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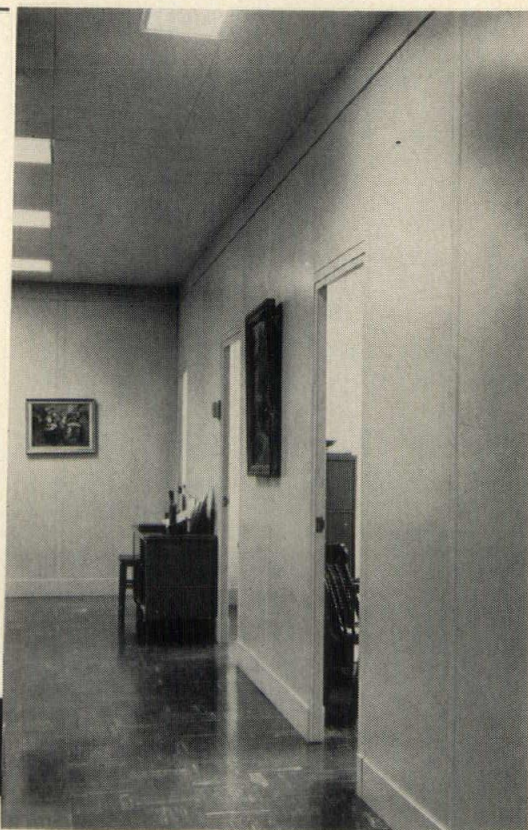
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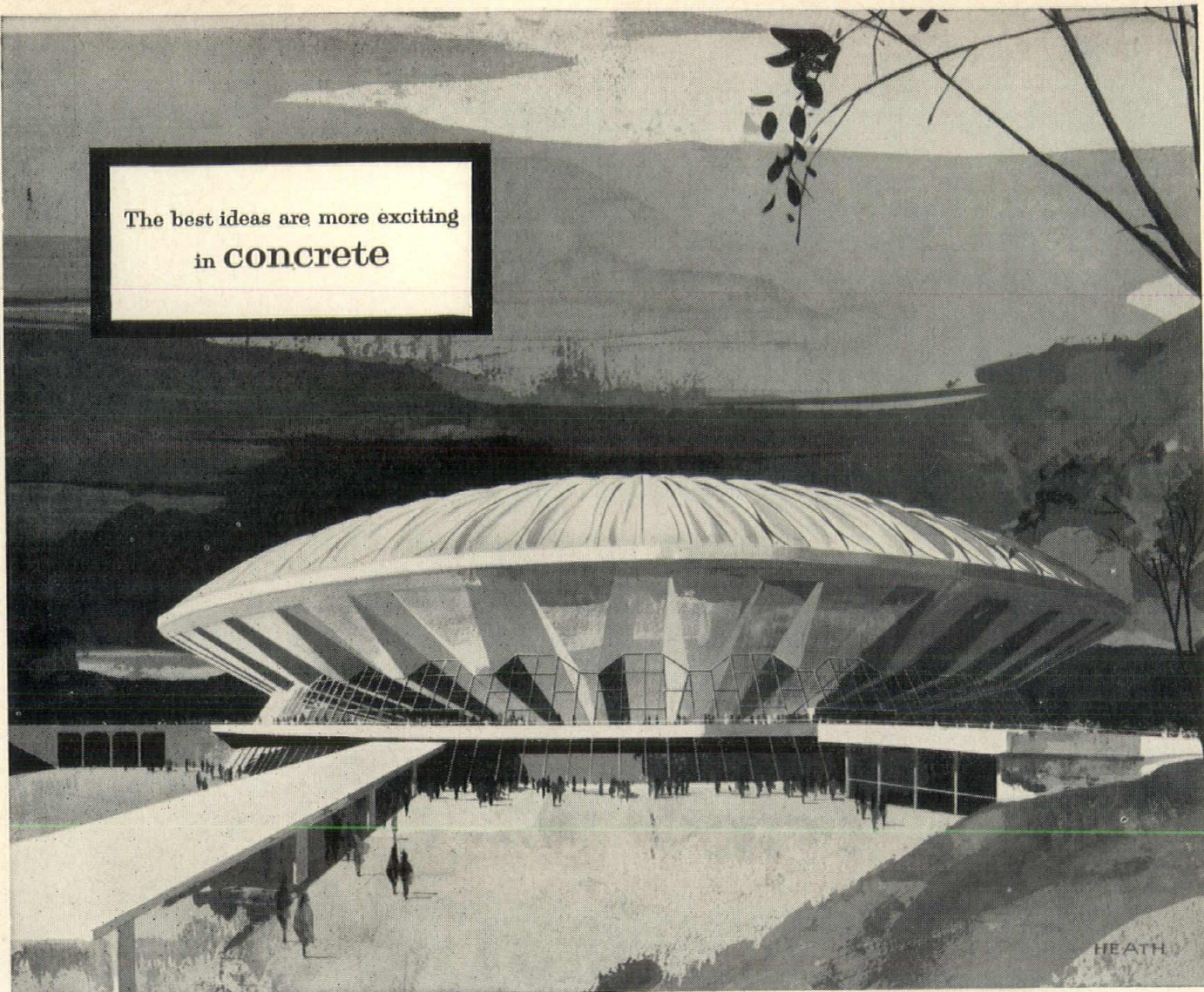


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VOLUME LXXXV

FEBRUARY 1963

NUMBER TWO

Here Lee Stood Like A Stonewall After Throwing A Dollar Across the Mississippi

MOST OF US HAVE BEEN EXPOSED, at one time or another, to the problem of reconciling a child's general impression of some subject with what is written in a textbook. As the child's impression is likely to have been formed in part by his home environment, you are usually at some pains to explain why this book is different. Some times I feel like a person who grew up believing the world was flat when trying to explain the home versions of the universe against astronomical maps and charts. Even in history, a teacher of one of my children told me that my daughter had expressed pleasure that her social studies were going next to ancient Greece as, said the daughter, "My father didn't know much about the Holy Lands."

With confidence in my omniscience already shaken, the daughter put me on the defensive when her studies reached the Civil War. I found myself sputtering, "Why, this simply isn't true!" Remembering my haziness about the Euphrates and the Tigris, my daughter regarded me with skepticism when I was reduced to an outraged snort, "This is just a flat misstatement, a lie." To this she asked sweetly, "How shall I write my paper?—like you say or like the book says?" I answered by bringing out a dozen books, and pointing out passages, and even oppressive copies of the *Official Records of the War of the Rebellion* to point to specific orders and assignments and areas of command.

I think she was convinced but, after the shattering evening, I must confess to being appalled at the statements in a history textbook for children in Virginia. The first statement that had caused my gorge to rise was, "By the time of the Revolution many Americans, even Southerners, were against slavery." What an insidious emphasis! One could as easily write, "At the time of the Revolution many Americans, even Yankees, were Christians." Actually, in the period after the Revolution, a Virginian refused to ratify the Constitution because, on the insistence of New England slave-traders, slavery was permitted.

Then, recognizing that slave-labor was an economic necessity in the South, the textbook stated, "Some people, however, believed that owning slaves for any reason was wrong. They wanted to abolish, to do away with, slavery altogether. Such people were called abolitionists."

Abolitionists were indeed uninvolved people who *talked* of doing away with slavery altogether. Abolitionists were those people who, by modern definition, practice "moral coercion" as the safest form of releasing hostilities, as these expressions of aggression have social approval. The people who *were* doing away with slavery altogether had names like Thomas Jefferson, R. E. Lee, A. P. Hill, the active emancipationist family of Blackfords, and John Randolph of Roanoke, who wrote off half-a-million dollars in slave-property.

Then it comes to the Southern people's concern over the election of a Republican president. "If they make us give up our slaves, what will become of our plantations," the people said. "It will ruin us."

(Continued on page 47)

TABLE OF CONTENTS

AIA News.....	6
1st National Trust & Savings Bank.....	16
Professional Building, Salem.....	19
State-Planters Bank, Richmond.....	20
New Bridge Baptist Church.....	21
Pleasant Valley Elementary School.....	22
Norfolk Municipal Hospital.....	23
Two New Shopping Centers.....	24
The Balmoral.....	25
Five Projects by Library Specialist.....	26
Three Central Va. School Buildings.....	29
New Administration Building, Beaumont School	31
Dormont Knitwear Corp. Plant.....	32
Bowman Apple Products Co. Addition....	32
Woodlawn High School.....	33
Liberty Christian Church.....	33
Gymnasium, Massanutten Military Academy	35
Attorney's Office Building.....	37
Travelers' Guide.....	39
Virginia Business Review.....	40

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FREDERICK HERMAN

A native of Vienna, Austria, he was born February 22, 1924. Following his graduation from the College of William and Mary in 1948, he attended the Fletcher School of Tufts University in Boston, where he received his M.A., M.A.L.D. and Ph.D. Degrees. A member of Phi Beta Kappa, he was an Associate Member of the Virginia Chapter, A.I.A. from 1957 until his recent election to Corporate. Since June, 1953, he has been with Bernard B. Spigel, Architect in Norfolk.

(Continued on page 8)

CORRECTIONS

- In our November cover story on the Richmond Federal Office Building, Kenneth R. Higgins, Landscape Architect, was not given the credit for the splendid planting around the building. Our regrets for the omission of credit for such an important part of the project.
- The Michaels Art Bronze Co., Inc., advertisement in the November issue erroneously carried the name of Virginia Engineering Company as general contractors for the Federal Office Building. The general contractor was Wise Contracting Co., Inc., Richmond.



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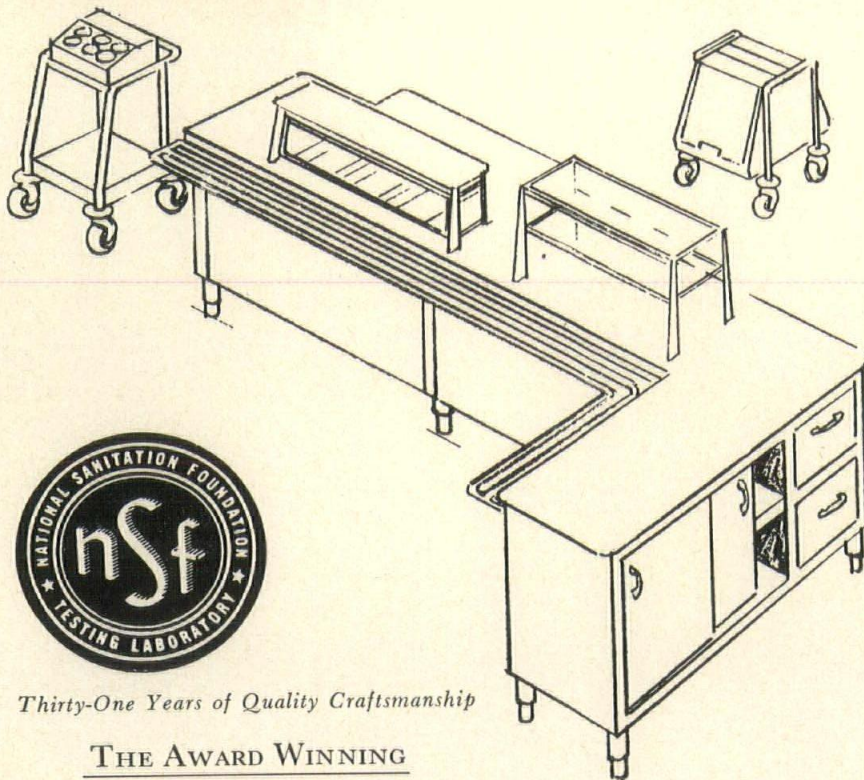
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FRANK C. HOLTON, JR.

Born in Princeton, West Virginia, June 5, 1930, he attended Maury High School in Norfolk. Following one year at Hampden-Sydney College, he attended Virginia Polytechnic Institute where he received the Alpha Rho Chi Medal and a Bachelor of Architecture Degree in 1958. Until his election as a Corporate Member, he had been an Associate Member of the Virginia Chapter since January 13, 1961. He is with Oliver and Smith in Norfolk.



HENRY L. RAVENHORST

He was born in Reasoner, Iowa, August 19, 1913, and graduated from high school in Lexington, Virginia, in 1931. After receiving a B.S. from Washington and Lee University, he attended Harvard where he earned a certificate in 1942. A draftsman-designer with Fleming R. and C. D. Hurt, Jr., Architects, in their Lexington office, he became an Associate Member of the Virginia Chapter in 1950.

(Continued on page 11)

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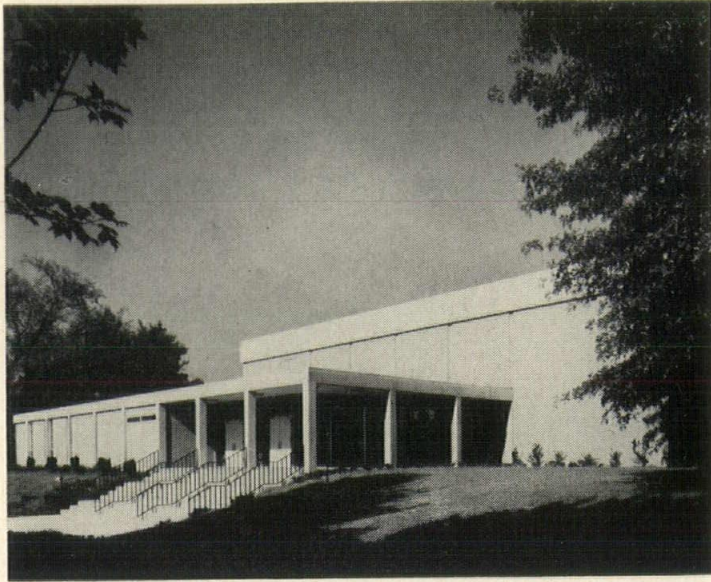
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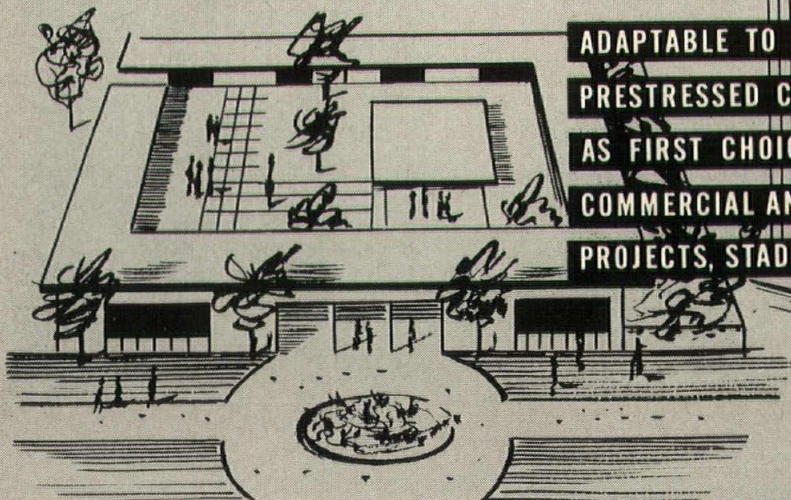
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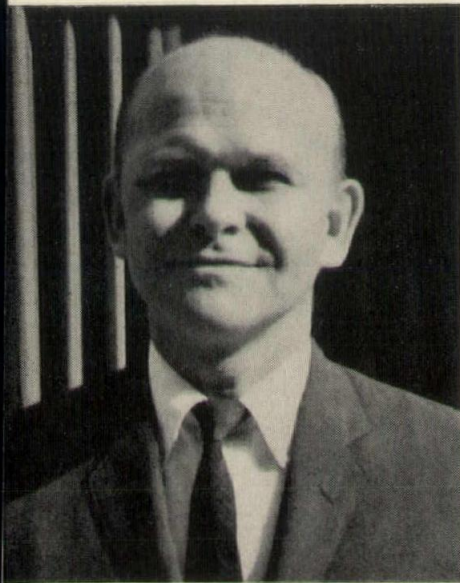


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Born June 25, 1922 in Norfolk, Virginia, he graduated from Maury High School and received a B.S. Degree in Architecture from the University of Virginia in 1954. The summer following graduation, he held the Edward Langley Scholarship-A.I.A. for post-graduate work. Since November, 1958, he has been with McGaughy & Associates in Norfolk.



MARVIN RAY JORDAN

Born in Corapeake, North Carolina, March 24, 1921, he was educated at the Newport News Apprentice School and received a Bachelor of Architecture Degree in 1953 from the University of Michigan. He has been with Oliver & Smith, Architects in Norfolk since December, 1957.

