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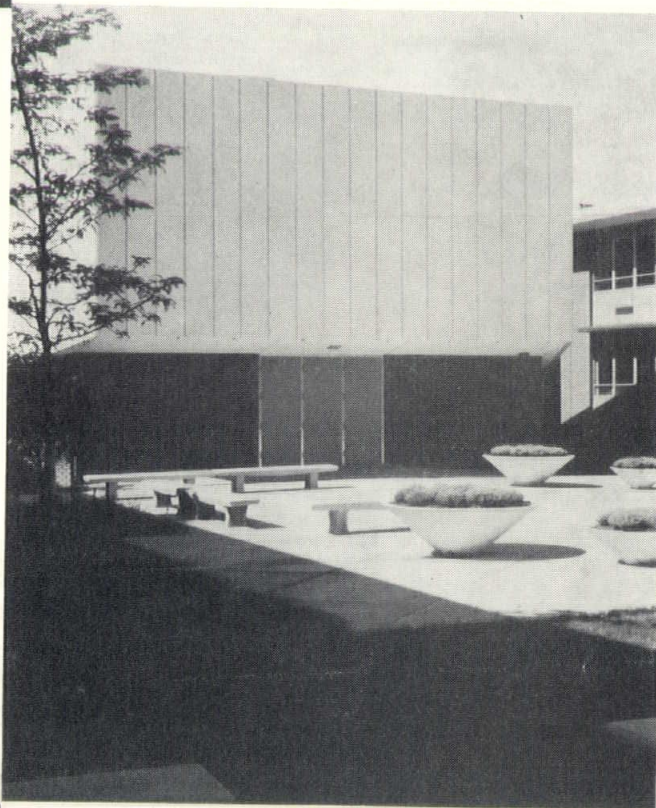
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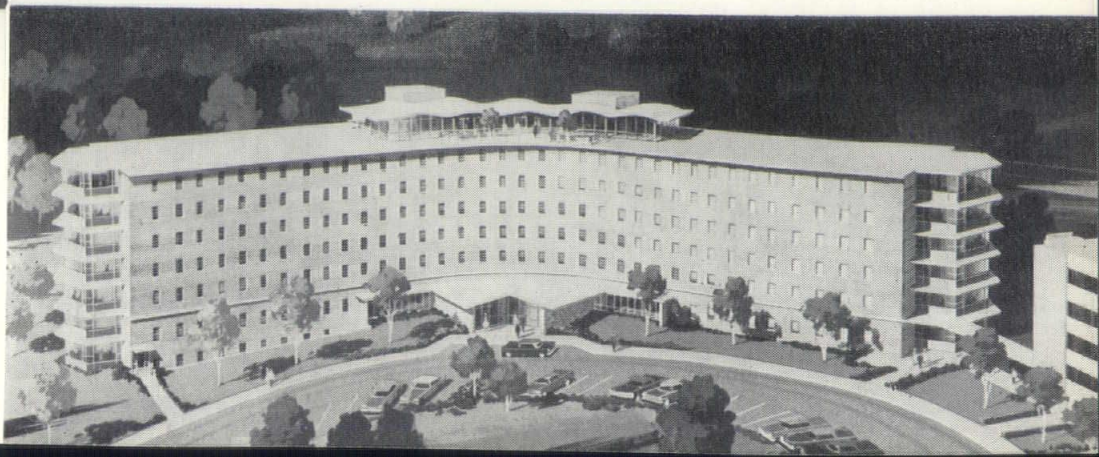
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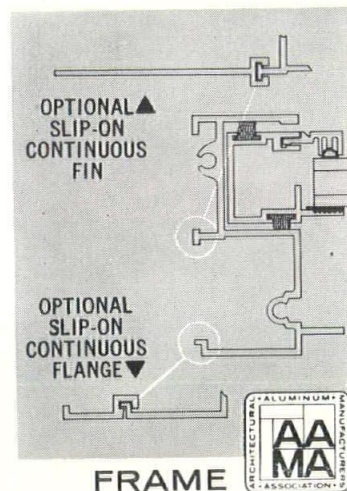


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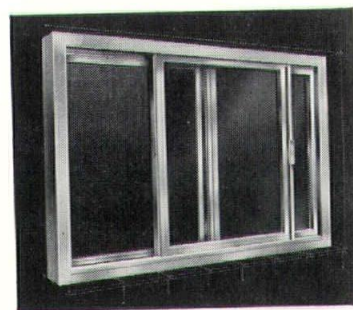


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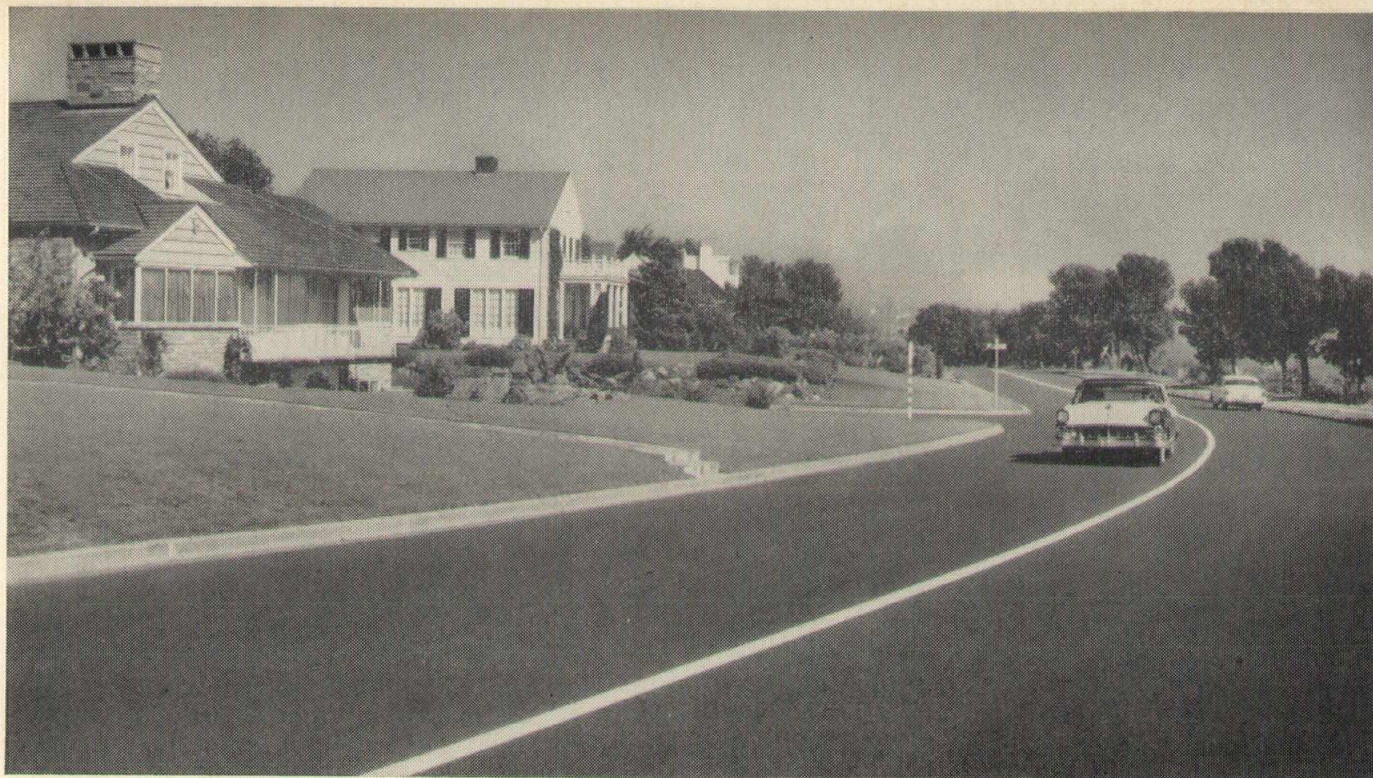
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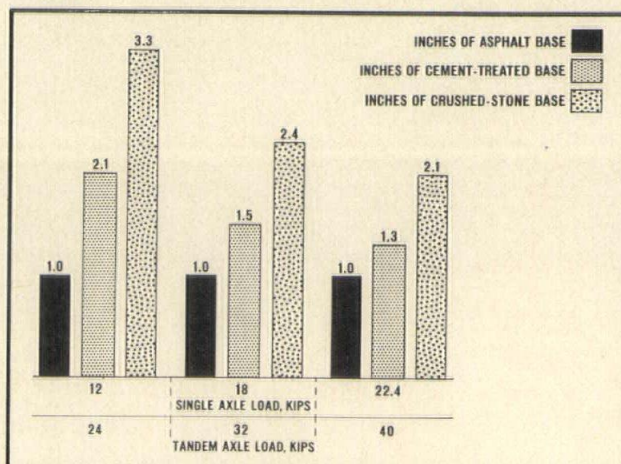
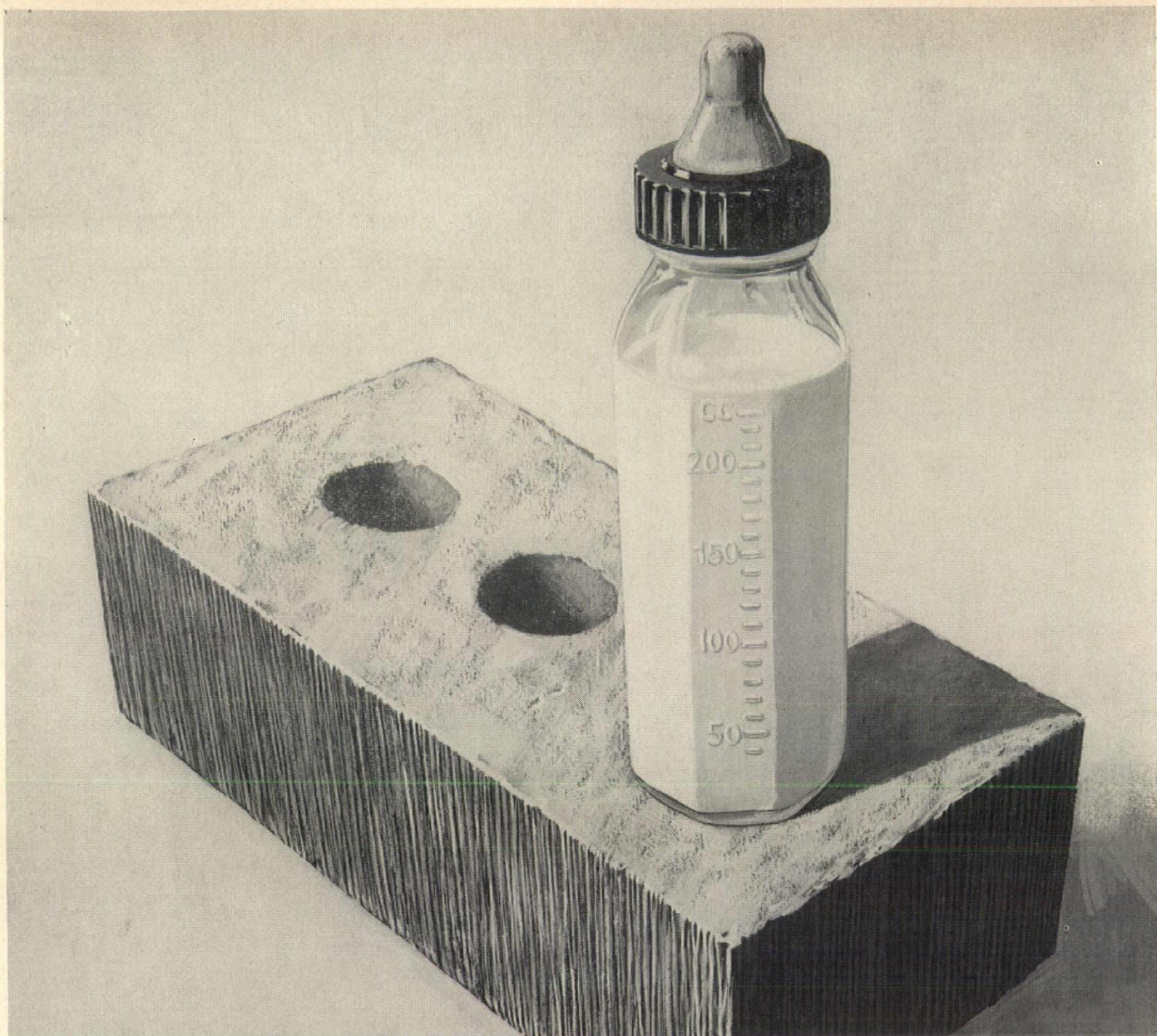


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Is There A Doctor for Society in the House?

