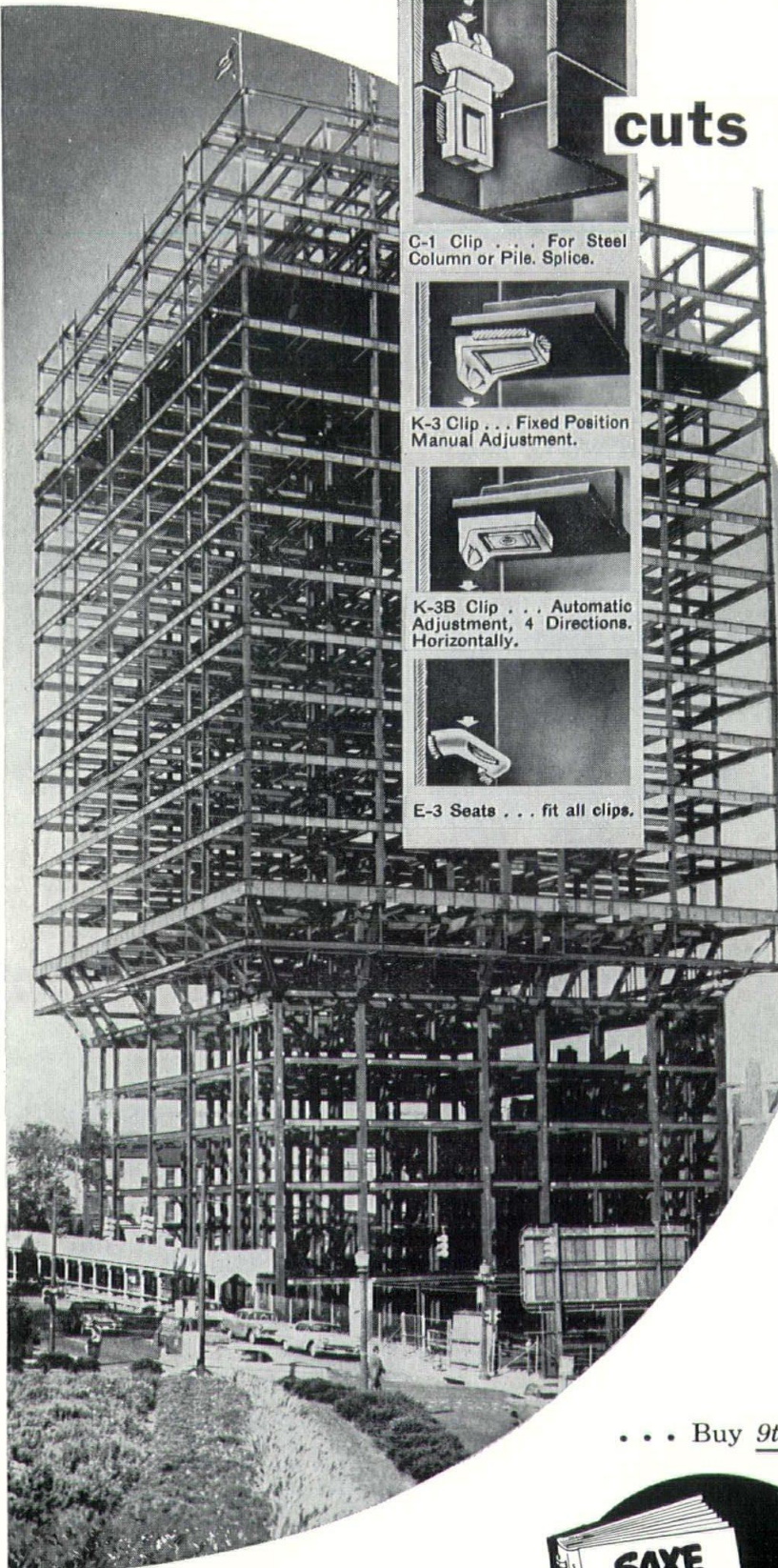
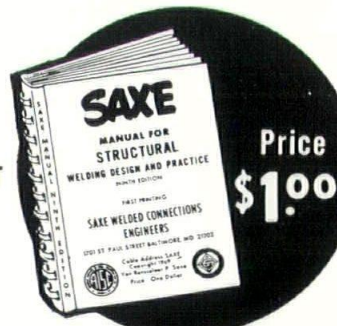
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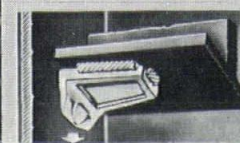
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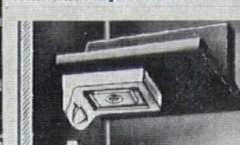
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# A.I.A. NEWS

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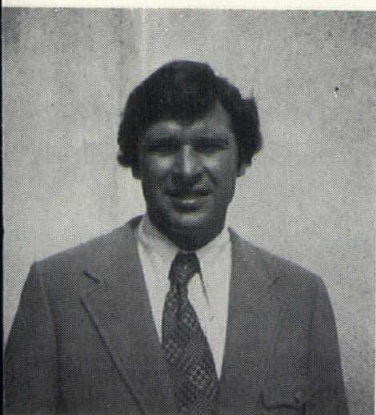
## NEW CORPORATE MEMBERS



**RODRIGO MELODIA BELLOSO, AIA**

Born March 13, 1937 in the Philip-  
ps, Beloso received his Bachelor of  
hitecture degree from Cebu Insti-  
of Technology, Cebu City, Philip-  
s in 1960.

He is employed by Joseph Griggs,  
in Roanoke.



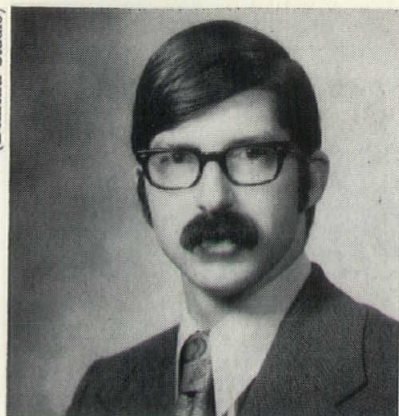
**ROBERT NANCE BRADLEY, AIA**

born September 9, 1941 in Roanoke,  
ley received his Bachelor of Archi-  
ure degree from University of Vir-  
in 1964.

He is a Partner in the firm of Brad-  
e Vernon, Architects in Salem.

the Virginia Story

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**WALLACE VANAMBER CALVERT, JR., AIA**

Born December 10, 1941 in Johnson  
City, Tennessee, Calvert received his  
Bachelor of Architecture degree from  
North Carolina State University, Ra-  
leigh, N. C. in 1968.

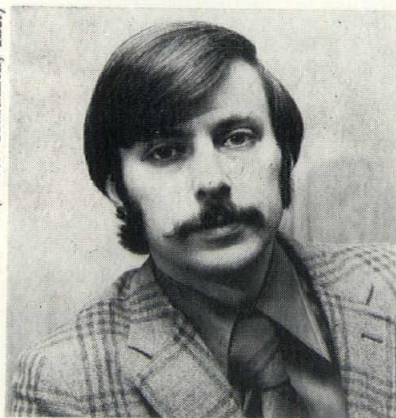
He is self employed in Richmond.

**JUAN OSCAR CHAVES, AIA**

Born November 8, 1956 in Havana,  
Cuba, Chaves received his Bachelor  
of Architecture degree from University  
of Virginia in 1968.

He is with Pearson Chaves Partner-  
ship in Fredericksburg.

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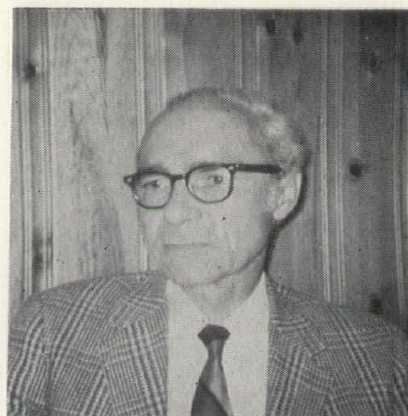
**JAMES EDWIN GEHMAN, AIA**

Born April 22, 1944 in Norfolk,  
Gehman received his Architectural  
training at Pennsylvania State Uni-  
versity, University Park, Pa.

He is employed by Oliver Smith &  
Cooke Architects in Norfolk.

**W. DUDLEY HUNT, FAIA**

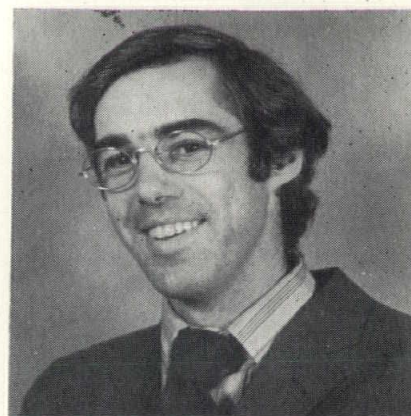
Mr. Hunt's transfer from the New  
York Chapter AIA to the Virginia  
Chapter, AIA was completed Septem-  
ber 14, 1972. He lives in Gloucester.



**CHARLIE DEVEL HURT, JR., AIA**

Born October 6, 1918 in Roanoke,  
Hurt received his Bachelor of Archi-  
tecture degree from University of Vir-  
ginia in 1941.

He is employed in Richmond.



**JOSEPH SAMUEL LAVALLE, AIA**

Born May 14, 1943 in Newark, New  
Jersey LaValle received his Bachelor  
of Architecture degree from University  
of Virginia in 1966.

He is employed by Vosbeck Vosbeck  
Kendrick Redinger in Alexandria.

**W. BASIL ROUSOS, AIA**

Mr. Rousos's transfer from Wash-  
ington-Metropolitan Chapter, AIA to  
the Virginia Chapter, AIA was com-  
pleted on October 12, 1972.

He is with The Architectural Group  
Practice in Alexandria.



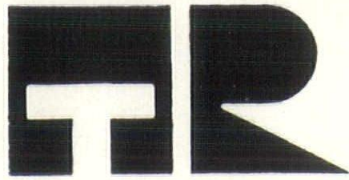
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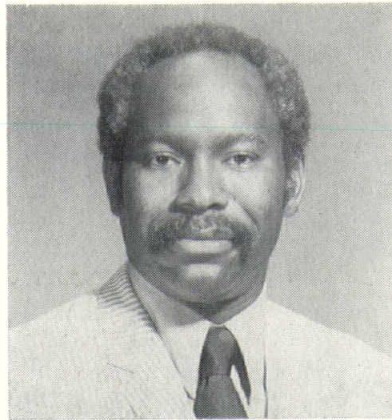
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## AIA NEWS

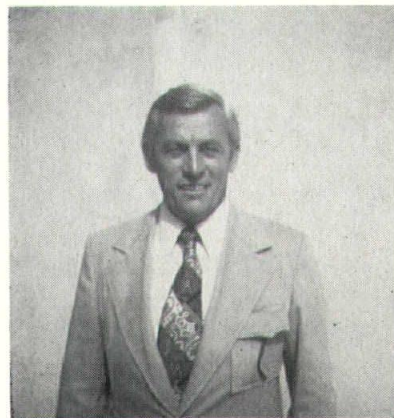
(Continued)



**JOHN HENRI SPENCER, AIA**

Born September 14, 1929 in Monrovia, Liberia, Africa, Spencer received his Bachelor of Architecture degree from Hampton Institute in 1956. He also received a BLA degree from Hampton Institute in 1961; as well as a MLA degree from University of Massachusetts in 1968.

He became an Associate Member June 3, 1971. Mr. Spencer is a Director, Division of Architecture, Hampton Institute, Hampton, Virginia.



**GIFFORD OWEN VERNON, AIA**

Born July 5, 1930 in Roanoke, Vernon received his Bachelor of Architecture degree from Carnegie-Mellon University, Pittsburgh, Pa.

He is a Partner in the firm of Bradley & Vernon, Architects in Salem.

(Photo Craftsmen, Inc.)



**HOWARD LEON WRIGHT, JR., AIA**

Born August 18, 1942 in Lynchburg, Wright received his Bachelor of Architecture degree from Virginia Polytechnic Institute in 1966.

He is employed by Oliver Smith Cooke in Norfolk.

## NEW PROFESSIONAL ASSOCIATES

### WILLIAM PAGE BOWLING, III

Born March 29, 1943 in Raleigh, North Carolina, Bowling received his Bachelor of Architecture degree from University of Virginia in 1966.

He is employed by Hayes, Seaborn Mattern & Mattern in Roanoke.

### LUTHER DUANE WHITENACK

Born September 29, 1923 in Galena, Illinois, Whitenack received his Bachelor of Architecture degree from Washington University, St. Louis, Missouri in 1954.

He is employed by Hayes, Seaborn Mattern & Mattern in Roanoke.

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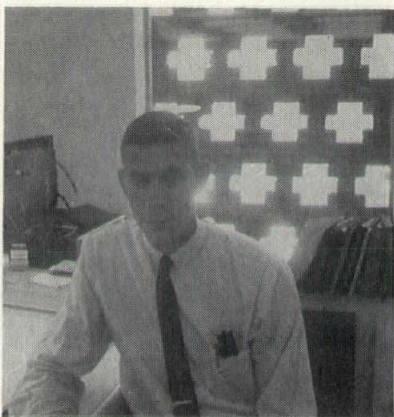
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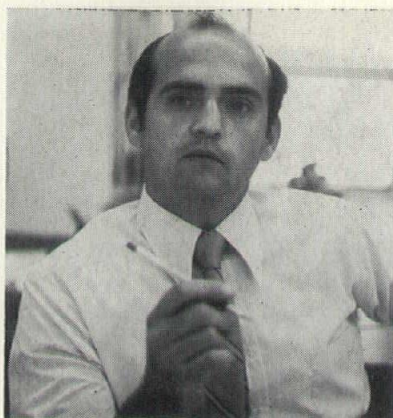
## NEW ASSOCIATE MEMBERS



**HOWARD RANDOLPH ARMBRECHT, JR.**

Born November 6, 1937 in Richmond, Armbricht received his Architectural training at John Tyler Community College.

He is employed with Hardwicke Associates in Richmond.



**PHILIP EARL SMITH**

Born November 5, 1940, Smith received his training at Chicago Tech. College, Chicago, Ill. He is employed by Rawlings, Wilson and Fraher, Richmond.

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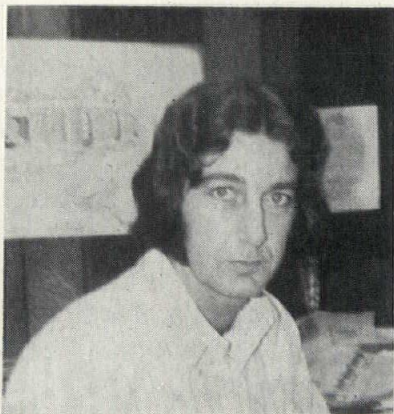
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**DAN HAWLEY BROCKWELL**

Born April 8, 1945, Brockwell attended Frederick College in Portsmouth.

He is employed by Dan E. Griffin Portsmouth.

**HENRY AUBREY JACKSON**

Mr. Jackson received his training William & Mary Tech. Institute Norfolk. He is employed by Waller & Sadler, Virginia Beach.

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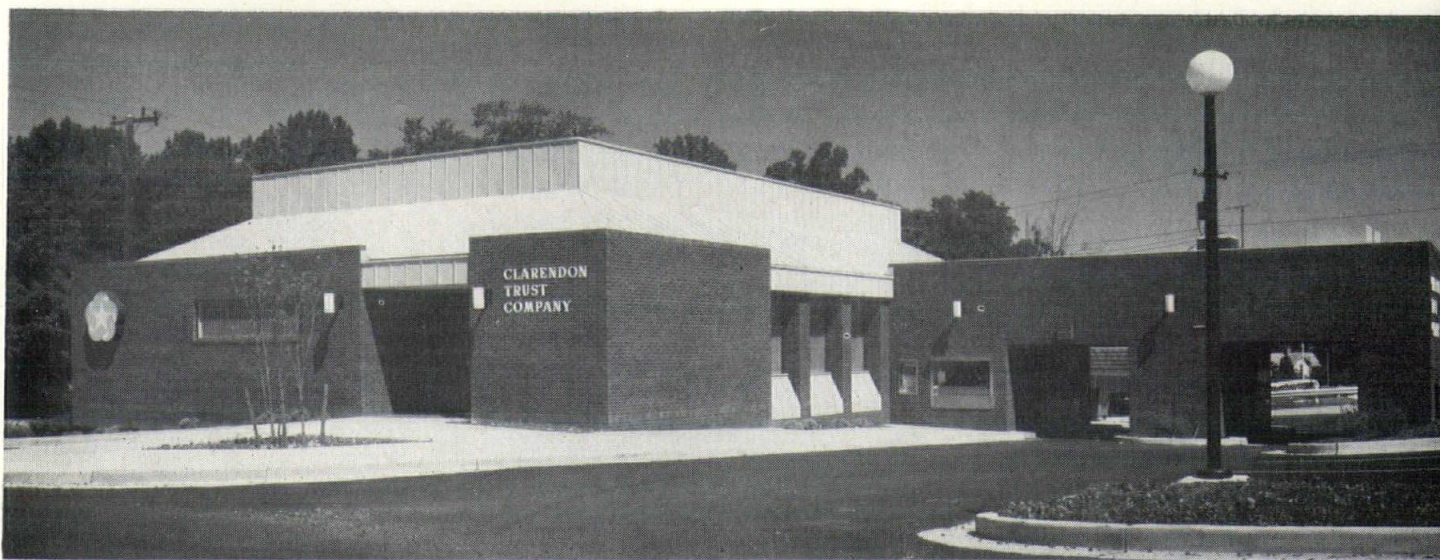
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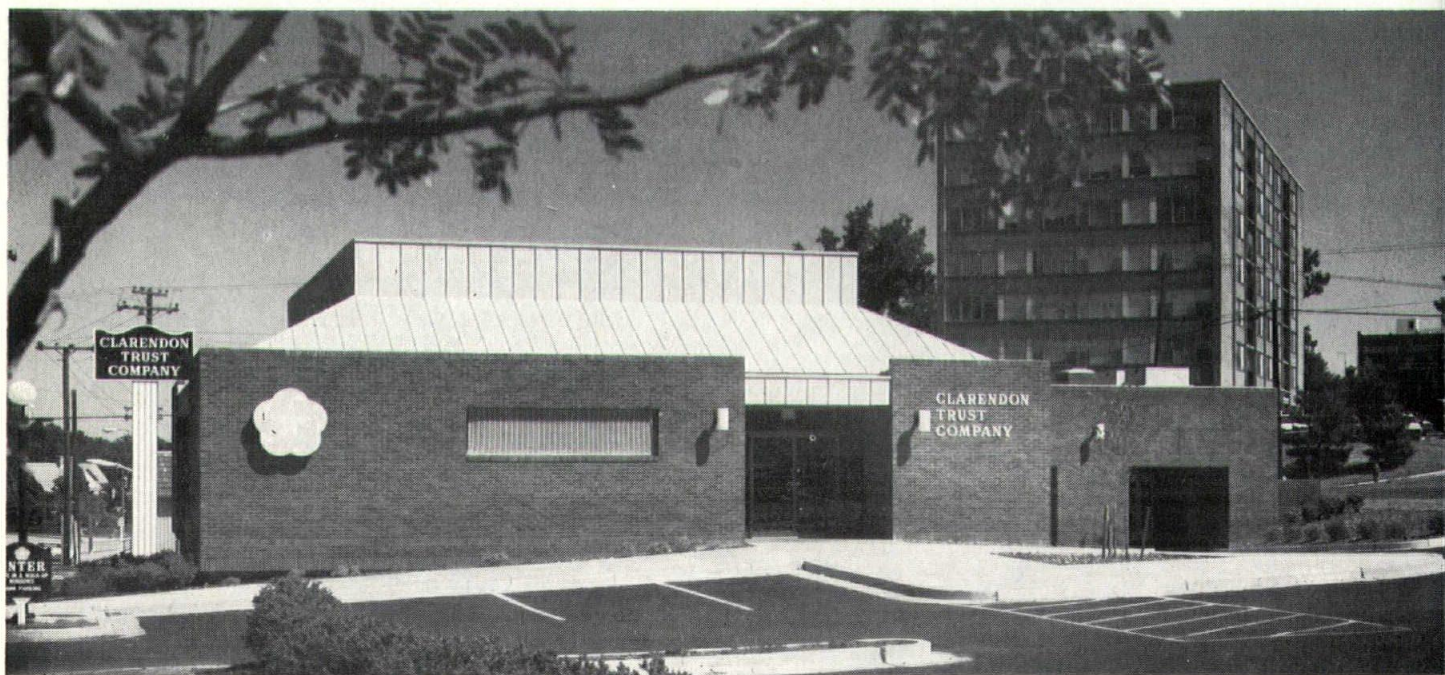
INTERIOR DESIGN  
BY THE ARCHITECTS

**T**HE NEIGHBORHOOD BRANCH facility for the Clarendon Bank and Trust Company in Arlington, is designed to reflect residential influences in a contemporary style.

The branch bank serves pedestrian and drive-in customers. The building takes optimum advantage of siting and visibility at its location at the intersection of three

main roads. A seating area, off of the main lobby, is provided for meetings and for use by local civic groups.

According to the architects, the masonry structure with its corrugated metal roofing was designed around strong forms and shapes in order to project an image of permanence and security. The sloping site was used to advantage by providing on-grade entrances for both the banking level and





for the professional offices at the lower level.