(Continued on page 12)

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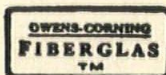
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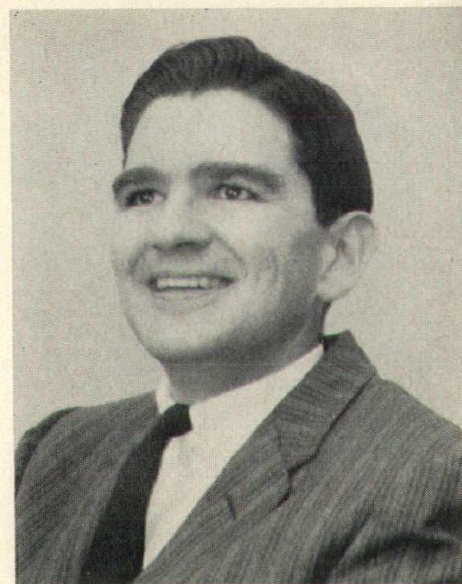
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LEWIS A. RIGHTMIER

A native of Jewell County, Kansas, he was born June 22, 1928; attended high school in Mankato, Kansas; and received a Bachelor of Architecture Degree in 1954 from Kansas State College. Since January, 1962, he has been an associate with Harry R. Dudley, Jr., Architect in Norfolk.



ARNOLD FRED YOUNG

Born in Rowan County, North Carolina, November 18, 1931, he attended Spencer High School, and graduated in 1956 from North Carolina State College in Raleigh with a Bachelor of Architecture Degree. He has been with Forrest Coile & Associates in Newport News since December, 1960.

(Continued on page 14)

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DAN ERIC GRIFFIN

A native of Portsmouth, he was born February 20, 1939. He graduated from Churchland High School in 1957, and attended the Norfolk Division of the College of William and Mary for two years. Since 1960, he has been an architectural draftsman with Waller & Britt, Architects in Portsmouth.

MATTHIAS E. KAYHOE

Born in Richmond, September 25, 1930, he graduated from Thomas Jefferson High School in 1947 and received a certificate from St. Christopher's School the next year. Following his graduation from the University of Virginia with a B.S. in Architecture, he attended Cranbrook Institute of Art in Michigan and received a Master of Architecture Degree in 1959. He is now in business for himself in Charlottesville and is also Assistant Professor in the School of Architecture at the University.

NEW JUNIOR ASSOCIATE MEMBER

ROBERT G. CAPPS

A native of Rogersville, Tennessee, he was born December 31, 1940, and graduated from Warwick High School in Newport News in 1958. He earned a certificate in Architectural Drafting Technology from the Norfolk Division of the College of William and Mary in 1960. Since 1961, he has been a draftsman with Forrest Coile & Associates in Newport News.

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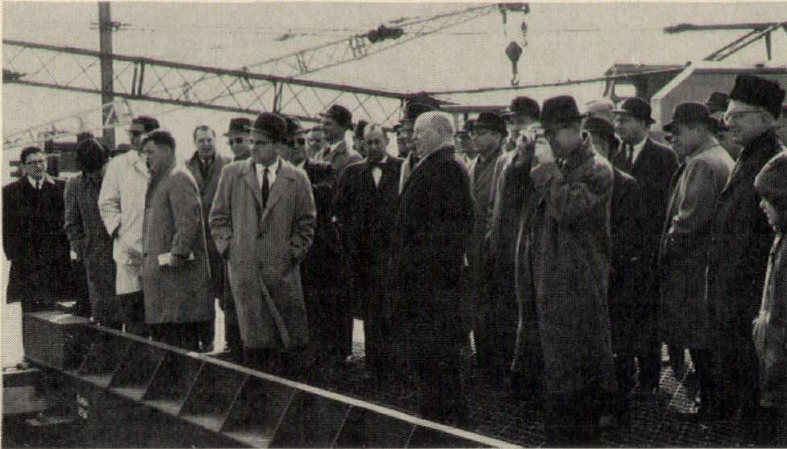
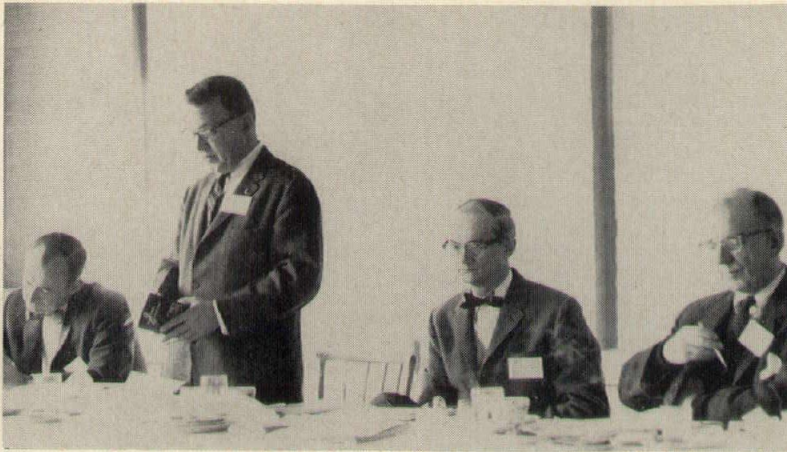
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New Fairfax County Library. Page 26



VIRGINIA CHAPTER, AIA, MEETING

from top to bottom at the left are the four speakers on "expanded architectural services": Middle Atlantic Regional Director Charles M. Nes, Jr., of Baltimore; AIA Staff Headquarters speaker M. Elliott Carroll; Herbert E. Millkey, FAIA of Atlanta and Marcellus Wright, Jr., FAIA. Across the top John Owen, Virginia Chapter President conducts the Chapter business session with, left to right, Ben Johns, Charles Wilkerson and Clarence Meakin. At the right of the top line, Ben Johns, Chairman for the 50th anniversary celebration for the Virginia Chapter AIA in 1964, brings the members up-to-date on his committee's activities. In the middle of the second strip the Virginia Chapter AIA members view the Port Authority's new cargo pier under the guidance of Colonel Hill while Glen Yates snaps a picture. At the right Joe Laramore views the exhibit of letterheads from 100 distinguished architectural offices. At the right of the third strip Ben Johns and Jim McIntosh talk with Andre Sishman during Ted Hamre's AAA Wire Products coffee break. Bottom, center, the Virginia Chapter AIA architects get a surprise view of the S.S. United States as they reach the first man-made island of the Chesapeake Bay Bridge Tunnel. And at the right of that line, in training for the national meeting at Miami Beach, Ben Britt himself.





FIRST NATIONAL TRUST & SAVINGS
BANK OF LYNCHBURG DESIGNED
BY CLARK, NEXSEN AND OWEN

CONSULTANTS INCLUDED: FRANK G. GUTHRIDGE, CHICAGO, BANK PLANNING; WILEY & WILSON, LYNCHBURG, MECHANICAL AND ELECTRICAL; FRAIOLI-BLUM-YESSELMAN, NORFOLK, STRUCTURAL; MARSHALL FIELD & CO., CHICAGO, INTERIOR DESIGN; C. L. LEWIS & CO., INC., LYNCHBURG, GENERAL CONTRACTOR.

● The First National Trust and Savings Bank of Lynchburg is a handsome four story and basement addition to that city's skyline. Designed by Clark, Nexsen and Owen, Architects, it cost a million and a half dollars including equipment. Sheathed in white marble, with a granite base, the 68 by 113 foot building is a feature of the Hill City's Main Street.

The new structure was 18 months in building, having been started in April of 1960 and occupied in September of 1961. It contains 35,000 square feet of floor space and provides a main banking room on the first floor, and vaults, director's room, employees' lunch room and kitchen on the floor below. The second floor contains handsome quarters for the Trust Department and its activities, including trust bookkeeping, installment loan bookkeeping and machinery. The third floor is occupied by the commercial check handling department and contains also an employees' lounge.

The building contains two elevators. Toilets are located on each floor. All spaces are air conditioned and there are ample storage facilities for records, stationery and supplies. A system of electric lifts speeds the flow of material between the various departments.

Two parking decks are provided: one, from the Main Street level, serves the bank's customers and also contains drive-in tellers' windows; the other, on a lower level, is for employees and is entered from Tenth Street.

Subcontractors and suppliers included the following:

E. W. Yeatts, Altavista, excavating; Lynchburg Ready Mix Concrete Co., Inc., Lynchburg, concrete; Virginia Dunbrik Co., Inc., Lynchburg, masonry supplier; Bristol Steel & Iron Works, Inc., Bristol, steel; H. H. Robertson Co., Pittsburgh, steel roof deck; T. B. Dornin-Adams Co., Inc., Lynchburg, roofing.

Also, Martin Tile & Marble Co., Inc., Richmond, ceramic tile, terrazzo, stone work; Republic Steel Corp., windows; Lynchburg Plate Glass Co., Lynchburg, glazing; Davidow Paint & Wallpaper Co., Roanoke, painting; W. Morton Northen & Co., Inc., Richmond, acoustical; C. W. Kirkland, Charlotte, N. C., plaster.

Others were Bailey-Spencer Hardware Co., Inc., Lynchburg, hardware; Taylor Bros., Inc., Lynchburg, millwork; Clarke Electric Co., Inc., Danville, lighting fixtures, electrical work; Wachter & Wolfe Corp., Richmond, plumbing fixtures, plumbing, air conditioning, heating, ventilating; Monarch Elevator & Machine Co., Greensboro, N. C., elevators.

Suppliers of special equipment included American Furniture & Fixture Co., Inc., Richmond, bank fixtures; Mosler Safe Co., Atlanta, vault doors and equipment; Virginia Metal Products, Inc., Orange, movable rental partitions; Marshall Field & Co., Chicago, (Risom) loose furniture.





Concrete Suppliers for the New Clover Leaf Shopping Center. See Page 24

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KINSEY & MOTLEY
Architects

SOWERS, RODES & WHITESCARVER
Engineering Consultants

ROANOKE VALLEY REALTY CORP.
General Contractor

SUBCONTRACTORS & SUPPLIERS

Concrete Ready Mixed Corp., concrete; Old Virginia Brick Co., Inc., Lightweight Block Co., Inc., masonry suppliers; T. A. Dunford, masonry contractor; Virginia Prestressed Concrete Corp., prestressed concrete; Tectum Corp., Columbus, Ohio, 3" Tectum roof deck; Dame Roofing Co., roofing, air conditioning, heating and ventilating.

Also, The William Bayley Co., Springfield, Ohio, windows; Salem Glass Corp., glazing; L. G. Crosswhite, painting; Lightweight Block Co., Inc., structural tile; The Hampshire Corp., resilient tile, acoustical; McClung Lumber Co., Inc., Yale hardware, steel doors and bucks, millwork; Bush Electric Co., electrical work (fixtures by Thomas Industries, Inc., Moe Light Div.); H. M. Wood Plumbing & Heating, plumbing.

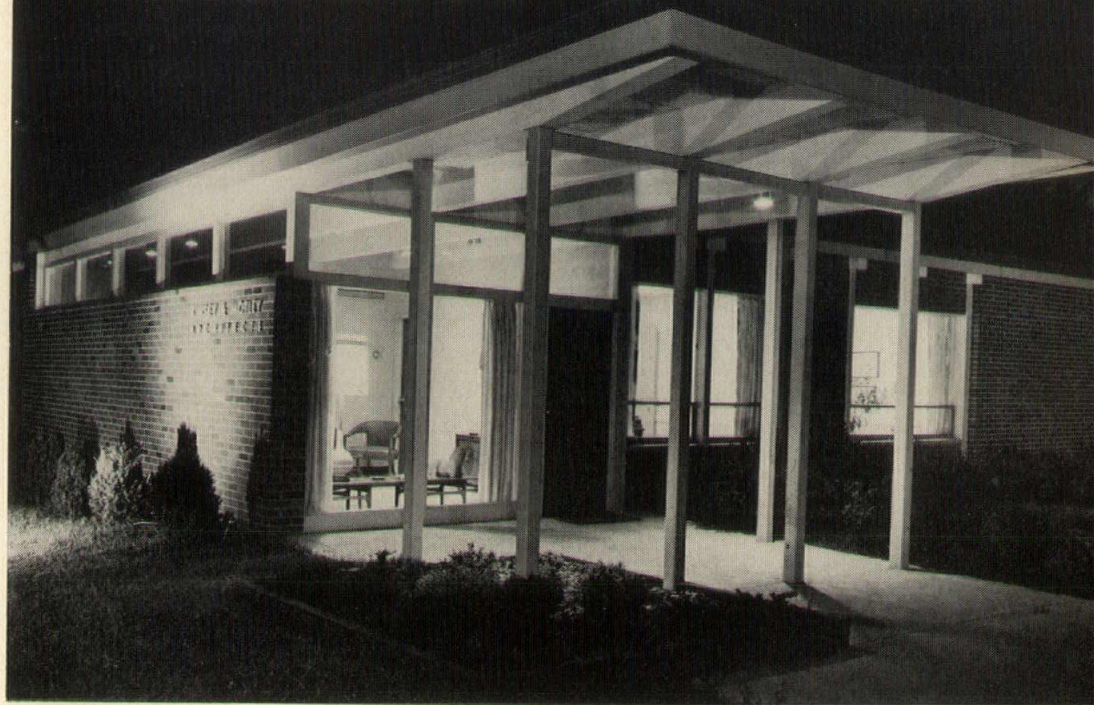
Roanoke Valley Realty Corp., the general contractor, also did the excavating, foundations, carpentry, waterproofing, weatherstripping and insulation.

All are Roanoke-Salem area firms unless otherwise noted.

BELOW: Architects' waiting room



ARCHITECTS' OFFICES



● Construction was completed in June of 1961 for a small professional building located on West Main Street in Salem. The building contains approximately 4236 sq. ft. of floor space, and was constructed at a cost of approximately \$11.00 per sq. ft. Divided by two 8" interior masonry bearing walls, the building becomes basically three buildings in one. Designed specifically for its tenants, approximately 1320 sq. ft. is occupied by Kinsey & Motley, Architects; 673 sq. ft. by Dr. Robert McClanahan, dentist; 761 sq. ft. by Dr. Frank McKenney, medical doctor; and 1482 sq. ft. by The Colonial Beauty Salon.

The Architects' Office contains a reception and waiting room, secretarial space, business office, two private offices, combination library-conference room, storage room, toilet facilities, and a drafting room to comfortably accommodate five drafting boards.

The Dentist's Office contains a waiting room, business office, private office, laboratory, dark room, toilet facilities, and two operatories. The Doctor's Office contains a waiting room, business office, laboratory, toilet facilities, storage room, and three treatment rooms.

The Beauty Salon is divided into spaces to provide a waiting room, business office, lounge, toilet facilities, storage and large open area for 10 booths, and 14 dryers.

Each tenant has both front and rear entrances with parking at the rear of the building.

Three heating and air conditioning units are employed, one for the Architects' Office, one for the Beauty Salon, and one for the Doctor's and Dentist's Office combined.

The building is concrete slabs on earth, with brick and block exterior bearing walls, exposed concrete block interior partitions, vinyl asbestos tile floors and rubber base. The roof is constructed of 12" deep pre-stressed concrete joist, 4' 0" o.c., 2" Insulrock deck and 20 year bonded built-up roof. Exposed roof construction becomes the finished ceiling in most of the areas with acoustic tile being used in some offices.



THE 6th & Broad Street Branch of State-Planters is the oldest of its branch banks. This branch is also the bank's largest.

The location had been on the north side of Broad Street, one door removed from the corner of 6th Street. A discount center occupied the adjacent corner site. Since the bank owned the corner it was clear that an opportunity was being missed in not utilizing it. The accompanying photograph of the corner before the improvements illustrates the condition that existed.

The objectives in the remodeling were fourfold:

1. To increase floor space within the main banking room to eliminate congestion in customer areas on peak banking days.

Existing tellers' counters were moved back to achieve a gain of more than 50% in customer space while retaining adequate work space.

The removal of many columns was ruled out because of excessive cost. However one key column was eliminated to great advantage.