FOR SOME WHILE it has seemed pointless to add to the volume of, mostly repetitive, words written about the sociological problem of the Negro in American society. But the present drift shows an apparently irreconcilable division in attitudes on the subject which is an alarming re-run of the clash between extremists that resulted in the violent and unsatisfactory method of the Negro's freedom from slave status.

We have in the North and the South today the conservative who is trying to take a rational, humanistic, comprehensive view of all aspects of the tangled problem. This group fails, both by its action and its philosophy, to attract any considerable national attention or to influence the large masses that seem responsive only to sensational headlines.

In the Lower South, as illustrated in Alabama and Mississippi, we have the die-hard segregationists who are determined at all hazards to resist any change in their social structure. Our Attorney-General, who seems to have become something like Executive President in Charge of Integration, found Alabama to be "like a foreign land." It never occurs to the likes of Mr. Robert Kennedy to realize that his region might seem like a foreign land to Alabamians, and the roots of the Alabamians in American life go somewhat deeper than the Kennedys.

The ways of the Arizona desert are not like the ways on the Maine coast, nor are the ways of Los Angelenos similar to those of old-line Philadelphians. It is a country of vast diversities, and it would be inconceivable to ask a hot-country cowboy to think, feel, and act like a New England fisherman, or a woodsman of the Northwest to trade places with an Ivy Leagued vestryman of a Fifth Avenue church. Every human attitude is conditioned by its own society. As was said by anthropologist Franz Boas, "It is felt more and more that hardly any trait of culture can be understood when taken out of its general setting."

The re-emergence of the long slumbering dilemma has been caused by a repeat of the mistakes of the past—playing politics with the Negro population. Learning nothing from the past, the Kennedys acted on the assumption that in wooing the Negro they had a safe campaign issue. In implementing Negro demands in the South, the Kennedys thought of the skillful use of force and Brave Bobby was praised as if he were some sort of field marshall commanding troops against an avowed enemy. To the surprise of the Brothers, the Negroes were not grateful. They had taken the campaign talk seriously. Suddenly the Negro as a political issue was no longer safe; the Negroes began to get out of hand and not just in the South.

The first remedy, of course, was more civil rights legislation, accompanied by the sudden awakening of the Head Kennedy that the Negro's condition presented a moral issue for everybody. This was news! Just as he was going to banish sickness and insure every one prosperity forever, the moral attitude of every one should be changed the next day. Presto, from Fifth Avenue to San Antonio, all moral climates should change. (Continued on page 69)

W. BRADLEY TYREE

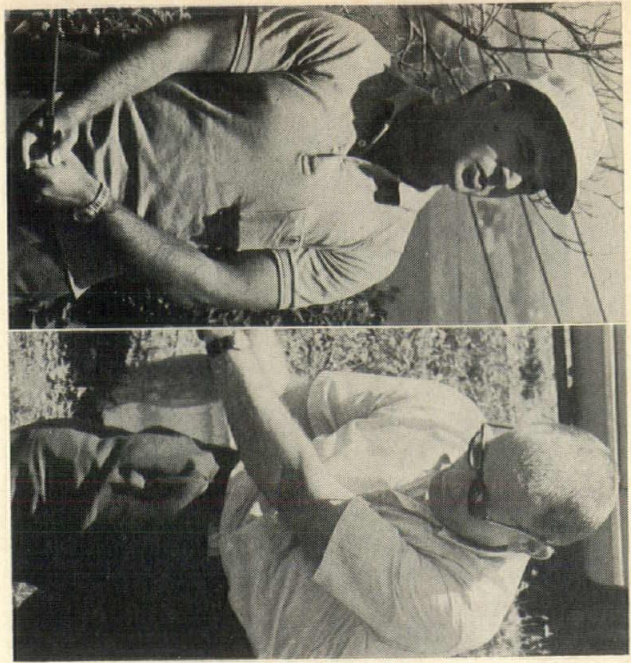
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virginia chapter

spring meeting



At the Virginia Chapter AIA meeting at the Ingleside Resort in Staunton there was a good balance between professional work and recreation. In the corner Chapter Secretary Eldon Wood takes coffee with Raymond Howell, a new associate member, and Chapter Vice-president Scott Rarlings. The golfers in the adjacent corner are Bob Ward and Bob Neale. The Mayor of Staunton, Lewis Knowles, spoke to the architects (first photo in upper right hand strip) Clarence Kearfott, Bob Vernon and Dick Meagher appear next to him. Meeting Chairman D. P. Davis is shown at the right end of the strip. Other coffee lovers include, in the lower strip, Mrs. Carl M. Lindner, Jr., Jim Francis, Milton Griggs, Louise Scribner and Charlie Justice. At far right is Warren Hardwicke. (Photos by Carl M. Lindner, Jr.)



NEWS

A I A VIRGINIA CHAPTER

• The program offered a thorough and informative insight into some of the opportunities available to Virginia architects in the field of industrial development. D'Earcy P. Davis, Jr. served as program chairman.

Activities began on Thursday with the executive committee meeting and the president's reception. Following scheduled committee meetings on Friday morning, the professional seminar got under way after a Buffet Luncheon. Chairman Davis moderated the Seminar and introduced Mayor Lewis Knowles who welcomed the architects on behalf of the City of Staunton.

The first speaker on the panel, which had as its theme "The Architect in Industrial Development," was Joseph G. Hamrick, Director of Industrial Development for the State of Virginia, who solicited the aid of architects in getting proper industry to settle in Virginia. He stated that Industry is fast becoming a major factor in our economy, ranking with agriculture and tourism and cited some of Virginia's assets and liabilities.

General Alfred B. Denniston of the Governor's Staff for Industrial Development presented some of the "Helps Available to Architects." He explained the programs and brochures which have been designed to aid a community in evaluating its assets and liabilities, and presented information about forthcoming Community Workshops to be held at VPI during June and July.

First-hand accounts of problems faced by a community in a program of industrial development were related by the Honorable John O. Marsh, Jr., member of the House of Representatives from the Seventh Virginia District. He recalled some "learning by doing" experiences in his first attempts at getting industry to settle in Strasburg, Va. and stressed the need of professional leadership for determining and presenting the assets and liabilities of a community.

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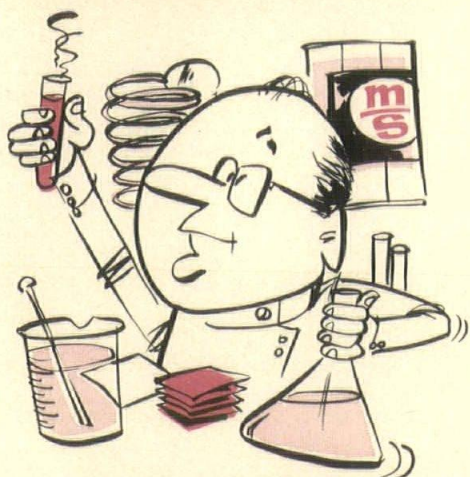
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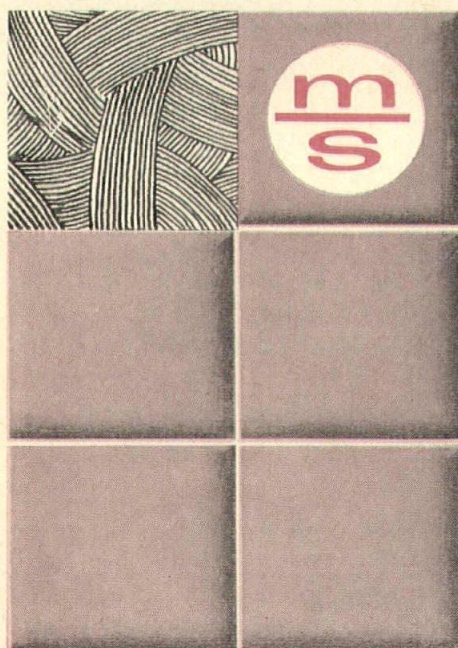


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New plant location from the viewpoint of Industry was analyzed by James A. Babcock, Manager of Westinghouse Headquarters Manufacturing Planning of Pittsburgh. He gave some of the factors which determined the location of the Westinghouse plant in Staunton and listed some which are customarily sought out: availability of skilled labor without undue competition with other industries, a good business climate, local trade schools, good living conditions, good schools and a stable tax structure.

Adrian Sonn, member of the Rockingham Development Corporation Board of Directors, recalled that in setting up the Development Corporation with men from industry and business, the potential or nature of the architect was completely overlooked. Architects were urged to be more active on the community level in programs designed to encourage community and financial growth.

The banquet was held on Friday evening, after which special chapter citations were presented to Chapter Member Clarence B. Kearfott for outstanding service to the Chapter, to Chapter Member Louie L. Scribner for outstanding service in civic affairs and to Grover C. Stone for outstanding service to the Architectural Profession in the field of architectural delineation.

(Continued on page 10)

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Membership Certificates were presented to new Corporate and Associate members, and the winners of the 1963 Solite Awards from VPI and UVA were recognized.

The banquet speaker was "Dr." Earl Gilbert of "Eola College, Eola, Michigan," who delighted everyone with his observations on (among other things) bird-watching. Dancing followed with music by the Royal Virginians.

A Chapter Business Session was held Saturday morning.

President Owen presented important highlights of the recent Miami Convention and information relative to the forthcoming competition for a new Headquarters Building adjacent to the Octagon.

Chapter endorsement was given to a resolution of the Governor's Advisory Research Committee on School Buildings, recommending exceptions in classroom window area requirements for research purposes.

Announcement was made of plans for the Chapter's Fall 1963 Meeting to be held in Annapolis, Maryland, concurrent with the Regional Conference on Design on October 17-19. The Winter Annual 1964 Meeting will be held in Richmond on January 30, February 1 and 2, 1964 and will be the first meeting of the Golden Anniversary Year.

A tour of the local Westinghouse plant concluded the spring meeting.

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HARRY S. CRUICKSHANK

Born in Providence, Rhode Island on August 8, 1933, he graduated from the Rhode Island School of Design with a B.S. in Architecture in 1956. In 1958, he received a Master of Fine Arts in Architecture Degree from Princeton University. He has been with Ben R. Johns, Jr. in Richmond since February, 1959.

PHIPPS WORTH LUNDY

With Smithey and Boynton in Roanoke since October, 1956, Lundy was born in Graham, Texas on June 17, 1933. He obtained a diploma from the Augusta Military Academy at Fort Defiance, Virginia in 1950, and later attended Virginia Polytechnic Institute for one year.



GEORGE REVELL MICHAEL, JR.

A native of Baltimore, he was born November 24, 1931, and graduated from high school in Parksley, Virginia. After receiving a B.A. Degree from William and Mary in 1954 and serving two years with the Armed Forces, he entered the University of Virginia and earned a Bachelor of Architecture Degree in 1962. While in school, Michael worked as a draftsman with Milton L. Grigg, and he currently resides in Alexandria.

(Continued on page 12)

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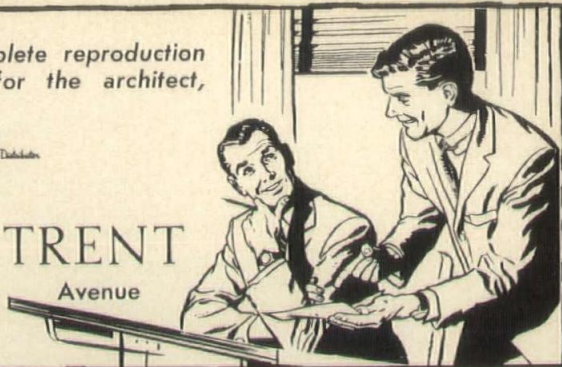


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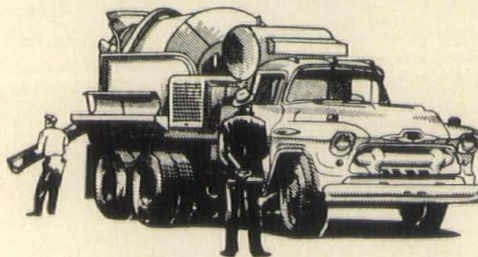
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- Southampton Medical Building, page 30

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FLETCHER FORT RUSH

A native of Bessemer, Alabama where he was born May 25, 1928, Rush graduated from the Junior College of Augusta, Georgia in 1947, and received a Bachelor of Architecture Degree from Alabama Polytechnic Institute at Auburn in 1951. He has been with Hayes, Seay, Mattern and Mattern in Roanoke since April, 1958, first as a draftsman, currently as assistant department head.