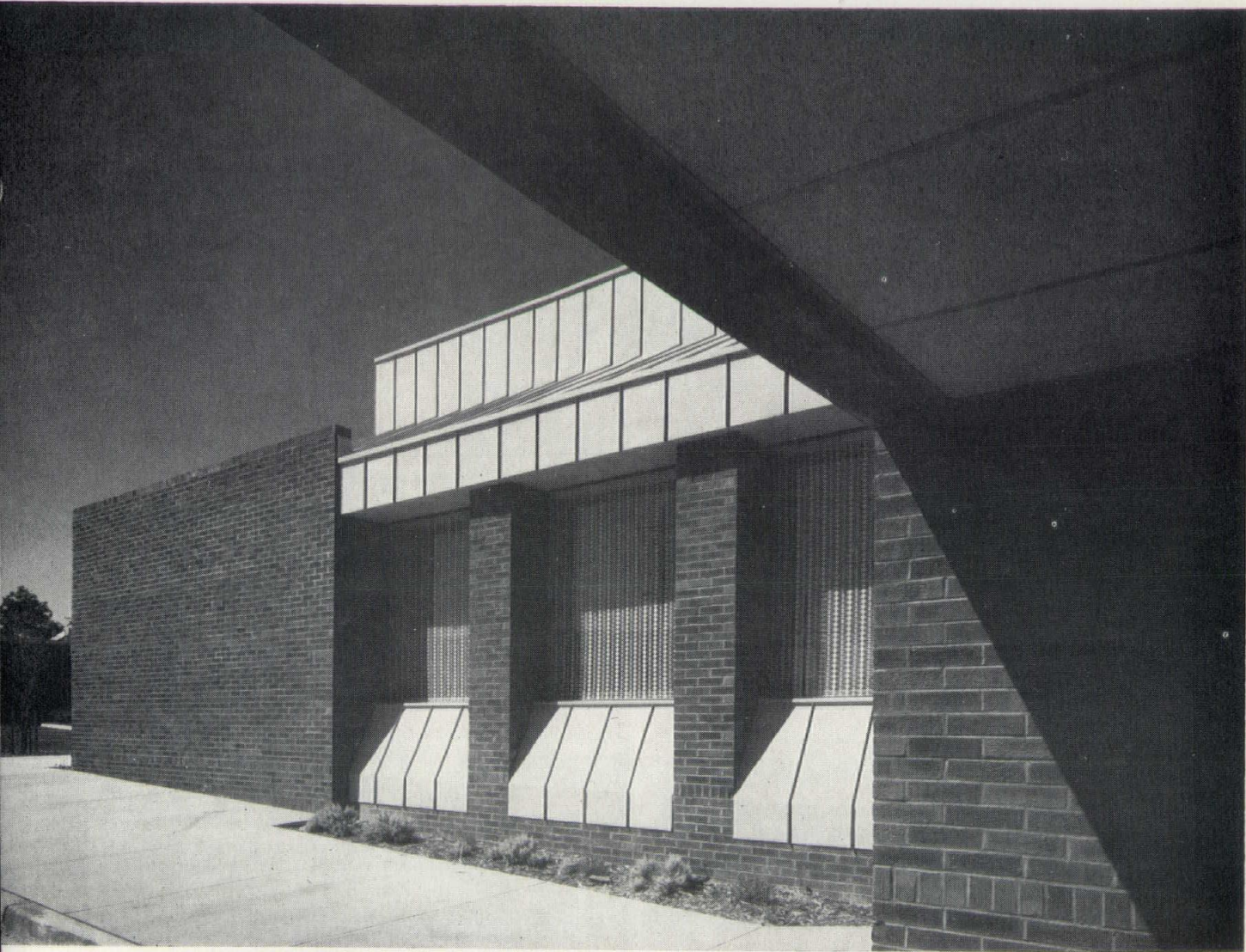
The facility's location at a critical intersection posed special problems for on-site traffic circulation to the drive-in windows. A thorough study, was, therefore, required in order to arrive at an optimum and safe pattern of traffic flow to and from and within the site. Special consideration was given to environmental concerns of landscaping and to the screening of parking so that the facility would be in harmony with the surroundings.

Banking facilities include six teller windows, two drive-in

windows, an employee lounge, a public lobby, a conference room, and administrative offices. The total area is 4,050 square feet in addition to the 1,334 square feet of professional office space for Dr. Kenneth Haggerty on the lower level.

Cove lighting provides an indirect, concealed source of main light and wall mounted lights are used for accent.

Wayne Construction Co., Inc., of Arlington, was general contractor and handled excavating, foundations, concrete and carpentry.



#### Subcontractors & Suppliers

Suburban Masonry, Inc., Beltsville, Md., masonry; Adams Fabricated Steel Corp., Washington, D. C., steel, steel roof deck & roof deck; Virginia Roofing Corp., Alexandria, roofing; Hires Turner Glass Co., Alexandria, windows, window sills & glazing; United Painters & Paper Hangers, Richmond, painting; Virginia Waterproofing Co., Inc., Herndon, waterproofing; and, Asbestos Covering & Roofing Co., Inc., Washington, D. C., insulation.

Also, Southern Floors & Acoustics, Inc., Merrifield,

acoustical; D. Compe & Son, Inc., Arlington, plaster; Fairfax Tile & Linoleum Co., Inc., Fairfax, resilient tile; Southeastern Floor Co., Bethesda, Md., wood flooring; Arlington Woodworking & Lumber Co., Inc., McLean, millwork; W. M. Schoenfelder & Assoc., Inc., Bethesda, Md., steel doors & bucks; Mosher Electric Corp., Arlington, lighting fixtures & electrical work; Arvex, Inc., Vienna, plumbing fixtures & plumbing; Calvert-Jones Co., Inc., Arlington, air conditioning, heating & ventilating; and, Fries Beall & Sharp Co., Springfield, hardware.



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*Additions and Alterations To*

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**VANSANT AND GUSLER**  
CONSULTING ENGINEERS  
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**FRAIOLI-BLUM-YESSELMAN**  
CONSULTING ENGINEERS  
STRUCTURAL

**WILLIAMS & TAZEVELL**  
INTERIOR DESIGN

THE YEAR WAS 1899. A remodeled house on Emmet Street served as a hospital. That edifice was then called King's Daughters' Hospital.

History and progress changed all that. The residence on Emmet Street became a home for the aged, and the King's Daughters moved to a stately \$80,000 four-story structure facing Leckie Street.

A kind of metamorphosis began in 1914 when the hospital was expanded with a north wing . . . and then a south wing . . . and later an east wing. "King's Daughters' Hospital" shed as an identity in 1956 when the name was changed to "Portsmouth General."

The new East Pavilion stands five stories high, contains

98,000 square feet, and amounts to a total cost of \$5,860,462. Federal funding for the first two floors was awarded in 1968. A philanthropic contribution of one million dollars made the third floor possible, and the upper two floors are being financed by the hospital.

These advanced facilities are indeed a welcome addition to Portsmouth General.

The ground floor of the East Pavilion is the location of Radiology, Renal Dialysis, Inhalation Therapy and the Central Sterile Supply area. The Purchasing Office is located here as well as a suite of offices for the Director of Medical Education and Renal Division.

Six major operating rooms are provided on the first floor



as well as two cystoscopic rooms and a ten-bed recovery room.

The newborn are welcomed to the community on the second floor of the Pavilion where three delivery rooms and eight labor beds are located. There is a nursery with 34 bassinets as well as postpartum accommodations for the patients. This floor has been designated the Marie C. Beasley Pavilion.

The 48 beds of the third floor will be devoted exclusively to the care of surgical patients. There are 16 private rooms and an equal number of semi-private rooms.

The fourth floor is the medical floor with 44 beds. There are 15 private rooms, 11 semi-private rooms and a Coronary Care Unit with seven beds.

Portsmouth General has long been the place to provide medical care to the community. As its facilities continue to grow, the finest care possible is being constantly advanced.

W. B. Meredith, II, Inc., of Norfolk, was general contractor and handled foundations and concrete.

#### Subcontractors & Suppliers

(Norfolk firms unless otherwise noted)

Welch Contracting Co., piling; W. T. Stowe, Inc., Portsmouth, masonry; Barnum-Bruns Iron Works, Inc., steel & steel roof deck; American Sheet Metal Corp., roofing; Economy Cast Stone Co., Richmond, stone work; Amel Dages Co., Richmond, windows; Walker & Laberge Co., Inc., window walls & glazing; E. Caligari & Son, Inc., painting; A. D. Stowe, Portsmouth, plaster; Ferrell Brothers Inc., Va. Beach, resilient tile; Pompei Tile Co., Inc., Newport News, terrazzo; Weaver Brothers, Newport News, masonry work; Door Engineering Corp., steel doors & bucks; Wal Truland Corp., Arlington, lighting fixtures & electrical work; Norfolk Air Conditioning Corp., plumbing fixtures, plumbing, air conditioning, heating & ventilating; Houghton Elevator Co., Div. Reliance Electric Co., Toledo, Ohio, elevator; Door Engineering Corp., hardware; Southern Kinetics Co., sound insulation; St. Charles Mfg. Co., Richmond, casework; and, Ameray Corp., Dover, N. J., X-Ray protection.

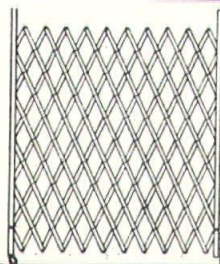


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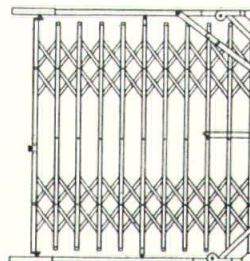
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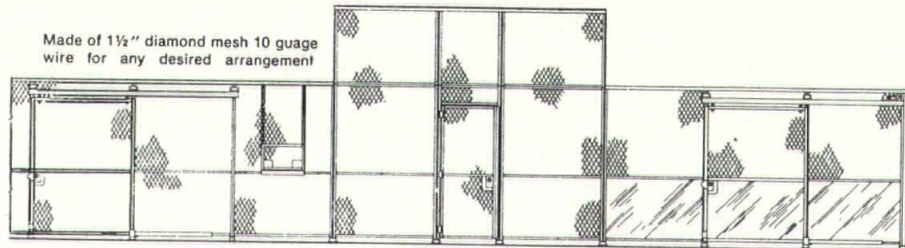
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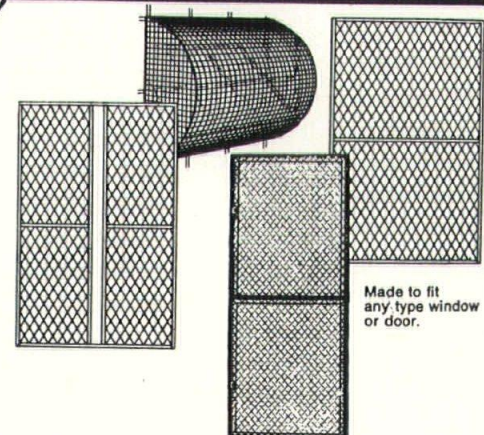
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SIX months after work began in March of 1972, the Brambleton-Peery Office Building was ready for occupancy. Close coordination between owner, architect and contractor enabled adherence to the rigid completion schedule which made possible the construction of 27,000 square feet of integrity office space in an unprecedented short span of time. The new facility at 3433 Brambleton Avenue in Southwest Roanoke County, houses the western area office of the Chesapeake and Potomac Telephone Co.

The site is conveniently located on Brambleton Avenue at the intersection of Pinevale Road and is within ten minutes of downtown Roanoke, and most parts of Roanoke County via the circumferential highway. The surrounding area is predominately residential with occasional strip commercial development along Brambleton Avenue. A gentle slope exists from back to front uniformly across the site with scattered vegetation along the rear and Pinevale Road property lines.

The main entrance from Brambleton Avenue and the secondary entrance from the parking area open into the lobby which divides the building equally. Four separate office quadrants emerge, two on each side of the central two-story lobby. Each quadrant offers approximately six thousand (6,000) square feet of rental space. Toilets and support spaces are centrally located adjacent to the lobby area.

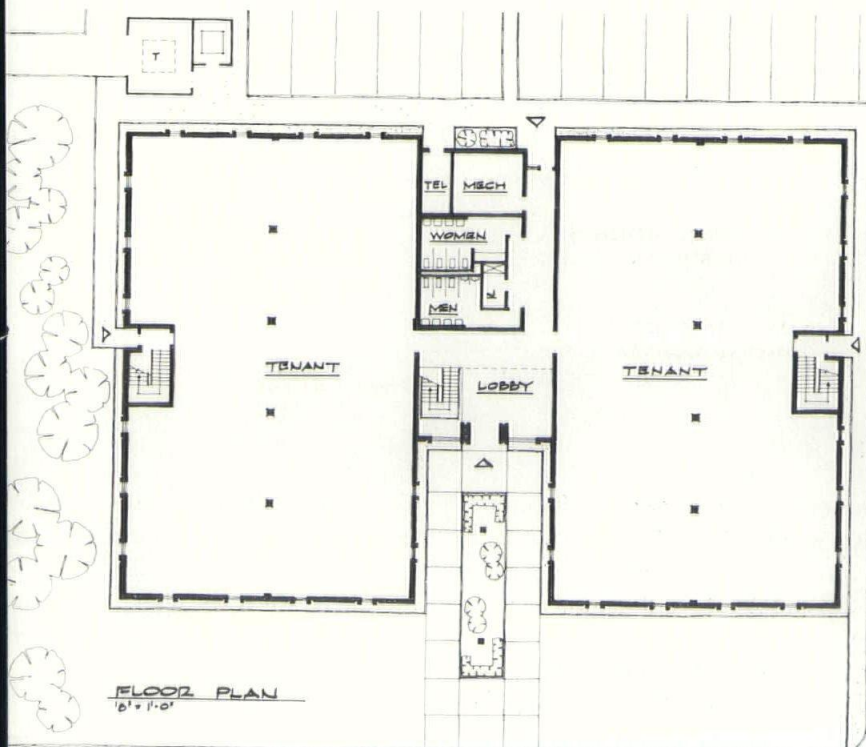
Total mechanical flexibility is available through the use of interchangeable ceiling fixtures and an underfloor

(Continued on  
page 63)

### BYRON R. DICKSON, JR., AIA ARCHITECT

SHERERTZ & FRANKLIN, A-E — CONSULTING ENGINEERS  
SOWERS, RODES & WHITESCARVER  
CONSULTING ENGINEERS, MECHANICAL

S. LEWIS LIONBERGER CO. — GENERAL CONTRACTOR  
INTERIOR DESIGN BY THE ARCHITECT







M. JACK RINEHART, JR., AIA, ARCHITECT

## RESIDENCE FOR MR. AND MRS. THOMAS MADDUX

DR. DAVID MORRIS  
CONSULTANT

ARTHUR K. BOSLEY  
GENERAL CONTRACTOR

**T**HIS house was designed for a family of five who though having a traditional background had become quite excited by the contemporary design that they had seen. They desired a character that exhibited an Oriental influence, but would have the scale and feeling of belonging in its en-

PAGE TWENTY

vironment between two Williamsburg houses north of Baltimore, Maryland. The site was a long narrow lot with two distinct levels and many fine old trees.

The concept of three pavilions set in a cluster was developed (1) to provide interior design separation, (2)

to maximize the orientation to the interior and (3) to define the adjoining exterior space. All the parent functions were to take place on the floor and were designed to provide separate circulation between adults and the teenage children (future grandchildren), meeting

VIRGINIA RECORD

*Founded*



in the family oriented areas. The ground had to accommodate the automobile as access to the property was in the lower level of the site.

The materials were selected to carry out the design idiom with as many being indigenous as possible. A grey rosted, dark red-brown brick was used for the ground floor walls relating to the grey bleached redwood siding and the cedar shake roof, which will turn charcoal in time. Many indigenous products such as serpentine and Buckingham slate were used inside.

Particular emphasis was placed on its exterior appearance at night as well as in daylight with a system of predominantly indirect lights in the soffits.

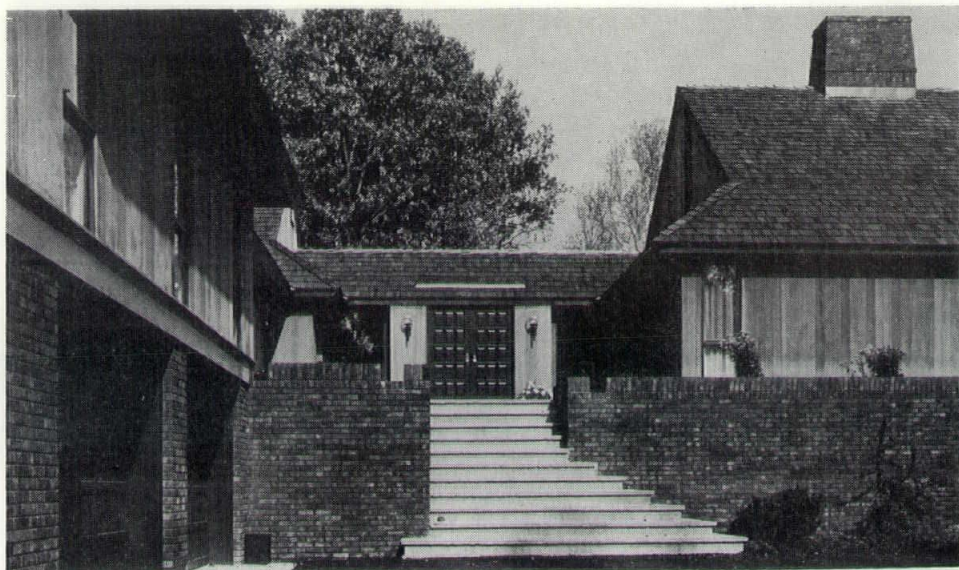
The general contractor, Arthur K. Mosley of Ruxton, Md., handled roofing, carpentry, paneling, waterproofing, wood flooring and handrails.

#### Subcontractors & Suppliers

From Baltimore, Md. were: John Burnham, Jr., foundations & masonry; Maryland Steel Products Co., steel; Robert L. Walsh, glazing; Werner Hauger, painting; Webb Flyscreen Mfg. Co., weatherstripping; States Engineering Co., insulation; Tracey & Mattison, plaster; Arts Craft, Inc., ceramic tile & resilient tile; and, Albert Gunther, Inc., hardware.

Cockeysville, Md. firms were: Crest Contracting Co., excavating; McDonald Electric Co., electrical work, Lyon, Jr., plumbing fixtures & plumbing; and Heating & Air Conditioning, Inc., air conditioning, heating & ventilating.

Others were: Harry T. Campbell, Towson, Md., concrete; Andersen Corp., Bayport, Minn., windows; Saco Supply, Timonium, Md., structural wood; T. H. Maddux Lumber Co., Marshall, Va., millwork; Lightolier, Richmond, Va., lighting fixtures.







(Photo by Louis Oliver)

OLIVER, SMITH AND COOKE, AIA, ARCHITECTS

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LANGLEY-McDONALD & OVERMAN  
SITE CONSULTANTS

INTERIOR DESIGN  
BY THE  
ARCHITECTS

W. B. MEREDITH, II, INC.  
GENERAL CONTRACTOR

**T**HROUGH IMAGINATIVE use of landscaping, planters and exterior brick, architects for the new Chesapeake and Potomac Telephone Company electronic switching center in Virginia Beach have made it compatible with a residential area.

They made the commercial building unobtrusive by calling for a 4½ foot earthen berm on three sides of the structure and by extensively landscaping the grounds.

The result is that the windowless, concrete and brick center is reduced in scale and does not detract from upper middle class homes in the area.

Completed last Fall, the building has 12,000 square feet. Sophisticated telephone equipment is being installed this year.

The center will provide additional service for a number of years.



telephone exchange in the rapidly growing residential section of Virginia Beach.

The one-story facility utilizes other amenities to give it the warmth of the neighborhood. The exterior is of Williamsburg-type brick. The fascia is of precast concrete aggregate. A large slate planter accentuates the front of the building.

The earthen berm, however, is most effective in providing an attractive natural screen for the center. It sweeps around from both sides to the front of the building and is landscaped.

A concrete frame supports a masonry roof and makes the building completely fire proof and secure from unauthorized entry.

In addition to the electronic circuitry the building will contain an office, lounge, restroom and generator room.

Expansion of the building is anticipated and the rear wall can be easily removed for that purpose. The building also screens the parking lot which is to the rear.

The structure is on a wooded lot, 600 x 300 feet, at the intersection of Great Neck Road and Shore Haven Drive.

W. B. Meredith, II, Inc., of Norfolk, was general contractor and handled foundations, concrete and carpentry.

#### Subcontractors & Suppliers

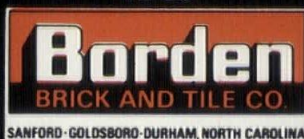
(Norfolk firms unless otherwise noted)

Wm. Vann Trucking, Inc., Portsmouth, site clearing; E. L. Hudson Masonry Co., Inc., Va. Beach, masonry; Hall-Hodges Co., Inc., steel; Barnum Bruns Iron Works, Inc., Chesapeake, steel & steel grating; Fett Roofing & sheet Metal Co., Inc., roofing & waterproofing; Ajax Co., Inc., stone work; E. Caligari & Son, Inc., painting & plastic wall finish; Clarence E. Swain Tile Co., Portsmouth, insulation, acoustical & resilient tile; J. M. Morgan, plaster (drywall); Joshua Swain & Co., Inc., Portsmouth, ceramic tile; Door Engineering Corp., steel doors & bucks & hardware; Austin Electric Co., lighting fixtures & electrical work; C & P Air Conditioning Corp., plumbing fixtures, plumbing, air conditioning, heating & ventilating; and, Economy Cast Stone Co., Richmond, precast concrete.