2. To gain additional teller windows and officers' space.

It was found possible to add five

STATE-PLANTERS BANK, RICHMOND

ALAN McCULLOUGH
Architect

HANKINS & ANDERSON
Mechanical & Electrical Consultants

TORRENCE, DREELIN & ASSOCIATES
Structural Consultants

TAYLOR & PARRISH, INC.
General Contractor

MILLER & RHOADS, INC.
Interior Decorator

SUBCONTRACTORS & SUPPLIERS

Hammond Masonry Corp., masonry; Richmond Steel Co., Inc., steel; N. W. Martin & Bros., Inc., stone work; Oliva & Lazzari, Inc., stone work, ceramic tile, terrazzo; Sash, Door & Glass Corp., windows, window walls, glazing; J. C. Hungerford, Inc., painting.

American Furniture & Fixture Co., Inc., paneling, bank fixtures; Richmond Primoid, Inc., waterproofing; J. A. Wilton, Jr., plaster; McL. T. O'Ferrall & Co., resilient tile; Miller Mfg. Co., Inc., millwork; Blumcraft of Pittsburgh, handrails; Northside Electric Co., electrical work; W. H. White, Sr., plumbing, air conditioning, heating, ventilating; Virginia Elevator Co., Inc., elevator.

Taylor & Parrish, Inc., the general contractor, also did the excavating, piling, foundations and carpentry.

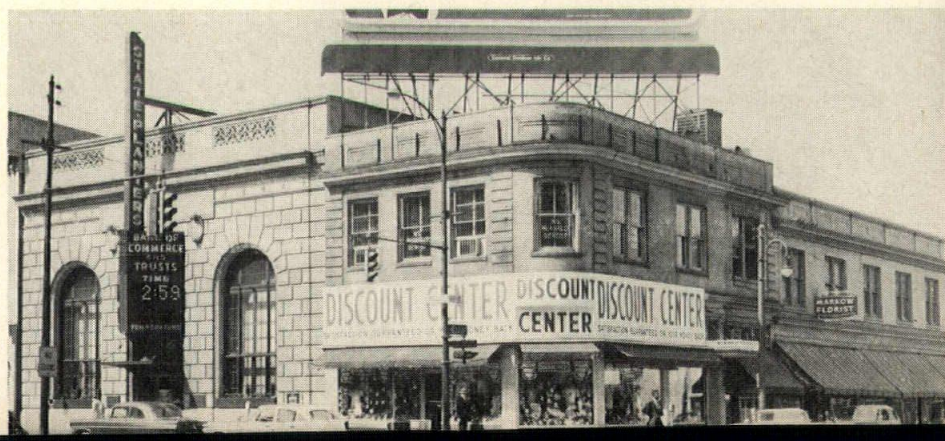
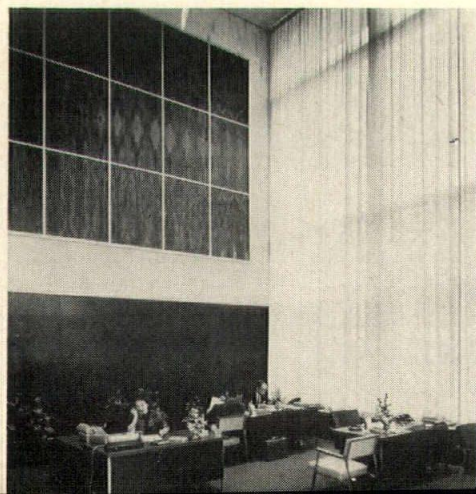
All are Richmond firms.

tellers and gain more generous officers' desk space.

3. To modernize the character of the building including, of course, air conditioning and new bank fixtures, etc.
4. To utilize the advantage of the corner of 6th & Broad as a prominent and easy to find entrance. To make the entrance open and inviting to the public.

Every factor pointed to the desirability of a corner entrance including the fact that much pedestrian traffic from the Civic Center and the Federal Building will move along 6th Street. Accordingly, the old entrance into the bank was closed and a new one developed to the side, entered from the two story glass entrance lobby. This lobby provides desk space also for a receptionist and for three new-business officers. Libbey - Owens - Ford gray glass was selected in this area which together with Fiberglass draperies provide light and glare control.

Large rosewood plywood panels on the high walls of the glazed entrance lobby lend warmth and contrast to the Cherokee marble and Alberene Stone wall surfaces surrounding them.





New Bridge Baptist Church, Richmond

CHARLES SHIFLETT, AIA — THOMAS A. GRESHAM, AIA: Architects

ROACHE, MERCER & FAISON
Mechanical Consultants

HENRY P. SADLER
Structural Consultant

ANCHOR CONSTRUCTION CO., INC.
General Contractor

THE NEW BRIDGE BAPTIST CHURCH located at 5915 Nine Mile Road in Richmond was designed by Charles Shiflett—Thomas A Gresham, Associated Architects.

According to the pastor of the Church, the Rev. David Hammock, the original church was constituted in June 1834. The original church was disorganized during the War Between the States. The church building was used as a hospital for wounded Confederate soldiers during the War. The bridge across the Chickahominy River, from which the church got its name, was destroyed during this period by the retreating armies of General "Stonewall" Jackson before advancing Northern troops.

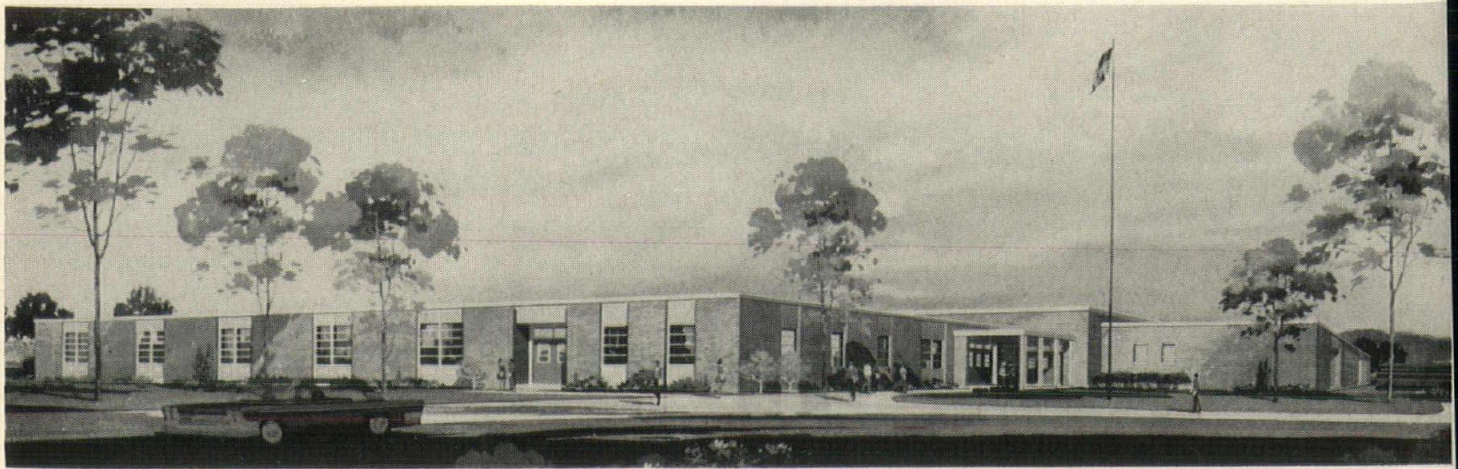
The latest addition consists of a sanctuary, fellowship hall, office suite, a new nursery, choir robing and rehearsal room, kitchen and several primary classrooms.

The sanctuary seats approximately 1000 people and is completely air-conditioned. The new fellowship hall will accommodate 250 people.

Subcontractors and suppliers included Frank McAllister, masonry contractor; Montague-Betts Co., Inc., steel; Whitley Roofing Co., Inc., roofing; Clinton's, Inc., painting; Richmond Tile & Mosaic Co., ceramic tile; A. Bertozzi, plaster; Pleasants Hardware, hardware; H. Beckstoffer's Sons, structural wood; Morris Hunter, Inc., lighting fixtures, electrical work; Wallmeyer-Hazelgrove & Co., Inc., plumbing, air conditioning, heating and ventilating; Russell Church Studios, Winston-Salem, stained glass. All are Richmond firms unless otherwise specified.



AIR CONDITIONED ELEMENTARY SCHOOL



PLEASANT VALLEY ELEMENTARY SCHOOL

DAVIS & McCLINTOCK: Architects

CONSTRUCTION has just started on the Pleasant Valley Elementary School in Rockingham County, for which Davis and McClintock were the architects. The new school contains several departures from conventional school design which the architects say has helped them attain the low \$10.90 per square foot cost and a greater use of the space in the building.

Totally air-conditioned, the class rooms will have just one eight-foot window each, a departure from usual standards made possible by the controlled environment. The building is "U" shaped, 224 by 155 feet and one story. The exterior walls are brick containing steel windows. The floors are concrete and the roof built-up.

The heating and cooling of the new building will be by a York central system with an electric heat pump.

In addition to the low cost, the architects point to the rearrangement of spaces made possible by the air conditioning which results in a lower floor area per student than other schools in this same district.

The building is expected to be completed by August of this year, a minimum construction time pointed to by the architects as another evidence of the value of the specialized planning.

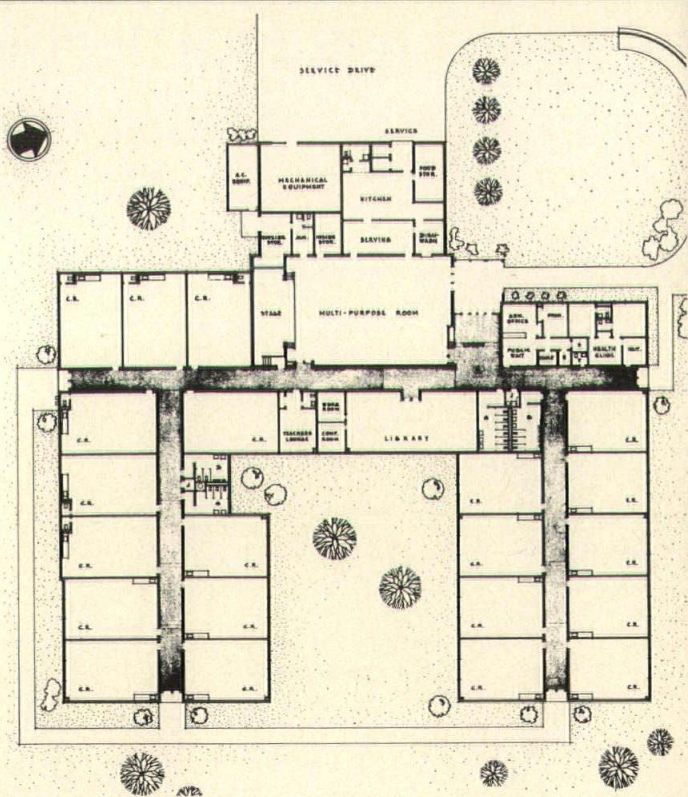
Subcontractors and suppliers include the following:

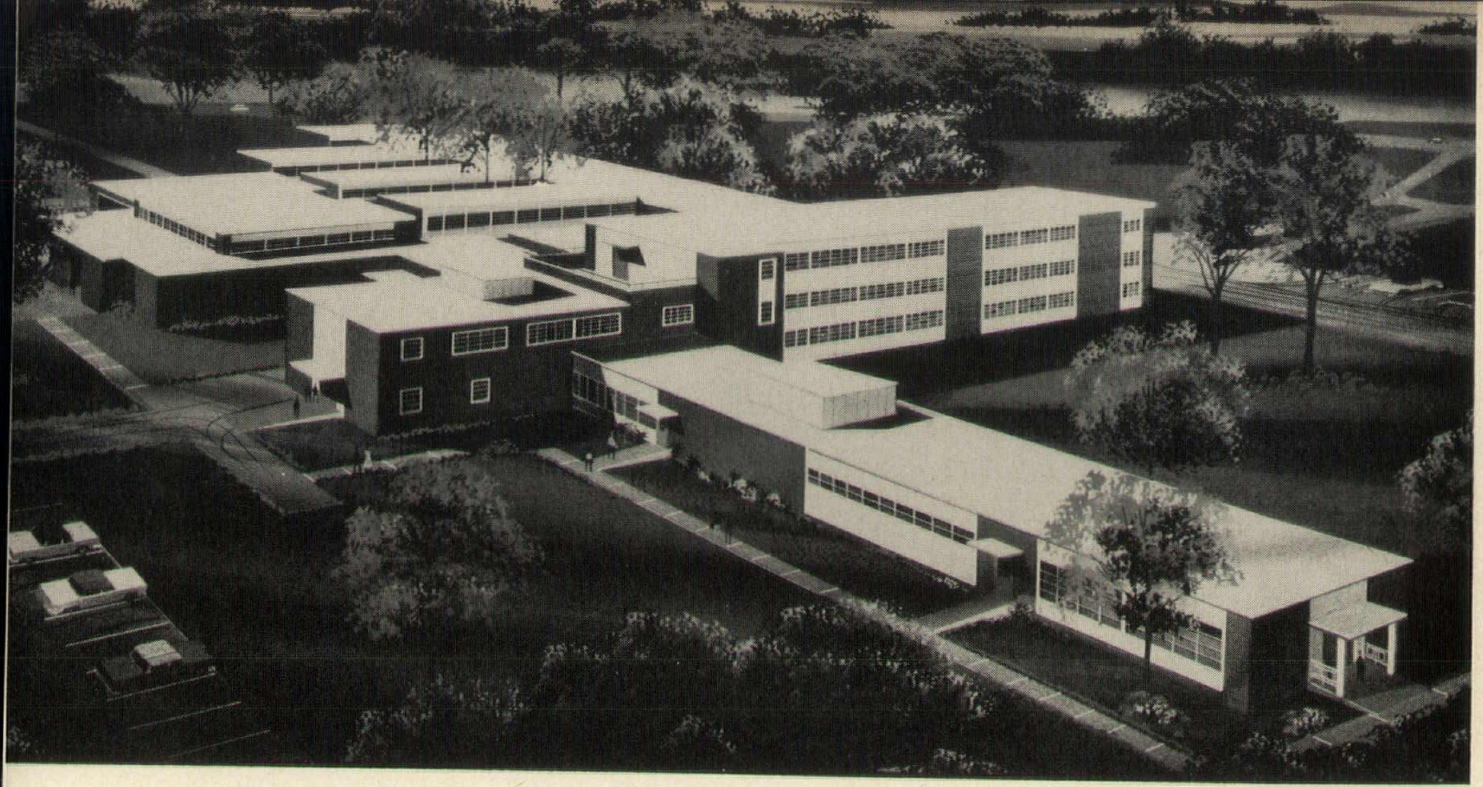
David A. Reed, Harrisonburg, excavating; Betts & Frazier, Inc., Harrisonburg, concrete; Structural Steel Co., Inc., Roanoke, steel; Republic Steel Corp., steel roof deck; windows, window walls, Truscon Div., Republic Steel Corp.; Zirkle & Zirkle, Harrisonburg, painting, plastic wall finish; Glazed Products, Inc., Martinsville, structural tile; Electrical Contracting Corp., Harrisonburg, electrical work (Westinghouse fixtures); Riddleberger Bros., Inc., Harrisonburg, (Kohler) plumbing, air conditioning, heating and ventilating; Schultz & James, Richmond, Nesbitt unit air conditioners.

Stone work is to be Indiana limestone; steel doors and bucks, D & H PyroDor. The general contractor is doing the excavating and also the masonry work, with masonry supplied by Roanoke-Webster Brick Co., Inc., Roanoke.

SOWERS, RODES & WHITESCARVER
Mechanical & Electrical Consultants

J. H. FRALIN & SON
General Contractor





NORFOLK MUNICIPAL HOSPITAL

VANSANT & GUSLER
Electrical & Mechanical Consultants

BERNARD B. SPIGEL, AIA: Architect
ROBERT R. MARQUIS, INC.
General Contractor

E. B. SMALL
Structural Consultant

● Currently nearing completion, extensive additions and alterations are going to make Norfolk Municipal Hospital into a pace-setting facility for Virginia.

Norfolk Municipal Hospital is one of the first facilities designed exclusively for the care of the chronically ill aged. As a group, these patients require a degree of care superior to that available in nursing homes, but not as intensive, or extensive, as that available in a general hospital.

The new addition includes a kitchen-cafeteria building, a medical wing, bed spaces for 140 old patients, and the remodeling of existing facilities to provide required recreational spaces and other supporting facilities.