WENDELL ALLEN SMITH

Born June 25, 1928 in Detroit, Michigan, he graduated from high school in that city in 1946. He received a Bachelor of Science in Building Design from Virginia Polytechnic Institute in 1952, and in 1958, earned a Master of Science in Architecture from the same school. Since June, 1953, Smith has been with Hayes, Seay, Mattern & Mattern in Roanoke.



KIRIL A. TOSCHEFF

A native of Lom, Bulgaria where he was born March 31, 1922, he graduated from high school there in 1940, and entered the Technical University at Vienna, Austria where he spent two years in architectural training. After three years at the Technical University at Karlsruhe, West Germany, he received an architect's certificate in 1945, and spent the next three years on the teaching staff there before going into business for himself. Since immigrating to this country twelve years ago, he has worked with architects in St. Paul, Minnesota, and since last October has been with the U. S. Army Corps of Engineers in Norfolk.

(Continued on page 14)

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- St. Thomas More Church, See Page 27

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After attending high schools in four different states, Wilson earned his diploma in Merchantsville, New Jersey in 1950. A native of Roanoke, where he was born February 3, 1932, he graduated from Virginia Polytechnic Institute with a B.S. in Building Design in 1960. Since June, 1958 he has been an architectural draftsman with Smithey & Boynton in Roanoke.

richmond section officers

- The following officers were installed at the last meeting of the Richmond Section:

HUBERT L. JONES, *President*

G. RICHARD BROWN, *Vice President*

WILLIAM W. MOSELEY, *Secretary*

ROSCOE E. PUCKETT, *Treasurer*

tidewater architects

- Tidewater, Virginia, stands today on the threshold to radical change. The impact of the Chesapeake Bay Bridge Tunnel, scheduled for completion in 1964, appears to hold the promise of a great metropolitan empire springing up around the world's largest harbor, Hampton Roads.

Tidewater's architects will fall heir to much of the planning for schools, libraries, professional buildings, stores, homes, hotels and motels to accommodate the indicated population explosion in the area.

The June exhibition of the Tidewater Section, Virginia Chapter, A.I.A., entitled "Tidewater Architecture, '63", is not only a glimpse into the Tidewater future, but a look at what has been going on, or rather up, in the last year or so.

The casual visitor walking the maze of panels of architectural elevations, floor plans, photographs, renderings, and models, develops comment like "modern" or "sleek" or "open", and certainly the exhibition capsules a contemporary approach to recent and current architectural design in the Hampton Roads area.

The same visitor, however, cannot come away from his quick cross-section trip without a realization that the architects, whether designing a hospital or a home, are more and more concerned with the freedom and comfort of its user.

Light and space use are quickly realized in a glance down a group of panels such as those prepared by the firm of Lublin, McGaughy and Associates to show their concept of the new Kirn Memorial Library in downtown

(Continued on page 16)

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Page 23

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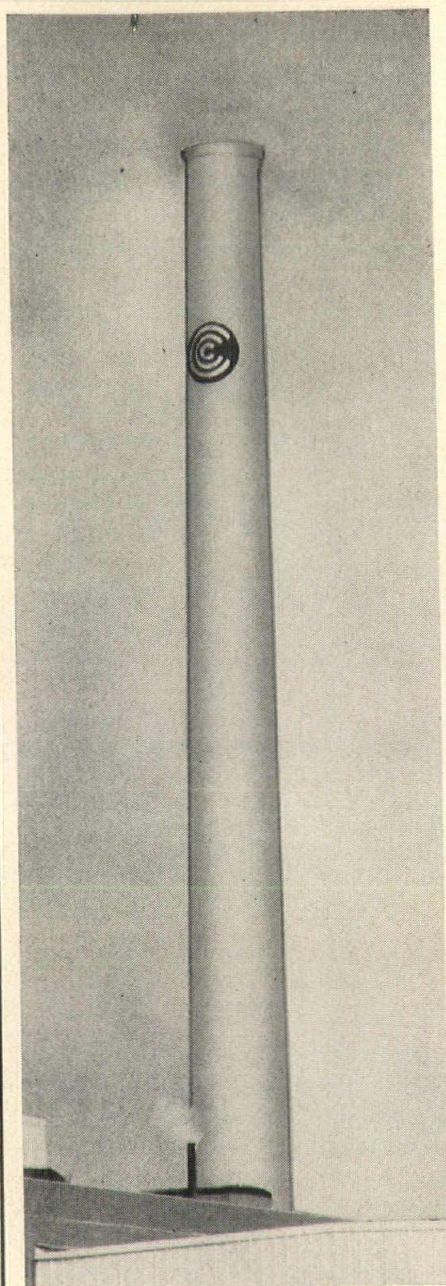
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RICHMOND, VA.

Norfolk, or Williams and Tazewell's concept of the new Trailways Bus Terminal.

Another photograph shows a group of elementary school children happily at play in a sunny and spacious interior courtyard deep within the complex of the school plant designed by Oliver and Smith.

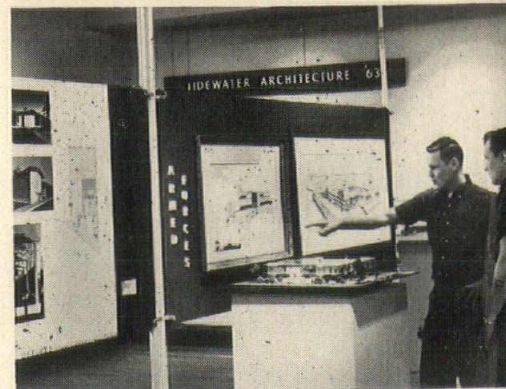
Physically, the exhibition is attractive. It is sparked by a variety of presentation media on 40" x 8' multicolored panels fixed to the Museum ceiling by telescoping, vacuum-capped poles.

An example of one architect's presentation (Tidewater A.I.A. section President, Sol William Cohen) offers two panels. A partially-painted, stripped wood section holds a floor plan raised and viewed through clear, orange-tinted plastic with a printed description of the A. Jay Dunning residence. The description gives price, physical aspects, and such pertinent paragraphs as:

"The major economy lies in the roof construction which consists simply of rafters, held to the minimum pitch at which three tab shingles could be applied and plastered underneath, thus forming cathedral ceilings in all spaces."

Directly below is a scale model of the Dunning residence encased in plastic.

Adjacent is another panel showing another residence by the same architect, consisting of mounted color photos of



exterior and interior and again, an actual floor plan, below orange plastic.

In five panels, Lublin McGaughey & Associates show floor plans and photos of the Western Branch Baptist Church. Side-by-side photos show the church as it looks in the mid-day sun and by night, with dramatic lighting effects on three crosses which tower over the building.

Architect Melvin Spence mounted his elevations on actual blueprints, dry-mounted on a 40" x 40" panel.

Mills, Petticord, and Mills show not only the finished model execution for the Holton Arms School at Bethesda, Md., but also preliminary drawings for the school.

An architectural exhibition, like an industrial exhibition, has a hard time escaping the time-worn comment:

"What'll they think of next?"

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• C & P TELEPHONE CO., PAGE 45

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Structural steel suppliers for the
new St. Thomas More Church,
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- Marion Primary School,
page 46
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page 46

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Masonry Contractors: Ravensworth Elementary School, Page 45

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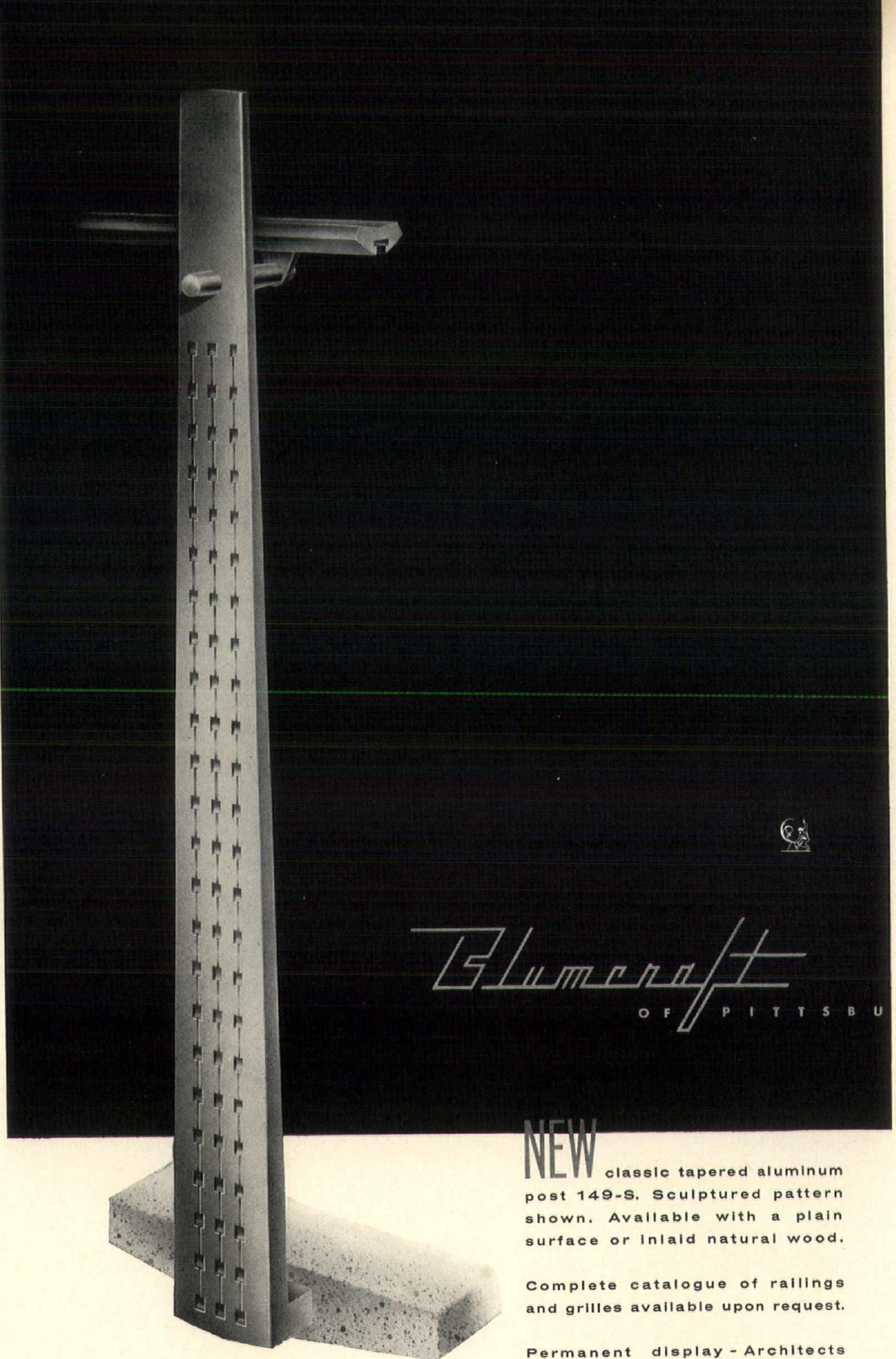
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See the Ferrum Elementary
School, page 32



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MATHEW J. THOMPSON, III

electrical engineers

VANSANT & GUSLER

general contractor

REID & HOPE



• This building houses the department of Physics, Business Administration and Mathematics. The basic plan of this building is a central lecture hall flanked by two classroom wings with their supporting faculty offices and related spaces forming a link building. The lecture hall has a step floor affording good vision for demonstration work and visual aid presentations. A second story cat-walk over the demonstration table permits large mock-ups and experimental displays to be viewed by 100% of the class.