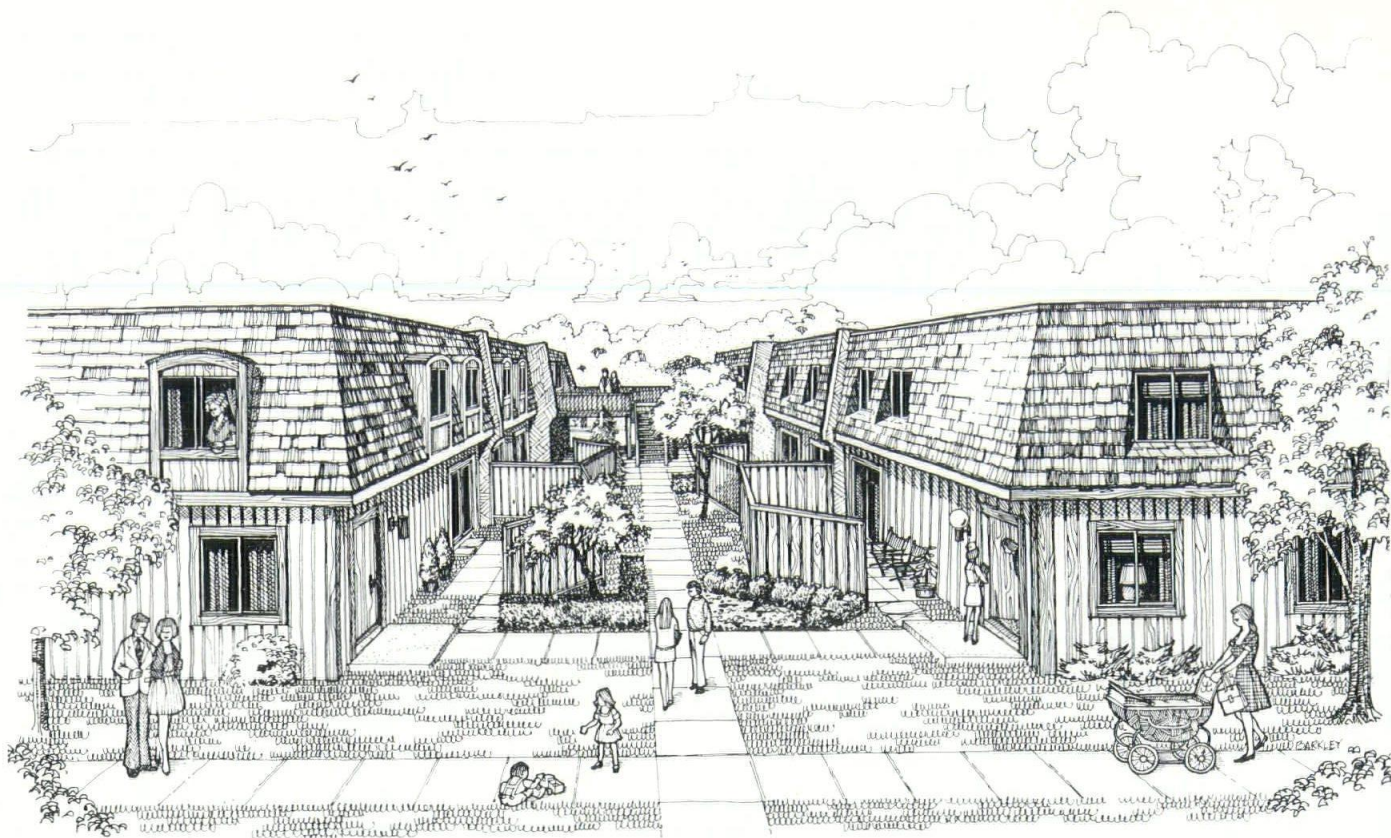
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# SEQUOYAH

Alexandria

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ASSOCIATES  
ARCHITECTS**

**SPRINGFIELD ASSOCIATES  
SITE ENGINEERS**

**G. L. RUPERT AND ASSOCIATES  
LANDSCAPE ARCHITECTS**

**THE MINCHEW CORPORATION  
BUILDERS & DEVELOPERS**

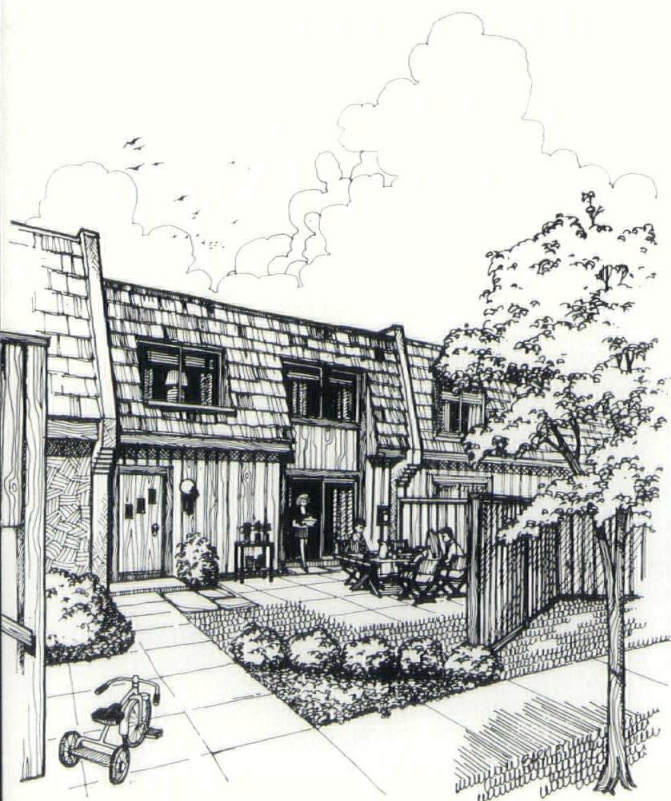
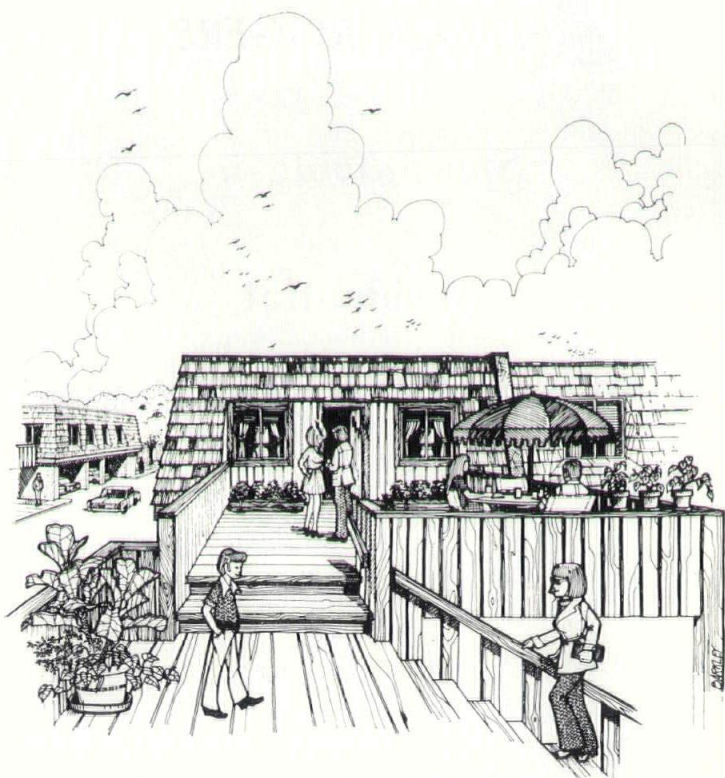
**I**NSTEAD of the usual plastic picture of a house or clump of trees, the "teaser" ads for weeks ahead of the opening of SEQUOYAH featured the silhouette of a man on horseback riding out of the sun, giving pictorial promise of things Western to come. So, when this new cluster-type townhouse community with the California accent opened October 7th, 1972, public interest . . . and buyer acceptance . . . was high. So high, in fact, that the original section of 50 units sold out almost at once, and a second 50 were brought forward ahead of schedule to accomodate the response. As of this writing in November 1972, these, too, are almost gone.

The SEQUOYAH concept actually had its origin several years earlier when The Minchew Corporation undertook the major risk of completely redirecting its corporate growth from medium-to-high-price single homes into the medium



priced townhouse field, aimed at a younger, more mobile, less affluent but in many ways more demanding market. THE MEADOWS OF NEWGATE in Centreville was the first such Minchew townhouse community, offering 2 and 3 bedroom townhouses in triplex arrangement for under \$30,000. Although THE MEADOWS was a nationally-acclaimed success—entire offering of 218 units sold in less than one month—there was some question whether Minchew would have to stay with the traditional Williamsburg brick design to attract the hundreds of buyers he would need . . . and to keep the prices hovering around the \$30,000 mark. Determined to offer a sharp alternative in his second “Affordable Dream” townhouse community, John Minchew brought back from California a number of ideas and approaches, and sat down with the architectural firm of Barkley Pierce Associates in Falls Church to see what could be created for 84-acres of sloping land in the Mt. Vernon area, close to Route 1. The result was certainly as unlike the Williamsburg motif as any development could possibly be . . . and promises to be almost as successful.

Minchew insisted on the team approach for total environmental planning. John Minchew, together with architects, site engineers, landscape architects and other specialists, worked to develop a total living environment with a



distinct California urban identity unique to Northern Virginia. Design leadership was provided by the architects who created a FIVE-PLEX cluster concept with warm wood exteriors, and who laid out the basic site planning parameters to round out the community concept. Once the basic design elements were resolved, each of the team members began detailed work in their individual disciplines.

Landscape architect Gerald L. Rupert has designed sign posts, path-finders and rustic fence elevations that blend with and compliment the architecture of the buildings. Throughout the development landscaped areas using a wide variety of densely planted shrubs and trees create individual identity for specific areas.

A unique opportunity was presented Springfield Associates in designing the drives and parking areas. Unlike most townhouse projects with rows of parking at the front door or large parking lots located at long distances from the houses, the Sequoyah five-plex concept offers an enclosed parking space for each unit within the building. Small lots for visitor and second car parking are carefully and inconspicuously located throughout the community.

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the houses open upon greenways that meander in and out of the development, without the intrusion of the automobile. No cars are visible from these areas.

Each unit has a terrace for modern outdoor living partially enclosed with a rustic wood fence complimenting the California style of the houses. Sliding glass doors connect the terraces with indoor living spaces. Interior and exterior areas flow freely into each other satisfying the concept of total environmental planning.

Interestingly enough, the name SEQUOYAH is in a sense a team member contribution on the part of John Minchew himself. SEQUOYAH was the great Cherokee statesman and educator who single handedly invented a written language for the Cherokee Nation. This is an accomplishment unmatched by any single person, to say nothing of someone totally illiterate when he began the project. Minchew, familiar with the Cherokees in his native Georgia, saw an opportunity to give at least modest honor to his name, in hopes that greater recognition will follow. Besides, the giant California redwoods are named after this Indian, so there is a logical relationship.

There are three basic models at SEQUOYAH. The Pacifica is a two-story, three bedroom house offering the greatest flexibility for contemporary living. One can choose a formal dining room and self-contained kitchen with breakfast nook or a large rustic beamed, family room with adjacent kitchen. This unit has two and one half baths.

One of the most popular models is the Sierra, a spacious and comfortable two bedroom unit. The living-dining area is L-shaped and wraps around a generously sized kitchen. A walk-in closet with abundant shelf space is a feature of the master bedroom. This unit is also two stories and contains one and one-half baths.

The Chaparral is a three bedroom, two and one-half baths flat which is situated above the parking garages. A wood deck provides considerable space for outdoor living. A heavy timber wood stair links this unit with the greenways.

Following the total environmental concept, each unit is provided with a full compliment of modern appliances including dishwasher, garbage disposer, washer and dryer. Other features are central air conditioning for each unit, coordinated kitchens with plenty of cabinet space, full-to-wall carpeting, vanities in all bathrooms, central antenna system and laundry chutes in all two-story units.

Construction is wood frame, slab-on-grade type, with masonry firewalls between every two units. Masonry con-

struction also encloses the garages. Built-up roofing is used on all flat roofs.

The exteriors feature distinctive "California-Look" wood exteriors with cedar shake mansard roofs. Windows are aluminum sliders for ease of operation and maintenance. The rustic wood trim is painted a contrasting color to that on the vertically grooved siding. Primary colors lend an individual touch to the entrance doors of each unit.

Nearly two acres of the community have been set aside for recreation which will include a 7,000 square foot community building with game rooms, meeting and party rooms, lounge, swimming and diving pool, kiddie pool, playgrounds and parklands and facilities for a day care center.

The privilege of using the recreation facilities is included in the low monthly condominium fee. This assessment also includes the exterior maintenance of all homes as well as lawn care, snow removal, trash pickup, water and sewer and fire insurance on the building.

The Minchew Corporation, of Centreville, were builders and developers.

#### Subcontractors & Suppliers

Inglewood Development Corp., Springfield, excavating; Carlo Galea, Arlington, foundations & concrete; Craven Brick Co., Springfield, masonry; Southern Iron Works, Inc., steel; Rissco, Inc., Alexandria, roofing & hardware; Ida Products, Detroit, Mich., windows; and, Fairfax Millwork Co., Inc., Alexandria, structural wood & millwork.

Also, Addison Contractors, Arcola, carpentry & paneling; Jensen Decorator's, Inc., Fairfax, painting & waterproofing; Jensen Drywall, Vienna, plastic wall finish; Weatherstrip Service (Robert E. Martin), Fairfax, weatherstripping; Inter County Insulation, Inc., Oxon Hill, Md., insulation; and, Southern Floors & Acoustics, Inc., Merrifield, resilient tile.

And, Droz Steel Co., Pittsburgh, Pa., handrails; Bee & H Electric Co., Fairfax, lighting fixtures & electrical work; Ho-War Plumbing Corp., Annandale, plumbing fixtures & plumbing; Jones-Rogers, Inc., Vienna, air conditioning, heating & ventilating; Modular Space Systems, Inc., Chesapeake, tubs & showers; Sears Roebuck & Co., Bethesda, Md., carpet and all appliances—dishwasher, washer/dryer, refrigerator, ranges & disposal; Metropolitan, Inc., Edmonston, Md., bath accessories; Metal Specialties Co. of Va., Vienna, bifold doors; Antronix Antennae Co., Silver Spring, Md., TV system; Marsh Furniture Co., High Point, N. C., kitchen cabinets/counter tops; and, Newton Asphalt Co., Inc., Alexandria, paving.



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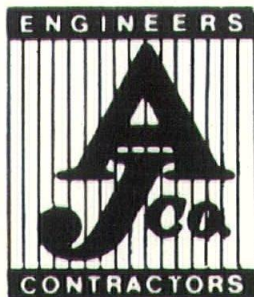
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(Photo by J. Alexander)

VOSBECK VOSBECK KENDRICK REDINGER — ARCHITECTS-ENGINEERS

## DATRAN BUILDING

Tyson's Corner #2

GEN YOUNG  
INTERIOR DECORATOR

CLARENCE W. GOSNELL, INC.  
OWNER/CONTRACTOR

THE high elevation of Tyson's Corner in Fairfax County provides the five-story Datran Office Building a glorious location overlooking miles of Northern Virginia, Maryland, and Washington, D.C.

The 52,000 square foot building was designed by the R Partnership, architects, engineers, and planners, Virginia offices in Alexandria and Roanoke and a Maryland office in Hyattsville. The building was designed to meet the space needs of its prime tenant, Datran, Inc., a subsidiary of University Computing Corporation.

Owner-contractor, Clarence W. Gosnell, Inc., worked with the architects to achieve a quality facility com-

patible with an earlier office building designed by the firm for Mr. Gosnell at the site. The earlier building is a three-story structure located adjacent to the new structure. Datran, Inc. has moved its corporate headquarters from the earlier three-story building to the new five-story facility, although some test-laboratories remain in the first building.

The structural steel frame building makes use of exterior materials which are highly weather resistant. Precast concrete columns, precast vertical fins spaced five feet on center on all faces, and precast fascia and parapet around the

(Continued on page 64)



# CALVERT, LEWIS AND SMITH — ARCHITECTS

## BANK OF VIRGINIA—DANVILLE

**B**ANK of Virginia — Danville has recently opened a new branch located on the Piney Forest Road at the intersection of Franklin Turnpike. Formerly known as the Security Bank and Trust Company, the bank, in a recent merger with Bank of Virginia has brought about increased efforts to better serve its customers. The Piney Forest Branch, opened in October of 1972, has preceded the opening of a new main building downtown by only a month.

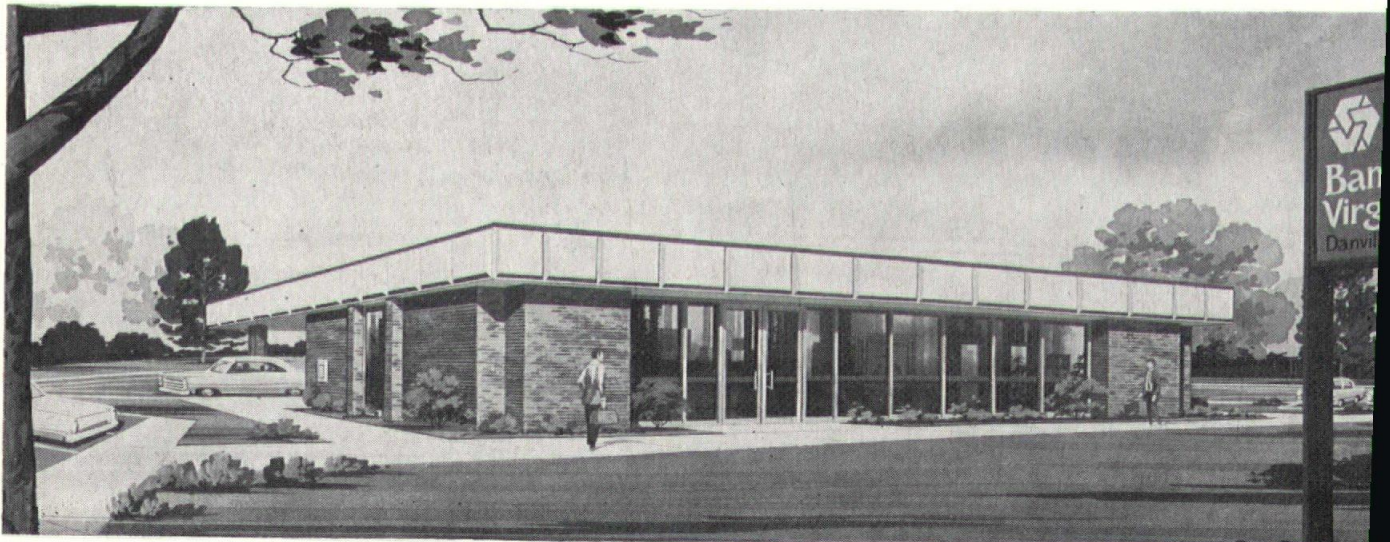
The Piney Forest Branch has been designed to give fast and efficient service with emphasis on motor banking. This facility is equipped to handle two lanes of traffic at the present time and can add a third lane when expected growth develops. The bank has been situated on the site so that customers approaching the bank from either direction can readily enter the banking lanes and can, upon departure, re-enter traffic with a minimum of difficulty. At the direction of Avrett Brumfield, President of Bank of Virginia—Danville, a rather extensive development of the site was undertaken resulting in adequate off street parking and a pleasant surrounding of landscaping.

Inside, the bank has been equipped  
*(Continued on page 65)*

M. LYMAN JOHNSON  
CONSULTING ENGINEER, MECHANICAL & ELECTRICAL

CHARLES KERRY ASSOCIATES  
INTERIOR DESIGNER

JOHN W. DANIEL & CO., INC., GENERAL CONTRACTOR





CLARK NEXSEN AND OWEN — ARCHITECTS-ENGINEERS

# FINE ARTS BUILDING

Lynchburg College

FRAIOLI-BLUM-YESSELMAN  
CONSULTING ENGINEERS  
STRUCTURAL

C. L. LEWIS & CO., INC.  
GENERAL CONTRACTOR

**T**HE new Fine Arts Building at Lynchburg College is located in a sloping wooded area on the perimeter of the campus in Lynchburg.

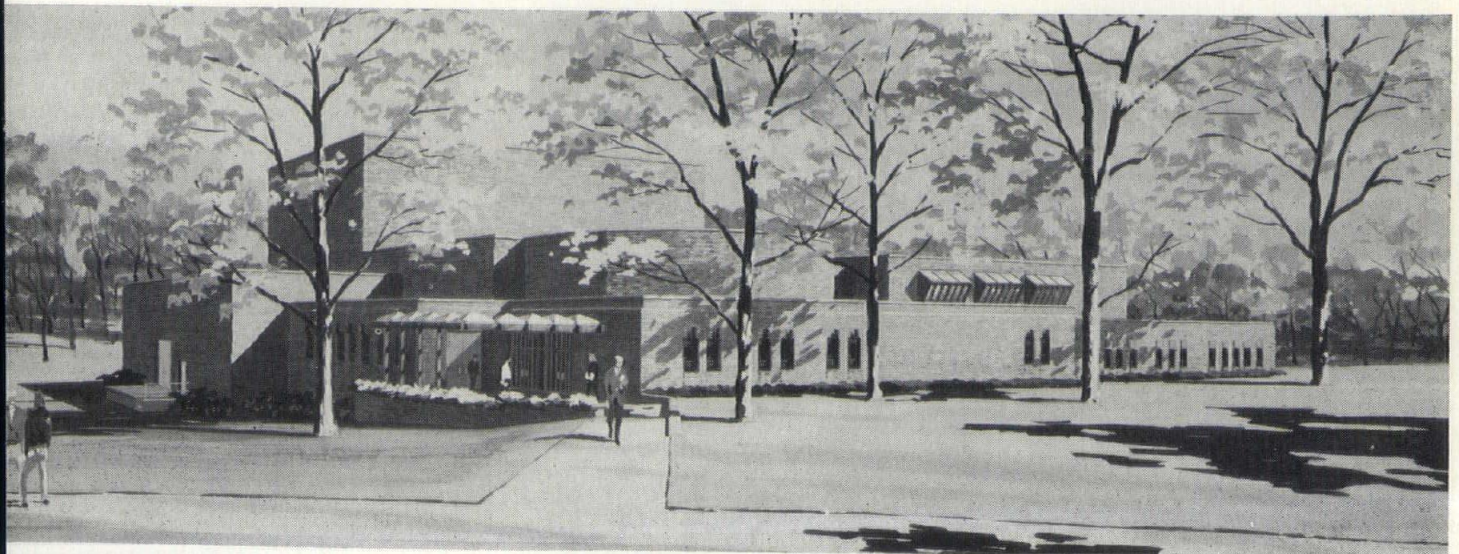
Comprised of two and one half stories, this building will house the facilities for the study of drama, sculpture, painting and related fine arts and their application.

The exterior appearance is contemporary and simple. Design features include a cluster of white plastic pyramid skylights that form an open entrance roof and long spans of brick walls that are broken by sloping light bays providing natural daylight at the principal studios.

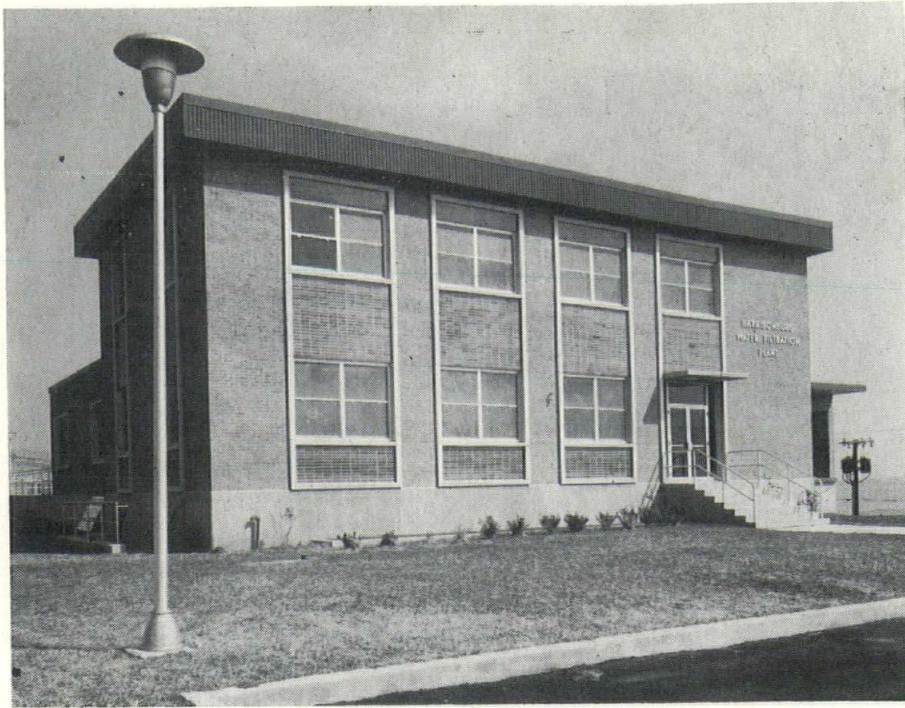
The drama department includes an 80' x 35' stage with traps and fly-gallery, a lecture seminar with a small stage, shop, dressing rooms and space for costume design and fabrication. Also included is space for props, storage and a 300-seat auditorium with light and sound booths and an orchestra pit with removable fore-stage.