The most interesting provisions for the care of the patients are a 30-bed intensive care unit and the medical wing. The intensive care unit allows the concentration of critically ill patients into one area, where a far higher level of staffing and built-in facilities such as oxygen lines will be available. In centralizing these facilities, overall staffing could be reduced as the other patients will only require a minimal amount of care. The medical wing provides the supporting facilities for treatment. In line with the type of patients and their illness, emphasis has been placed on providing services which will be in constant demand, notably x-ray, cystoscopy, an eye clinic, laboratory,

and an extensive physical-hydrotherapy area as well as areas for examination and minor treatment. Surgical cases are to be referred to local general hospitals.

The entire facilities have been designed to help the patient to help himself. Wide doors, handrails, ramps, physiotherapy with a training area for daily living activities, specially designed bathing and toilet areas, all encourage the patient to personal activity. In addition, bright cheerful colors, appropriate furnishings, the dining and recreational areas, all emphasize the non-institutional look.

The new care facilities have been designed to permit subsequent expansion to 600 patients, as the need develops, for new bed space. Ultimately, Norfolk Municipal might well become the central facility for a comprehensive attack on the problems of our ill senior citizens.

The buildings themselves are steel frame with concrete floorslabs. Exterior walls are brick with aluminum windows and "Tecfab" wall panels with a tan colored exposed aggregate. Stone piers and surrounds accent the entrances. Interior finishes include tile wainscots, terrazzo and soft tile floors, plaster walls and ceilings and built-in wooden furniture. Vertical transportation is assured by two hydraulic elevators.

SUBCONTRACTORS & SUPPLIERS

Phase I

Manson & Utley, Inc., acoustical work; Volta Electric Co., Inc., electrical work; Walker & Laberge Co., Inc., glass and glazing; Seaboard Paint & Supply Co., Inc., hardware; Baker & Company, kitchen equipment; United Fireproofing Corp., masonry; Miller Mfg. Co., Inc., millwork; Harry E. Paul, Inc., painting; Birsch Construction Corp., paving, concrete; J. T. Eley, Jr., plastering; Coley & Petersen, Inc., plumbing, heating, and air conditioning; C. C. Foreman & Son, Inc., refrigerator boxes; Hall-Hodges Co., Inc., aluminum windows, reinforcing steel; Roof Engineering Corp., roofing and sheet metal, Tectum roof deck; Economy Cast Stone Co., stone, panels and trim; Marshall Steel Co., Inc., structural, miscellaneous steel; Ajax Co., Inc., resilient tile, ceramic tile, quarry tile, terrazzo; Brisk Waterproofing Co., Inc., waterproofing.

* * *

SUBCONTRACTORS & SUPPLIERS

Phase II

W. Morton Northen & Co., Inc., resilient tile, acoustical work; Door Engineering, folding doors; Hall-Hodges Co., Inc., reinforcing steel, aluminum windows, metal doors and frames; Volta Electric Co., Inc., electrical work; L. F. Chiselbrook, elevators; Walker & Laberge Co., Inc., glass and glazing; Construction Supply Corp., hardware; United Fireproofing Corp., masonry; Burton Lumber Corp., millwork; Shaw Paint & Wall Paper Co., Inc., painting; Birsch Construction Corp., paving, concrete; J. T. Eley, Jr., plastering; W. B. Middleton, Inc., plumbing, heating and air conditioning; Roof Engineering Corp., roofing and sheet metal; J. B. Eurell Co., Tectum roof deck; High Point Sprinkler Co., Inc., sprinkler system; Economy Cast Stone Co., stone, panels and trim; Barnum-Bruns Iron Works, structural, miscellaneous steel; Joshua Swain & Co., Inc., ceramic and quarry tile, terrazzo; Lewis & Sale, Inc., toilet partitions; Huntington Woodwork, wardrobe units.



• The Clover Leaf Shopping Center in Harrisonburg, owned by C. O. Conrad, was designed by D'Earcy P. Davis, Jr., AIA and Clyde E. McClintock, AIA, Architect and Engineer, all of Harrisonburg, and is being built by the Thornton Construction Company, of New Market. According to the architects, it is now about 40 per cent complete. 42,000 square feet are being built in the present increment with preliminary planning now underway for the next section.

The current construction is 335 by an average of 120 feet, is rectangular and of one story. The exterior walls are of brick with the interior walls of

CLOVER LEAF SHOPPING CENTER, HARRISONBURG

D'EARCY P. DAVIS, AIA
CLYDE McCLINTOCK, AIA
Architect-Engineer

THORNTON CONSTRUCTION CO.
General Contractor

block with a Zonolite roof, steel windows and floors of concrete, asphalt tile and terrazzo.

SUBCONTRACTORS & SUPPLIERS

Harrisonburg firms: David A. Reed, excavating; Superior Concrete, Inc., concrete; Valley Glass Co., glazing; Harrisonburg Electric Supply Co., Inc., electrical work; Riddleberger Brothers, Inc., plumbing, air conditioning, heating and ventilating.

Lynchburg firms: T. B. Dornin-Adams Co., Inc., roof deck, roofing; Harry L. Currier, windows.

Richmond firms: S & W Steel Co., Inc., steel; W. Morton Northen & Co., Inc., resilient tile, acoustical; Pleasants Hardware, hardware; Miller Mfg. Co., Inc., millwork; J. S. Archer Co., steel doors and bucks; L. W. Roberts Co., lighting fixtures.

Also, Webster Brick Co., Roanoke, masonry supplier; Standard Tile Co., Inc., Staunton, ceramic tile, terrazzo.

The general contractor did the work on foundations, masonry, carpentry and painting.

Two New Shopping Centers

• A new and imaginative yet conservative concept in shopping design for the town of Pulaski, Virginia will be under construction by the time of this printing. Another step toward the development and progressiveness of the Southwest Virginia area.

The Shopping Plaza, owned and developed by T. J. McCarthy of Pulaski, Virginia and leased by Martin J. O'Brien of Cleveland, Ohio will consist of six new stores: Roses, Singer Sewing Machine, Montgomery Ward, Peoples Drugs and two unassigned areas with prospective tenants, plus two existing stores, T. V. Stamp and Krogers.

The level 5.97 acre site was currently the site of the historic Maple

PULASKI BUSINESS PLAZA

T. A. CARTER, JR.
Architect

GEORGE W. KANE, INC.
General Contractor

Shade Inn, a well known landmark to Southwest Virginia, erected approximately in 1888.

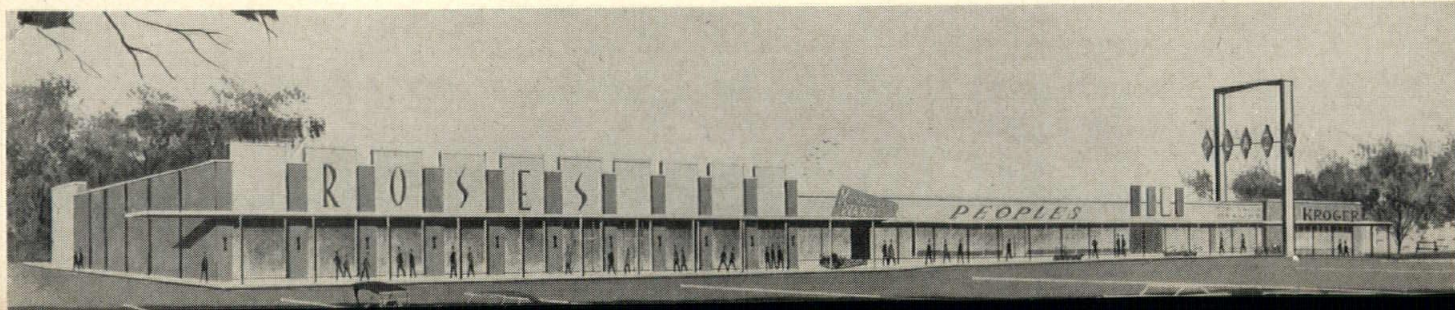
The site is located in direct relationship to residential areas, service and professional facilities and downtown Pulaski. It is flanked on the east by U. S. Route 11, on the north by the

(Continued on page 39)

SUBCONTRACTORS & SUPPLIERS

Valley Steel Corp., Roanoke, reinforcing steel and wire mesh; Carolina Steel & Iron Co., Greensboro, N. C., steel; Southern Roof Deck Co., Roanoke, steel roof deck; Weldon Roofing & Sheet Metal Co., Weldon, N. C., roofing; Economy Cast Stone Co., Richmond, stone work; Parkway Glass & Mirror, Roanoke, glazing; Hesse & Hurt, Inc., Roanoke, painting.

Marus Marble & Tile Co., Inc., Greensboro, terrazzo, ceramic tile; R. L. Dresser, Inc., Raleigh, N. C., resilient tile; Stahl-Rider, Inc., Raleigh, air conditioning, heating and ventilating.



**REMODELED SHOP
IN SALEM
DESIGNED BY
KINSEY & MOTLEY**

The Balmoral

SOWERS, RODES & WHITESCARVER
Consulting Engineers

VALLEY CONTRACTORS CORP.
General Contractor

SUBCONTRACTORS & SUPPLIERS

Concrete Ready Mixed Corp., concrete; Roanoke Iron & Bridge Works, steel; Parkway Glass & Mirror Co., glazing, windows; Salem Paint Co., painting; Charles J. Krebs Co., resilient tile; Hampshire Corp., acoustical, plaster; Graves-Humphreys, Inc., hardware; Blue Ridge Building Supply, Inc., millwork; Bush Electric Co., lighting fixtures, electrical work; Johnston-Vest Electric Corp., air conditioning, heating, ventilating; E. V. Poff & Son, Inc., stone paving.

The general contractor did the work on foundations, masonry, stone work, carpentry and paneling.

All firms are located in the Roanoke-Salem area.



● The Balmoral is a new shop in the Salem downtown shopping area, specializing in women's sporting and casual clothes. When the idea was conceived by Mrs. T. V. Anderton, owner, an existing building with a 25' front and approximately 120' deep was leased. Realizing that the existing building in no way was in keeping with the type shop desired, Mrs. Anderton employed the services of Kinsey & Motley, Architects to undertake a complete remodeling job.

Mrs. Anderton desired to have the design in some way reflect the character of the Balmoral Castle in Scotland, from which the name of the shop was derived. Realizing that it would be most impractical to attempt to make the building resemble a castle, the architects decided upon the use of wood and stone assembled in a simple straightforward manner for the front, with only some suggestion in detail to recall the old castle-like atmosphere. Lights supported by heavy chains, rustic paneling, and a wall paper mural of the Royal Ancient Golf Course at St. Andrews, Scotland, was used.

The shop contains a lounge sales area, office area, two dressing rooms, and bargain room, stock rooms and toilet facilities. The sales area ceiling is of plastic panels and acoustic tile with concealed fluorescent tubes, combined with incandescent lights. The shop is heated and cooled with natural gas.



FIVE PROJECTS BY VIRGINIA

FAIRFAX COU

SHERM

ARLINGTON COUNTY PUBLIC LIBRARY

ALLEN C. MINNIX & SONS

General Contractor

SUBCONTRACTORS AND SUPPLIERS

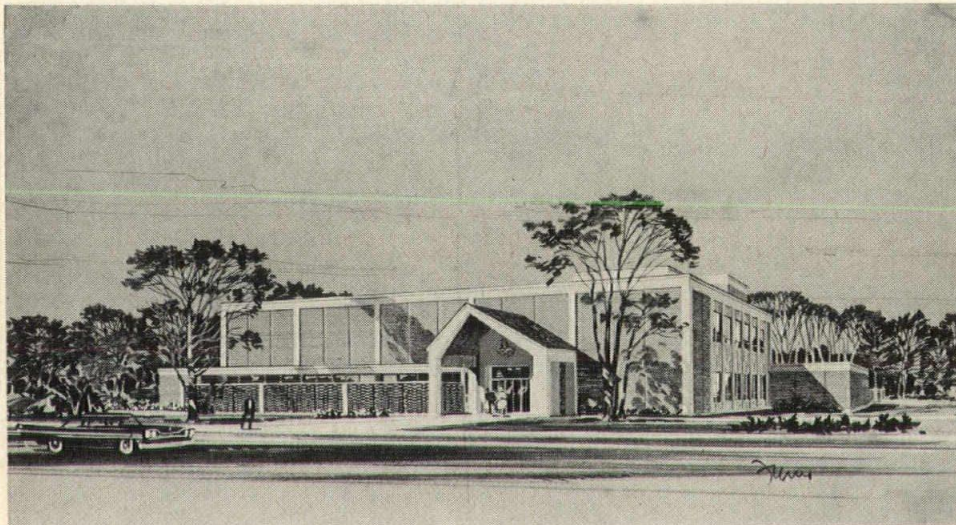
Alexandria firms: Kilpatrick Construction Corp., masonry supplier and contractor; Potomac Cast Stone, Inc., stone work; Statesville Mfg. Co., paneling; Anning-Johnson Co., acoustical.

Washington firms: Hamilton & Spiegel, Inc., roofing; Standard Art, Marble & Tile Co., ceramic tile, terrazzo; Acme Iron Works, Inc., handrails; Dorsett Electric Co., electrical work (Noland Company fixtures); Standard Floors, Inc., resilient tile.

Arlington firms: A.D.A. Plastering Co., Inc., plaster; Arlington Woodworking & Lumber Co., millwork; Brandt Co., (Noland Company) plumbing, air conditioning, heating, ventilating.

Also, Concrete Structures and Chesapeake Concrete Corp., Richmond, concrete; Adams & Westlake Co., Elkhart, Ind., windows, window walls; B. L. Jackson, III, Silver Spring, Md., painting; Virginia Metal Products, Inc., Orange, steel doors and bucks.

The general contractor did the work on excavating, concrete, carpentry, weatherstripping and waterproofing.



LAUTER CONSTRUCTION CO.

General Contractor

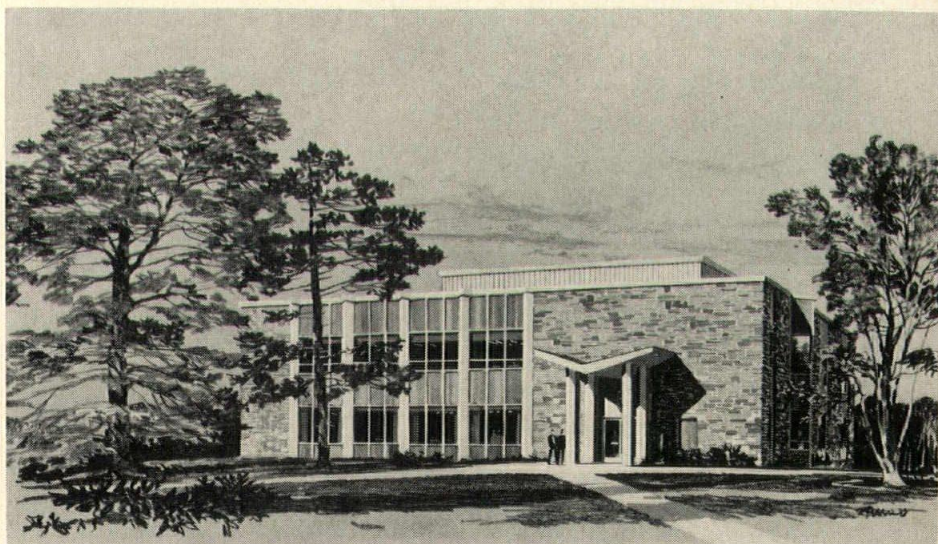
SUBCONTRACTORS & SUPPLIERS

Corson Concrete Co., Plymouth Meeting, Pa., concrete; John Conti Co., Inc., masonry contractor; Belmont Iron Works, steel; Granco Steel Products Co., through Span-Engineering Products Co., steel floor deck; J. B. Eurrell Co., Lansdowne, Pa., roof deck; J. Edward Linck Sheet Metal Works, roofing; McNeely Stone Co., Ellettsville, Ind., limestone work; Marmet Corp., Wausau, Wisc., windows, window walls; M. Krakovitz & Sons Co., glazing; Charles Shaid, painting; James P. Molyneaux, Drexel Hill, Pa., ceramic tile; Universal Floors, Inc., North Hills, Pa., resilient tile; Ideal Lumber Co., paneling; Drico Waterproofing Co., waterproofing; Progress Building Materials Co., insulation; John P. Gara, Inc., plaster; Atlas Terrazzo & Tile Co., terrazzo; Taylor Davis, Inc., steel doors and bucks, hardware; Ideal Lumber Co., millwork; G. M. Iron Works, handrails; J. P. Rainey & Co., lighting fixtures, electrical work; Philadelphia Piping & Equipment Co., plumbing fixtures, plumbing, air conditioning, heating and ventilating; Delaware Valley Elevator Co., elevator.