Air-conditioning and heating facilities are housed in a 3-story mechanical space centered in the link portion of the building. The future air-conditioning of the classrooms is provided for at this time.

Three specialized physics lab rooms have a complete high voltage electrical system fed in under floor ducts to each pupil station island. Flexibility of these spaces is achieved by the positioning of the service islands for movable furnishings.

The structural frame is poured in place reinforced concrete, with a prestressed concrete double tee floor system. Overhangs at the exterior windows are concrete canopies poured as a part of the structural system.

The dominant exterior feature of the building is the landscaped student court between the classroom wings at the lecture hall. Here generous benches afford the students a chance to relax and meet their friends during class breaks. The mall facade features balcony entrances complementing the neighboring buildings. Basic exterior materials are red face brick, cream solar screen walls, blue tile window spandrels and white mosaic cast stone facing.

Reid & Hope, Suffolk, were general contractors, with the following Norfolk subcontractors and suppliers:

E. C. Womack, Inc., excavating; Woodrow W. Ford, piling; Southern Materials Co., Inc., concrete; Snow, Jr. & King, Inc., stone work, masonry; Globe Iron Construction Co., Inc., handrails, steel, steel roof deck; Southern Block & Pipe Corp., prestressed concrete, roof deck; Roof Engineering Corp., roofing; Pittsburgh Plate Glass Co., glazing; Shaw Paint & Wall Paper Co., Inc., painting, plastic wall finish; John Brothers, plaster insulation; The Hampshire Corp., acoustical; Grover L. White, Inc., ceramic tile; Burton Lumber Corp., millwork; E. G. Middleton, Inc., lighting fixtures, electrical work; E. K. Wilson & Sons, Inc., plumbing fixtures, plumbing, air conditioning, heating and ventilating.

Foundations, windows and carpentry work was by the general contractor.



St. Christopher's Protestant Episcopal Church

Portsmouth

THE PLAN of this church centers about the nave and chancel. The chapel, parish hall classrooms and utilities surround the church on three sides. This feature allows one to enter either end of the nave within the building proper. The parish hall and chapel balance each side of the portico entrance to the church, and can be opened to the congregation without entering the nave or classrooms.

The nave is entered under a balcony choir loft and follows the basic form of the early Christian churches with the dominant space over 30 ft. in height and low ceiling over the side aisles. The main feature of the chancel is the free standing altar with its continuous communion rail on all sides, thus affording a more intimate communion service. All church furniture and furnishings are done in a natural cherry finish with reredos wall in a white mosaic stone panel, accenting the suspended church cross over the altar.

The future development will extend the two flanking classroom sides to the rear of the building with a larger parish hall centered between them directly behind the chancel. The present parish hall will then be used for a fellowship hall.

The exterior of the building is highlighted by cast stone screen walls in front of the chapel and parish hall.

W. B. Meredith II, Inc., Norfolk, was general contractor with the following subcontractors and suppliers:

Woodrow W. Ford, Norfolk, piling; Snow, Jr. & King, Inc., masonry; Standard Iron & Steel Co., Inc., steel; Roof Engineering Corp., steel roof deck; American Sheet Metal Corp., Ajax Co., Inc., roofing; Economy Cast Stone Co., Richmond, stone work; Brown & Grist, Inc., Newport News, windows.

Acme Glass Service, glazing; Burgess Brothers, Portsmouth, painting; Hampshire Corp., acoustical tile; A. D. Stowe, plaster; Ferrell Linoleum and Tile Co., Inc., terrazzo, ceramic tile; Ajax Co., Inc., resilient tile; Elliot & Co., Inc., millwork; Roanoke Engineering Sales Co., Roanoke, steel doors and bucks; Tuck & Kendall, Inc., lighting fixtures, electrical work; W. C. Osborne Plumbing & Heating, Portsmouth, plumbing fixtures, plumbing, heating, ventilating.

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

All are Norfolk firms unless otherwise noted.

architects:

OLIVER & SMITH

engineering:

mechanical and electrical—HERBERT L. BREGMAN
structural—FRAIOLI—BLUM—YESSELMAN

general contractor:

W. B. MEREDITH, II, INC.





Virginia Employment Commission

Photos by Colonial Studios

architects
CARNEAL & JOHNSTON
engineers
HANKINS & ANDERSON
general contractor
BASIC CONSTRUCTION CO.

• The Virginia Employment Commission has recently occupied its new four story headquarters building in downtown Richmond.

Designed by Carneal & Johnston, Architects, the 127 by 148 foot rectangular building is located at 7th and Main Streets. Strikingly clean and modern in appearance, the building's principal facade is composed of window wall sections surrounded by limestone and forming six large panels. The granite base slopes due to the grade of the street and provides for two planting terraces, one of them surrounding the twin flagpoles, adjacent to the Main Street entrance.

SUBCONTRACTORS & SUPPLIERS

McKinney Drilling Co., Alexandria, foundations; Capital Concrete Corp., concrete; Hammond Masonry Corp., Sandston, masonry; Virginia Steel Co., Inc., steel; Montague-Betts Co., Inc., steel roof deck; Eastern Lift Slab, Inc., prestressed concrete; Whitley Roofing Co., Inc., roofing; Indiana Limestone Co., Bedford, Ind., stone work; Reynolds Metals Co., Richmond, windows, window walls.

Also, Binswanger Glass Co., glazing; Lane Bros., Inc., painting, plastic wall finish; Valley Lumber Corp., Roanoke, millwork, paneling; Richmond Primoid, Inc., waterproofing; W. Morton Northern & Co., Inc., acoustical, resilient tile; Robert H. Wilton, plaster; Oliva & Lazzari, Inc., ceramic tile, terrazzo; E. C. Ernst, Inc., electrical work; Wm. H. White, Jr., Inc., plumbing, air conditioning, heating, ventilating; Westinghouse Electric, elevators; Marshall Edwards Co., Lynchburg, steel doors and bucks.

The general contractors did the excavating and carpentry.

All are Richmond firms unless otherwise noted.

Interior partitions of the building are of masonry block with ceramic tile and vinyl finish. The roof is built-up, the windows are of aluminum and the floors are of terrazzo and tile.

Adjacent to the building at the rear toward Cary Street is a parking deck for the building's occupants.

The entrance and elevator lobby is finely detailed in marble with terrazzo floors as shown below. The building contains a complete data processing section with appropriate computers to carry on the commission's work, as shown in the photo accompanying this article.



MODINE PLANT IN BUENA VISTA

WILEY & WILSON
Architects - Engineers

N. C. MONROE CONSTRUCTION CO.
General Contractors

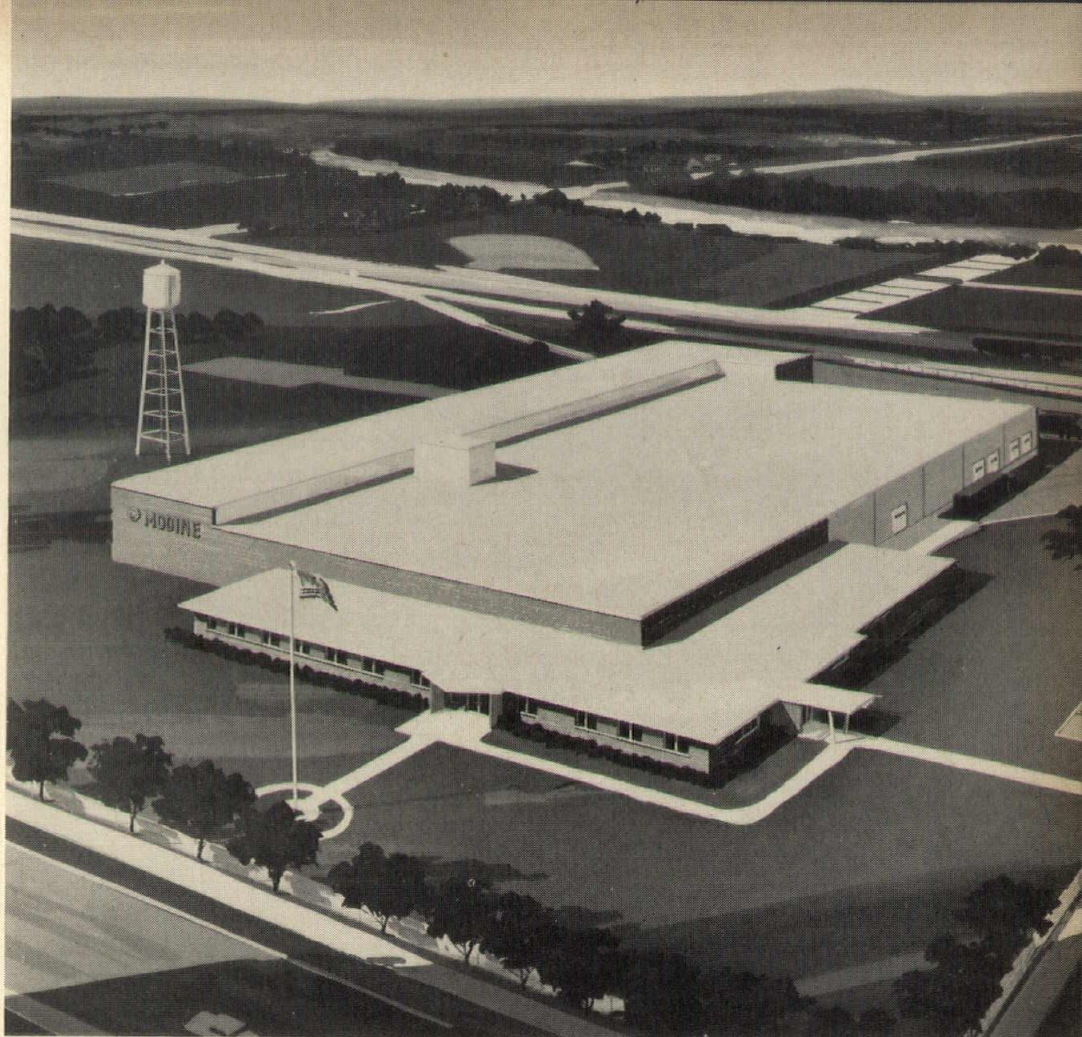
● To meet its need of a manufacturing outlet for the eastern area of the country, the Modine Manufacturing Company of Racine, Wisconsin selected a plant site in Buena Vista. The site is located within the limits of Buena Vista on the north side of Magnolia Avenue with the entrance at 13th Street. This site was the former location of the old Leas & McVitty plant.

The new Modine plant is composed of a large one-story manufacturing and warehouse area with 18 and 25 feet height clearances, the higher allowing for a traveling crane in the heavy press area and a phosphate finishing mezzanine area above the welding operations. The property is adjacent to the Norfolk & Western Railway and a rail spur extends through a two-bay wing on the north side for inside unloading of sheet metal materials by means of the traveling crane.

Indicated by the perspective are the south and east low one-story wing areas which compose the general administrative offices on the south and the employee entrance, locker rooms and wash rooms, and a paper carton storage area, on the east.

These various floor areas total approximately 102,600 square feet including cribbage and mechanical equipment mezzanines in the manufacturing areas. The site extends to the west sufficiently to allow in the future, for two more construction stages of 100,000 square feet each. To the east the site provides adequate space for office and employee parking. The property will be entirely fenced in with a guard station located at the 13th Street entrance gates.

The manufacturing and warehouse building area is constructed of a structural steel beam and joist skeleton framework composed of 40 x 50 foot



SUBCONTRACTORS & SUPPLIERS

Woodrow W. Ford, Norfolk, piling; Webster Brick Co., Inc., Roanoke, masonry; Montague-Betts Co., Inc., Lynchburg, steel, steel roof deck; Virginia Prestressed Concrete Corp., Roanoke, prestressed concrete, Insulrock roof deck; Valley Roofing Corp., Roanoke, roofing, insulation; Bowen-Hamor Co., Inc., Charlotte, N. C., Lupton windows, glazing.