The sculpture and ceramics departments feature large studio-classrooms with offices, storage space and lecture rooms. Provisions for art-crafts with dark rooms, art structure, art

*(Continued on page 65)*







**WILEY AND WILSON**  
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**WATERWORKS IMPROVEMENTS**  
**DIVISION I—FILTER PLANT**

**ENGLISH CONSTRUCTION**  
**COMPANY, INC.**  
**GENERAL CONTRACTORS**

(Photos by James M. McElroy)



**H**ARRISONBURG, Virginia was assured of an adequate water supply for the future with the recent opening of a new five million gallon a day water treatment plant, along with a new source of good water.

The plant and connecting supply system were designed for Harrisonburg by Wiley & Wilson, and included, in addition to the filter plant are a raw water intake and pumping station on the North River at Bridgewater.

The \$2 million plus project, financed by revenue bonds, has as its central component, the water treatment plant which stands on a hill overlooking Highway 33 just west of the city. The major source of water for Harrisonburg had for years been the Dry River, but this source was not adequate and was supplemented in emergencies by pumping from Silver Lake. The Dry River and Silver Lake sources were treated only by the addition of chlorine and fluoride. Now only fully treated water will be distributed to water users.

Untreated water is delivered to the plant through a new 20-inch pipe from North River or from the Dry River source. Chemicals are added and the water continues to mixers located at the rear of the settling basins. Action of the chemicals on small impurities in the water causes the formation of larger particles called floc, the majority of which settles out in the settling basins. A polyelectrolyte material is added in minute quantities to the water and this material strengthens the floc so it will not break up and pass through the filters.

The water then flows through rate filters which have beds of a special anthracite coal, silica sand and high density garnet sand, which moves the remaining floc. The flow of water through the filters is controlled by the piping and valving in the gallery. Filtered water is then chlorinated and stored in a large steel tank for treated water storage near the plant.

(Continued on  
page 66)





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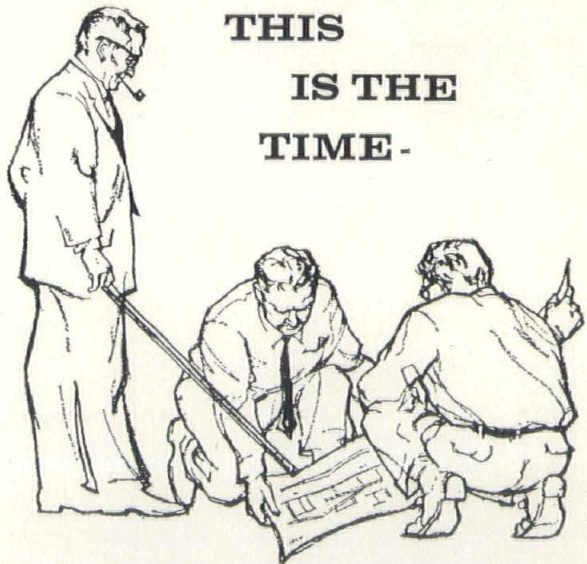
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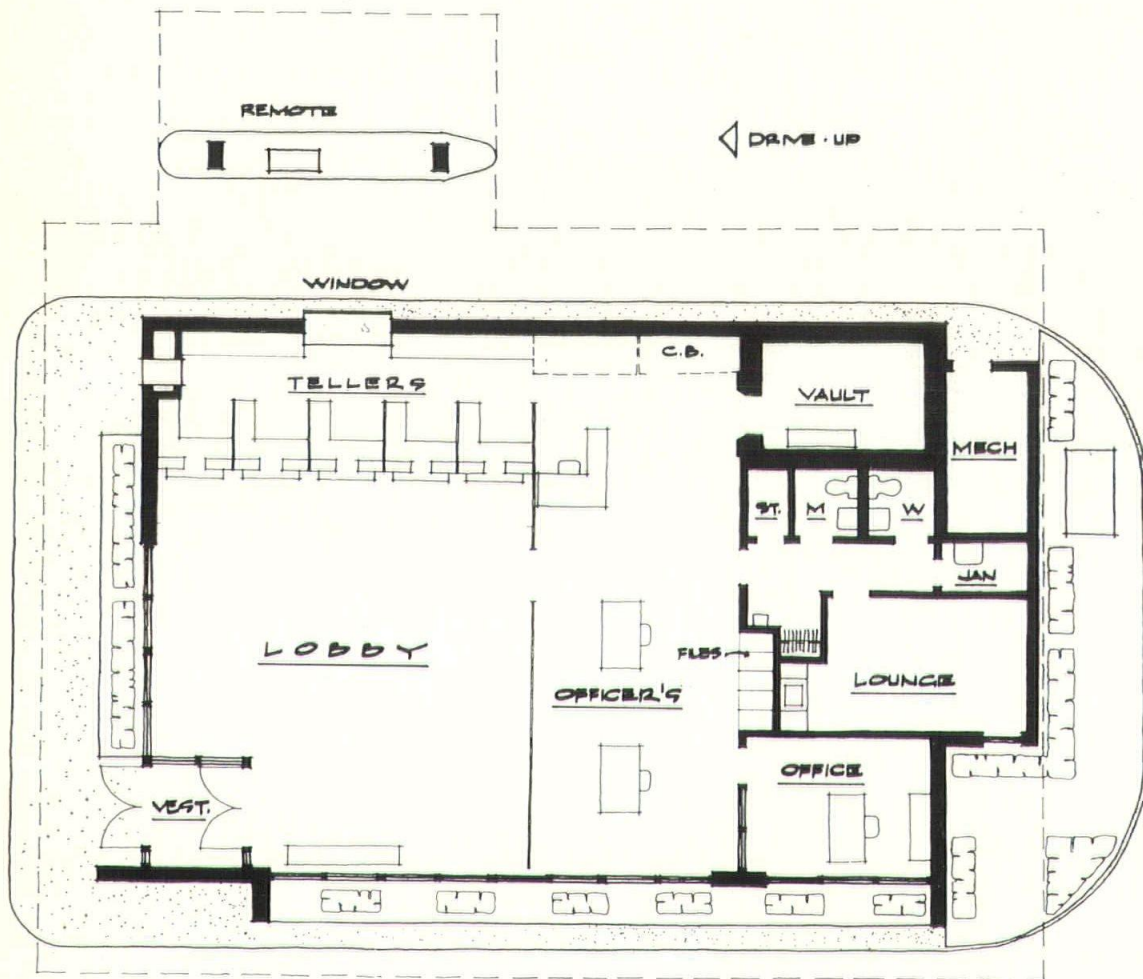


BYRON R. DICKSON — ARCHITECT

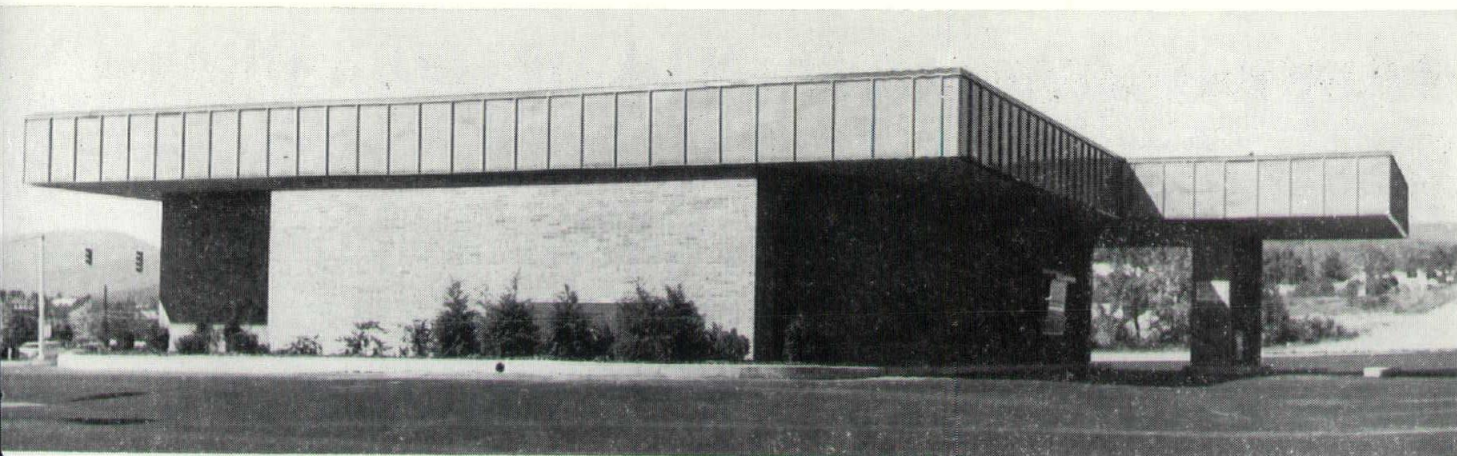
# NORTH 11 PLAZA BRANCH BANK UNITED VIRGINIA / SECURITY NATIONAL

EAST COAST DEVELOPMENT CORP.  
GENERAL CONTRACTOR

ENGINEERING AND INTERIORS  
BY THE ARCHITECT







THE rapid growth of the United Virginia Bank/Security National throughout the Roanoke Valley has brought about an urgent need for branch facilities which are economical, expeditious to construct and complementary to the Security National way of doing business.

The North Eleven Plaza Branch Bank is the second facility of its kind to be constructed in the area within the year. The base plan is considered a prototype, with modifications for each particular location to accommodate specific pedestrian, vehicular and terrain characteristics.

This branch facility is located where Peter's Creek Road joins Williamson Road in Northwest Roanoke County. The site occupies the front portion of the North Eleven Plaza Shopping Center.

The one-story structure is set back forty feet from Williamson Road, the

primary vehicular artery through north Roanoke. The main commercial grouping of the North Eleven Plaza is approximately two hundred feet to the rear of the bank. Thus situated between two formidable viewing points, the facility must present itself in a respectable manner for view from all directions. The need for omni-directional aesthetics prompted care to insure all exposures, regardless of orientation, were visually attractive.

The structural system is steel frame, bar-joists and metal deck. The primary exterior material is brick with glass and aluminum window walls. The continuous metal fascia is copper coated stainless steel. Exterior soffits are colored exterior stucco. In portions of the lobby, vestibule and manager's office, the brick is carried inside to serve as accent for the wall surfaces of vinyl and paint on framed drywall construction. Banking fixtures, doors and exposed trim in the lobby and officer's platform are of natural wood. Carpet is used as the primary floor material in public areas with selected applications of vinyl in high traffic areas. Conventional tile flooring is used elsewhere. All floor materials are applied to slab on grade.

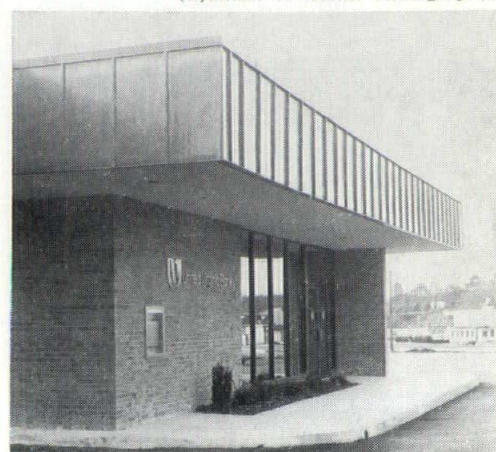
East Coast Development Corp. of Chapel Hill, N. C., was general contractor and handled foundations, structural wood and carpentry.

#### Subcontractors & Suppliers

From Roanoke were: Branch & Associates, Inc., excavating; Concrete Ready Mixed Corp., concrete; James R. Parker, masonry; Structural Steel Co., Inc., steel & steel roof deck; Valley Roofing Corp., roofing & insulation; PPG Industries, windows, window walls, glazing & weatherstripping; Leon Robertson, painting; Bill Harness, plastic wall finish; John H. Hampshire, Inc., acoustical, plaster & resilient tile; Airport Hardware, steel doors & bucks & hardware; and, Air-O-Matic, Inc., plumbing fixtures, plumbing, air conditioning, heating & ventilating.

Others were: American Furniture & Fixture Co., Inc., Richmond, paneling & millwork; & Oscar R. Chisom, Vinton, lighting fixtures & electrical work; and, Mosler Safe Co., Hamilton, Ohio, special banking equipment.

(Lynwood T. Atkins Photography)





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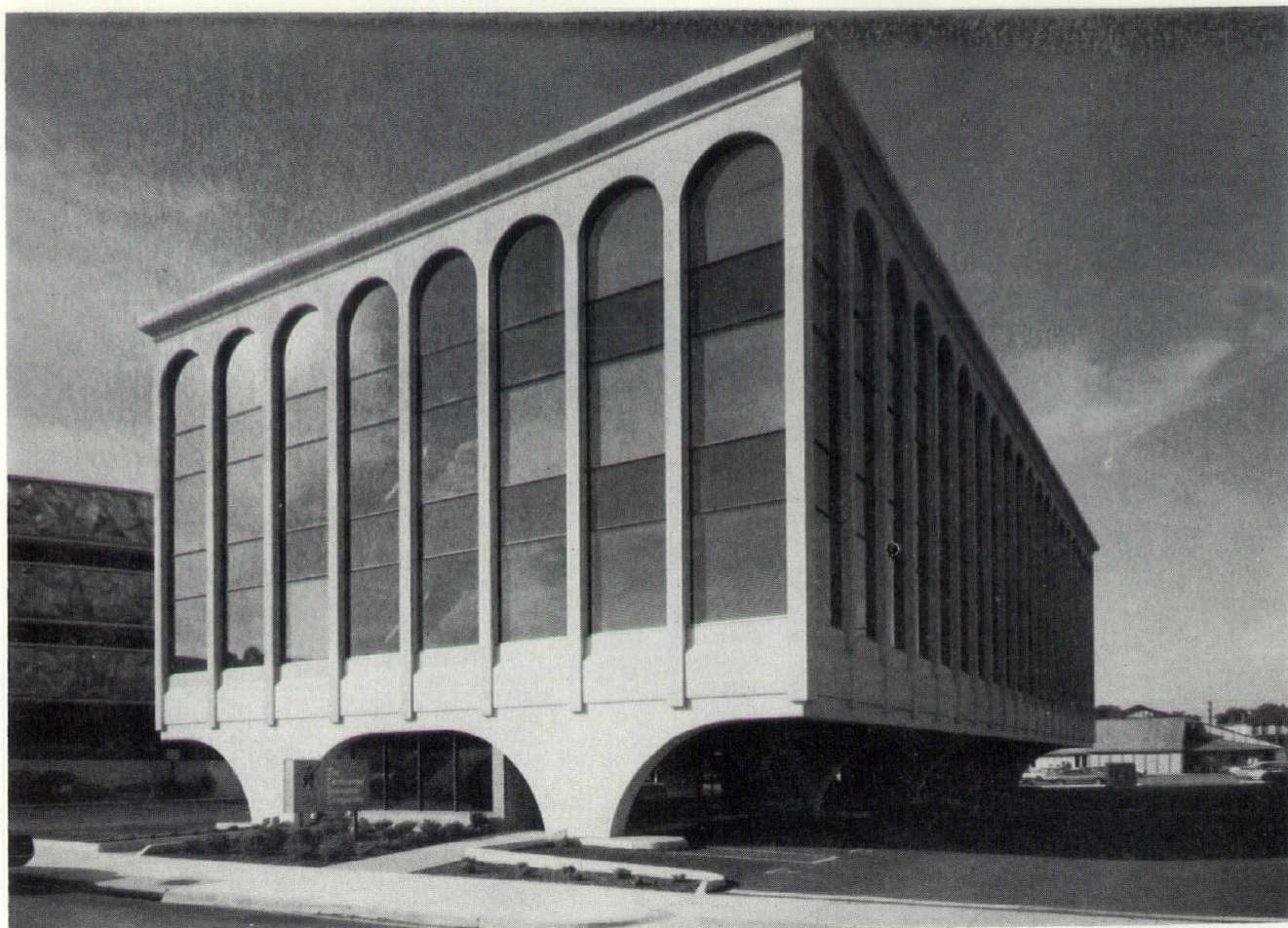
GENERAL CONTRACTORS

P. O. BOX 1000

VERONA, VIRGINIA







(Photo by James M. McElroy)

## EDWARD F. SINNOTT & SON, AIA — ARCHITECT CONTINENTAL INSURANCE COMPANIES OFFICE

DEADERICK & GOURLEY  
CONSULTING ENGINEERS

KJELLSTROM AND LEE, INC.  
GENERAL CONTRACTORS

**T**HE Continental Insurance Companies Building is located at 5206 Markel Road, Richmond, Virginia (Henrico County). This prime site in the Willow Lawn area required a little imagination and a lot of extra work because of its inherent problems. Many studies had been made for this site then abandoned when, first the Henrico County Drainage Engineer declared that Jordan's Branch (a major storm drainage creek) running diagonally through the site put it in a flood plain. Second, the site had been filled with debris and other unsuitable materials which would require caissons down to the level of bed rock to support any major structure.

So, first things first . . . the flood plain problem was resolved by having

designed a doubled 12' x 12' concrete box culvert and having same approved by the county for handling the quantities of water to control flooding. Now the building had to be supported on the box culvert with the transfer of the superimposed load of the building to the bed rock below the culvert.

Someone viewing the finished building would not be aware of the major project described above as it is now concealed beneath the paved parking area. However, these conditions materially affected the design of the building from the massive concrete arches at the base through the structural system topping out the roof.

The most interesting portion from a  
(Continued on page 67)





JOSEPH GRIGGS ASSOCIATES — ARCHITECTS

## RESIDENCE FOR ROBERT CANFIELD

W. W. COFFEY AND SON, INC.  
GENERAL CONTRACTOR

EMORY HIGGINS  
SUPERINTENDENT-ON-JOB

**A**NXIOUS to get away from the hustle and bustle of New York City life, Mr. and Mrs. Robert E. Canfield looked for a tranquil rural setting with suburban conveniences as a site for their retirement home. An old house standing on the crest of a hill four miles from Lexington seemed the perfect location for their future home. The seven acre site was well endowed with old oak and other shade trees, as well as numerous species of shrubs, some of which were later removed to allow for better growth of the remaining trees and for a more picturesque setting for the new home. An added

bonus was the fact that an old army buddy owned the adjoining property.

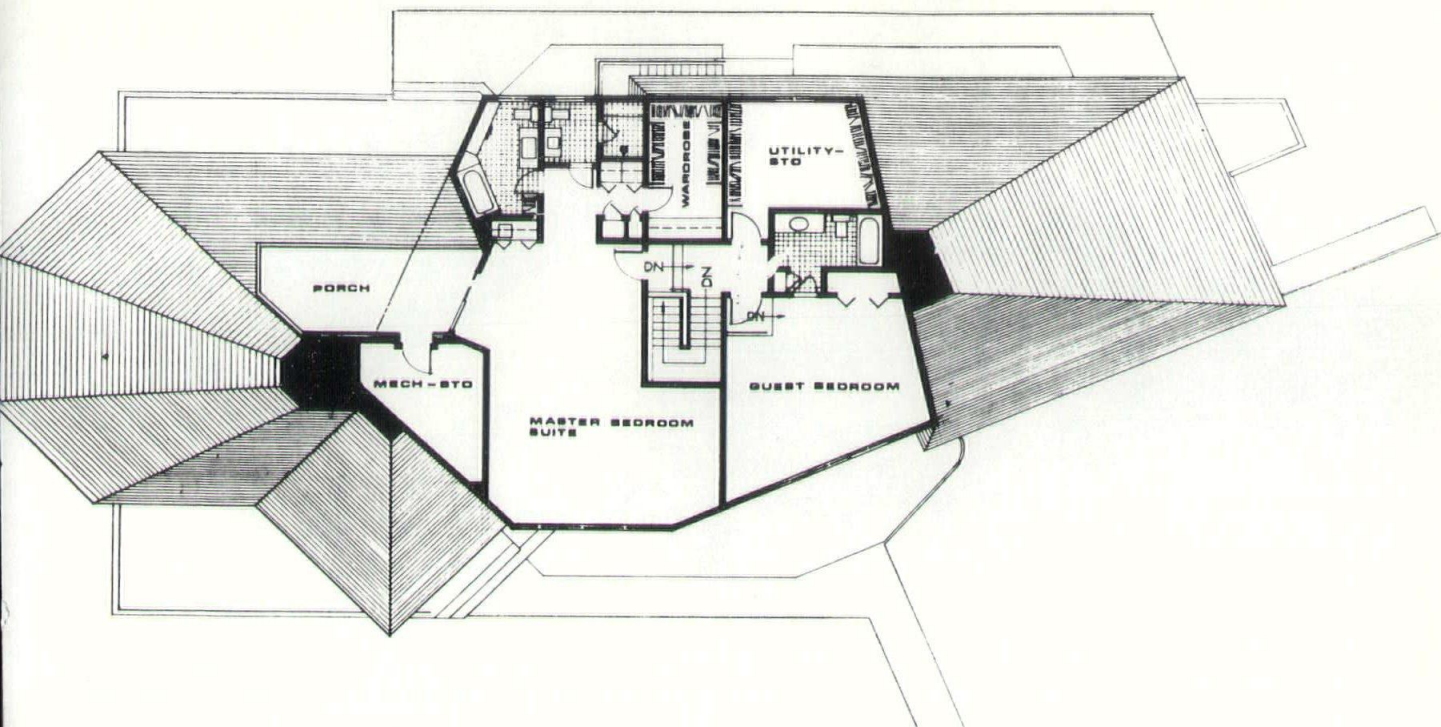
Clay & Griggs, Architects (now Joseph Griggs Associates) were selected as architects and there began months of consultations, sketches and decisions. It was decided to retain a part of the foundation and structural members of the old house and to build around them. J. Garry Clay and Rodrigo M. Belloso, working with Mr. & Mrs. Canfield, finally established the requirements for the type of life the Canfields would be living in their new home. The finished product is a unique contemporary home which

blends into the landscape and has become a showplace for the countryside.