The general contractor did the work on excavating, foundations, and carpentry.

All are Philadelphia firms unless otherwise noted.

WESTMINSTER THEOLOGICAL SEMINARY LIBRARY

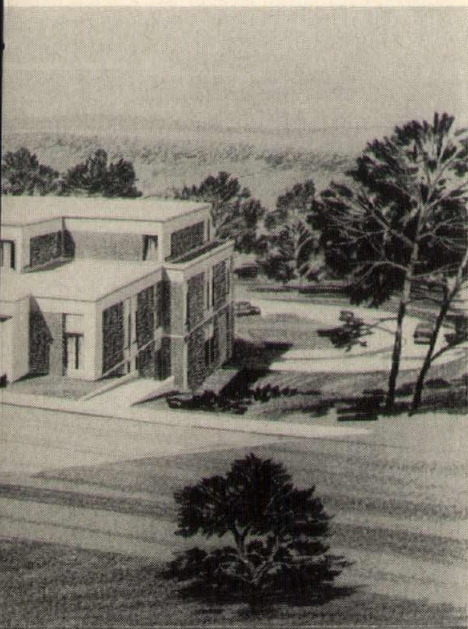


BRARY SPECIALIST

J. RUSSELL BAILEY, AIA
Architect

IC LIBRARY

CORP.



ELKHART PUBLIC LIBRARY

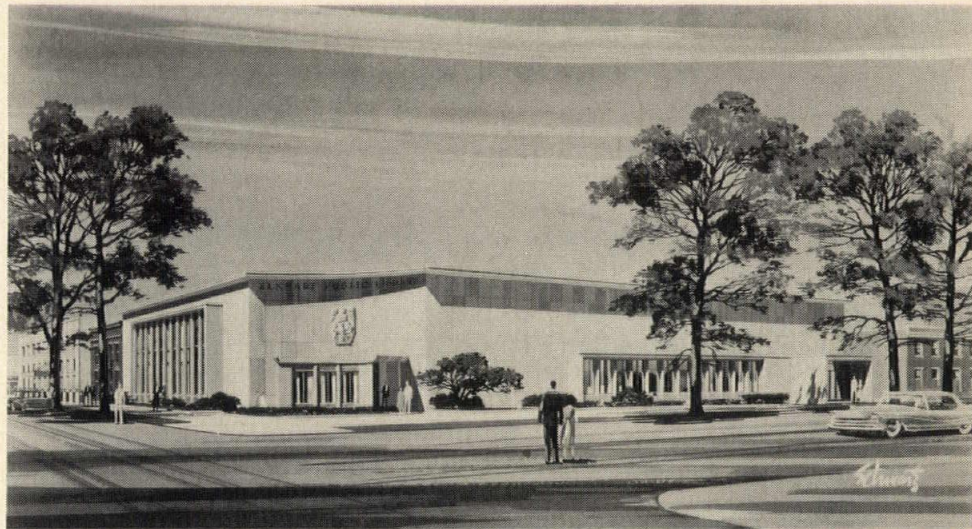
WRIGHT CONSTRUCTION CORP.

General Contractor

SUBCONTRACTORS AND SUPPLIERS

R. W. Nelson, excavating; Elkhart Gravel Corp., concrete; Cone-Crete Products Div., masonry supplier; Elkhart Bridge & Iron Co., steel; Hoge-Warren-Zimmerman Co., Chicago, poured gypsum roof deck; Burnstine's, Inc., roofing; Tucker Stone Co., Inc., Fairland, Ind., stone work; Adams & Westlake Co., windows, window walls; Pittsburgh Plate Glass Co., South Bend, Ind., glazing; Michiana Tile & Marble Co., South Bend, ceramic tile; Custom Tile Co., Inc., Warsaw, Ind., acoustical, resilient tile; Virginia Metal Products, Inc., Orange, Va., partitions, steel doors and bucks; Bourn & Moore, plaster; Miller Steel & Supply Co., hardware; Indiana Lumber & Mfg. Co., South Bend, millwork; Workinger Electric, Inc., lighting fixtures, electrical work; Shreiner & Sons, Inc., plumbing fixtures, plumbing, air conditioning, heating; Nelson Engineering Sales, South Bend, folding doors.

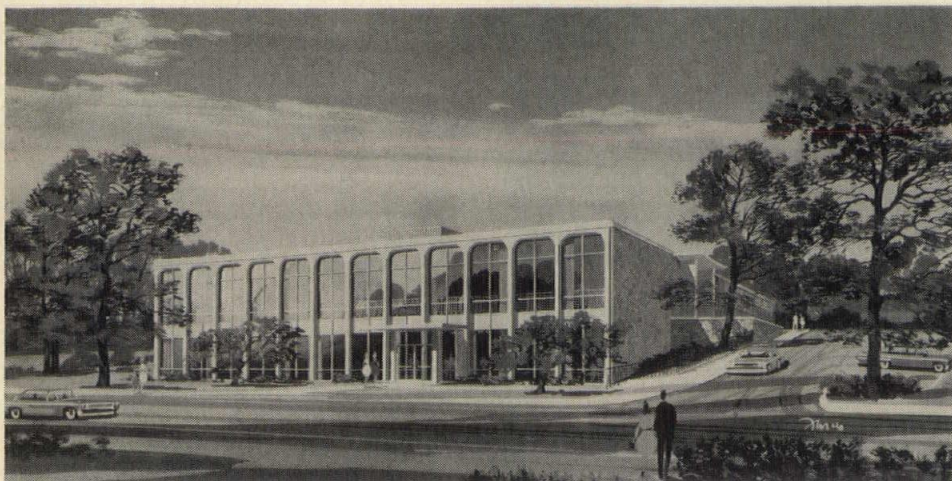
The general contractor did the work on excavations, masonry, carpentry and painting. All the firms listed above are of Elkhart, Indiana, unless otherwise noted.



PLIERS

rete Co., Inc., Springfield, concrete; Alexandria Inc., Arlington, roofing; Boatman & Magnani, Inc., windows; Hires Turner Glass Co., Arlington, Bladensburg, Md., resilient tile; acoustics, Inc., Arlington, wood flooring, acoustics, Inc., Springfield, hardware; Miller Mfg. Co., g. fixtures, electrical work; F. W. Harris, Inc., ex of cooling tower screen. terproofing.

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Standard Metal Products, Braddock, Pa., and Mulfab Corp., McKees Rock, Pa., steel; Caskie & Thomas, McKeesport, Pa., roofing; American Plate Glass, Pittsburgh, glazing; Redstone Acoustical, Pittsburgh, acoustical, resilient and ceramic tile; Fenestra, Inc., Pittsburgh, paneling; Pittsburgh Ply-Rite, Glenshaw, Pa., waterproofing; A. G. Mauro Co., Pittsburgh, hardware; E. M. Hill Lumber Co., Carnegie, millwork.

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General contractor for the new Liberty
Christian Church, Page 33

CLARK, NEXSEN & OWEN:

THREE CENTRAL VIRGINIA SCHOOL BUILDINGS

THREE NEW college and preparatory school buildings designed by Clark, Nexsen and Owen have recently been completed in central Virginia.

• At Virginia Episcopal School in Lynchburg, the new Banks-Gannaway dining hall and library was completed last September. It is 93 by 198 feet and is of an off-set rectangular shape. There are two stories and a basement. The exterior walls are of brick while the interior partitions are either plastered, of glazed structural tile or ceramic tile. The roof is built up while the windows are wood fixed with hopper vents. The floors are of quarry tile.

Howard L. Post of New York was the food service consultant while Wiley and Wilson of Lynchburg were the consulting engineers for mechanical and electrical work. Fraioli-Blum-Yesselman of Norfolk were the engineering consultants for structural.

• At Washington and Lee University, a new four story dormitory was completed last August. The building is 35 by 150 feet and rectangular in shape. The exterior walls are of brick while interior partitions are plastered or of ceramic tile. The roof is standing seam metal, the windows double-hung wood and the floors resilient or ceramic tile.

Wiley and Wilson of Lynchburg were the consulting engineers for the mechanical and electrical. Fraioli-Blum-Yesselman of Norfolk were the consulting engineers for the structural work.

• At Sweet Briar College, the new 4-story and part basement dormitory and dining hall is named for the former president of the college, Meta Glass. It was finished last September. Ell shaped, it has exterior walls of brick, plastered and ceramic tile interior partitions, a slate roof, wood double hung windows and terrazzo and ceramic tile floors.

Howard L. Post of New York was the food service consultant. Wiley and Wilson of Lynchburg were the consulting engineers for mechanical and electrical and Fraioli-Blum-Yesselman were the consulting engineers for structural. I. Delos Wilson was the interior designer.

BANKS-GANNAWAY DINING
HALL & LIBRARY, V.E.S.

Henry D. Porter, Inc.
General Contractor

SUBCONTRACTORS & SUPPLIERS

Lynchburg firms: Anderson & Shorter, Inc., excavating; Lynchburg Ready-Mix Concrete Co., Inc., concrete; Montague-Betts Co., Inc., steel, hardware; Consumers Company of Lynchburg, Inc., roofing; Pittsburgh Plate Glass Co., glazing; Superior Painting Contractors, painting; Kennedy's, structural tile, ceramic tile, terrazzo; Paul E. Styles, plaster; Campbell Payne, Inc., millwork; McDaniel-Kelly Electric Co., Inc., lighting fixtures, electrical work; Marvin Moseley, plumbing fixtures, plumbing, heating, ventilating.

Also: Economy Cast Stone Co., Richmond, stone work; W. Morton Northen & Co., Inc., resilient tile, acoustical; Valley Metal Products Corp., Roanoke, steel doors and bucks; Gardner & Benoit, Inc., Charlotte, N. C., food service equipment.

WASHINGTON & LEE DORMITORY

W. W. Coffey & Son
General Contractor

SUBCONTRACTORS & SUPPLIERS

Lexington firms: Charles W. Barger & Son, concrete; J. B. Dod, masonry contractor; Shenandoah Electric Co., lighting fixtures, electrical work; Dunn's, plumbing fixtures, plumbing, heating and ventilating.

Locher Brick Co., Inc., Glasgow, masonry supplier; Roanoke Iron & Bridge Works, Inc., Roanoke, steel; Concrete Plank Co., Inc., North Arlington, N. J., prestressed concrete; Valley Roofing Corp., Roanoke, roofing; Empire Granite Corp., Richmond, stone work; Pittsburgh Plate Glass Co., Roanoke, glazing.

Donald D. Dickerson, Richmond, painting; Standard Tile Co., Inc., Staunton, terrazzo, ceramic tile; W. Morton Northen & Co., Inc., Richmond, resilient tile, acoustical; Sterling Quality Products Co., St. Malden, Mass., water-proofing; Cates Building Specialties, Inc., Buena Vista, insulation; The Hampshire Corp., Roanoke plaster; Montague-Betts Co., Inc., Lynchburg, hardware; Taylor Bros., Inc., Lynchburg, millwork.

Work on excavating and foundations was done by the general contractor.

META GLASS DORMITORY & DINING HALL SWEET BRIAR COLLEGE

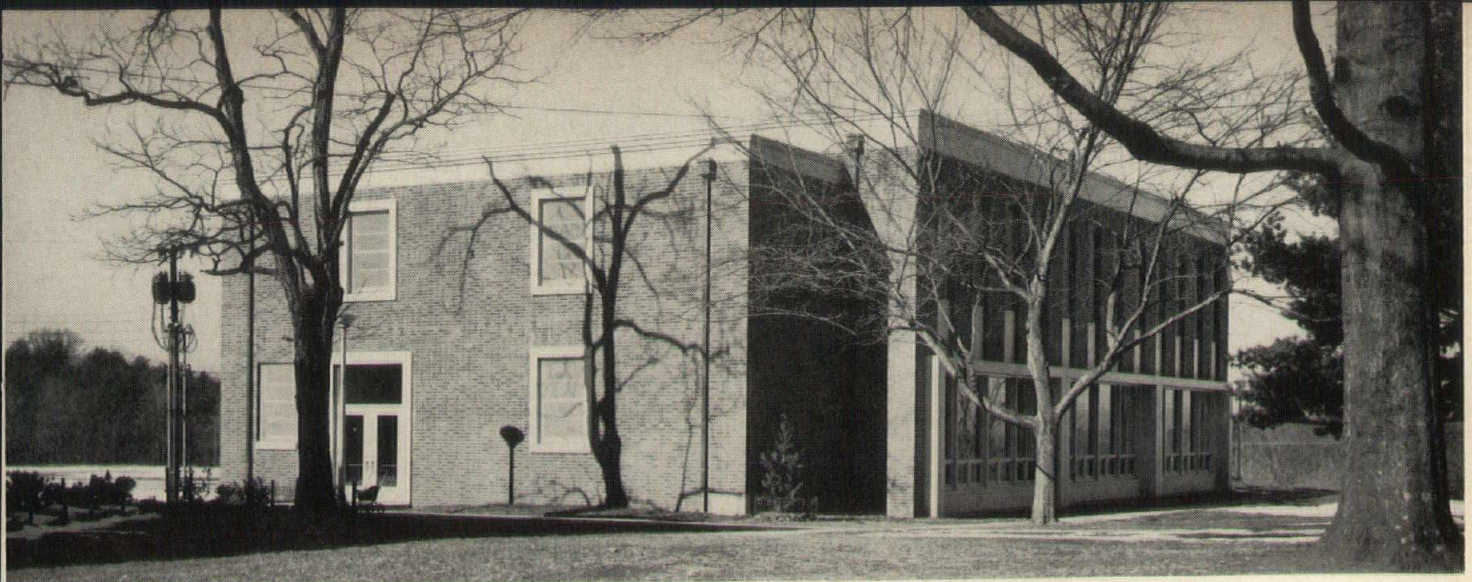
C. L. Lewis & Co., Inc.
General Contractor

SUBCONTRACTORS & SUPPLIERS

Lynchburg firms: Lynchburg Ready-Mix Concrete Co., Inc., concrete; Bill Clements Construction & Masonry, Inc., masonry contractor; Superior Painting Contractors, painting; Modern Buildings, Inc., insulation; Bailey-Spencer Hardware Co., Inc., hardware; Taylor Bros., Inc., millwork; W. A. Rice Electric Co., Inc., lighting fixtures, electrical work.

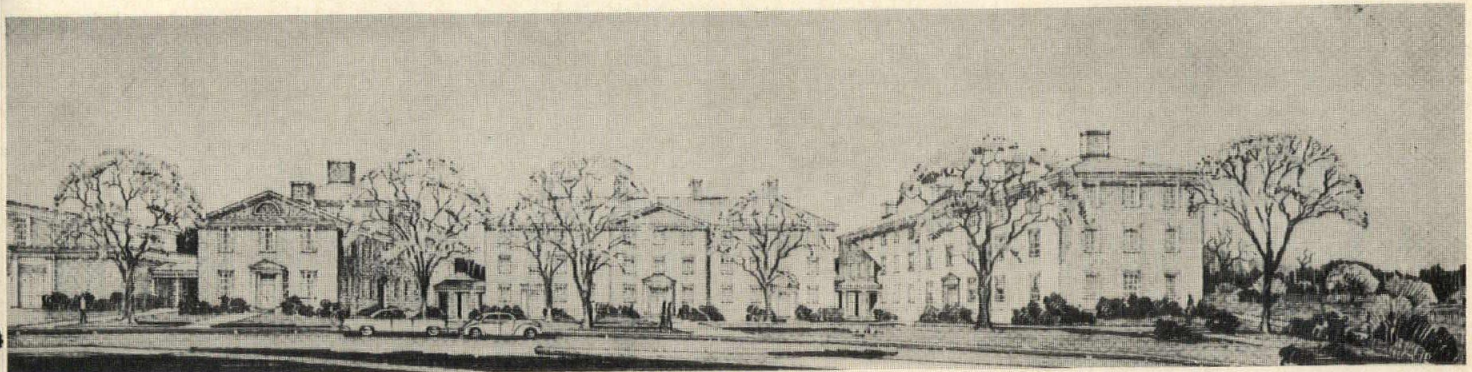
E. W. Yeatts, Altavista, excavating; Old Virginia Brick Co., Salem, masonry supplier; Structural Steel Co., Inc., Roanoke, steel; Buckingham-Virginia Slate Corp., Richmond, roofing slate; Valley Roofing Corp., Roanoke, water-proofing, roofing; Marsteller Corp., Roanoke, stone work; Cress Tile & Marble Co., Danville, ceramic tile, terrazzo; W. Morton Northen & Co., Inc., resilient tile, acoustical; C. W. Kirkland Co., Charlotte, N. C., plaster.