Brewer Paint & Wallpaper Co., Greensboro, painting, plastic wall finish; Glazed Products, Inc., Martinsville, "Decor-Glaze" structural block; Sedgfield Tile & Marble, Greensboro, ceramic tile; W. Morton Northen & Co., Inc., Richmond, resilient tile; Taylor Brothers, Inc., Lynchburg, millwork; Valley Metal Products, Roanoke, steel doors and bucks.

The Welton Co., Richmond, handrails; McDaniel-Kelly Electric Co., Inc., Lynchburg, lighting fixtures (Pittsburgh Reflector Co., fixtures supplied by Thomas P. Harris, Jr., Richmond); electrical work; Progressive Products Corp., Roanoke, plumbing fixtures, plumbing, air conditioning, heating and ventilating.

Kalman Floor Co., Charlotte, N. C., hard topping; Lightweight Block Co., Inc., Roanoke, wall reinforcing; Andco Industries Corp., Greensboro, aluminum letters; A. L. Horwitz, Roanoke, wire mesh partitions; Roanoke Engineering Sales Co., Roanoke, toilet partitions; Hardware Distributors, Inc., Greensboro, finish hardware; Economy Cast Stone Co., Richmond, cast stone.

Alton Waterproofing Co., Greensboro, caulking; Cyclone Fence Co., Greensboro, link fencing; High Point Sprinkler Co., High Point, N. C., sprinkler system; Adams Construction Co., Roanoke, paving; Waynesboro Landscape Service & Garden Center, Waynesboro, seeding; John H. Morrison & Sons, Lynchburg, metal lockers; C. & M. Industrial Associates, Washington, D. C., crane and hoist.

N. C. Monroe Construction Co., Greensboro, the general contractor, is doing the work on excavating, foundations, concrete, carpentry, waterproofing and plaster.

bays, with cavity walls of face brick veneer and masonry block back-up. The roof is of steel deck with insulation and built-up roofing terminated by aluminum gravel stop and fascia at the eaves.

The low wing office and employee portion of the building is constructed of cavity load bearing face brick and masonry block back-up walls with prestressed concrete joists and structural insulated type roof deck covered with built-up roofing. Office area floors will have concrete floors covered with asphalt tile, and office toilets with ceramic tile floors, painted walls and furred plaster ceilings. Employee areas will have colored concrete floors, glaze painted walls and painted exposed construction. Other areas included will be personnel, lunch room, lobby and general and managerial offices.

Mechanical work includes year-round air conditioning in the office area, heating and ventilating for the manufacturing and warehouse areas, and certain other work and equipment for process gas and compressed air distribution for the plant. The sprinkler system includes complete fire protection with wet and dry systems using the

(Continued on page 62)



HERMITAGE IN NORTHERN VIRGINIA

ALLEN J. DICKEY, AIA: Architect

KENDRICK & REDINGER • PAUL G. RASMUSEN • J. GIBSON WILSON
Consulting Engineers

EUGENE SIMPSON & BRO., INC.: General Contractor

Hermitage in Northern Virginia, the \$3,000,000.00 completely air-conditioned home for the aging with adjoining health center, was completed last September in Alexandria by the Virginia Conference of the Methodist Church. Allen J. Dickey, A.I.A., of Arlington, was the architect.

With no age limitations and no denominational requirements for admission, Hermitage In Northern Virginia has accommodations for 228 residents (men, women, and couples), plus space for 96 patients in the health center. It is located on Fairbanks Avenue, near Bailey's Crossroads and Shirley Highway, on a seven-acre site once owned by George Washington.

This project represents the first and largest step in the

expansion program being developed by the Hermitage Board, with Dr. Bernard S. Via as administrator. Hermitage In Northern Virginia has been made possible largely through the benefaction of Mr. B. M. Smith, a prominent citizen and churchman of Arlington, who is donating the land and giving assistance in the establishment, on adjoining property, of a Methodist Church as well as a headquarters' building for the Alexandria District of the Virginia Conference.

Dr. Via, who also administers Hermitage In Richmond, in speaking of the facilities of the home, points out that regardless of age, people must be treated as individuals. "Meeting the necessities of life," he says, "is only a small part of what is desired and needed by our older citizens. Hermitage has been designed with this in mind and offers a place to live creatively in a wholesome Christian atmosphere."

The home and health center is centrally located near public transportation and shopping centers, with wooded grounds which include a garden area, patio and walks. The eight-story building includes two elevators and numerous special features for the safety and comfort of the residents. Some of the interesting special features are sidewalk snow-melting devices, no thresholds, waist-high electrical outlets, extra wide doors, and easily operated windows. In addition, it is possible to go through the entire building without using stairs or steps.

The home includes a main lounge; dining room seating 250 persons; stainless steel kitchen; auditorium or multi-purpose room; six living rooms; 12 solariums; small chapel especially for meditation and prayer; library and conference room; greenhouse; recreation area including a hobby shop, snack bar, and barber and beauty shop; and a penthouse overlooking Washington which is used for recreational purposes.

There are 24 two-room apartments, 160 efficiency apartments, and 10 deluxe suites. Each apartment has at least two windows, a good-sized closet, telephone, heat control, complete bath, intercom, and nurses' call. Pick-up and delivery service and domestic washing and ironing facilities are available to all residents. For a reasonable cost residents may have wall-to-wall carpeting, a 39-inch cooking unit, and other extras.



The health center, with all modern health-maintenance facilities, includes an infirmary and clinic. It is a separate building, attached to the home by a covered walk and enclosed passage. Nurses and doctors are on duty 24 hours a day. The facilities of the center are available to the public as well as to the residents of the home. There are 64 single rooms and 16 double rooms, each with toilet facilities.

Based on the belief that for people of all ages, contentment and satisfaction are found in creative activities, ample opportunity for such activities is provided at Hermitage In Northern Virginia.

Dr. Via, Administrator, points out that activities in the home are planned with the thought that the later years should be restful years, and that the Church may well provide its aging men and women with a home-like atmosphere, nourishing food, fellowship, security, and privacy. "These comforts," he says, "have been earned and, in most cases, are richly deserved. But freedom from unwanted burdens and responsibilities is the basic thesis—not freedom from activity with resultant idleness."

In planning activities for residents, Hermitage has benefited from experience gained from administering 104 homes for the aging, owned and operated by the Methodist Church. Hermitage in Northern Virginia will operate in somewhat the same manner as Hermitage in Richmond, one of the 104 homes which has earned a reputation for excellence under the administration of Dr. Via.

The architectural firm of Allen J. Dickey, engaged for Hermitage In Northern Virginia, has been specializing for the most part in schools and churches over the past few years. Mr. Dickey speaks enthusiastically about the project. "This project," he says, "is a real challenge in a comparatively new field. Since the social and economic problems involved cannot be separated from housing and medical needs, considerable research was involved in order to get the total picture and to be completely uptodate. However, we tried to be imaginative as well as analytical.

"The acute need for housing for the aging," Mr. Dickey points out, "is reflected by the fact that today there are over 16,000,000 persons 65 years of age or older in the United States."

Eugene Simpson & Bro., Inc., Alexandria, was general contractor with the following subcontractors and suppliers:

S. A. Bruno Construction Corp., Alexandria, excavating; Bethlehem Steel Co., Bethlehem, Pa., reinforcing steel; Southern Iron Works, Inc., Springfield, steel; Otis Elevator, Washington, elevators; H. H. Robertson Co., Washington, steel roof deck; Anning-Johnson Co., Alexandria, gypsum roof deck; Marsteller Corp., Roanoke, special roofing.

Piquado Stone Co., Adelphi, Md., stone work; Capital Products, Inc., Washington, windows; Tec-Fab, Inc., Beltsville, Md., windows walls; Duckworth Roofing Co., Inc., Washington, structural wood; Alto Glass Co., Altoona, Pa., glazing; John H. Davis Company, Washington, painting.

Standard Floors, Inc., Washington, plastic wall covering, resilient tile; Masonry Waterproofing Co., Arlington, waterproofing; Chamberlin Co. of America, Inc., Washington, weatherstripping; Bilton Insulation & Supply, Inc., Arlington; Hampshire Corp., Bladensburg, Md., acoustical; D. Compe & Son, Arlington, plaster; Avon Tile Co., Washington, ceramic tile, terrazzo.

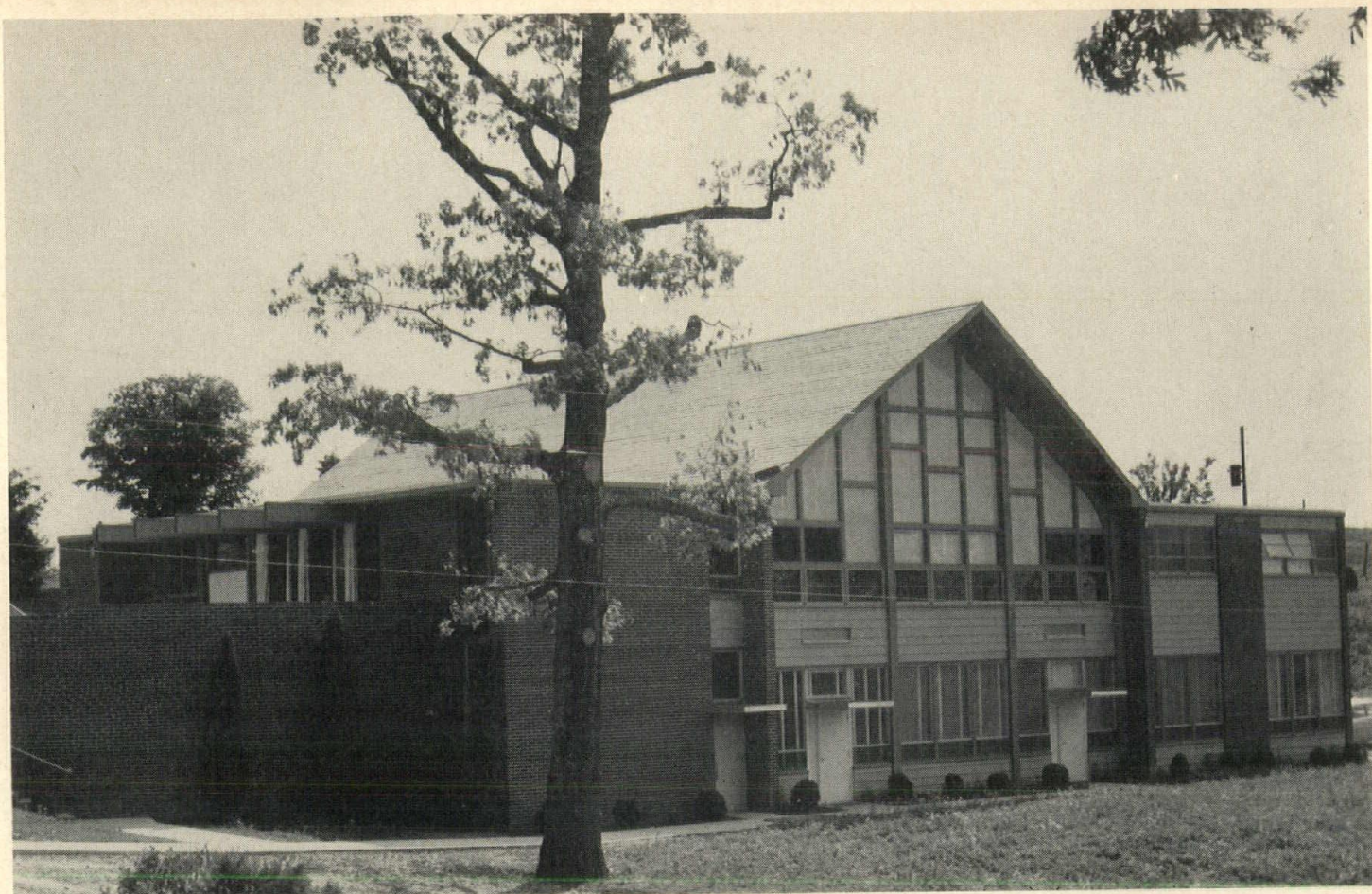
A. F. Jorss Iron Works, Inc., Arlington, handrails, miscellaneous metal; Ruffin & Payne, Inc., Alexandria, millwork; Williamsburg Steel Products, New York, N.Y., steel doors and bucks; Eugene W. Zimmerman Corp., Alexandria, lighting fixtures, electrical work; Noland Co., Arlington, plumbing fixtures; Dwyer, Inc., Alexandria, plumbing, air conditioning, heating and ventilating; Barber & Ross

Co., Washington; Washington Tobacco Co., Washington, kitchen equipment.