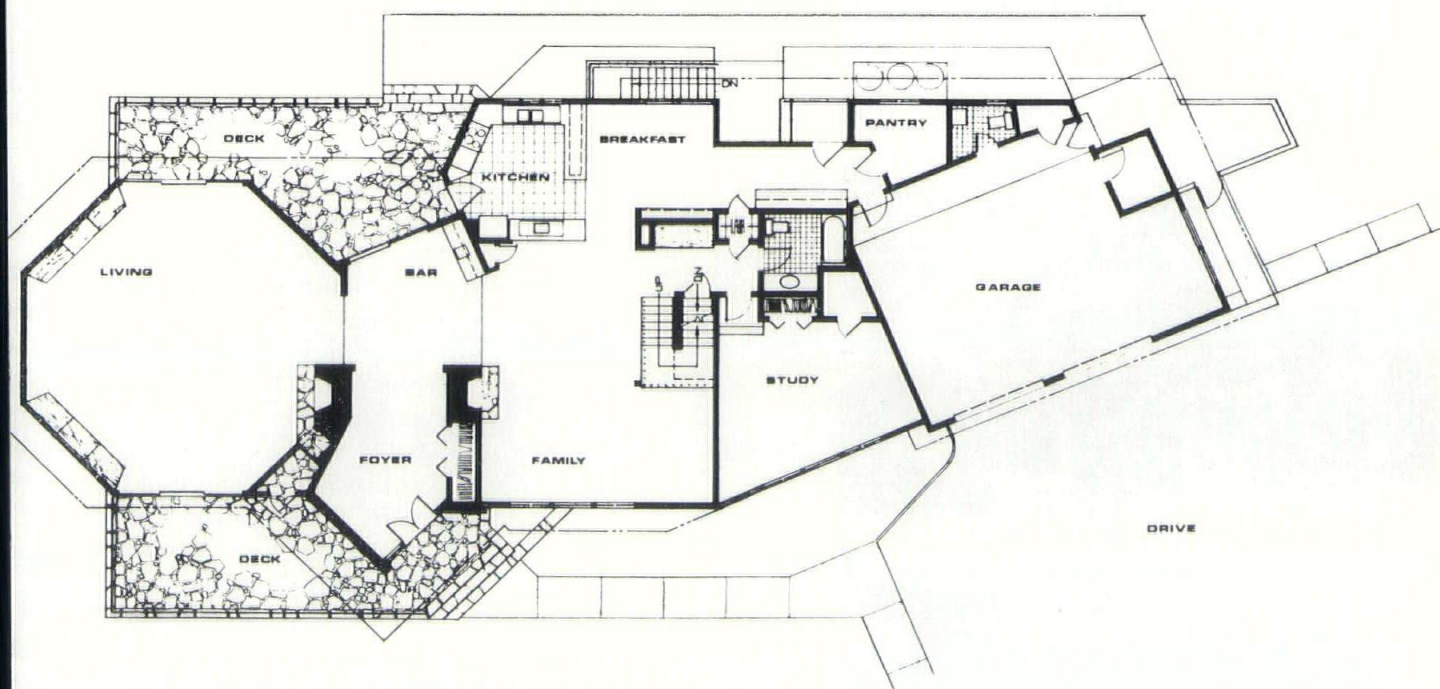
The approach to the house is through stone gateposts which are lighted with acrylic cubed lights. The 400 ft. paved driveway, with low lights on one side, leads to a landscaped parking area and turning area and garage.

The exterior appearance of the structure is a mass that caps the crest of the hill with great stability and extension of the hill itself. To complement the surroundings, stained rough sawn cedar and stone masonry were utilized throughout with large wind panels, casement windows and sliding





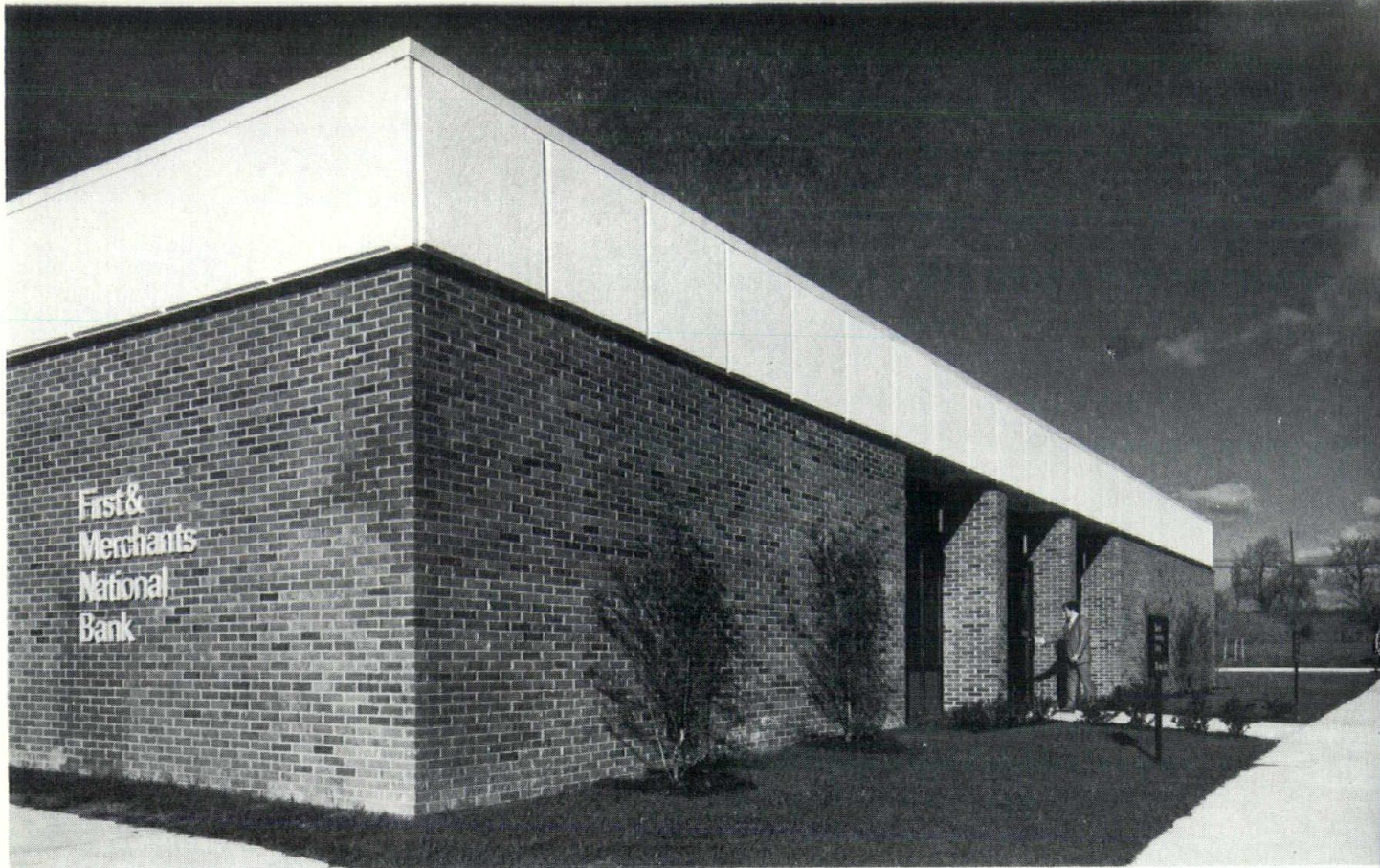
UPPER FLOOR  
LEVEL



MAIN FLOOR  
LEVEL

(Continued on page 69)



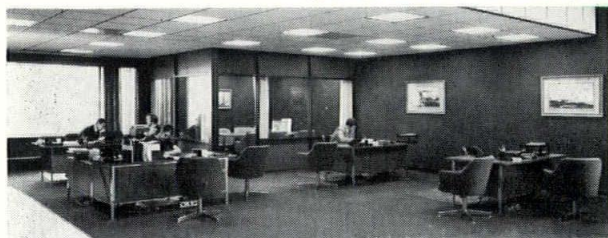


**CARNEAL AND JOHNSTON — ARCHITECTS-ENGINEERS**  
**FIRST AND MERCHANTS NATIONAL BANK**  
**Cloverleaf Mall**

**ROBERT M. DUNVILLE & BROS., INC. — GENERAL CONTRACTOR**



(Don Eiler's Custom Photography)



**A**s motorists approach Cloverleaf Mall on Route 60 (Midlothian Turnpike), the first thing they're likely to see is the blue and white logo sign at First & Merchants National Bank Cloverleaf Mall branch. Those motorists will also have no problem getting to F&M's branch since it is conveniently located between the two entrances to the Mall.

F&M became the first merchant in Cloverleaf when it opened the 42,000 sq. ft. branch in June 1972. The exterior of the building was designed to conform with the appearance of the Mall Shopping Center, and the interior was decorated along F&M's prototype interior finish guidelines.

Just as the branch stands free in the Mall's parking area, so its interior reflects open space. There is an informal customer lounge area near the glass entrance to the branch, and branch personnel are quick to point out the

(Continued on page 71)





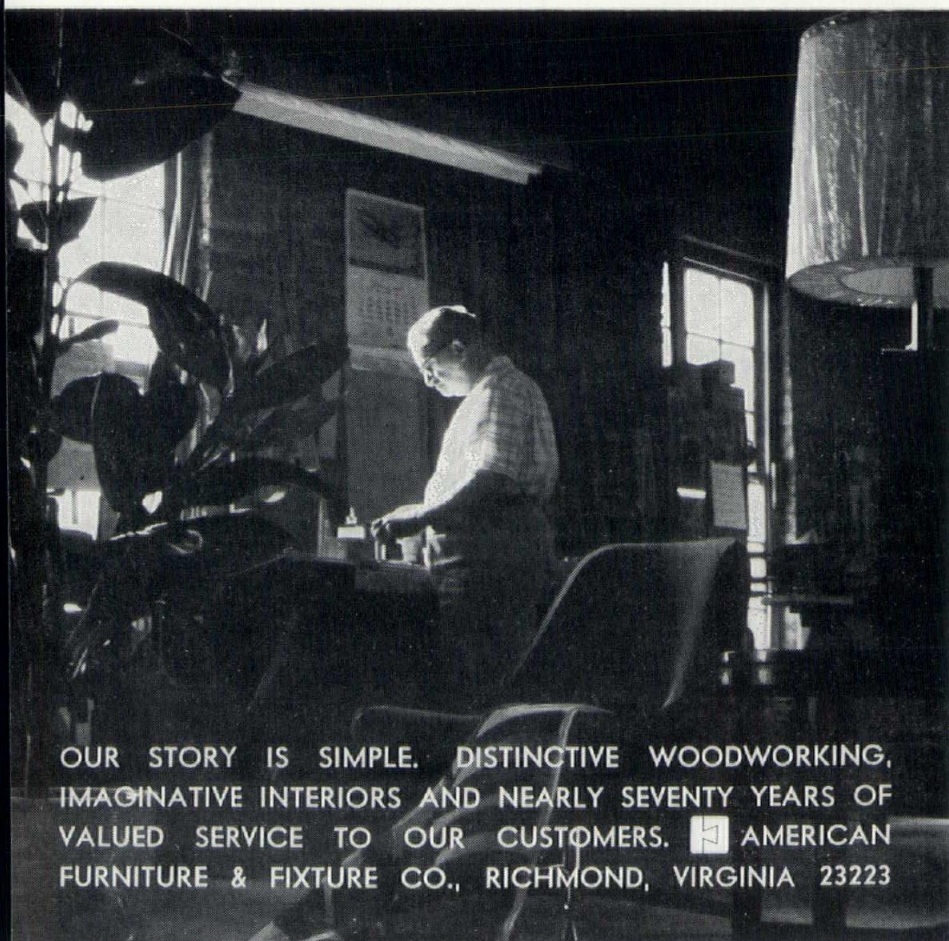
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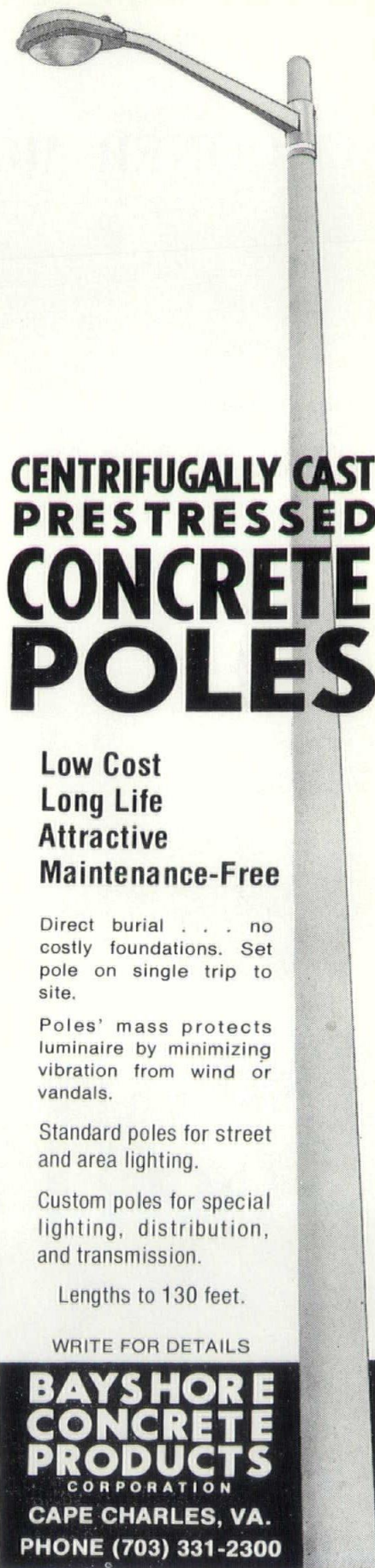
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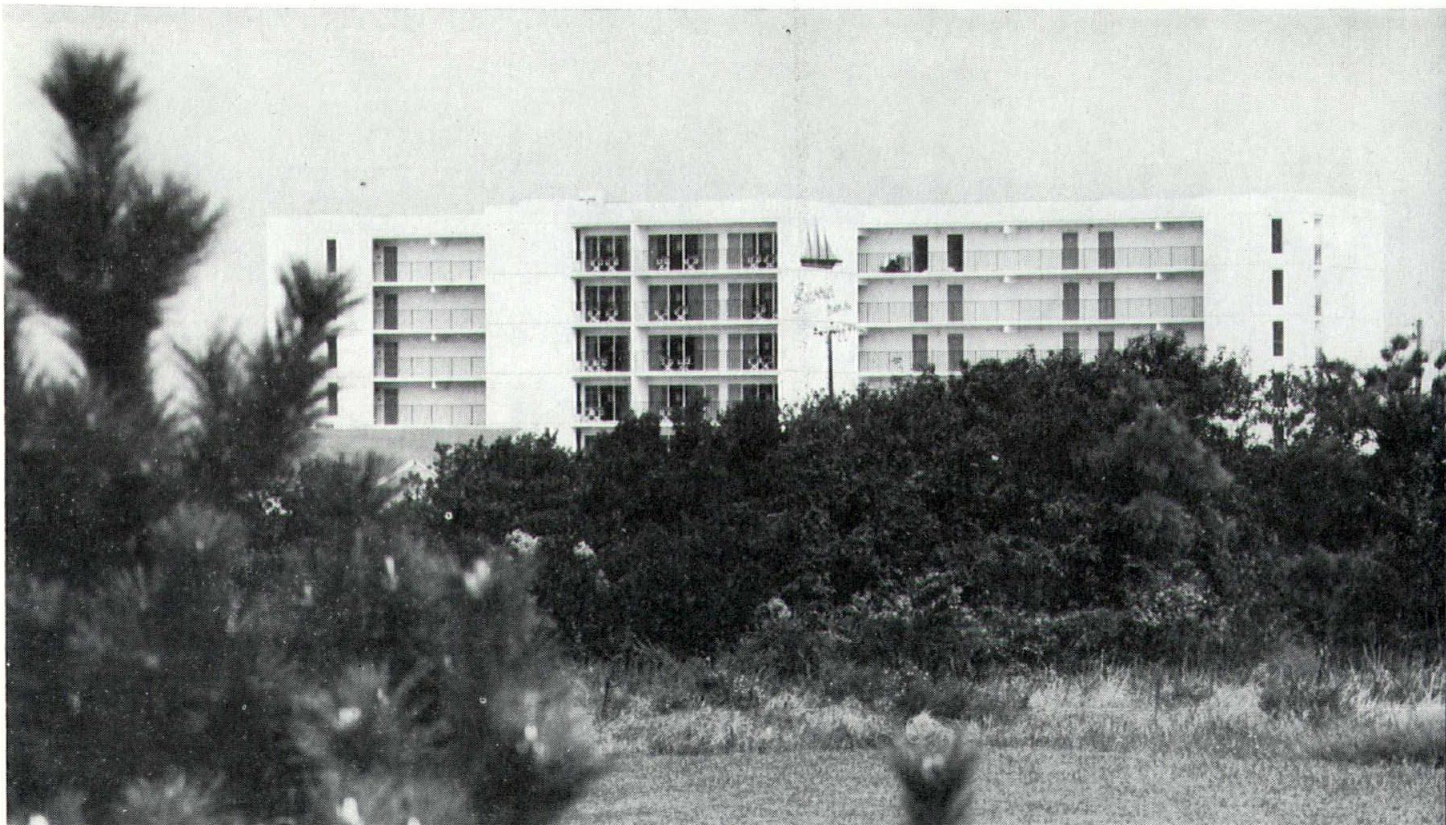


ARANYI, MURRELL & ASSOCIATES  
ARCHITECTS

# SCHOONER MOTEL—VIRGINIA BEACH

JOE D. GLENN  
CONSULTING  
ENGINEER  
STRUCTURAL

C. S. YODER  
&  
COMPANY  
GENERAL  
CONTRACTOR





**T**HE Schooner Motel is located on the south end of the Virginia Beach resort strip. This is the first structure of its type to be used for a motel at Virginia Beach. The building is constructed of pre-fabricated architectural, load-bearing concrete panels and pre-stressed hollow core concrete floor slabs (The Bison System) manufactured by Strescon Industries.

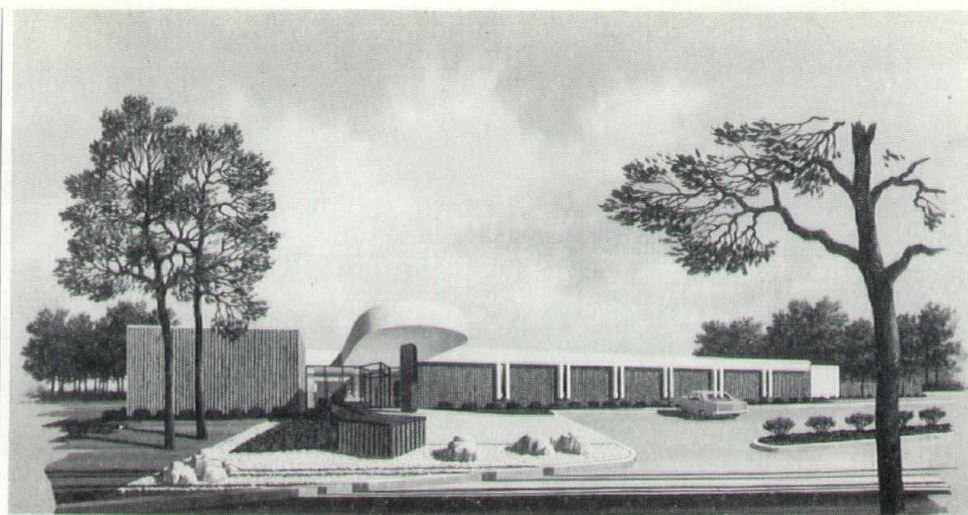
The owner/builder was in a hurry to open the facility in time for the summer tourist season and decided a pre-fabricated system would be necessary to meet the deadline. The building is six stories tall with 40 motel units and 40 efficiency units and parking underneath the second floor. The floor slabs span 27' bearing on every other partition affording an economy of structure as well as flexibility of floor plan.

Exterior wall panels are sandwich construction—a five-inch-thick structural layer and a five-inch-thick (3-inch solid plus 2-inch deep ribs) outer layer of architectural concrete. There is a two-inch styrofoam insulation between the concrete layers. Steel lined forms were used in casting the panels to produce a smooth finish. The architectural layer contains white sand and white cement to give a permanently white finish.

The load bearing walls at every other motel unit are 7" precast concrete panels. These load bearing walls take the wind stresses normal to the major axis of the building. The elevator and stairwell cores also have a stiffening effect.

The balconies on both sides are also precast. On the water side the bearing wall extends out to carry the balcony slab, doubling as a privacy wall. On the land side precast cantilever beams are bolted to the bearing walls. The first floor is almost completely open for parking. This has a secondary benefit of providing a view of the ocean. The supporting structure on the first floor is precast as well, con-

*(Continued on  
page 72)*



**ARANYI, MURRELL & ASSOCIATES  
ARCHITECTS**

**OFFICE BUILDING FOR  
TALBOT, WERMERS & ASSOCIATES**

**Virginia Beach**

EDWARD G. CARSON — LANDSCAPE ARCHITECT  
CHANDLER & GIBSON — CONSULTING ENGINEERS  
MECHANICAL & ELECTRICAL  
JOE D. GLENN — CONSULTING ENGINEER  
STRUCTURAL  
J. D. CHOATE, INC. — GENERAL CONTRACTOR

**T**HIS office building was designed for Talbot, Wermers & Associates, engineers, planners and surveyors.

Located near Lynnhaven in Virginia Beach, it has a facade of fluted concrete masonry units in a soft tan color, laid in a stacked bond pattern. This comparatively new material for exterior construction has a sculptured look with both interesting texture and strong vertical lines which add design interest.

The fascia, canopy and vertical window accents are made of rigid panels of expanded polystyrene with a finish of synthetic plaster material. This system gives the visual effect of stucco but is much lighter in weight and much more durable and less expensive. This will be one of the first uses of the material in this area.

As in many of Aranyi, Murrell & Associates' projects, they have coordinated their efforts with those of a landscape architect. This assures the client that walks, planting of all types,

and any outdoor benches, planter boxes, or sculpture will complement the design of the building. An interesting piece of sculpture has been commissioned by the client, and it will become the focal point of the covered entrance walk.