Valley Metal Products Corp., Roanoke, steel doors and bucks; Harris Heating & Plumbing Co., Inc., plumbing fixtures, plumbing, heating, ventilating; Southern Elevator Co., Greensboro, N. C., elevator; Powell & Co., Inc., Waynesboro, food service equipment; Granco Steel Products Co., steel roof deck.



Photos, top to bottom: Banks-Gannaway Dining Hall & Library at Virginia Episcopal School, Lynchburg; Washington and Lee Dormitory, Lexington; Meta Glass Dormitory and Dining Hall, Sweet Briar College.

CLARK, NEXSEN & OWEN DESIGN 3 CENTRAL VIRGINIA SCHOOL BUILDINGS



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Excavating contractor for the new Clover Leaf Shopping Center, page 24; the Pleasant Valley School, page 22, and the Bowman Apple Products Warehouse, page 32

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page 20

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page 16

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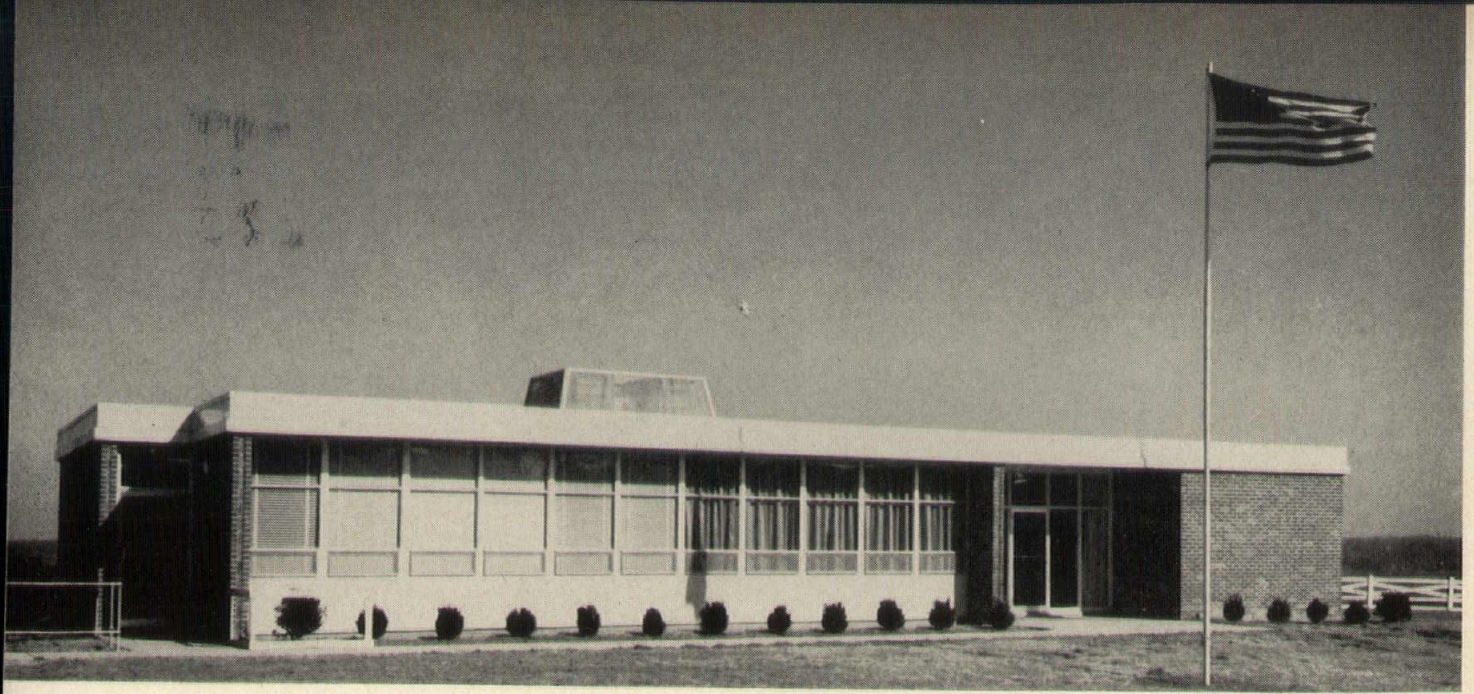
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New Administration Building, Beaumont School

THE ADMINISTRATIVE STAFF of Beaumont School for Boys, Beaumont, Virginia, moved into their new Administrative Building last year. The school is a part of the Department of Welfare and Institutions system.

The building is designed to serve a two-fold purpose. Administrative offices are provided which include the superintendent's office, assistant superintendent's office, boy's supervisor's office, the bookkeeping and accounting office, a conference room, and the secretary-receptionist area. Also provided in this building are facilities for consultation which include six offices for caseworkers and social workers and a large waiting room for the boys. The necessary storage and toilet facilities are also provided.

The entrance and secretary-receptionist area has been designed to take advantage of the view of the James River in the background. Upon enter-

BEN R. JOHNS, JR., AIA
Architect

WILLIAM G. BRANDT, JR.
Engineering Consultant

ANCHOR CONSTRUCTION CO., INC.
General Contractor

SUBCONTRACTORS & SUPPLIERS

Eastern Brick Contractors, masonry; Welding Service Co., steel; Truscon Steel Div., Republic Steel Corp., steel roof deck, window walls; R. P. Whitley Roofing Co., Inc., roofing; Binswanger Glass Co., Inc., glazing; A. Bertozzi, plaster; Consolidated Tile Co., resilient tile; The Staley Co., Inc., steel doors and bucks; Webb & Noonan, Inc., lighting fixtures, electrical work; Horace S. Flournoy, plumbing fixtures, plumbing, air conditioning, heating and ventilating.

Painting was by the owner. Excavating, foundations, concrete and carpentry were by the general contractor.

All are Richmond firms.

ing the building on the front, full view of the river is afforded by a full glass wall at the rear of the room.

The Beaumont Administration Building is provided with heating and cooling by two Carrier Heat Pumps which are arranged to provide two zones. This is one of the first heat pump installations in the Department of Welfare and Institutions system.

The building is constructed with masonry cavity bearing walls and bar joist roof construction. The Truscon Grid-Vue window wall system extends between the bearing walls. Interior walls and partitions are exposed masonry block painted. The concrete floor slab on fill is finished with asphalt tile and the ceiling finish is acoustical plaster in all areas except hard plaster in toilets and storage spaces.

The \$46,000.00 building was completed in May 1962 and contains approximately 3,000 square feet.

HANKINS & JOHANN, Inc.

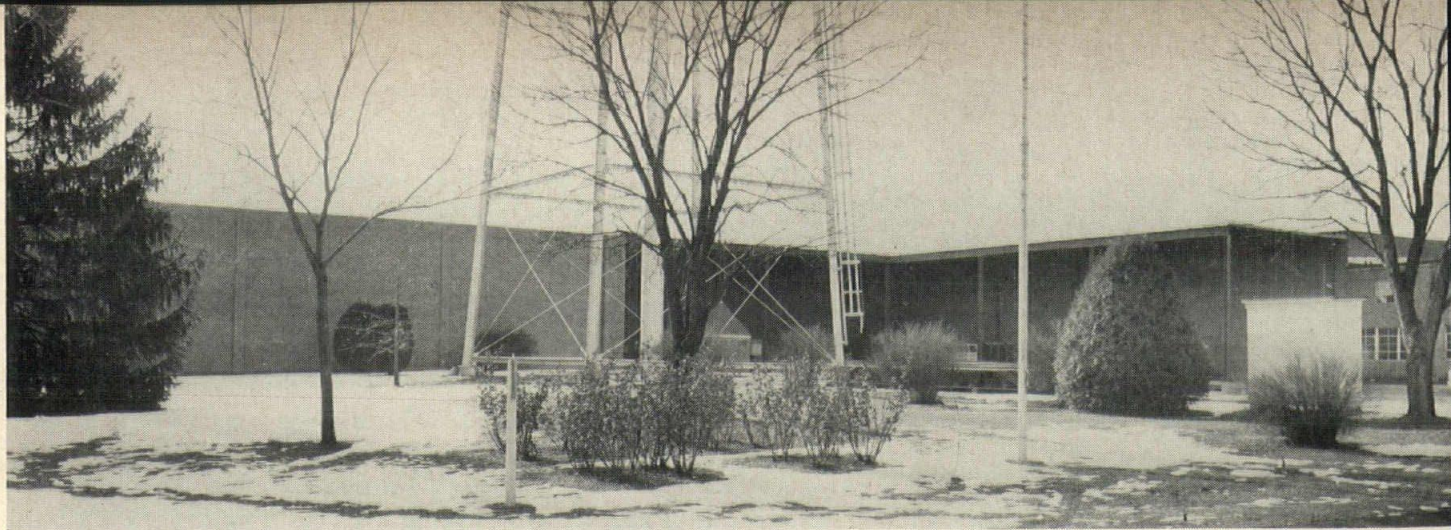
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DORMONT KNITWEAR CORP. PLANT, CLIFTON FORGE

KINSEY & MOTLEY
Architects

SOWERS, RODES & WHITESCARVER
Engineering Consultants

THE NEW PLANT for the Clifton Manufacturing Corporation, a subsidiary of Dormont Knitwear Corporation, manufacturers of "Jane Colby" Women's Sportswear, New York City, was completed in June of 1962.

Designed by Kinsey & Motley, Architects, Salem, the plant—containing 46,000 sq. ft. of manufacturing area and 5,000 sq. ft. of office space—is located in Clifftondale Park, Clifton Forge. The cost of the building, not including machinery, was \$300,000.00.

The plant area is framed with steel beams and columns at 40' 0" and 38' 0" o.c. with long span steel joist, metal roof deck and built-up roof. The office area is framed with standard steel joist \pm 4' 0" o.c. bearing on a combination of steel tubes and masonry

walls. Concrete block and brick combined is used for the exterior walls. Interior partitions are exposed concrete block, painted. The plant area floor is exposed concrete with a hardener applied. The office section and lunch room floors are of vinyl asbestos tile.

The plant is designed to employ approximately 500. A large lunch room, with vending machines, is designed to seat 250. The office area contains a conference room, plant manager's office, business office, personnel office, lobby and toilet facilities.

The entire office section, lunch room and manufacturing area, with the exception of storage rooms, are air conditioned.

Loading platforms and parking are provided all around the building.

J. M. TURNER & CO., INC.
General Contractors

SUBCONTRACTORS & SUPPLIERS

W. G. Mathews, Jr., Inc., Lightweight Block Co., Inc., masonry suppliers; Roanoke Iron & Bridge Works, Inc., steel; Inland Steel Products Co., Milwaukee, steel roof deck; Valley Roofing Corp., roofing; A. L. Horwitz, windows; Pittsburgh Plate Glass Co., glazing; Hauley Company, New York, N. Y., structural tile; Hampshire Corp., resilient tile, acoustical.

Also, Valley Roofing Co., waterproofing; Graves-Humphreys, Inc., hardware; South Roanoke Lumber Co., millwork; Valley Metal Products Corp., steel doors and bucks; Progressive Products Corp., plumbing fixtures, plumbing, heating, air conditioning and ventilating; High Point Sprinkler Co., Inc., High Point, N. C., sprinkler system; L. & W. Shrubs, Clifton Forge, shrubs and landscaping.

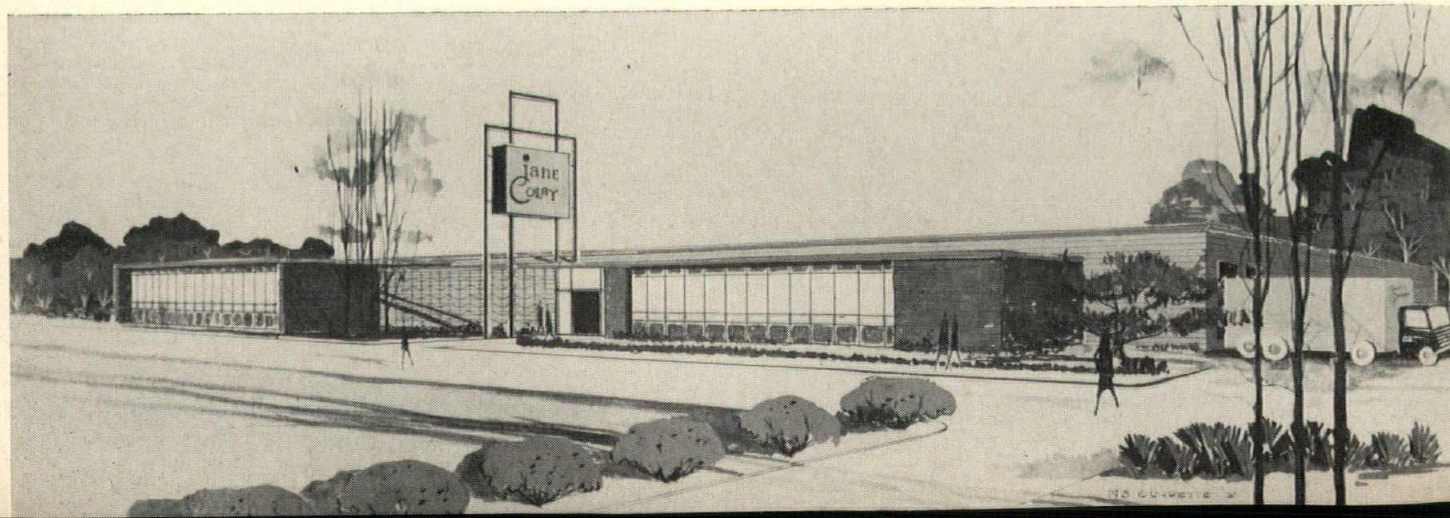
The general contractor did the excavating, piling, foundations, concrete work, carpentry, painting, insulation, and electrical work.

All are Roanoke firms except where otherwise specified.

WAREHOUSE ADDITION, BOWMAN APPLE PRODUCTS CO.

COOPER & AUERBACH, A.I.A., Architects, of Winchester and Washington, designed the recently completed warehouse addition for the Bowman Apple Products Company in Mt. Jackson. The building is rectangular in shape and measures 98 by 167 feet. It is one story high and has brick and block exterior walls, a steel deck roof over steel joists and covered with a 20 year bonded roof. There are no windows. The floor is of concrete.

Milton Gurewitz & Associates of Washington were the structural engineers. Nielsen Construction Company, Inc., Harrisonburg, was the general contractor. Subcontractors and material suppliers included David A. Reed, Harrisonburg, excavating; Truscon Div., Republic Steel Corp., Washington, steel, steel roof deck; T. B. Dornin-Adams Co., Inc., Lynchburg, roofing and insulation. The general contractor did the work on foundations, concrete, masonry and carpentry.





WOODLAWN HIGH SCHOOL IN CARROLL COUNTY

CONSTRUCTION of the new high school at Woodlawn in Carroll County began in July, 1961 and was completed in September, 1962.

The building consists of nine general classrooms, three business rooms, three science laboratories, home economics facilities, library, administration suite, cafeteria and kitchen.

The cafeteria also serves the Elementary School which is a part of the total school complex.

The school was constructed at a contract cost of \$433,700.00 with a total floor area of 35,600 square feet and a unit cost of \$12.18 per square foot.

In general the structural system consists of steel framing with steel joists. Exterior wall frame is of concrete posts and beams. Floor construction is concrete slab on grade. The roof consists of metal roof deck, insulation, and tar and gravel roofing.

The exterior walls are primarily

SMITHEY & BOYNTON
Architects

BARGER CONSTRUCTION CO., INC.
General Contractor

SUBCONTRACTORS & SUPPLIERS

Berry & Roberts, Contractors, Galax, excavating; Ready Mix Concrete Co., Galax, concrete; Webster Brick Co., Inc., Roanoke, masonry supplier; Carolina Steel Corp., Greensboro, N. C., steel, steel roof deck, steel doors and bucks; Virginia Prestressed Concrete Corp., Roanoke, pre-cast concrete; Helms Roofing Co., Martinsville, roofing; Standard Tile Co., Inc., Staunton, stone work, ceramic and resilient tile; Roanoke Engineering Sales Co., Roanoke, windows.