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



(Photos by Charles Baptie)



OAK HILL ACADEMY DINING HALL — MOUTH OF WILSON —

ECHOLS-SPARGER & ASSOCIATES
Architects

RICHARD E. PHILLIPPI, INC., General Contractor

THE OAK HILL BAPTIST ACADEMY is a campus style high school for underprivileged and problem children. At present its main facilities include a girls' dormitory, a junior boys' dormitory, senior boys' dormitory, an administration building, gymnasium and academic building, residences for the president and the professors and the new dining hall.

Designed for multi-purpose uses, as an auditorium and as a dining hall, the new building also houses the administrative offices. Within the dining hall also are complete food service facilities, home economics and business education departments along with living quarters for two teachers. The dining hall also serves as a center for student activities and for social functions for the school.

A rectangular two story building 97 by 68 feet, it is located on sloping land as can be seen in the photograph. The exterior is faced with sand finished brick, aluminum and glass. The interior

partitions are of block. Part of the roof is built-up while the sloped portion has a covering of asbestos shingles. The windows are steel while the floors are finished with asphalt and quarry tile.

The siting for the building fits it into its surroundings. It is designed to create a stimulating atmosphere for those it serves. The students at the school participate in a work program and grow the majority of the food used at the school and served in this dining hall.

The contract price for the building was \$166,739.77, or \$12.66 per square foot. This included all equipment including dishwashing, food preparation, food handling, large walk-in refrigerators and deep freeze equipment.

Richard E. Phillippi, Inc., Wytheville, was general contractor, and did the work on foundations, concrete, masonry, carpentry, waterproofing, insulation.

Subcontractors and suppliers included Berry & Roberts, Galax, excavating; Montague-Betts Co., Inc., Lynchburg, steel; Associated Steel, Inc., Lynchburg, steel doors and bucks, steel roof deck; James H. Carr, Inc., Washington, D.C., structural wood, wooden roof deck; Leonard Smith Sheet Metal Works & Roofing, Inc., Salem, roofing.

Also Roanoke Engineering Sales, Inc., windows; Salem Glass Corp., glazing; H. P. Nicely, Johnson City, Tenn., painting; Metropolitan Brick Co., Minerva, Ohio, structural tile; Wearn Lumber Co., Charlotte, N. C. millwork, weatherstripping; Poole Plastering Co., Bristol, Tenn., acoustical, plaster; Joe Rainero Tile Co., Bristol, ceramic tile; W. Morton Northen & Co., Inc., Richmond, resilient tile.

Rowland Electric Co., Marion, electrical work; Galax Plumbing & Heating Co., Inc., Galax, (American-Standard fixtures) plumbing, heating and ventilating.

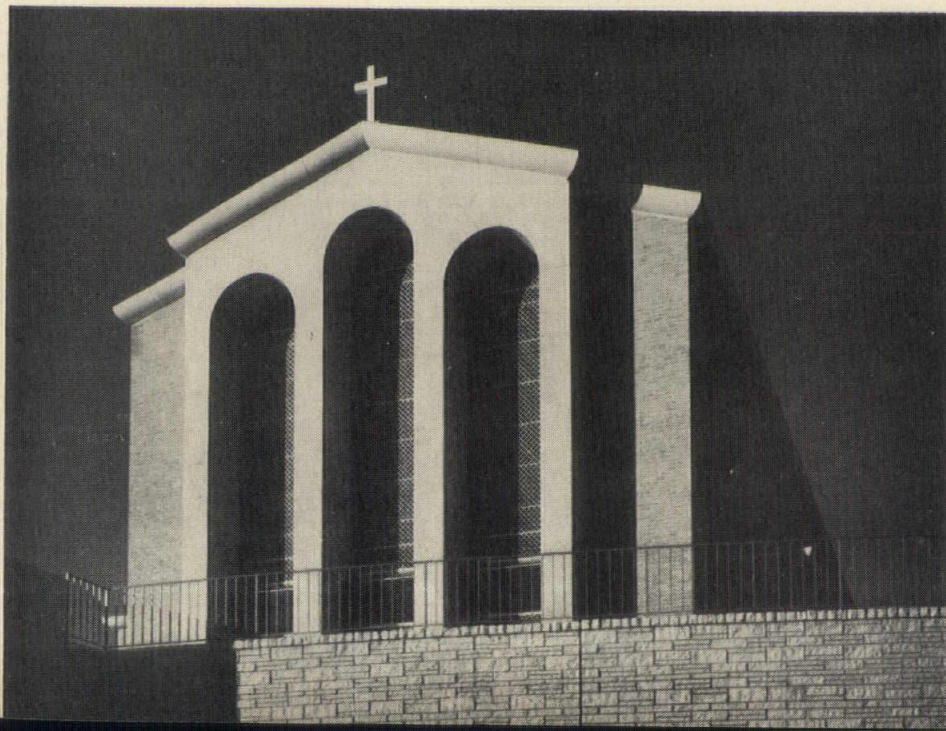
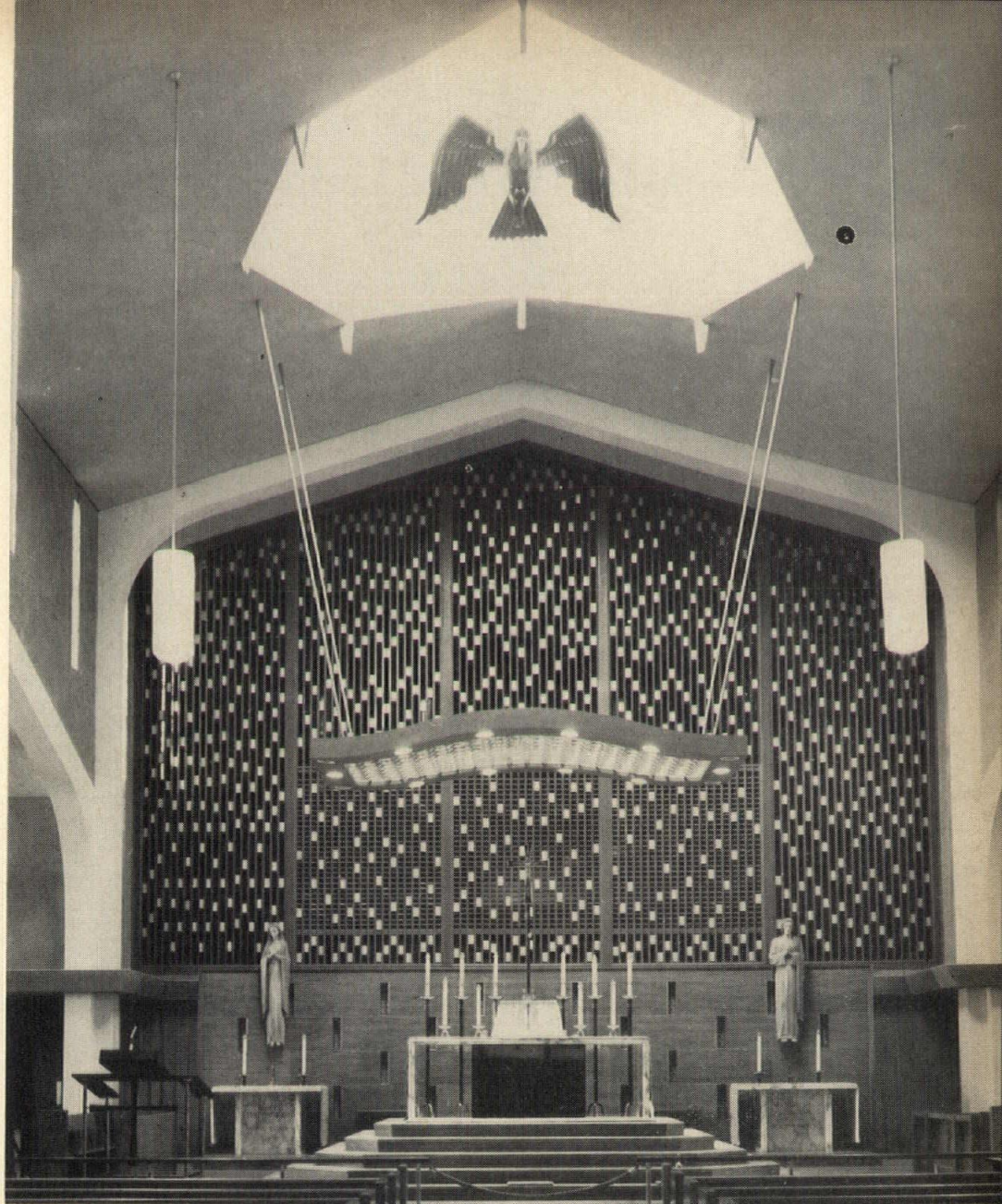
ST. THOMAS MORE ARLINGTON CHURCH

• On a small hill in Arlington County, overlooking Route 50 at Glebe Road stands the new St. Thomas More Roman Catholic Church. It was designed by T. J. Collins & Son, Architects, Staunton, is completely air-conditioned, seats 15,000 people including those in the choir and crying room, and cost \$750,000.00 complete.

With its front of unpolished pink marble against a soft pink range of brick, standing above a soft white wall, it gives an eye-catching facade for those in the area as well as the travelers going to and from Washington, D. C.

The church is of the old cruciform plan and, in the center, in the light from the dome above, stands a high altar upon a floor of marble. Back of the altar is a marble reredos separating the altar and ambulatory and private chapel. Above the ambulatory and back of the altar is the choir behind a decorative screen of wood and aluminum. A crying room is situated in a balcony over the front entrance. The floor of light terrazzo reflects the beauty brought about by the soft colors of the stained glass from France playing upon the soft wood paneling under the low walls of the side aisles, the painted plaster walls of the clerestory and the wood pews. A dove hangs in the center of the dome above the altar, significant of the Holy Ghost enlightening all the faithful.

(Continued on page 62)



T. J. COLLINS & SON
Architects

Mechanical and Electrical
Consultants

C. WARREN BOGAN & ASSOCIATES

Structural Consultant
W. B. VAN BAKERGEM

General Contractor
ALTIMONT BROTHERS, INC.

Downtown Harrisonburg Gets a New Look

TWO OF HARRISONBURG's oldest and largest retail stores have recently completed major remodeling projects, which give the central shopping district two ultra-modern commercial establishments.

Late in 1962, Joseph Ney's, Harrisonburg's largest department store purchased the former Grant store and adjacent Charles store to provide a new home for their popular Men's and Boys' Shop. The original stores, vacant for several years, were subjected to major face lifting and remodeling. The architects designed an exciting new edifice which gave the original pair of stores the appearance of one large store. This was accomplished by giving the original structure a totally new porcelain panel facing. The designer, in an effort to give the illusion of more height, created a pattern of alternating projecting light and dark brown vertical panels. A distinctive serpentine shaped canopy was added along the entire front. Imported soft-green Italian glass tile was applied on columns, pilasters and soffits adjacent to the display windows. The interior was completely remodeled with the latest in fixtures and displays. Colorful murals were painted throughout the interior by Mrs. Robert Marshman, a local artist, who illustrated the history of men's fashions throughout the past generations. The completed project has done much to rejuvenate a neglected corner in the heart of the downtown area and is an example of how aged commercial buildings can be revitalized.