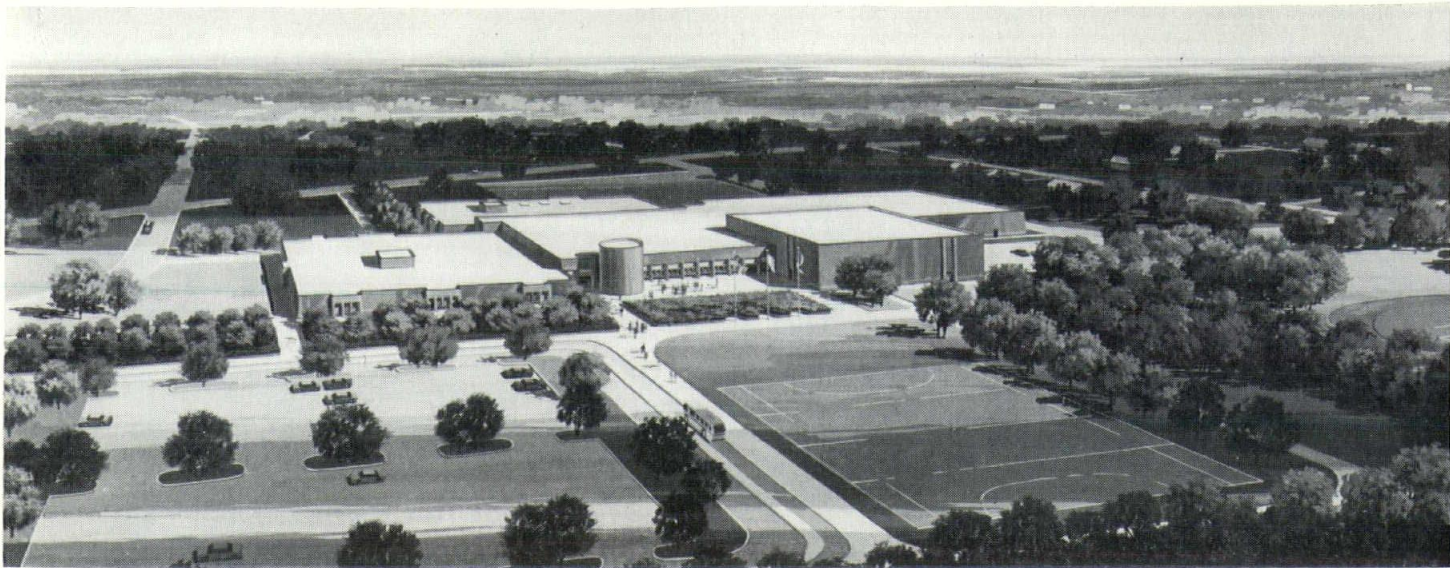
The building has an enclosed court with glass walls on three sides, adjacent to the entrance foyer. Therefore, the architects have also worked with the landscape architect on the planting of this interior space.

In addition to the offices provided, the new building houses a large engineering drafting room, a smaller drafting room for planners, and two conference rooms.

One of the design problems was that the site of this building is in an area where vandalism has caused some concern among property owners. The solution devised included long, narrow window openings instead of

*(Continued on  
page 73)*





**HEERY AND HEERY  
AND  
WILLIAMS AND TAZEVELL  
ASSOCIATED ARCHITECTS**

# MANOR HIGH SCHOOL

**W. M. JORDAN CO., INC.  
GENERAL CONTRACTOR**

**T**HE City of Portsmouth in an effort to achieve a successful racial balance within the city made the decision to construct a new high school on a 46 acre site at a time when financially the timing was perhaps not opportune. The structure was conceived as the largest of the city's high schools and designed to house 2,200 students.



Additionally it was designed to incorporate several community activities and services which otherwise could not have been provided because of the capital resource limitations of the city.

The field house was made as large as possible to accommodate athletic contests of other high schools. A branch of the public library was included with a sharing of support facilities by it and the school library. A small theatre was substituted for a costly auditorium and was designated as a permanent home for the Portsmouth Little Theatre. A planetarium for all the public schools in the city was also added to the structure.

Sitework and the structural framing were prebid and contracts awarded prior to completion of plans and specifications.

The plan is one of complete and open flexibility with demountable partitions on a modular grid. Acoustical floor covering complements the openness of the plan and provides a fine atmosphere for study and education. All walls—other than demountable partitions—are of jumbo brick thus avoiding maintenance problems in the future. Completely air conditioned this facility is operated 12 months of the year.

W. M. Jordan Co., Inc. of Newport News, was general contractor and handled foundations and concrete work.

## Subcontractors & Suppliers

From Norfolk were: Snow, Jr. & King, Inc., masonry; Globe Iron Construction Co., Inc., steel & steel roof deck; Roof Engineering Corp, roofing; Walker & Laberge Co. Inc., windows, window walls & glazing; and, Seaboard Paint & Supply Co., hardware.

Newport News firms were: Pompei Tile Co., Inc., ceramic tile & resilient tile; Perry Electric Co., Inc., lighting fixtures & electrical work; and, Warwick Plumbing & Heating Corp., plumbing fixtures, plumbing, air conditioning, heating & ventilating.

And, from Portsmouth were: J. H. Steen & Son, Inc., painting; and, A. D. Stowe, plaster.



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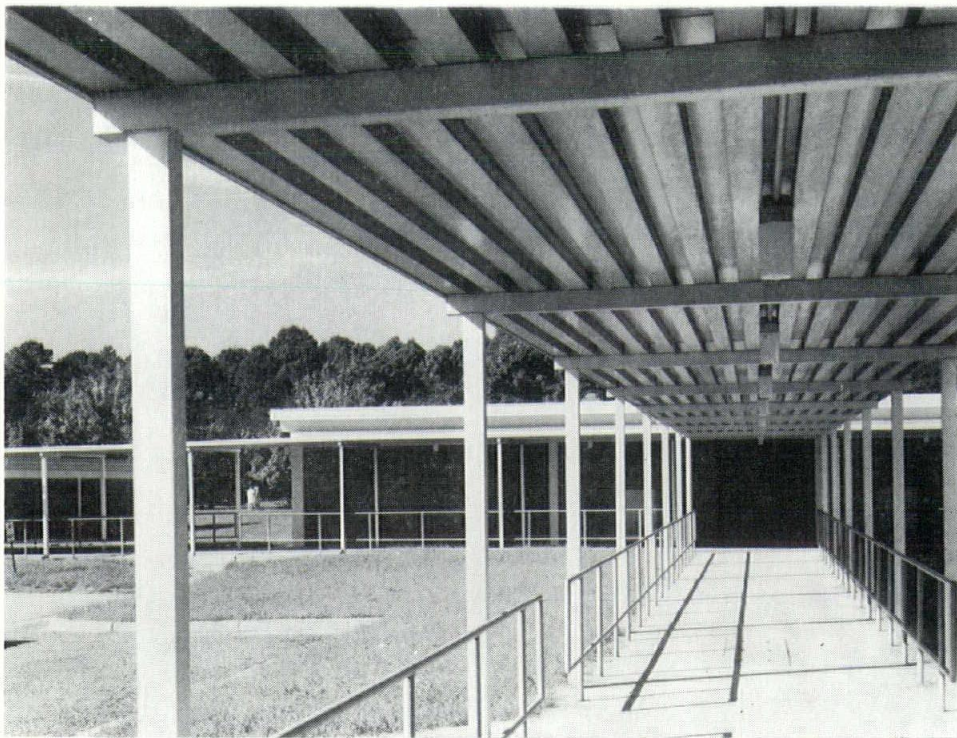
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**BEN R. JOHNS, JR. — ARCHITECT**

## **GERIATRIC COMPLEX — EASTERN STATE HOSPITAL**

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INTERIOR DESIGN  
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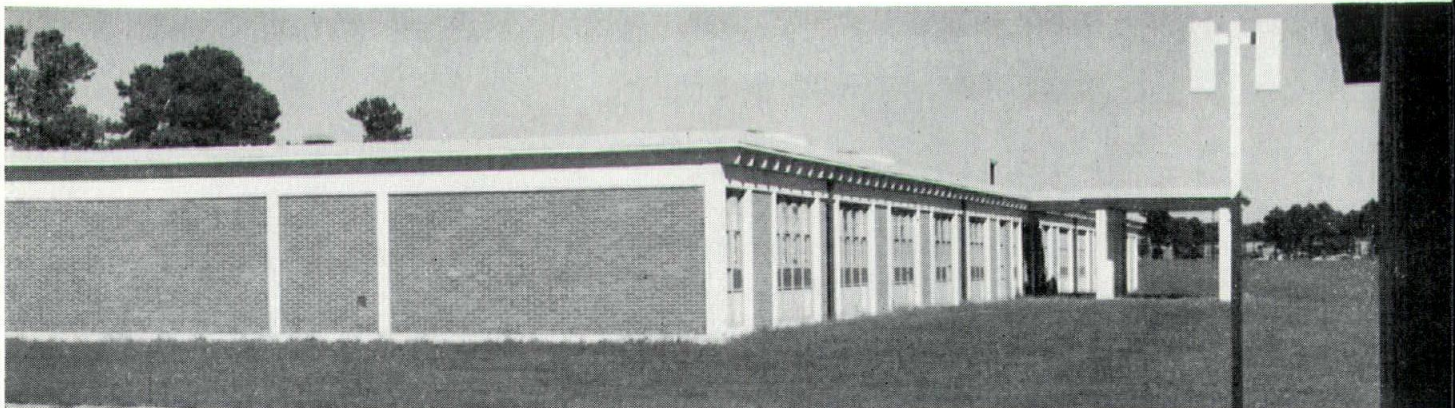
**T**HE Geriatric Complex at Eastern State Hospital was designed to accommodate approximately six-hundred geriatric patients who are either bed patients or who are physically and/or mentally incapable of walking short

distances except with assistance. The complex consists of three ward buildings, 200 beds each, an infirmary building, with a capacity of approximately 50 patients, and a kitchen building.

Prior to the construction of the geri-

atric complex, the patients were housed in buildings which were not designed to handle this particular type of patient. The result was that service and care was far more difficult, time consuming, and uneconomical than in the

(Photos by James M. McElroy)





new buildings designed for their care. Also by constructing geriatric units for these feeble patients, bed space previously occupied by this type of patient is now utilized by ambulatory patients.

The complex is composed of one-story fireproof buildings closely related to one another so that designated personnel may quickly move from one unit to either of the other two as their duties may require. All of the buildings are connected by covered walkways. All walkways and entrances to the buildings are designed free of all obstructions to provide ease of movement and accessibility for wheelchair patients.

Each of the air conditioned, odor-controlled ward buildings are designed to include four ward units, each unit consisting of 50 beds. Each 50-bed unit is supervised by a centrally located nurses' station. The ward areas are designed with wainscot-high partitions separating bed alcove areas. Nurses' stations provide work counterspace and storage for medicine and narcotics. Between each two nurses' stations is a combination dayroom, occupational therapy room, and library. Also included are a serving pantry, central toilet and bath areas, and examination and treatment rooms.

The kitchen building receives bulk food prepared at the main kitchen and further divides the food into individual servings and/or special diets for delivery to each nursing unit in each ward building. The food is transported to each ward unit by temperature-controlled carts and the food remains at a designated temperature until served.

Interior color schemes were designed with the use of vivid color combinations to provide mental, as well as physical, stimulation. More muted tones are prevalent in public and supervisory areas.

The three ward buildings minus one wing of one building and the kitchen building were constructed prior to the construction of the infirmary building. The construction of the infirmary building was delayed due to insufficient funds being available for the entire project to be constructed at the same

time. The infirmary building was occupied in 1970.

Silas S. Kea & Sons Co., of Ivor, was general contractor for the project.


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Tom Jones Hardware Co., Inc., hardware.

Others were: M. D. Knox, Emporia, masonry; Campostella Builders & Supply Corp., Norfolk, carpentry & millwork; Shaw Paint & Wallpaper Co., Inc., Newport News, painting & plastic wall finish; Pompei Tile Co., Inc., Newport News, ceramic tile; R. L. Thompson, Inc., Smithfield, electrical work; R. Hugh Haynes, Inc., Williamsburg, plumbing, air conditioning, heating & ventilating; Ajax Co., Inc., Norfolk, marble; and, St. Charles Mfg. Co., St. Charles, Ill., hospital casework.

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## FOR THE RECORD

### Barth Appointed By Waco

W. M. Walker, President of Waco Insulation, Inc. and Waco Insulation of Tidewater, Inc. has announced the appointment of George G. Barth as vice president and general sales manager of both firms.

Mr. Barth is a graduate of Baylor University, Waco, Texas and was formerly associated with the Keene Corporation, Princeton, New Jersey as general sales manager of their industrial insulation division.

Waco Insulation and its affiliate maintain offices in Richmond, Newport News, Norfolk and Keyser, West Virginia and are the largest distributor-contractors of industrial insulations in Virginia.

### Highway Department Names Skeens

James K. Skeens, 40, resident engineer for the Virginia Department of Highways in Warrenton, has been promoted to assistant urban engineer in the department's central offices in Richmond.

Skeens succeeds J. G. Ripley, who was promoted November 1 to urban engineer to fill the vacancy left by the retirement of L. O. Bolton.

Skeens, a Roanoke native, was graduated from Virginia Tech with a civil engineering degree in 1954. After serving two years with the Army Corps of Engineers in Germany, he went to work for the Highway Department in 1957 in its Salem District.

Skeens left the department briefly for a job in private industry, then spent a second tour of active duty in the army in 1964, after which he returned to the Highway Department and became assistant resident engineer at Wytheville. He has been resident engineer at Warrenton for the past six years.

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### Virginia Association of Traffic Engineers

At their recent annual meeting in Lynchburg, Virginia, the Virginia Association of Traffic Engineers elected officers and directors for the new year. Shown seated are left to right, C. H. Barnes, Lynchburg, Secretary-Treasurer; R. G. Corder, Richmond, President; W. C. Nelson, Jr., Richmond, Past President; M. S. Hollis, Richmond, Vice-President; and standing left to right, L. H. Terry, Lynchburg, Director; and J. L. Thomas, Staunton, Director. Not shown, R. E. Campbell, Richmond, Director; and W. S. White, Richmond, Director.

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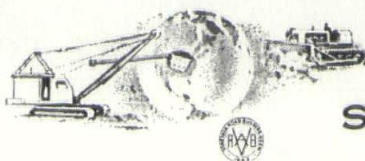
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## Further Changes in Highway Department Engineers

• Moody B. Vann, resident engineer for the Virginia Highway Department's Sandston residency since 1967, has been promoted to assistant construction engineer in the department's central offices in Richmond.

He will be succeeded at Sandston by James G. Browder, assistant resident engineer for the agency's Fredericksburg residency. Browder, in turn, will be succeeded at Fredericksburg by J. F. Gates, a construction project engineer.



VANN

The changes, announced January 24, stem from the recent promotion of Fred G. Sutherland, former assistant construction engineer, to chief bridge engineer for the Highway Department.

Vann, 50, is a native of Rocky Mount, N. C. He was graduated from Pulaski High School and took courses in highway engineering from the International Correspondence School and has taken short courses in engineering and management.

He joined the Highway Department as a construction inspector in the agency's Salem District in 1947. He became an assistant resident engineer for construction matters in the Richmond District in 1956, was assigned as assistant resident engineer at the Sandston residency office in 1963, and became resident engineer four years later.

Vann is married to the former Dorcas Hurst of Pulaski, and they are the parents of one son. Vann is a veteran of air force duty in World War II, is a Mason and a member of the American Legion and belongs to the New Bridge Baptist Church in Henrico County and the Henrico County Industrial Cooperative Training Committee.

As assistant construction engineer, Vann will have direct responsibility for

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the department's construction work in the state's Culpeper highway district, which includes the heavily urbanized Northern Virginia region.

Browder, his successor as resident engineer at the Sandston office, is a 29-year-old native of Dolphin in Brunswick County. Browder was graduated from Virginia Military Institute with a bachelor of science degree in civil engineering in 1966.

He joined the Highway Department's graduate engineer training program immediately afterwards. His work in that program was interrupted by two years' army duty, then he returned to the training program, completing it and being promoted to assistant resident engineer at Fredericksburg in November, 1970.

Browder is married to the former Doma Daniel of Alberta, and they are the parents of two daughters. He is an associate member of the American Society of Civil Engineers, and is a captain in the army reserve.

In his new position, Browder will be responsible for the Highway Department's operations in Henrico, Charles City and New Kent Counties. State road mileage in those counties totals some 575 miles of interstate, primary and secondary highways.

Browder's successor at Fredericksburg, Gates, is a 39-year-old native of Glade Spring in Washington County. He attended Emory and Henry College and took highway engineering courses from the International Correspondence School.

Gates joined the Highway Department as a construction inspector in 1956, and was promoted to project engineer in 1967. His most recent assignment has been as project engineer in the Fredericksburg District.

Gates is married to the former Eleanor Wolfe of Glade Spring. They are the parents of two daughters. Gates is an air force veteran.

In his new position, he will assist in directing the Highway Department's operations in Spotsylvania, Stafford and King George Counties. The department has responsibility for approximately 1,050 miles of interstate, primary and secondary roads in those counties.



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# Speakers at CSI's 17th Annual Convention

• Speakers selected for The Construction Specifications Institute's 17th Annual Convention, June 25-27, Washington, D. C. combine immeasurable years of expertise and practical application as foundations for their presentations in the technical program developed for the convention.

John C. Fleck, FCSI, President of the Institute, will be the opening speaker. Fleck, a long-time member of the Institute, has been active in all phases of the construction industry in his native state of Indiana and on the national scene. He has been instrumental in securing the passage of much needed legislation improving the structure of the construction industry in his home state.

Robert E. Vansant, FCSI, another speaker, is a current Institute Vice President and also a long-time Institute member. Vansant has been closely involved with the Institute's technical documents program in recent years.

Robert L. Petterson, FCSI, is the Chairman of the Institute's Technical Documents Committee and Secretary of Production Systems for Architects and Engineers (PSAE), developers of MASTERSPEC.

Harold L. Olsen, FCSI, is an active CSI member and serves as a strong liaison link with Joint Committees of Consulting Engineers Council/US and from his work documents have been developed on mechanical symbols and abbreviations using the CSI Format for Civil Engineering projects and many others.

John P. Jansen is a CSI member associated with the firm Gruzen and Partners, New York. He was the Executive Director of the New York State Council on Architecture and was instrumental in the acceptance by New York State of the CSI Format for all state supported construction.

W. G. Kirkland, AISI, has been active for many years in the activities of ANSI and in the development of their standards. He has also served on many joint committees related to the metal industries.

Leroy C. Gilbert is an Honorary Member of CSI and has a long-time association with ASTM. He has been cited for his widespread contributions on standards in the construction industry and is regarded as one of the indi-

viduals responsible for the present national acceptance of ASTM literature as the standard on construction materials.

Carl Bauman is the Executive Director of the American Association of Architectural Hardware Consultants. Through his efforts ASAHC is working with CSI in the development of standard nomenclature schedules and specifications for hardware.

Douglas W. Day is an active member of CSI, Chairman of the Institute's Information Systems Committee and associated with Stone and Marraccini, San Francisco.

Joe D'Amelio, a member of the Institute's Information Systems Committee, has long been active in liaison with the construction industry on product

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information and classification in his work with Sweet's, McGraw-Hill.

John Baldwin, CSI, a past president of Producers' Council and a speaker at the Institute's 1972 convention is Manager, Contract Specifications, Armstrong Cork Company.

Berle E. Larned, II, is a product manager with Information Handling Services, Inc. and directly involved with the CSI SPEC-DATA® II program.

Larry G. Fisher, CSI, is chairman of the Institute's Education Committee and involved as an educator in the western United States.

C. Herbert Wheeler, Jr., CSI, Professor of Architectural Engineering, Penn State University, is a well-known lecturer and contributor to many professional journals including The CONSTRUCTION SPECIFIER.

Jack R. Lewis, FCSI, a past president of the Institute and involved in education on the West Coast, also currently writing a textbook on specifications.

Ben F. Greenwood, FCSI, a past president of the Institute and for a long

time involved with the Institute's technical documents program.

Marvin Martin, CSI, a member of the Institute's Technical Documents Committee and long involved in technical activities of the Knoxville Chapter, CSI.

Arthur J. Miller, FCSI, Immediate Past President, CSI, a registered engineer in six states and active in the Institute's technical documents program.

Ron Soren, associated with Black and Veatch, Kansas City.

Charles Meurer, a consulting engineer active in CEC/US and chairman of the Joint CSI-CEC/US committee on The Format for Civil Engineering Projects.

George S. George, CSI, a member of the Institute's Technical Documents Committee and an engineer in Boston.

Robert G. Burkhardt, FCSI, active in CSI for many years, a past chairman of the Institute's Jury of Fellows, and active engineer and deeply involved in The Construction Industry Affairs Committee, Chicago.

Larry C. Dean, FCSI, an Institute Vice President, Chairman of the 1973

Convention Program Committee and long active in the affairs of the Institute in many areas.

George T. Heery, AIA, President of Heery and Heery, Atlanta.

Thomas R. Hollenbach, Administrator, Technical Programs, CSI.

John C. Anderson, FCSI, a past president of the Institute and currently President, The Construction Sciences Research Foundation.

Arthur W. Brown, FCSI, a past president of the Institute, long active in all phases of Institute activity and last year served as the Chairman, First International Congress on Construction Communications which convened in Rotterdam, The Netherlands and was co-sponsored by CSI.

Wayne Watson, President, Specification Writers Association of Canada and deeply involved in Canadian participation in the development of the Uniform Construction Index.

Terrell R. Harper, FCSI, a past president of the Institute, Chairman of the Institute's Silver Anniversary Commemorative Committee and long involved in all phases of CSI activity.

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## Reston Opens Second Village Center

A 16th Century Elizabethan Renaissance festival marked the dedication and grand opening of Reston's second village center, Hunters Woods Village Center, December 2, 1972.

Hunters Woods Village Center is designed to provide residential, commercial, business, recreational, religious and medical services for a population of 20,000. The village center includes townhouses, apartments, a community medical facility, a site for a 24-unit high-rise rental building for senior citizens, a site for a community building, recreation and athletic fields, several medical suites, an area for child recreation, a site for a church, an ice skating rink, a service station, and a complete covered 109,000 square foot shopping mall featuring 50 shops and boutiques including a full-line Safeway and a Drug Fair.

Performances by five metropolitan Washington, D.C. theatrical troupes in a recreated Elizabethan stage highlighted the day's activities which also included a formal dedication for the new Hunters Woods Village Center shopping mall and a traditional Christmas tree lighting ceremony at dusk.

Hunters Woods Village Center merchants, dressed in authentic 16th Cen-

tury garments, named their 109,000 square foot covered shopping mall "Spendpenny Lane" for the event and converted it into a typical bustling and boisterous Renaissance Ha'Penny Market featuring wandering jugglers, street vendors, rogues, townsfolk, hawkers and street musicians.

Hundreds of Reston and Washington area residents, many dressed in Elizabethan period costumes, watched as the Folger Theatre Group (affiliated with the Folger Shakespeare Library, Washington, D.C.) performed scenes and songs from "Twelfth Night," vignettes and music from the rock musical, "Dionysus Wants You," and scenes from the current production at the "O" Street Theatre, "Senior Prom."

The theatre Arts Company of Federal City College, Washington, D.C. performed two, one-act plays by Ted Shine, "Contribution" and "Shoes."

Shirl's Puppets, of the Little Theatre of Alexandria, performed several Punch and Judy Shows.

The Georgetown University Theatre, Washington, D.C. performed scenes and songs from the Gilbert and Sullivan Opera, "Patience."

Contact Africa of Howard University, Washington, D. C. performed

special dance, drama and musical exhibitions from their Africa Culture Program.