Salem Glass Corp., Salem, glazing; Coe & Sons, Wytheville, painting; Shields, Inc., Roanoke, acoustical tile, plaster, Skyline Paint & Hardware, Inc., Roanoke, hardware; Blanton & Moore, Barium Springs, N. C., millwork; D. W. Allen & Son, Hillsville, electrical work; Galax Plumbing & Heating Co., Inc., Galax, plumbing and heating; Gardner & Benoit, Inc., Lynchburg, kitchen equipment. Roofing was by Johns-Manville.

brick with porcelain enamel panels, backed by concrete block. The interior walls are primarily concrete block with brick wainscots. Ceramic tile walls were used in the toilets and kitchen areas.

The floor finishes consist of quarry tile in the corridors, stairs and kitchen; ceramic tile is used in the toilets, and vinyl tile in the cafeteria. Asphalt tile is used throughout for the instructional and office spaces.

For heating, a steam-fired, two pipe hot water system is used. The classrooms, library, cafeteria, science laboratories, etc. are heated and ventilated by means of unit ventilators. Other spaces are heated by means of convectors.

Pneumatic temperature controls are used throughout the building for individual control.

In general, fluorescent lights are used throughout, with incandescent lighting being used in the cafeteria.

• The Liberty Christian Church, located approximately three miles northeast of Mechanicsville on Route 360, has been organized only two years. Since its organization, a sixteen acre tract of land has been acquired on which a day school building was constructed more than a year ago and the new Sanctuary illustrated at right has recently been completed.

The building committee felt that a contemporary design would reflect the philosophy of the people and their religious faith.

The location of the building on the site appeared to be a difficult problem at first due to the low grade elevation at that particular point. However, by emphasizing the flattened bowl effect of the site, raising the Sanctuary floor elevation and providing a cantilevered reinforced concrete elevated walkway from the front drive to the building entrance, many advantages emerged. The most advantageous manifestation provides the impression that the worshipers leave the materialistic world at their automobiles and walk through space, on the elevated walkway, to their places of worship. The large glass areas,

(Continued on page 46)

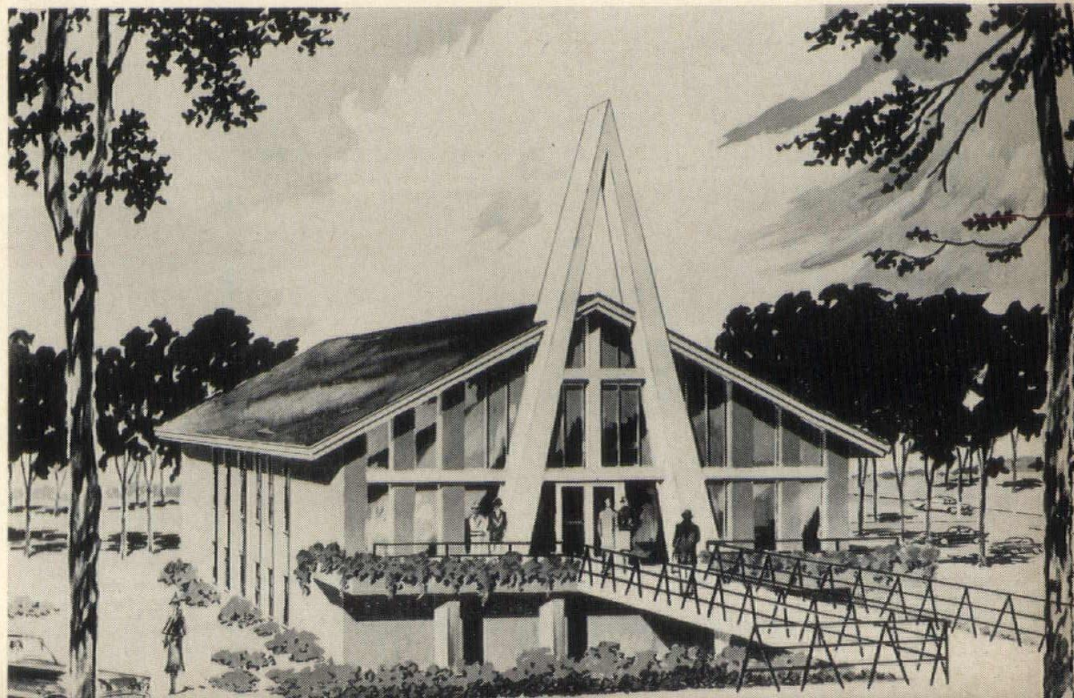
LIBERTY CHRISTIAN CHURCH

G. RICHARD BROWN, AIA
Architect

WILLIAM T. ST. CLAIR
Structural Engineer

BRANDT & MORSE
Mechanical Engineers

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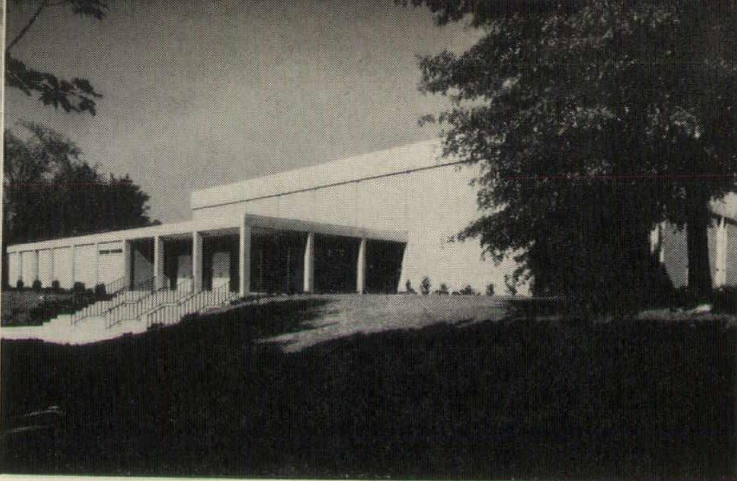
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Clover Leaf Shopping Center, Page 24



NEW MASSANUTTEN GYMNASIUM

COOPER & AUERBACH, AIA
Architects

COTTON & HARRIS
Mechanical & Electrical Consultants

MILTON GUREWITZ & ASSOCIATES
Structural Consultants

A LARGE NEW GYMNASIUM designed by Cooper & Auerbach, A.I.A. of Winchester, was completed last year for the Massanutten Military Academy in Woodstock. Measuring 152 by 128 feet, it is an "L" shaped building one story high. The exterior walls are of brick and precast concrete while the interior partitions are glazed brick and block. The roof is of prestressed concrete "T"s. The windows are aluminum and the floors covered with quarry tile and maple. Cotton & Harris of Washington were the mechanical and electrical engineers. Milton Gurewitz of Washington was the structural engineer. The architects did the interior design. Nielsen Construction Company of Harrisonburg was the general contractor.

NIELSEN CONSTRUCTION CO., INC.
General Contractors

SUBCONTRACTORS & SUPPLIERS

T. B. Dornin-Adams Co., Inc., Lynchburg, roofing, insulation, waterproofing; Virginia Prestressed Concrete Corp., Roanoke, prestressed concrete; Brown & Grist, Inc., Newport News, windows; W. Morton Northen & Co., Inc., Roanoke, acoustical, resilient tile; Dan L. Logan, Harrisonburg, plaster; Oliva & Lazzari, Inc., Charlottesville, ceramic tile; Montague-Betts Co., Inc., Lynchburg, handrails; Baker & Anderson Electrical Co., Inc., Winchester, lighting fixtures, electrical work; Riddleberger Brothers, Inc., Harrisonburg, plumbing fixtures, plumbing, heating, ventilating; B & R Iron Works, Roanoke, steel grating.

The general contractor did the excavating, foundations, concrete and masonry work; also, structural wood, carpentry, paneling, millwork and weatherstripping.

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Ceramic Tile & Terrazzo Contractors for the New Pulaski Business Plaza. Featured on Page 24

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See Page 25

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lating Contractor For
the Clover Leaf Shop-
ping Center, Page 24
and Pleasant Valley
Elementary School, Page
22



ATTORNEY'S OFFICE BUILDING IN SALEM

KINSEY & MOTLEY
Architects

WATTS & BREAKELL, INC.: General Contractor

● The new office of Kime and Jolly, Attorneys-at-Law, 430 Clay Street, in Salem, was completed in June of 1962.

Located on a piece of property situated well below the street level at one corner, the architects, Kinsey & Motley, made no attempt to raise the floor line level with the street; rather the building was placed below the street, with entrance down a few steps in a sunken court.

A very simple construction of exterior brick and block bearing walls, with 12" deep prestressed concrete joist at 4' 0" o.c. and Insulrock deck was employed. Floor construction is concrete slab on earth with vinyl asbestos tile. Interior partitions are exposed concrete block. Ceilings are exposed roof construction, with suspended acoustic tile ceilings being used in some areas.

The building with a total of 2103 sq. ft. was constructed at a cost of \$11.86 per sq. ft.

Included in the building, is a reception room, secretarial space for three stenographers, large conference

room, file room, storage room, library, toilet for both men and women, and four private offices. A rear entrance is provided with parking at both the side and rear.

The building is completely heated and air conditioned with natural gas.

SUBCONTRACTORS & SUPPLIERS

Thomas Bros., excavating, Roanoke Ready Mix Concrete Corp., concrete; Old Virginia Brick Co., Inc., Lightweight Block Co., Inc., masonry suppliers; Valley Steel Corp., steel; Virginia Prestressed Concrete Corp., prestressed concrete joists, Insulrock roof deck; Leonard Smith Sheet Metal & Roofing, Inc., roofing; Parkway Glass & Mirror Co., glazing.

Skyline Paint & Hardware, Inc., painting; Lightweight Block Co., Inc., structural tile; Charles J. Krebs Co., resilient tile; O'Neil Company, acoustical; Graves-Humphreys, Inc., hardware; Skyline Lumber Co., Inc., millwork; Valley Metal Products Corp., steel doors & bucks; Boca windows, by Bogert and Carrough Co., New York, N. Y., distributed by Dixie Building Products, Inc.

Clayton G. Tinnell, lighting fixtures, electrical work; M. L. Nelson, Inc., plumbing fixtures, plumbing, air conditioning, heating, ventilating; L. H. Sawyer Paving Co., crushed stone paving.

Watts & Breakell, Inc., also did the work on foundations, masonry, carpentry and waterproofing.

All are firms located in the Roanoke-Salem area unless otherwise stated.

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Conditioners for Pleasant Valley
Elementary School, Page 22

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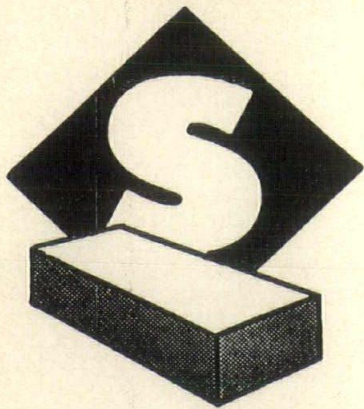
3722 Vawter Ave.

RICHMOND

VIRGINIA

Electrical Contractor for the New
Liberty Christian Church,
Page 33

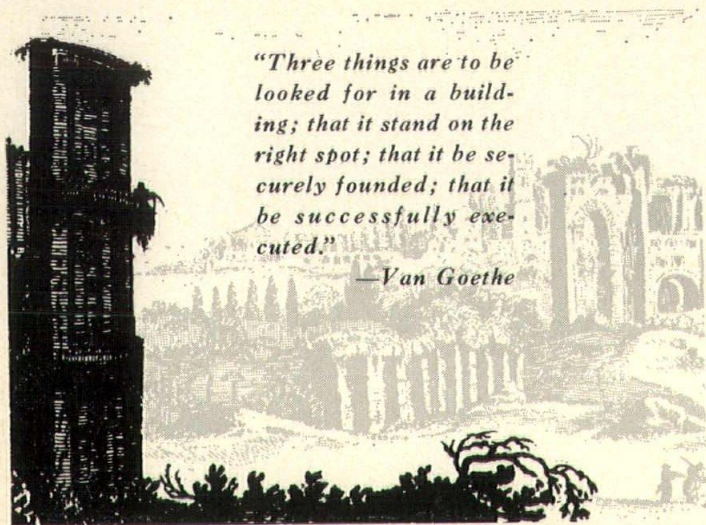
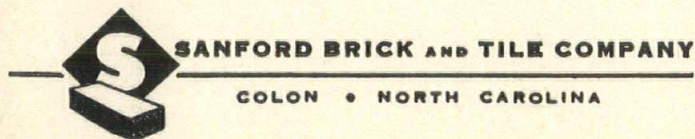




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cuted."*

—Van Goethe

West Sand & Gravel Company, as an active member of the business and civic community of the Richmond area, is pleased to have played a major part in the area's progress and growth. A few of the most recent projects to which West has contributed are listed below: William & Mary College (Williamsburg) • University of Virginia Hospital (Charlottesville) • New State Highway Department Building • City of Richmond Health, Safety and Welfare Building • A. H. Robins (addition) • John Marshall High School • George Wythe High School • River Road Presbyterian Church • Medical College of Virginia (addition) • Route 360 East • Route 1 North • Route 33 • Two Guys Store Building • Hechler Village • 5100 Monument (apt.).



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Hospital, Phase II. See Page 23

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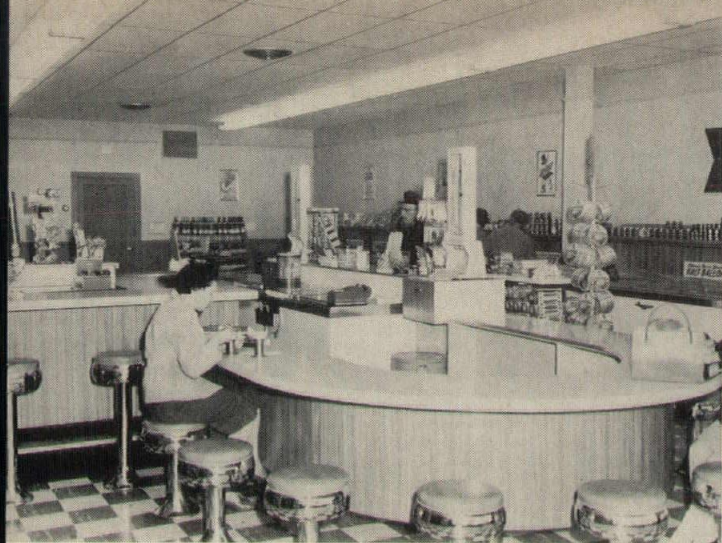
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MOBILE, ALA.
ORLANDO, FLA.



Clover Leaf Shopping Center



TWO NEW SHOPPING CENTERS

(Continued from page 24)

Pulaski Business Plaza

(Continued)

Norfolk and Western Railway. It is convenient to New River Valley Airport, just recently completed and not far from the new Interstate 81. Parking is available for 367 cars.

The new shopping plaza, consisting of approximately 59,000 sq. ft. will be properly connected into two existing stores which are of fairly recent origin, and the entire structure unified by a canopy consisting of steel bents and metal deck. To balance the larger

variety store in the foreground, with its raised panels supported by brick piers, and to accent the low horizontal lines of the shopping plaza itself, a tall walk-through sign pylon will be erected at the junction between the new and the present construction. This pylon in turn will be penetrated by the steel canopy. Over the canopy a large sign bulkhead will be erected to allow each store to express its own individuality within a controlled area. The sidewalk

beneath will be ample and properly landscaped to provide a pleasing transition between the parking area and the leisures that are to be expected of a shopping area.

General construction is of block with brick veneer, painted block and dry-wall interior partitions, steel frame with a light weight concrete roof on metal deck. The store fronts are of a design acceptable by both architect and tenant.

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ROANOKE, VIRGINIA

General Contractor, Attorney's Office, Page 37

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Page 22

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VIRGINIA BUSINESS REVIEW

• The Buckingham - Virginia Slate Corporation, Richmond, has been awarded two Certificates of Merit by the Building Stone Institute. The Awards were given for the Best Single Trade Magazine Advertisement in 1962 and for the Best Exhibit at an Architectural Show in 1962. The Awards further stated that they were given in recognition of a substantial contribution made to the welfare of the Stone Industry and to better building.