In March of this year, J. S. Denton and Sons, one of the valley's largest and oldest furniture stores, completed a total remodeling of the exterior and main floor of its main store on Court Square in Harrisonburg. The original building was erected in 1921 and won praise at that time for its imposing

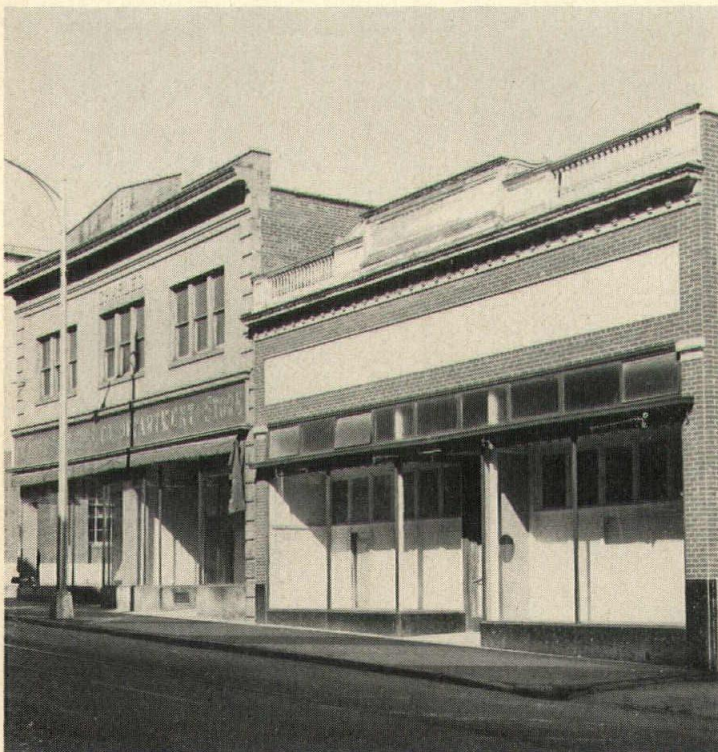
JOSEPH NEY'S, J. S. DENTON & SONS REMODELED

DAVIS & McCLINTOCK
Architects

HUNTER C. NUTTER, SR.
General Contractor



JOSEPH NEY'S BEFORE & AFTER (Gitchell's Studio)





DENTON'S: BEFORE AND AFTER



exterior. Faced with creating a more attractive and natural surrounding for displaying the latest in modern furniture, the firm valued highly its central location downtown and elected to remodel the existing store, rather than move to the suburbs as others have done. The architects designed a main floor in which the entrance was relocated far to one side, allowing all of the remaining frontage to be utilized as a large display window. No wall was provided behind the display window thus creating an open display far into the interior of the main floor.

For striking color, as well as ease of construction, large porcelain steel panels were erected to cover the entire main facade, with emphasis being placed upon the familiar firm sign, a design used for years throughout all of the firm's advertising media. Three shades of complementary greens were used in the porcelain, blending nicely with the rare green marble tile walls, adorning both sides of the display window. Gold anodized aluminum entrance and window trim give a crisp effect to the display window. Adjacent to the entrance is a continuously flowing fountain embedded in a rock garden of tropical garden green foliage. Also of interest is an unusual curved screen wall just inside the main entrance, consisting of richly curved dark walnut panels set in brilliant white and gold accented vertical struts. New lighting and acoustical tile suspended ceiling extend from the front glass line on into the main floor. Further into the interior, small room-like display cubicles have been arranged so that entire rooms of a particular style of furniture can be displayed. Here, the buyer sees the furniture arranged as he might expect to see it in his own home. This new trend in display has proven very popular.

Both the Ney project and the Denton project illustrate what can be done when commercial establishments want to show their faith in "downtown retail centers" by rebuilding in the downtown area.

DENTON'S: SUBCONTRACTORS & SUPPLIERS

Excel Steel Works, steel; Denton's Flooring & Tile Store, ceramic resilient and marble tile; Staunton Glass Co., Staunton, glazing, installation; Hankins & Johann, Inc., Richmond, window and door fabrication; Manson & Utley, Inc., Charlottesville, acoustical; Tristate Electrical Supply Co., Inc., lighting fixtures; Vance Electric, electrical work; Francis Cline & Son, plumbing.

Porcelain steel panel facing manufactured by Davison Porcelain Co., and erected by Dages Co., Richmond. Anodized aluminum sign by Colonial Hites Co., Greensboro, N. C.

Work on excavating, foundations, concrete, masonry, roof deck, roofing, structural wood, carpentry, painting, paneling, insulation, and plaster work done by the general contractor.

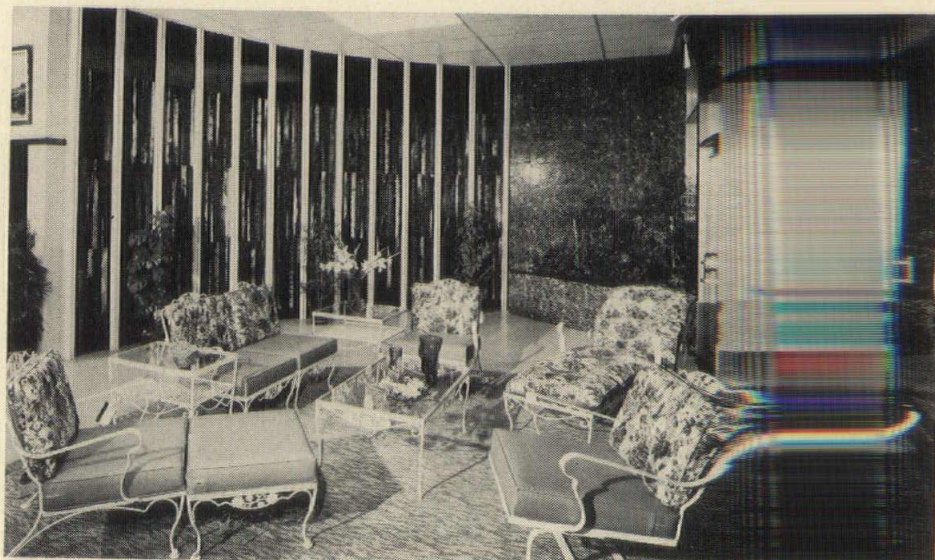
All are Harrisonburg firms unless noted otherwise.

JOSEPH NEY'S: SUBCONTRACTORS & SUPPLIERS

N. W. Martin & Brothers, Inc., Charlottesville, roofing; Cupples aluminum windows erected by Valley Glass Co.; Valley Glass Co., also erection of doors, glazing; Zirkle and Zirkle, painting (with general contractor); Italian glass tile set by Kauffman Tile Co.; Harrisonburg Electric Supply Co., Inc., electrical work; Riddleberger Bros., Inc., plumbing, air conditioning, heating and ventilating; porcelain steel panel facing manufactured by Davison Porcelain Co. and erected by Dages Co., Richmond.

Work on excavating, foundations, concrete, masonry, steel roof deck, roof deck, carpentry, insulation, wood flooring and millwork was done by the general contractor. Firms are of Harrisonburg unless otherwise noted.

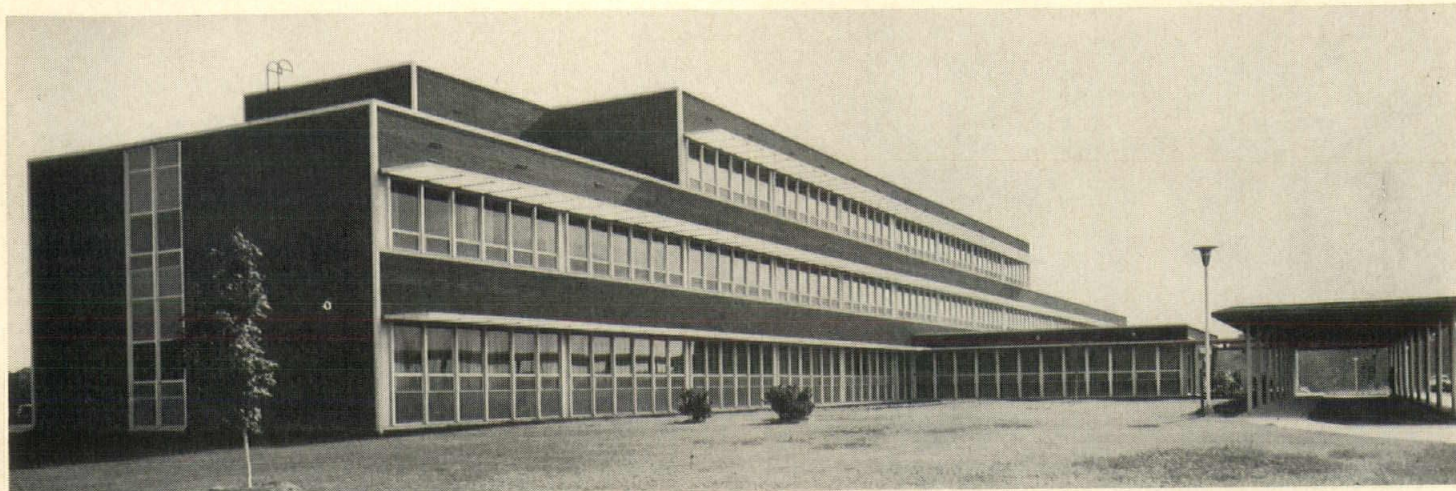
(W. Hubert Gentry)



SOUTHAMPTON MEMORIAL HOSPITAL SOUTHAMPTON MEDICAL BUILDING

IN FRANKLIN

MARCELLUS WRIGHT & SON
Architects



HARRY B. GRAHAM CO., INC.
General Contractor: Hospital

MOTTLEY CONSTRUCTION CO., INC.
General Contractor: Medical Building

ON MAY 19, 1963, Governor Albert S. Harrison, Jr. dedicated Southampton Memorial Hospital and the adjacent medical building. The medical complex serving Southampton County and located at Franklin was planned and designed by Richmond Architects, Marcellus Wright & Son.

The hospital accommodates 108 beds. This number can easily be expanded to 130 beds in the event of an emergency by converting a number of the large single rooms to double room occupancy. The nearby Medical Building contains suites for ten physicians associated with the hospital.

The hospital has one of the most modern obstetrics and surgical departments in the country. There is a complete diagnostic department included. Some of the other facilities are a complete laundry, a complete kitchen and cafeteria (expandable to accommodate 170 beds), morgue and autopsy, large storage areas, admission and reception area, pediatrics department and secluded lounge area for patients.

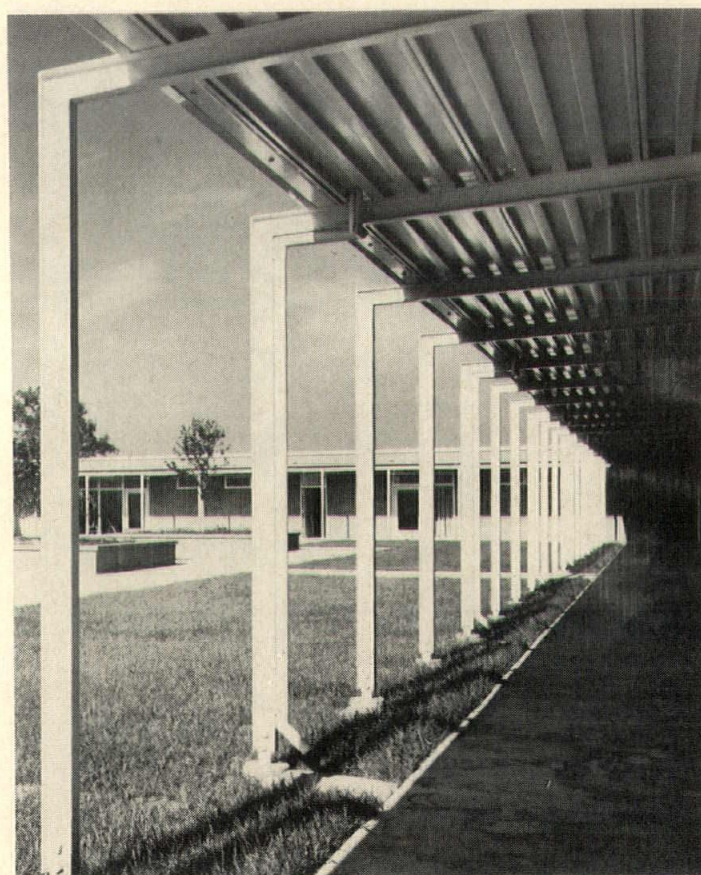
The site conditions at Southampton were unusually complicated. The soil itself is very poor in bearing capacity (as low as four blows per foot with an overall average of eight blows). The water table further intensified the situation since it is within 3'-0" of existing grade in some area. To compensate for these disadvantages, treated wood piles were used to provide the proper bearing capacity; the basement was designed to withstand the hydraulic pressure and penetration of the water.