William H. Magness, President of Gulf Reston, Inc., developers of the new town of Reston; Virginia State Senator, Charles L. Waddell of western Fairfax and Loudoun Counties; and town officials dedicated the new Hunters Woods Village Center shopping mall. The entire day's activities were culminated with a traditional Christmas tree lighting ceremony. Ornaments for the 20-foot Christmas tree, cut from Gulf Reston's own nursery, were made by the children of Reston.

A traditional Santa Claus House was provided by the Washington, D.C. Chapter of the National Cystic Fibrosis Research Foundation.

Producer-director affiliated with the Folger Theatre Group, Jack Hofsis, stated that, "The Hunters Woods Village Center festival provides a unique opportunity for a wide variety of inner-city talent to appear for the first time on the same stage. Because this is the first time such a diverse group of talent has ever been brought to the suburbs," he continued, "it is fitting that Reston be the location because of this community's cultural heritage and universal interest in the arts."

Mrs. Patricia Falkenhagen, spokeswoman for the Hunters Woods Village Center Merchants Association stated, "we are all extremely pleased to participate in this festive grand opening ceremony and believe that this cultural approach to the opening of the Hunters Woods Village Center has been both fun and educational for everyone."

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## Edmonds Promoted By Chesapeake Corp.

• Garland T. Edmonds of West Point has been promoted to manager of manufacturing of The Chesapeake Corporation of Virginia, according to a January announcement by E. L. Dozier, vice president-production.

Edmonds will be responsible for operations in the power plant as well as in the pulp and paper mills. Formerly he held the title of general manufacturing superintendent with responsibility for the latter two divisions.

Edmonds is a native of Richmond and a graduate of Thomas Jefferson High School. After Army service at the close of World War II, he attended V.P.I., graduating in 1951 with a B.S. in civil engineering. He joined Chesapeake in 1952. He was promoted in 1964 to paper mill superintendent and in 1971 to general manufacturing superintendent.

He and the former Nancy P. Shaner of Richmond have a young son and daughter. The family attend West Point Baptist Church. Mr. Edmonds has been active in the Jaycees and West Point Country Club. He is a member of several honor societies and professional organizations in the paper industry.



## Wiley and Wilson Name Associate

• Otho E. Craft, Jr., a professional engineer, has been named an associate member of Wiley & Wilson, Inc., engineers architects and planners of Lynchburg, Richmond and Virginia Beach.

Craft, who joined Wiley & Wilson in 1969 as a design engineer after seven years with a Roanoke architectural and engineering firm was graduated from Virginia Polytechnic Institute in 1960 with a B.S. Degree in Civil Engineering. He is registered as an engineer in Virginia and West Virginia.

Transferred to Richmond as head of the branch office civil engineering department in May of 1971, Craft was reassigned to Lynchburg and promoted to head of the main office civil engineering department in May, 1972.

Craft lives at 203 Winding Way Road in Lynchburg with his wife and two children.

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## Southern Interstate Nuclear Board Meets March 25-28 at Williamsburg

• Nuclear technology and energy generation in the South will be the theme of the Southern Interstate Nuclear Board's 11th annual meeting this spring. Virginia Governor Linwood Holton and the Commonwealth of Virginia will host the meeting of the Southern Governor's nuclear representatives March 25-28, 1973 in Williamsburg.

Governor Holton, Robert J. Blackwell, Assistant Secretary of Commerce for Maritime Affairs and other nationally prominent speakers will address the conference. Talks and panel discussions, open to the public, will cover the specific topics of: Balance of nuclear energy growth and the environment, nuclear maritime propulsion, Southern States' governmental involvement in nuclear technology, and nuclear manpower training. The energy crisis will be given special attention at the meeting.

Board members from the 16 member states and Puerto Rico will attend as will President Nixon's appointee, the Honorable Sterling Cole, Federal representative to the board. Mr. Cole was chairman of the Joint Congressional Committee on Atomic Energy and the first Director General of the International Atomic Energy Agency in Vienna, Austria. Interested legislators, government agency and industry representatives and educators will attend.

Three nuclear power plants are currently operating in three southern states, Virginia, South Carolina, and Florida. The Southern region has ap-

proximately 50 nuclear plants planned, comprising almost 40% of all nuclear utility power planned for the nation. With the exception of TVA, Virginia, with a total of eight reactors scheduled, will have one of the largest number of nuclear plants among states within the Southern region.

The Southern Interstate Nuclear Board is an interstate compact which serves as a scientific and technical arm of the Southern Governors' Conference. It conducts programs covering broad aspects of the nuclear and space industry. SINB provides for information dissemination among the Southern States on interstate problems and their potential solution.

The board is now completing a legislative service package by which state legislators will be given special program services by the board. It recently has become more involved with the environmental aspects of man's applications of science, especially in the nuclear field.

Information on the conference may be obtained by contacting: Dr. Herbert O. Funsten, Department of Physics, College of William and Mary, Williamsburg, Virginia 23185.

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# Schoolfield Bank & Trust Co. Announces Officer Promotions

Joseph A. Thomas and Mrs. Imogene J. Harris of the Schoolfield Bank & Trust Company in Danville, have received officer promotions and been named to management posts at the bank's third area office, which is expected to open for business in March of this year. The announcement was made by Frank W. Mobley, Jr., bank president.

Construction of the new bank facility on Westover Drive — about 1.5 miles west of Danville in Pittsylvania County—was started in August of last year. Hughes and Dalton Construction Co., of Danville, is the general contractor.

Mr. Thomas has been promoted to assistant vice president and will be manager of the new Westover branch. A native of Danville, he has worked in the loan department of Schoolfield Bank & Trust's main office since 1968. He was graduated from high school in Clarksville, Ind., and served four years with the Coast Guard in Norfolk. In Danville, he is a member of the Loyal Order of Moose and the Westover Sertoma Club. He is married to the former Patricia Vaden of Danville.

Mrs. Harris has been promoted to assistant cashier and will be assistant

manager of the Westover branch. She has worked in the banking field in Danville for over 15 years and joined Schoolfield Bank & Trust in 1959. Mrs. Harris is a graduate of George Washington High School in Danville, and has completed several courses offered by the American Institute of Banking. She and her husband, Bernard G., have two children.

Headquartered at 1017 West Main St. in Danville, Schoolfield Bank & Trust also operates a branch at the corner of Ridge and Patton Streets in the downtown city area. Originally founded as an industrial loan firm in 1951 by the late T. Mastin Collie, the bank received its commercial banking charter in 1957 and joined the First Virginia Bankshares group in March 1972. The bank has total assets in excess of \$22 million.

First Virginia Bankshares is a registered bank holding company headquartered in Fairfax County. There are 21 member banks which operate 140 offices in 60 counties, cities and towns throughout Virginia. The First Virginia group also includes Arlington Mortgage Company, The Trust Company of First Virginia and several other companies.

## ABC, Inc. Holds National Elections

• Associated Builders and Contractors, Inc., the national "Merit Shop" construction association of more than 5,000 firms, recently elected its national officers for the 1973-1974 term. The election took place during ABC's Fifteenth Annual Convention in San Francisco, Calif.

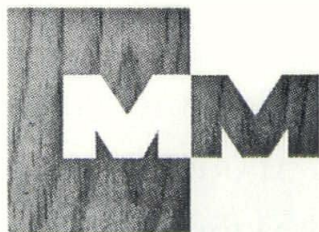
Michael G. Callas, President of Callas Contractors, Inc., Hagerstown, Md., was unanimously elected to the position of President. Callas previously served as National First Vice President and has served as Chairman of numerous committees and President of his local chapter.

Philip Abrams, Treasurer of the Abreen Corporation, Brighton, Mass., was elected ABC's National First Vice President. Abrams has served as ABC's National Treasurer and is a Past President of ABC's Yankee Chapter, serving the New England area.

Elected National Second Vice President was Joe M. Rodgers, President of Joe M. Rodgers & Associates, Inc., Nashville, Tenn. Rodgers has served as President of ABC's Middle Tennessee Chapter and is considered one of the leading young contractors in the nation, having appeared on the Top 400 List published in Engineering News-Record.

Hal Hazelrigg, a partner in the public relations firm of Hazelrigg & Whitmore, Houston, Tex., was elected ABC's National Secretary for a second term. Prior to joining the partnership, Hazelrigg was Director of Advertising & Public Relations for Brown & Root, Inc., one of the largest construction firms in the world.

Charles W. Demory, Jr., President of Demory Brothers, Inc., Gaithersburg, Md., was elected to his second



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term as ABC's National Assistant Secretary.

R. Peter Mathews, President of Mathews Corporation, Tampa, Fla., was elected Treasurer. Mathews, who has served as Chairman of ABC's Management Education Committee, is holding the Office of Treasurer for the second time.

Assistant Treasurer for the 1973-1974 term will be Joseph Burton Mohawk Contracting Co., Inc., Baltimore, Md.

ABC fosters the Merit Shop principle of construction, which states that all contractors and subcontractors have a right to work together in harmony whether or not they maintain affiliation with a labor union, toward the benefit of the construction industry and the construction consumer. ABC members believe that a man should be judged according to his own merit and that he should be paid in accordance with his ability and potential.

ABC's 5,000 member firms are located in 40 states and are grouped into 24 chapter or branch offices. The newly elected officers will form the National Executive Committee which, along with the National Board of Directors, serves as the policy-making unit of ABC.

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# Flooding of Tropical Storm Agnes Left Only Parts of Historic Bridge

Flooding caused by Tropical Storm Agnes washed away most of the old Cartersville Bridge across the James River, but the Virginia Department of Highways and others interested in historic preservation hope to save the remaining spans and the 150-year-old stone piers and abutments.

The bridge, which carried State Route 45 traffic over the river between Cumberland and Goochland Counties, is on the Virginia Landmarks Register and the National Register of Historic Places, and represents a unique type of timber and iron construction.

The flood in June destroyed four of six spans, and the State Highway Commission has awarded a \$1.4 million contract for construction of a modern new bridge just upstream.

Meanwhile, a group of citizens have formed the Cartersville Bridge Association to explore ways of assuming responsibility and maintenance for the remaining spans, abutments, piers and immediate approaches. The Department of Highways is working with them.

The next step is to gain approval from federal authorities for preservation of what's left of the old crossing. The permit issued to the department



for construction of the new bridge contains a condition requiring removal of the remaining parts of the old one. Coast Guard permits are mandatory before navigable streams may be bridged, and such conditions are customary in the permits, highway engineers explained.

However, Highway Commissioner Douglas B. Fugate has asked the Coast Guard to waive the condition this time since it "would eliminate the possibility of retaining the remains of the old structure."

"We share the interest of the citizens in attempting to preserve these remains and approaches, and would

greatly appreciate your giving consideration to removing (this condition) from the permit for the new bridge," Fugate wrote to Admiral Ross Bullard, commander of the Fifth Coast Guard District in Portsmouth.

"We certainly recognize the wish of the Coast Guard to clear streams of old, unused structures, and agree that in most instances this is a desirable objective," Fugate wrote.

"However, in this particular case, with the intent interest of the local people and in view of the historic importance of the old structure, it would seem in the best interest of the public to insure the preservation of the re-

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maining parts of this structure," he wrote.

The highway leading to the damaged bridge is closed now on both the Cumberland and Goochland sides, and a temporary ferry is being operated by the Highway Department to serve only the essential local transportation needs.

In the event it is possible to preserve the remains of the bridge, the department would construct permanent barricades so that pedestrians but not vehicles would be permitted onto the bridge spans. Informative signs would be erected describing for visitors the engineering and transportation significance of the old bridge.

The Cartersville crossing has a long and at times troubled history.

The first facility across the James at that point was built by the Cartersville Bridge Company, a private corporation chartered in 1819. It was a wooden covered bridge, which appar-

ently was completed about 1822.

Subsequently, the superstructure collapsed or was destroyed, and most of it was reconstructed in 1841 and 1842. The second superstructure also fell or was destroyed a number of years later. For a time, the James River and Kanawha Canal Company operated a ferry at Cartersville, and at an undetermined date transferred the ferry operation to the Richmond & Alleghany Railroad Company.

In 1873, the railroad company agreed with Cumberland and Goochland Counties to rebuild the bridge superstructure on the original piers and abutments, and the third bridge was completed in 1844. Those early piers and abutments, first built a century and a half ago, remain today.

The bridge constructed by the railroad utilized a truss span style of design patented in 1844 by Thomas W. and Caleb Pratt as a combination wood and iron bridge.

It is believed to be one of the few remaining examples of this type of Pratt truss bridge. One other is in Virginia, across the James River on Secondary Route 630 at Springwood in Botetourt County.

Specifications for the Cartersville Bridge described the materials to be used in its construction.

"All wrought iron used shall be capable of withstanding 50,000 pounds per square inch without rupture and 25,000 pounds per square inch without permanent set. The sections shall be such as to forbid a strain, under the loading specified above, of more than 10,000 pounds per square inch; to stand also such tests as to bending cold, etc., as are usual. The cast iron used shall be soft, grey, iron, tough and homogeneous."

As for the wooden portions of the bridge, the specifications directed that "The timber used in trusses and for the floor beams shall be of good quality heart yellow pine, sawn true, and of full size. The floor stringers or joists and planking may be of good, sound and clear white oak."

The old bridge apparently served well after 1884, with only occasional repairs. The original floor beams were replaced by the Highway Department as a safety measure in 1955.

Three years ago, the Hurricane Camille flooding sent almost two feet of water over the bridge's roadway. But the bridge escaped major damage although two other bridges across the James River were destroyed by the flood. Tropical Storm Agnes was more harsh at Cartersville.

But what Agnes left, while useless as a transportation facility, is considered by the local citizens and by the state's highway engineers and Historic Landmarks Commission as worth saving for its historic value and in the interest of future generations.

Richard T. Coutoure of Goochland and James C. Rea, Jr., of Cartersville are co-chairmen of the newly-formed Cartersville Bridge Association.

In addition to that association are the Highway Department and the Landmarks Commission, members of the Cumberland and Goochland County Boards of Supervisors, the Goochland Historical Society, the Virginia Commission of Outdoor Recreation, the State Game and Inland Fisheries Commission and the State Department of Conservation and Economic Development also have participated in discussions looking to preservation of the remains of the old structure.

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## BRAMBLETON/PEERY OFFICE BUILDING

(From page 19)

power/communications distribution system.

Structurally, the building combines perimeter bearing walls with interior structural steel framing. The primary exterior material is brick. The facade panel is surface applied exposed aggregate on an epoxy matrix. Special attention was given to the simplicity and cohesiveness of the window treatment. Bands of glass are placed at strategic points within the facade creating both a modern and abstract version of the regional tradition that is recognizable by citizens of the area. Spandrel conditions are treated with sand blasted pre-cast concrete panel whose color and texture have been carefully prescribed to insure total harmony.

Diligent care has been applied to the exterior lighting and landscaping design scheme so that the indigenous scale and texture of a residential environment will not be harmed by the amutable surge of progress.

S. Lewis Lionberger Co., of Roanoke, was general contractor and handled carpentry

### Subcontractors & Suppliers

From Roanoke were: Joe Bandy Son, Inc., excavating; Structural Steel Co., steel, steel roof deck, roof deck & handrails; PPG Industries, windows & glazing; Harman Ceiling Partition Co., plastic wall finish &oustical; Norville Tile Co., ceramic

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tile; J. M. Blair Co. electrical work; Lowe & Nelson Plumbing & Heating Corp., plumbing fixtures, plumbing, air conditioning, heating & ventilating; and, Adams Construction Co., Inc., paving.

Also, from Salem were: Masonry Contractors, Inc., masonry; and, Leonard Smith Sheet Metal & Roofing, Inc., roofing.

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## DATRAN BUILDING

(From page 29)

roof line are quality materials that proved less expensive over the long run because their use generates savings in construction time and in maintenance cost.

Glare-reducing glass and matching black spandrel glass used with the vertical fins create a vertical accent for the structure. The "store-front" first floor perimeter also makes use of black glass in black anodized aluminum framing.

Precast concrete panels are carried into the entrance library, while warm brick pavers accent the precast panels.

The quality of both interior and exterior was of prime importance according to Jack Gosnell of the C. W. Gosnell Company. Mr. Gosnell noted that the basic requirement was to achieve maximum architectural and engineering quality under very strict standards of scheduling and budget control.

Two complete mechanical systems were designed and bid for the building and the more cost effective system was then selected during the bid process. A four-pipe heating system was selected to provide maximum comfort and individual control in all interior spaces. Additional cooling capabilities were provided in the computer areas of Datan's spaces.

One level of underground parking is provided in addition to the surface parking places.

Clarence W. Gosnell, Inc., Vienna, the owner, was general contractor and handled excavating and carpentry.

### Subcontractors & Suppliers

Franki Foundation Co., Arlington, piling; VECCO Concrete Construction Co., Springfield, foundations & concrete; Wells and Associates, Inc., Washington, D. C., masonry; Arlington Iron Works, Inc., Manassas, steel, steel roof deck & handrails; American Stone, Inc., Newington, precast stone; Perrin & Martin, Inc., Arlington, roof deck & roofing; and, Millstone Erectors, Inc., stone work erection.

And, Commercial Windows, Inc., Silver Spring, Md., windows, window walls & glazing; Allen Glass Co., Inc., Alexandria, glazing & weatherstripping; L. W. Carter Sons, Warrenton, painting; Anning-Johnson Co., Alexandria, plastic wall finish & acoustical; Stevens Tile & Marble Co., Inc., Kensington, Md., glazed tile & ceramic tile; Propect Industries, Inc., McLean, waterproofing; Davenport Insulation, Inc., Springfield, insulation & fireproofing; and, Dodd Brothers, Inc., Falls Church, plaster.

Also, Commercial Linoleum Co., Inc., Washington, D. C., resilient tile; Annandale Millwork Corp., Annandale, millwork; Columbia Building Products Co., Inc., Alexandria, steel doors & bucks; Joseph M. Catalano Co., Inc., Falls Church, lighting fixtures & exterior lighting; W. J. Trunnell, Inc., Rockville, Md., electrical work; Ho-W Plumbing Corp., Annandale, plumbing fixtures, plumbing air conditioning, heating & ventilating; Westinghouse Electric Corp., Washington, D. C., elevator; Hardware Center, Inc., Capitol Heights, Md., hardware; and, General Automatic Sprinkler Co., Charlotte, N. C., sprinkler systems.

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## BANK OF VIRGINIA BRANCH

(From page 30)

with the latest in modern banking facilities and tastefully appointed in contemporary decor. A luminous ceiling of specular gold hexagon lense is located over the tellers' area and the remainder of the ceiling in the public area is composed of 5' square coffered type fixtures.

John W. Daniel & Co., Inc., of Danville, was general contractor and handled excavating, foundations, concrete, masonry, carpentry, plaster and millwork.

**Subcontractors & Suppliers**  
(Danville firms unless otherwise noted)

Steel of Virginia, Inc., Martinsville, steel & steel roof deck; Link-Watson Corp., roofing; Mustain Glass Co., window walls & glazing; Hedrick Brothers Corp., painting & plastic wall finish; J. W. Squire Co., Inc., acoustical; Ross Cruz Tile Co., ceramic tile; Wise-Hundley Electric Co., Inc., lighting fixtures & electrical work; Crane Plumbing & Heating, plumbing fixtures & plumbing; Heat Service & Equipment Co., air conditioning & ventilating; Bailey-Spencer Hardware Co., Inc., Lynchburg, hardware; and, U. S. Plywood, Div. of Champion International, High Point, N. C., facade panels.

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## LYNCHBURG COLLEGE FINE ARTS BUILDING

(From page 31)

education, painting and drawing are included in the overall plant.

Adequate public space, toilets and other ancillary facilities are provided.

The building contains a central heating and air conditioning system with electric heating coils and chilled water cooling coils with air handling units. Auxiliary heating is provided with baseboard radiation.

C. L. Lewis & Co., Inc., of Lynchburg, was general contractor and handled foundations, carpentry and weatherstripping.

**Subcontractors & Suppliers**

From Lynchburg were: Lynchburg Ready-Mix Concrete Co., Inc., concrete; Bat Masonry Co., Inc., masonry; Consumer/Dornin-Adams Inc., roofing; PPG Industries, glazing; J. D. Crance Co., painting; Taylor Bros., Inc., millwork; and, J. B. Moore Electrical Contractor, Inc., electrical work.

Others were: W. N. Yeatts Excavating & Grading Contractor, Long Island, Va., excavating; Lynchburg Steel & Specialty Co., Madison Heights, steel; Standard Tile Co., Inc., Verona, stone work & ceramic tile; Lupton Mfg. Co., Philadelphia, Pa., windows; John H. Hampshire, Inc., Roanoke, acoustical, plaster & resilient tile; J. H. Cothran Co., Inc., Altavista, plumbing, air conditioning, heating & ventilating; and, Contract Hardware, Inc. (Corbin), Madison Heights, hardware.



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(From page 32)

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A complete laboratory facility is used to perform periodic tests to insure that the water produced meets the highest standards of quality and safety. According to city officials, the expenditure on the water treatment system was an investment in the health and future growth of the Harrisonburg community. Wiley & Wilson is proud to have played a part.

English Construction Co, Inc. of Altavista, was general contractor.

Subcontractors & Suppliers

Acco Bristol Division, Charlotte, N. C., metering & telemetering equipment; Armco Steel Corp., Metal Pro-

ducts Div., Raleigh, N. C, sluice gate & flap gates; Augusta Prestressed Concrete Corp., Verona, furnished & installed prestressed concrete; BIF, Silver Spring, Md., filter bottoms; Bett & Frazier, Inc., Harrisonburg, concrete; Dorr-Oliver, Inc., Baltimore, Md., flash mixer; Economy Cast Stone Co., Richmond, cast stone; and, Ingersoll-Rand Co., Richmond, centrifugal booster pumps.

Also, Kape Associates, Inc., Rockville, Md., wash water troughs; Lynchburg Foundry Co., Lynchburg, cast iron pipe & fittings; J. M. Murphy Co., Inc., Roanoke, electrical work; Neptune Micro Flocc, Inc., Corvallis, Ore., filters and related equipment & controls; Oliva & Lazzari, Inc., Charlottesville, quarry tile stone window stools; Powers Fence Co. of Roanoke, Inc., Roanoke, furnish & install fencing; and, Phipps Bird, Inc., Richmond, laboratory equipment & supplies.

And, PPG Industries, Roanoke, furnish & install aluminum entrance ways and glass & glazing; Rex Chainbelt, Inc., Philadelphia, Pa., traveling water screen; Riddleberger Bros., Inc., Harrisonburg, plumbing, heating, ventilating & dehumidifying; Roanoke Concrete Products, Co., Roanoke, concrete pipe; and, Roanoke Iron Bridge Works, Inc., Roanoke, reinforcing steel & miscellaneous metals etc.