On hand to accept the awards at the Boca Raton, Florida Convention was Beverly R. Tucker, Jr., President of the Buckingham-Virginia Slate Corporation, who was attending the Convention as a Member of the Board of Governors of the Building Stone Institute. Tribute was paid Tucker as creator of both lay-out and copy of the winning magazine advertisement and originator of the award-winning exhibit. Under the direction of Tucker, the Buckingham-Virginia Slate Corporation has received seven other similar national awards for advertising in previous years.

• Jefferson Mills of Pulaski, Virginia, has completed its building and expansion program with the recent opening of its new South Plant.

The Pulaski Plant is a Division of Kahn and Feldman, Inc., which has its home offices in New York City. Jefferson is engaged in the processing of synthetic fibers.

The current completed expansion of its South Plant with 55,000 additional square footage will allow for additional employees and the new plant will be used to house the Company's receiving area and additional manufacturing.

An Open House for Southwest Virginia industry will be celebrated on April 4, 1963 when the Industry celebrates its Silver Anniversary. The local installation is under the management of Mr. Earl G. Hill, Vice President and General Manager of The Company, who has been with Jefferson and Kahn & Feldman for 25 years.

• Thompson-Arthur Paving Company of Greensboro, North Carolina has recently earned two important safety

(Continued on page 43)

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General contractor for Dormont Knitwear Corp. plant, Page 32

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Suppliers of the prestressed concrete for the new Professional Building, Page 19; the Attorney's Office, Page 37, and the Massanutten Military Academy Gymnasium, Page 35

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LYNCHBURG, VA.

Dial VI 5-3833



General Contractor: Banks-Gannaway Dining Hall & Library, Virginia Episcopal School. See Page 29

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LYNCHBURG, VIRGINIA

- Contractors for Roofing, Insulation and Waterproof-Addition for Bowman Apple Products, Page 32
- Contractors for Roofing Insulation and Waterproofing for Gymnasium, Massanutten Military Academy, Page 35

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General Contractors for Alterations and Additions to State-Planters Bank of Commerce & Trusts, Page 20

wards. The firm, which has branch offices in Danville, Virginia and High Point, North Carolina, has for the second year merited a North Carolina safety award. Thompson-Arthur's frequency rate was 7.41 compared with North Carolina state rate of 38.7. Their severity rate for this same period was 36 days. The second safety award comes from The Associated General Contractors of America, Inc. where Thompson-Arthur racked up the second best record for the one-year program (July 1, 1961—June 31, 1962 period) in the 1962 National AGC safety Program.

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on Page 24



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Contractor for Resilient Tile • The Balmoral, page 25 • Attorney's Office, page 37

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Roofing contractor for the new Fairfax County Public Library, page 26

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page 29, and 1st National Trust Bank Building, page 16

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Brick Suppliers for the New
Washington & Lee Dormitory, Page 29

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Lighting Fixtures and Electrical Contractor for the
New 1st National Trust & Savings Bank, Page 16

IVE LIBRARY PROJECTS (Continued from page 26)

Arlington Central Library is a building which had no possibilities for a basement. It is one that faces the west and had a very unpleasant outlook, therefore, the pierced masonry walls were used to screen the view from the west reading room windows. A very deep overhang was provided to shade them.

A garden was created behind the wall for readers to enjoy while using the large main reading room for adults. The children's reading room is on the south of the right side of the perspective. There were no windows on the west wall because this space was taken up with stairs, expansion spaces and book space.

The offices for the Arlington County System Libraries are placed on the south wall above the children's reading room. The low wing in the right forms a screen for the receiving entrance and gives the children a Story Hour Room which is lighted by skylights and a room completely enclosed by books, and interesting objects for children's instructions.

This is the Arlington County Central Library.

ELKHART LIBRARY

Elkhart Library is on a level corner lot with the main entrance on the corner. The children's entrance is on the far right and, adjacent to that, the children's reading room and all of the facilities. On the far left windows are used to give light to the main reference reading room on the main floor

and mezzanine floor which houses Indiana History and considerable extension space. The great areas on the second floor are divided up into meeting rooms, book storage, storage facilities, etc.

There is a complete basement under the whole building which will house book storage. There are two elevators in the building and access to the building on all four sides since there are public alleys adjoining the other two sides of the building. There is a drive in book return and bookmobile service on the back of the building.

WESTMINSTER THEOLOGICAL SEMINARY LIBRARY

● A stone building to blend with existing architecture, this library was built on a hillside and the ground slopes away toward the back. On the back the full three stories are exposed. The trim is limestone, the spandrels are slate with aluminum window trim.

This building is designed for graduate students doing work in religion and many of the spaces are individually caroled. The large book collection is housed on three floors and the windows of the reading rooms are shown on the left of the entrance in the front.

The work space adjoins the desk which is the circulation desk which is directly in back of the main entrance.

There are many beautiful trees around this building so it fits into the landscaping in a very natural way.

FAIRFAX COUNTY LIBRARY

● This is the headquarters library for the Fairfax County Library Systems. This library was built on a very steep bank and it had to be built close to the street to accommodate parking at a low level. This library is designed for three functions: one, to be the central public library for reference work in the county; second, to house the offices for the administration of all the county libraries; third, to carry on the work connected with the presence of all books for the county and the extension work which is carried out by the use of bookmobiles which are driven through the back of the building to be loaded and dispatched to the various outlying areas of the county. The top floor is for administrative purposes, the main floor, an adult and children's library and the ground floor was used for mechanical equipment and all of the many services having to do with the presence of books, etc.

(Continued on next page)

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- New Gymnasium, Massanutten Military Academy, Page 35
- Bowman Apple Products Warehouse Addition, Page 32

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McLEAN, VA.

General Contractor: Fairfax County Public Library, Page 26

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General Contractors: The Balmoral, featured on page 25

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Paving, concrete, contractor for Norfolk Municipal Hospital, Phases I and II, Page 23

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ROANOKE, VIRGINIA

Roof Deck Contractors for the New Pulaski Business Plaza,
Featured on Page 24

MOUNT LEBANON LIBRARY

● This library is built on a hill side facing the north; therefore the large windows facing the street are used for reading room purposes. The children's entrance is on the street level and the Children's Library is on the same level with its books and work spaces.

On the right side of the children's floor is a Story Hour space. On the top floor the main floor is for the adult reading, circulation, work space, book storage, etc. The entrance to the floor is on the right side adjacent to the parking lot on the property.

Liberty Christian (From page 33)

the pointing spire, and interior design enhance and extend the definitive qualities of space.

The Church's music program and large choir necessitated a departure from conventional standards in the arrangement of the chancel area. This was achieved through a semicircular design and a divided choir section which enables all choir members to look directly at the leader and organist.

Subcontractors and suppliers, all of Richmond unless otherwise specified, included W. W. Rowe, excavating; Southern Materials Co., Inc., concrete; Eastern Brick Contractors, masonry; Tomlin Engineering Co., Inc., steel, handrails; N. W. Martin & Bros., Inc., roofing, waterproofing.

Also Amelia Building Materials, Inc., Portsmouth; Sash, Door & Glass Corp., glazing; C. W. Lee, painting; U. S. Plywood Corp., paneling; A. Bertozzi, plaster; General Tile & Marble Co., Inc., ceramic tile; Hampshire Corporation, resilient tile; R. A. Siewers, wood flooring, millwork; J. S. Archer Co., steel doors and bucks; J. L. Parker, electrical work; H. C. Gundlach Co., plumbing, air conditioning, heating and ventilating.

Carpentry was by the general contractor. Windows were by Pella Company.

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Subcontractor: Plumbing & Heating
for Woodlawn High School, Page 33

HERE LEE STOOD

(Continued from page 5)

"If a Republican president is elected, we will secede," agreed the Southern members of Congress."

The Southern members of Congress were in almost total disagreement, but the Senator who became the secessionists' leader, Jefferson Davis, sought to bring a sorrowful end to prevent secession; Virginia's political leaders, even after other Southern states had seceded, attempted a desperate, last-ditch compromise between the sections.

Then the textbook, after a brief summary of the establishment of the Confederacy by the seven states of the Lower South, dismisses Virginia's part like this: "Four more states joined the Confederacy in a few months' time." This perfectly true statement contains the deadly omission of the *why* these four states—Virginia, North Carolina, Tennessee, and Arkansas—did join the Confederacy. The inference, however, is clearly that they were opposed to a Republican president who would do away with their slaves and ruin their plantations. It is nowhere even hinted that these states had voted against secession, over Lincoln's election, and had been drawn into the experiment in government by force when each of these four sovereign states refused to supply troops for the purpose of invading sister states. Midwesterner Lincoln, misreading the passionate place-identification of Southerners, grossly miscalculated the effect of applying coercion against these four states and, as Virginia's Governor Letcher wrote him, "You have chosen to inaugurate civil war."

Once the issue was joined, the four-year struggle of the small, hastily formed confederation of farmers was explained by the fact that, "The Confederate Army had better trained officers." How could this be? The Military Academy at West Point was the recognized training institution for army officers and certainly more Regular Army officers remained with the Union than came with the Confederacy. It could hardly imply that the Southerners responded better to the same training and got more out of it. More likely the insertion of the word "trained" was a way of getting around the flat statement that the South had *better* officers and better soldiers; and, man for man they were better, not because of training, but because they were fighting for their homeland—and not for slavery.

When Lee appears, the textbook shifts from cute editorial slanting to

to tell the Virginia Story

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RICHMOND, VA.

- State-Planters Bank of Commerce & Trusts: Window, Window Walls & Glazing. Page 20
- Liberty Christian Church: Glazing. Page 33

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an incredible sequence of bald mis-statements for which no purpose seems to be served. In fact, it looks alarmingly like sheer ignorance.

General Lee is presented as a general in the U.S. Army, who was offered command of the Union Army by Lincoln, and faced the problem of whether he should "fight against relatives and friends" or "join his fellow Virginians and help destroy the nation his father had fought to build."

Aside from the trivial details that Lee was a colonel who was never approached by Lincoln, Lee joined his fellow Virginians for the same reason that his father fought against the British—to win independence. Lee held no more intention of destroying the Union by fighting for Virginia than Henry Lee had of destroying the British Empire. Lee needed only to quote his own father's words who, when struggling to help form a union, said, "No consideration on earth could induce me to act a part, however gratifying to me, which could be construed as faithlessness to this Commonwealth . . . Virginia is my country; her I will obey, however lamentable the fate to which it may subject me."

As soon as Lee left the Union, according to the textbook, "Jefferson Davis made him commander of the Army of Northern Virginia. Later he was made commander-in-chief of all Confederate forces." In point of fact, when Lee left the Union, Virginia was not in the Confederacy and Governor

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Letcher gave him command of Virginia's defenses. More than a year later Davis gave him command of a hodge-podge of forces outside Richmond which Lee in 1862 made into the Army of Northern Virginia. In February, 1865, with the end in sight, Lee was given what amounted to nominal command of what remained of the Confederate forces.

Yet, the textbook read, "For four years Lee was able to keep the Union Army out of Virginia. When Virginia too fell into Union hands, Lee realized the South was beaten."

By this account, the Battles of the Seven Days, Second Manassas, Fredericksburg, Chancellorsville, the Valley Campaign and 1,000-odd engagements were all fought outside Virginia, Lee conducted the defense of the entire Confederacy almost from beginning to end, and it was his decision to throw in the towel. Such an idiot distortion of relatively recent events could seem no serious addition to the sum of human misinformation except that in Virginia, and the rest of the South, the lines from that past lead directly and immediately into our present dilemmas. Because of this it would appear to be a vital concern to present history accurately in detail, as well as in spirit, to formative minds who in maturity will be forced to deal with problems growing from that past.

As recent as was the Supreme Court Decision of 1954, how many people today remember that the declared purpose of the Court was, by removing the bars of segregation in public schools, to provide Negroes with an educational background that would prepare them for a normal environment? In this short time, from disallowing segregation in public schools, we observe the enforced integration of one adult Negro in the University of Mississippi under conditions that require 200 U.S. marshalls to erect a garrison at Oxford from which this one colored student is escorted to his classes. What conceivably normal environment is this Negro being prepared for? Yet, by little omissions in writing, by placing of emphases here and there, this history can be presented as the ultimate achievement of international brotherhood as envisioned by Abraham Lincoln when Lee handed him his sword after all his slaves had been run off by Bobby Kennedy.

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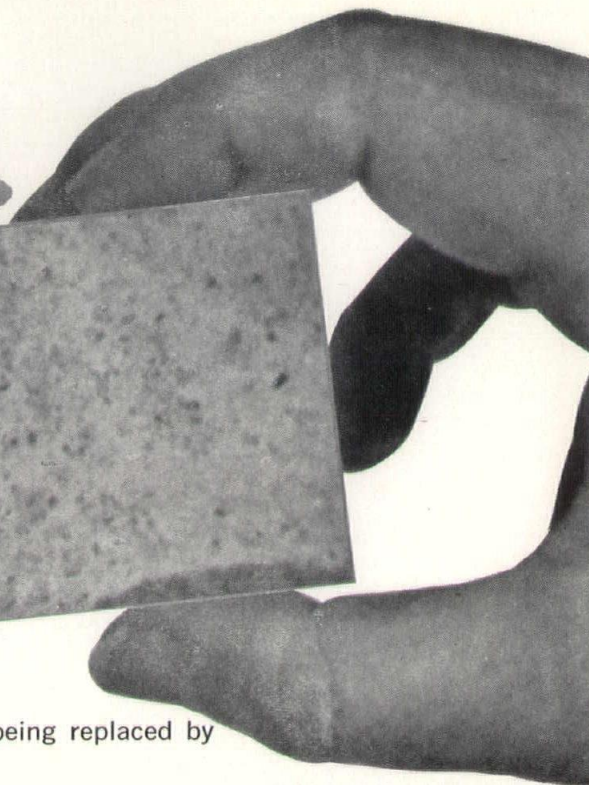
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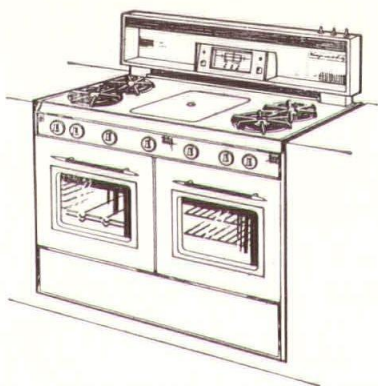
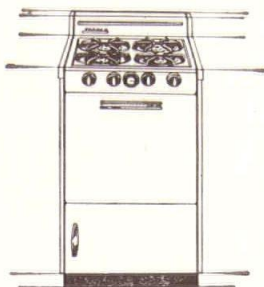
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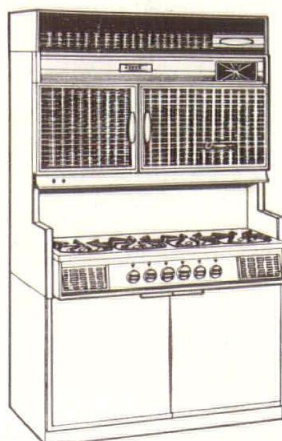
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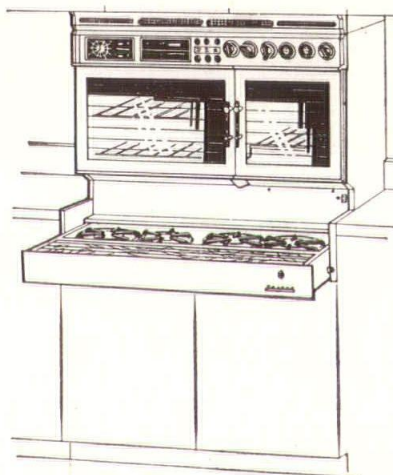
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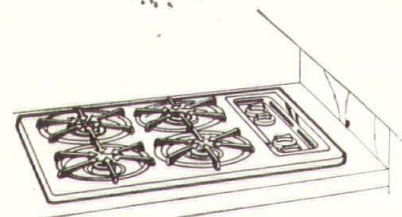
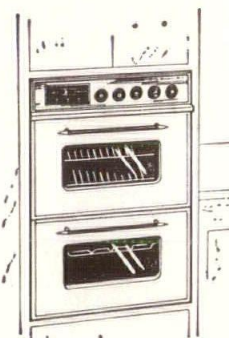
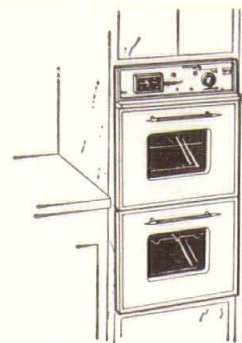
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