Others were: Skyline Paint Hardware, Inc., Roanoke, finish hardware, hollow metal doors & frames; The Staley Co., Inc., Richmond, metal windows; The Taulman Co., Charlotte, N. C., mixing basin, agitators; Virginia School Equipment Co., Inc., Richmond, furnish & install laboratory fixtures; Wallace & Tiernan, Inc., Belleville, N. J., chlorinator, chlorine scale calgon feeder, chemical feed machine & necessary changes for operation of existing fluoride feeder; and, Wood Equipment Co., Inc., Richmond, turbine pump water pumps.



## CONTINENTAL INSURANCE COMPANIES

(From page 37)

technical point is the concrete base which was poured-in-place to make a monolithic sub-structure on which a more conventional steel structure was placed.

The arch shape of the concrete bents allowed the entire building to be supported on only ten points at the ground level and in spite of the massiveness involved, the building really does give the illusion of a floating structure.

The exterior of the building is of an epoxy-type stucco material with extensive use of bronze color glass and aluminum.

Therefore to consider all aspects of the project as challenges met with success, sums up what total planning and

development can mean for everyone. The owner stayed within his budget for the proper return on his investment. The county has solved a flood control problem while improving its tax base from what was an unproductive site and the tenants have an unusual and esthetically pleasing office building.

The general contractor, Kjellstrom and Lee, Inc., Richmond, handled foundations and concrete.

### Subcontractors & Suppliers

(Richmond firms unless otherwise noted)

P. E. Eubank & Co., excavating;  
McKinney Drilling Co., Nacogdoches,

Tex., piling; Southern Brick Contractors, masonry; S & W Steel Co., Inc., steel & handrails; Inland-Ryerson Construction Products Co., steel roof deck; Whitley, Inc., roofing; W. H. Stovall & Co., Inc., window walls & glazing; N. Chasen & Son, Inc., painting; F. Richard Wilton, Jr., Inc., insulation, acoustical & plaster; General Tile and Marble Co., ceramic tile; W. Morton Northen & Co., Inc., resilient tile; Miller Manufacturing Co., Inc., millwork; Roanoke Engineering Sales Co., Inc., steel doors & bucks; Central Electrical Service Corp., electrical work; Hungerford, Inc., plumbing fixtures, plumbing, air conditioning, heating & ventilating; W. W. Moore and Sons, Inc., elevator; and, Pleasants Hardware, hardware.

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## CANFIELD RESIDENCE

(From page 39)

glass doors to afford minimum obstruction of the magnificent view.

Since the Canfields anticipated a certain amount of outside entertainment and relaxation, large decks and terraces were provided, one accessible from the entrance area and living room and another from the living room, foyer and kitchen area, where outdoor dining could be enjoyed. The terraces are paved with slate and enclosed by wrought iron railings.

The foyer, extending through the house with access to the living room, family room and decks on either side of the house, has a large bar and storeroom. The flooring is Armstrong sheet vinyl in a stone pattern.

A honed slate fireplace and exposed beam ceiling in the 738 square foot living room compete with the octagon shape and the view for focal points of interest. The fireplace has a built-in log storage bin which is fed from an outside storage room and accessible inside through low paneled doors. Built-in window seats on two sides of the living room provide ample storage space and a comfortable site for relaxing and enjoying the view. Red oak parquet flooring was adopted for this room to harmonize with the shape of the room and to blend with the beamed high ceiling. An antique bronze chandelier imported from Spain to highlight the living room.

The fireplace from the old house was retained for the family room, as well as framing for the first floor and sections of the wall. A red oak stairway with treads supported by one brass tube adds an interesting touch to this area. The flooring is Armstrong vinyl of a stone pattern a little different from the one used in the foyer. A study was provided on a slightly higher level off the family room, with a bedroom and bath directly above. A soundproof wall between the family room and study assure quiet use of the study while the family room is being used for other activities. A bath adjoining the study permits the use of

this room as a guest room when needed. A large window area overlooks the rolling hill and valley below.

The fourth level of the house contains a landing hall and storage room.

The master bedroom suite on the fifth level is almost a home in itself. His and Her baths and closets cater to the individual tastes of the owners. A complete kitchenette and dining area are provided, as well as laundry facilities, linen room and large storage area. The suite is complete with its own deck nestled in a recess between the sloped roof over the living room and level portion of the foyer. It is partially covered by the overhang of the upper portion of the roof.

This level also houses the mechanical room with its sloped soaring walls which adds interest to the exterior of the dwelling and serves as a collection point for all fireplace and furnace flues where they penetrate the roof and are capped.

The kitchen area, which was equipped by Town & Country Kitchens, Inc., of New York, using St. Charles cabinets and fixtures, contains the cooking and serving areas, dining

area and a pantry. Kitchen cabinets are white with blue suede Formica tops. Stainless steel sinks—one single and one double—and ample counter tops provide an abundance of working space. Cabinets are equipped with sliding shelves and storage spaces for linens, silver, cutlery, garbage can, cutting board, vegetable bins, bottle racks, trays, pan lids, etc. Walls of the pantry are covered with pegboard for hanging cooking utensils and miscellaneous items. The kitchen flooring is Armstrong sheet vinyl in a pattern resembling hand set tile. The red flooring creates a delightful contrast with the white cabinets and smooth white plastered walls.

A hall off the kitchen leads to the double garage and a service area. The garage is entirely finished inside and is heated. A halfbath and storage room serve this area.

The rustic decor of the house is carried over into the interior by use of stained, grooved, rough sawn cedar paneling, complimented by smooth plaster walls with red oak trims.

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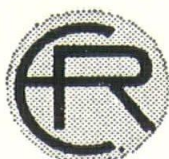
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areas of the house; air conditioning provides summer comfort.

Recessed lighting with dimmer controls is used primarily, providing varying intensity of lighting where desired. In the living room, foyer and family room directional eyeball lighting was used to highlight the art treasures the Canfields have acquired in their years of world travel. Illumination for the outside area is provided from the upper portion of the building with controls on the first and second floors. The outside low lights and post lights are controlled by photocell.

The basement of the old house was refloored with concrete, a metal door added for the outside entrance and a six by eight foot wine cellar was created.

Mrs. Canfield was very knowledgeable about the planning and construction of their new home and took great pleasure in the selection of materials and equipment. The Canfields moved from New York to Lexington, living in a motel for several months before the house was completed so they would be available to make final decisions on the finishing touches of their new home.

W. W. Coffey & Son, Inc., of Lexington, was general contractor and handled excavating labor, masonry labor, foundations, carpentry, and insulation. Emory Higgins was the first superintendent on the job.

## Subcontractors & Suppliers

From Lexington were: Charles Barger & Son Construction Co., Inc., concrete; Rockbridge Block Co., masonry supplier; S. W. Donald Electric Co., electrical work; Dunn's, plumbing; air conditioning, heating & ventilation; Lexington Well & Pump Co., well pump; and, Higgins & Irvine, Inc., miscellaneous hardware & building supplies.

Roanoke firms were: Roanoke Iron & Bridge Works, Inc., steel, metal stairs, steel columns; South Roanoke Lumber Co., Andersen windows, glazing, paneling & millwork; PPG Industries, Andersen glass windows; Eubank & Associates, painting & plastic wall finish; Magic City Tile & Carpet Co., parquet wood flooring; C. Building Specialties, steel doors, bucks; Noland Co., lighting fixtures, plumbing fixtures; and, Skyline Paint & Hardware Co., hardware.

Others were: Hevener's Excavation Co., Inc., Buena Vista, excavation equipment; Frank Yerby & Sons, Inc., Waynesboro, roofing; Minor O. W. Salem, stone work; C. M. Worsham, Madison Heights, slate work; Natural Bridge Lumber Co., Natural Bridge Station, structural wood; A. P. Hubbard Wholesale Lumber Corp., Gretna, N. C., laminated beams; Staunton Weatherstripping Co., Staunton, weatherstripping; Homer L. Y. Staunton, acoustical & plaster; Augusta Tile Co., Staunton, ceramic tile & resilient tile.

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## F&M — CLOVERLEAF

(From page 40)

their desks are in the open. One employee commented, "Our bank is barrier-free and, therefore, it differs from the old banking tradition of putting an officers' desks behind a rail in an area called the platform."

To further the branch's uncluttered and unrestricted atmosphere, the architects provided for a glass conference room. When the conference room is in use, branch personnel simply pull curtains around the glass walls and the room resembles another window.

Inside, the building houses 5 teller windows, and there are 3 drive-in windows in a wing extending from the building's west side. One of F&M's Anytime Banks occupies a 4th drive-in area. "We realize that the bank is open every hour that the Mall is open," replied Retail Senior Vice President Charles R. Talley, "but our Anytime Bank feature allows shoppers and merchants alike to transact most of their banking business at night or on week-ends." Talley added, "Mall visitors are apparently taking advantage of our Anytime Bank service, too, because the use of that machine is steadily increasing."

Robert M. Dunville and Bros., Inc., of Richmond was general contractor for the project.

Subcontractors & Suppliers  
Richmond firms unless otherwise noted)

W. Bastian Co., Inc., plumbing, heating, air conditioning & ventilating; Harrington Burgess Masonry Contractor, Inc., masonry; Central Electrical Service Corp., electrical work; G. Duggan, Inc., metal studs, wall & plastering; General Tile & Marble Co., Inc., ceramic tile; Harp Painting Contractors, painting & covering; N. W. Martin & Bros., roofing; W. Morton Northen & Inc., acoustical ceiling & resilient lining; S. & W. Steel Co., Inc., structural steel joist & deck & miscellaneous steel; and, Sash, Door & Corp., aluminum store front, & glazing.  
so, Construction Specialties, Inc.,

Cranford, N. J., "ledge caps"; J. S. Archer Co., Inc., toilet partitions, hollow metal doors & frames; H. Beckstoffer's Sons, millwork; Bowker & Roden, Inc., reinforcing steel, mesh; The R. C. Musson Rubber Co., Akron, Ohio, mat recess; Orkin Exterminating Co., Inc., termite protection; David

Rose—Daroco Sales, towel dispensers, etc.; Republic Steel Corp., corrugated steel pipe; Tidewater Materials Corp., concrete; U. S. Plywood, Div. of Champion International, facade surface panels; Laird's Nurseries & Garden Center, Inc., landscaping; and, Fisher Irrigation Co., lawn sprinklers.

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## SCHOONER MOTEL

(From page 43)

sisting of 20" x 20" columns and 2 x 24" beams.

The entire structure rests on precast concrete pile foundation. Connections between panels are fairly simple. Vertical connection between bearing walls are bolted and grouted. Horizontal joints are doweled and grouted.

Even the stairs are precast. One flight of stairs comes as a unit including landings. The outside panels of stair and elevator towers come as "L" shaped self bracing unit.

Once the foundation was finished they were able to complete one story per week. This motel was billed "the last to start and the first to finish." Since the concrete panels themselves came finished, there was no finishing necessary except for the inside of the units themselves. The use of precast components provided a better building, good acoustics, easier maintenance, finer finishes and more floor space.

C. S. Yoder & Co., of Virginia Beach, was general contractor handling concrete, painting, plaster wall finish, insulation, drywall, studs, electrical work, plumbing fixtures, plumbing, air conditioning heating and ventilating.

Subcontractors & Suppliers

From Virginia Beach were: S. Finley, Inc., paving; M. R. Welch, Inc., piling; E. L. Hudson Masonry Co., Inc., masonry; and, Ford Foundations, Inc., bulkheading.

Norfolk firms were: Lone Star Industries, Inc., precast piles; A. Hughes Sheet Metal Corp., roofing; Glass Corporation, glazing; W. Carpenter Co., Inc., carpeting; J. Law & Son, Inc., resilient tile; F. Hodges Co. Inc., steel doors & bulkheads; W. W. Moore & Sons, Inc., elevators; and, Seaboard Paint & Supply Inc., hardware.

Others were: Strescon Industries, Inc., Baltimore, Md., prestressed concrete; and, Bel-Mett, Pittsburgh, handrails.



## TALBOT, WERMERS & ASSOCIATES OFFICE

(From page 43)

he more conventional type; the use of tempered glass in all windows; and, where wider glass areas were needed in the enclosed court, the location of these in a protected angle of the building with an overhanging roof.

Another problem was to incorporate in the new building a small existing structure used by the firm's survey parties. This has been done so inconspicuously that the finished design gives no hint that the entire building is not newly constructed.

J. D. Choate, Inc., of Chesapeake, as general contractor and handled foundations.

### Subcontractors & Suppliers

Norfolk firms were: Lone Star Industries, Inc., concrete; Chesapeake Steel, Inc., steel & steel roof deck; Hall-Hodges Co., Inc., reinforcing steel; Eastern Roofing Corp., roofing; C. Gordon & Co., metal studs, drywall, lath & stucco; Walker & Laberge Co., Inc., glazing & storefront; Manson Utley, Inc., acoustical; Ferrell Linoleum & Tile Co., Inc., ceramic tile; Seaboard Paint & Supply Co., Inc., steel doors & bucks; Charles W. Davis, electrical work; Baker & Co. T/A Lukco, Inc., hardware; and, Engineering Steel Equipment, chalk board. Others were: Forrest Exterminating Service, Va. Beach, soil poisoning; L. Hudson Masonry Co., Inc., Va. Beach, masonry; Colonial Supply Co., Portsmouth, painting; Princess Anne Lumber Co., Va. Beach, wood doors; Mid-South Mfg. Co., Coral Gables, Fla., toilet partitions; and, Joseph B. Drumheller, Va. Beach, plumbing. American Mechanical Corp. handled air conditioning, heating, ventilating.

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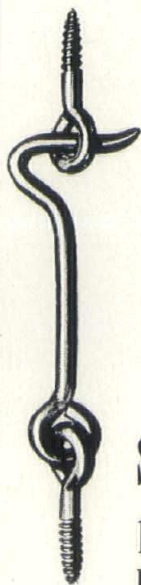
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## R.I.P. War and Peace

(From page 7)

terest. The common experience was to persevere through 50 to 100 pages and then put the book aside for a week. I recall that in reading at night, I would get drowsy, and would promise myself to take it up again when fresh. The trouble was that on turning, I had forgotten the characters in the multitude that paraded through the pages, and had to begin over on page 1. Each new beginning was a little grimmer than the first, and each carried me a little farther. It was one day when I picked up the dog-eared copy and tried to pick up where I had last left off, around page 200, a great truth burst over me: "I really don't have to do this." Though many years have now passed since this dawn of truth freed me of a guilt that had hovered over me ever since. I cringe into silence when someone pronounces it, "the greatest novel ever written." When on occasions I inadvertently espy the book in the shelves, I quickly look away and try to walk away from the feeling of inferiority produced by my failure to appreciate the world's greatest novel. It was at this stage that I read Mr. Tolstoy's solution to the dilemma we had. A magnificent motion-picture, which ran eight or so hours, had been made from the epic, and this picture was coming into our homes through the wonder of television. At last, forty years later, I would know what had been opened in the book and perhaps, maybe, discover what made *War and Peace* the greatest of all novels. In stumbling with anticipation, like Tolstoy, at "On Opening Chapman's *Home*" and surrounded by the members of my family, I clicked the remote-control button that brought onto the television screen the truly gorgeous color photography of the picture.

Almost immediately there were distracting reactions in our audience. My daughters revealed that they had seen the first part of the picture when it ran in the theatre, but they had left at intermission because they didn't know what was going on. Now, they admitted, they understood little more than they had the first time. I explained that the novel (or picture) had no "story-line," and they should look for other values.

Then my wife revealed that she had read the book! She made no claim to having enjoyed it but, being a person of unique determination, had refused to be turned back, and, after half-a-dozen attempts, finally went all the way. Unfortunately, she remembered more about her successful effort to finish the book than what was in it. She did heartily agree that it had no story-line.

Remnants of memory from my unsuccessful efforts combined with remnants of memory from the others to produce a fairly clear idea of the main characters. But Prince Andre seemed even duller to me than he had in the book: the actor played with a frozen expression of long-suffering brooding, faintly tinged with contempt. He looked the same when he said "I love you" as when he said "I want to be a hero" and "I don't want to die." Although his deathbed scene (one of many) was dragged out with

everything but arias from the soprano, his expression never changed. His disappearance would have been a high point of the picture, except it came near the end.

The miserable Pierre, who had been the most interesting character to me in the novel, was in the picture more volatile than the Prince. He had two expressions. Occasionally his worried, bewildered frown changed to anger. Since (like Andre) he never smiled or laughed, after several hours his wretchedness became monotonous. The Princess, Lisa, had been totally incomprehensible in the novel and so she remained in the picture. Natasha, played as a bubbly ingenue, giggled and wept all over the place, but her motivations were never clear (at least to our little audience). However, we did prefer the sequences when she was on-screen because they usually showed magnificent sets of court balls and fancy goings-on, which were a distinct relief from the gloom and hostility in other scenes.

Probably we would all have followed the lead of one daughter who gave up on the second night, except for a curiosity about seeing the heralded battle scenes. When the first battle scene came on, we experienced a quickening interest in the photography and in "the fog of war" technique. Here, in vivid details, were illustrations of "blind armies clash by night." For

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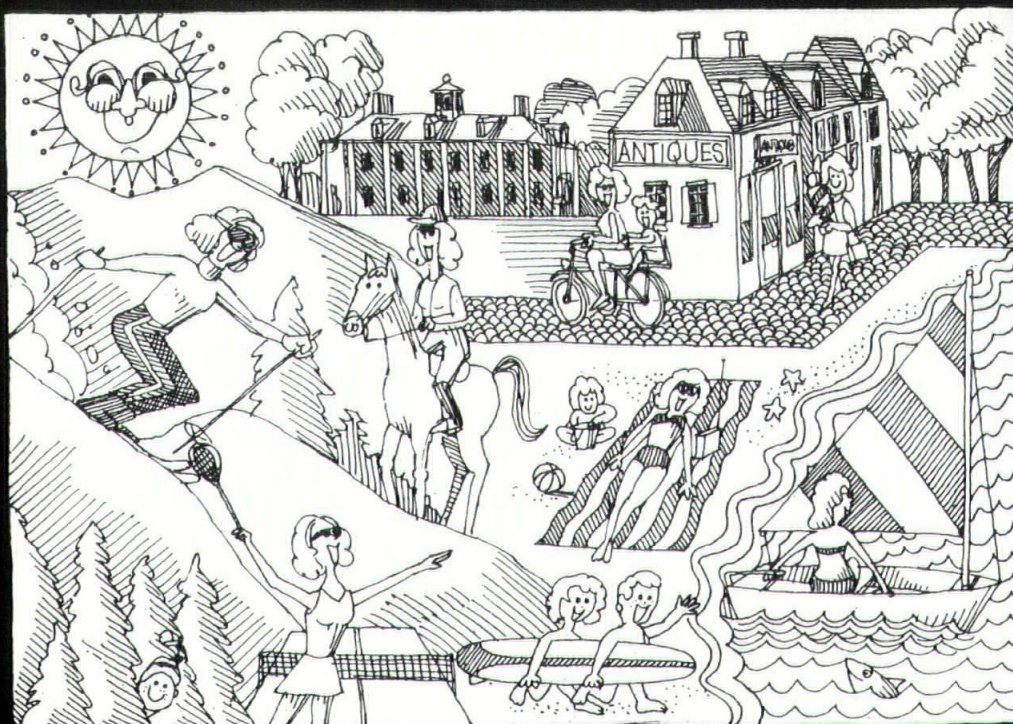
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while, interest was sustained despite since Andre's wandering around, looking like a cigar-store Indian, with his philosophizing filling the soundtrack. Then it all began to become a little too much "fog of war": we didn't know what was going on. By the time the action shifted to the Battle of Borodino, this began to look like more of the same — endless vignettes of men in battle. This might have been better if I could have told the French from the Russians.

Then, the great climax of the burning of Moscow was for the survivors of our audience (my wife and me) a great anti-climax. There was more aimless running around against the background of fires and by then, frankly, my mind was wandering to the technique they were using to simulate the fires and speculating on the costs of such a picture, with hundreds of extras, in Hollywood. All illusion was gone. All of my audience was also gone when the picture reached the winter retreat of the French army from Moscow.

By that time, the fourth night, determined not to be defeated on two fields, I was watching with something of the grim perseverance with which I had struggled with the novel. However, without companions to talk with during the commercial breaks while the remote-control eliminated the sound, the commercials became more intrusive. The tragic condition of the French soldiers freezing on the Russian snow lost some of its impact when it was interrupted by shots of cretinous youths applying *sunburn* ointment and an empty-faced female applying fake eyelashes. Then I realized that all through the picture, especially the innumerable battle-scenes, moods had been interrupted by bare feet in your face, idiot men shaving, miraculously cured sufferers of headache and sinus, grinning with imbecile grins, assorted persons flashing white teeth and anti-spirants, and — maybe the high point of inappropriateness — "silky, shining Hair" advertising a cream while old peasant women with st children were stumbling through the burning streets of Moscow.

Since all these commercial breaks, with their asinine contrasts, were made with severe cuts in the motion picture, which affected both the continuity and the sustaining of a mood, this version would have to be called *War and Peace American Style*. As such, the television version could not be judged as a true version of the film, whose spectacular panoramic

scenes would also lose much on a small screen. However, even without the breaks provided by the commercials, the picture seemed in places badly cut, particularly where a character's inner thoughts were spoken over a scene or, in one case (unless I was confused), where a character's memories were played out as scenes.

Somewhere on the way of the French retreat, which included the still bewildered Pierre, I (the sole survivor of our audience) gave up during a long break featuring Julie Andrews in lighthearted mood, backed by the dancers in a production number, presumably advertising a coming attraction. Curiously, I experienced this second defeat of *War and Peace* without any sense of guilt whatsoever. Chiefly I felt relief at not having to look at any more Russians.

However, I am very grateful to Mr. Rolfe for his suggestion, for now I am also free of guilt at not having finished the novel. What are four nights compared to a lifetime of carrying around this burden of inferiority? Also, I learned something. Those books which we couldn't get through are forever lost to our experience, for we can't get anything from them secondhand, especially not in the American Style: with commercials. I've always shunned pictures of books I loved. Nothing would get me near a theatre showing *Madame Bovary* and I think I'd join my first picket-line at a showing of *Remembrance of Things Past*. Now, I realize even the classics we haven't read, or enjoyed, must also be avoided.

If television truly wants to improve our culture through motion picture versions of old novels, I'd suggest they try those "classics" which were the favorites of our childhood — such as *Tom Swift* and the *Bobbsey Twins* and the *Rover Boys*. In those, the commercials could be helpful and sustain the mood of the picture. When Dora, the heroine of *The Rover Boys*, comes on, it would be fitting to cut to silky, shining hair and flashing teeth, and when Tom Swift is experimenting with one of his inventions, it would be in character to show magical detergents and razor blades that eliminate whiskers which you can't see. This could start a whole new trend in pop culture.

But for such greatest novels of all time as *War and Peace*, let them rest in peace.

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