The structural system consists of precast, prestressed double tee panels spanning 40'-0". The panels are supported by a precast composite rigid frame which provides a sound economical structural system. The structural system was designed with future expansion in mind. Within the next few years the hospital has hopes of completing the third floor and of adding an additional fourth floor.

Materials selected for the exterior skin were brick, cast stone and a continuous strip of windows with aluminum sun shades on the South elevator. Interior partitions are four inch steel stud plastered.

The mechanical system used at

COURT OF SOUTHAMPTON MEDICAL
BUILDING — ADJACENT TO HOSPITAL



Southampton consists of low velocity air handling units for the interior of the building and fan coil units for periphery air conditioning.

The cost of the hospital building proper amounted to \$2,349,000. Special accessory equipment was \$163,000. The interior furnishings and decorations of the public areas also accomplished by Marcellus Wright & Son were \$44,000. The Medical Building cost was \$211,000. Together the entire project totalled nearly \$2,767,000 plus the cost of Group II and III Equipment and the original land value.

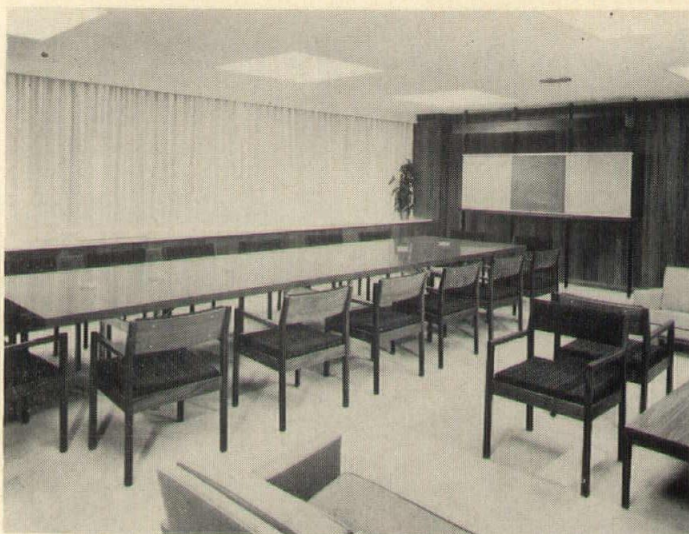
Harry B. Graham Co., Inc., Ashland, was general contractor for the hospital and did the excavating, concrete work and carpentry. Subcontractors and suppliers included:

Woodrow W. Ford, Norfolk, wood piling; Arthur D. Winfield, Lawrenceville, masonry; T. B. Dornin-Adams Co., Lynchburg, roofing; Economy Cast Stone Co., Richmond, stone work; Superior Window Co., Hialeah, Fla., windows; Binswanger Glass Co., Richmond, glazing, aluminum doors and frames; E. Caligari & Sons, Inc., Norfolk, painting; Guaranteed Waterproofing Co., Greensboro, N. C., waterproofing; R. L. Dresser, Inc., Raleigh, N. C., acoustical tile floors; A. D. Stowe, Portsmouth, plaster; Oliva & Lazzuri, Inc., Richmond, terrazzo; E. H. Saunders & Sons, Inc., Hopewell, electrical work; Harris Heating & Plumbing Co., Inc., Richmond, plumbing, air conditioning, heating, ventilating; Southern Elevator Co., Inc., Greensboro, elevators; W. W. Moore & Sons, Richmond, dumbwaiter.

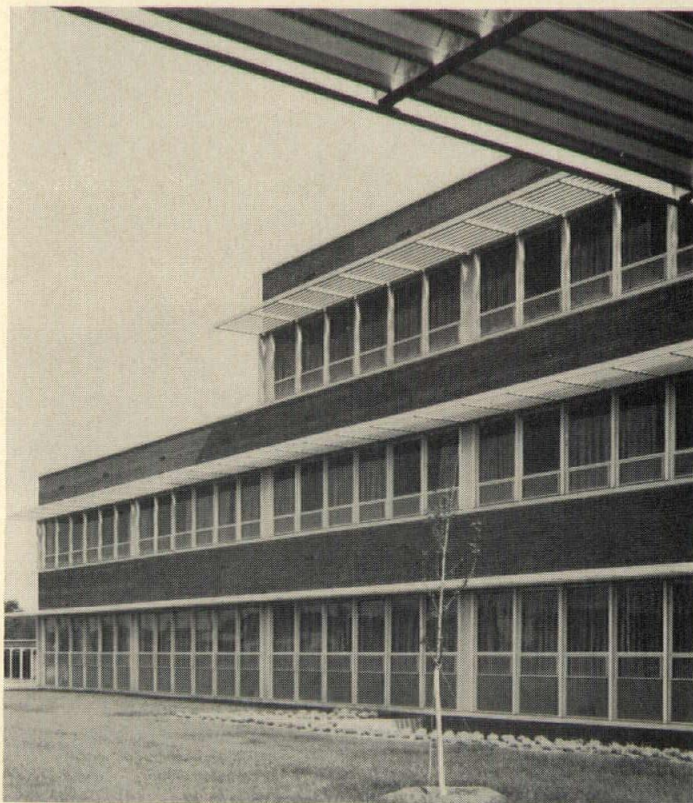
Mottley Construction Co., Inc., Farmville, was general contractor for the medical building and did the work on excavating, foundations, concrete, masonry, carpentry, paneling, and millwork. Suppliers and subcontractors included the following:

John W. Hancock, Jr., Inc., Roanoke, steel joists; Montague-Betts Co., Inc., structural steel; Wheeling Corrugating Co., Inc., Wheeling, W. Va., steel roof deck; T. B. Dornin-Adams Co., Inc., Lynchburg, roofing; Economy Cast Stone Co., Richmond, stone work; Binswanger Glass Co., Richmond, glazing; W. Morton Northern & Co., Inc., Richmond, acoustical, resilient tile; E. H. Saunders & Sons, Inc., Hopewell, electrical work; Harris Heating & Plumbing Co., Inc., Richmond, plumbing, air conditioning, heating.

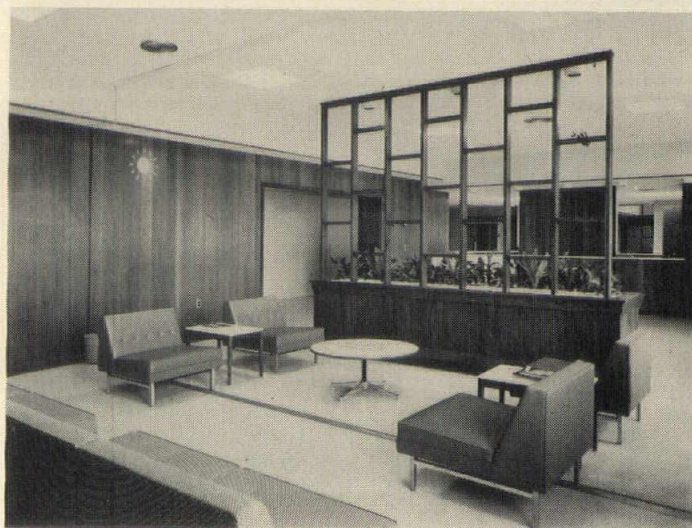
Thomas L. Williams
Photographer



BOARD ROOM

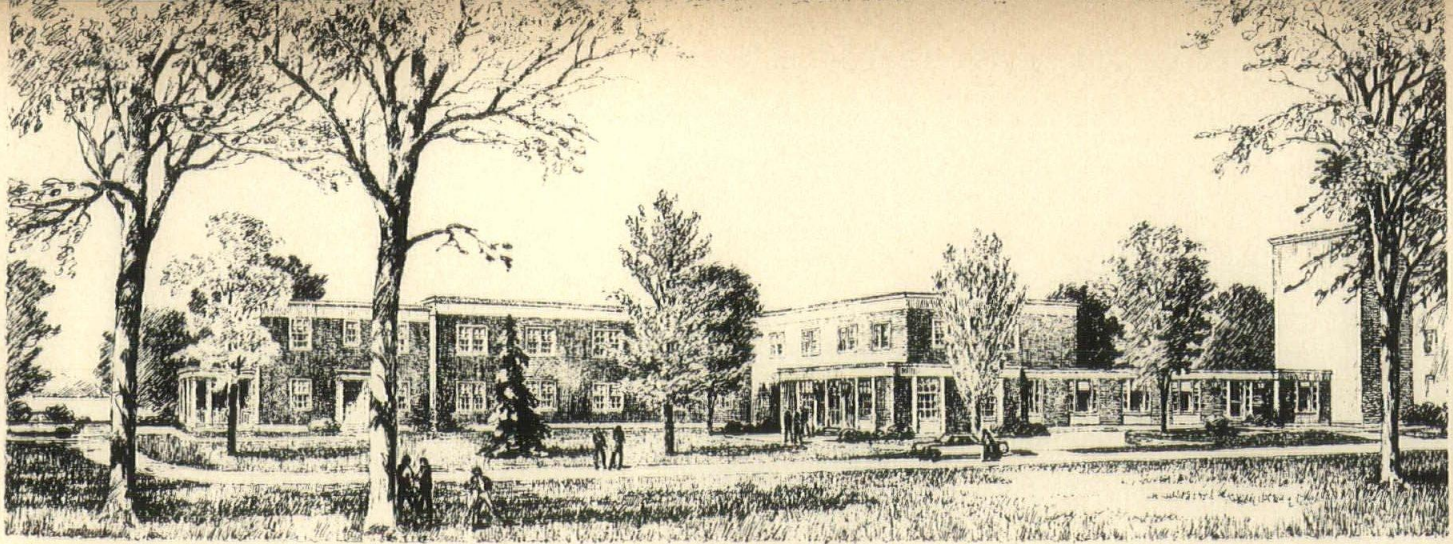


WING TOWARD MEDICAL BUILDING



RECEPTION LOBBY

CONSULTANT FOR HOSPITAL: Blanton & Levy, Structural; William A. Brown, Mechanical and Electrical; R. Kenneth Weeks, Civil; Charles F. Gillette, Landscape Architect.
CONSULTANTS FOR MEDICAL BUILDING: William A. Brown, Mechanical and Electrical.



NEW DORMITORY FOR VIRGINIA EPISCOPAL SCHOOL

CLARK, NEXSEN & OWEN
Architects

FRAIOLI-BLUM-YESSELMAN
Structural Consultants

WILEY & WILSON
Mechanical & Electrical

HENRY D. PORTER & CO.
General Contractors

• Bids were received on a new dormitory for Virginia Episcopal School on May 28, 1963. Henry D. Porter & Company submitted the low bid of \$306,370.00 and has been awarded the contract. The dormitory is scheduled for completion August 15, 1964. The structure is of modified Georgian design, having an exterior of brick with limestone trim. The dormitory contains 26,500 sq. ft. and will provide 25 two-student rooms with auxiliary facilities of Commons Room, Recreation Room, toilets and storage areas. The basement

area is unassigned and will be developed for other campus uses. Also included in the structure are three Master's Quarters. Two of these are for married masters and contain three and four bedrooms respectively with kitchen, dining, living room and study. The third Master's Quarters is a three room bachelor apartment. The new dormitory is connected to the existing dormitory group with an enclosed corridor.

Henry D. Porter & Company, the general contractor, is doing the founda-

tions and concrete work. Other subcontractors and suppliers include May Brothers, Inc., Lynchburg, excavating; Roanoke Iron & Bridge Works, Inc., Roanoke, steel; T. B. Dornin-Adams Co., Inc., Lynchburg, roofing; G. C. Scott & Sons, Lynchburg, painting; W. Morton Northen & Co., Inc., Richmond, resilient tile; Taylor Bros., Inc., Lynchburg, millwork; McDaniel-Kelly Electric Co., Inc., Lynchburg, electrical work, and Marvin Moseley, plumbing, heating and ventilating.

• The Ferrum Elementary School is located in the western part of Franklin County and is a part of an extensive new school building program which has extended over a period of three years. This fourteen room elementary school is located on an attractive hilltop site adjoining the campus of the Ferrum

(Continued on page 61)

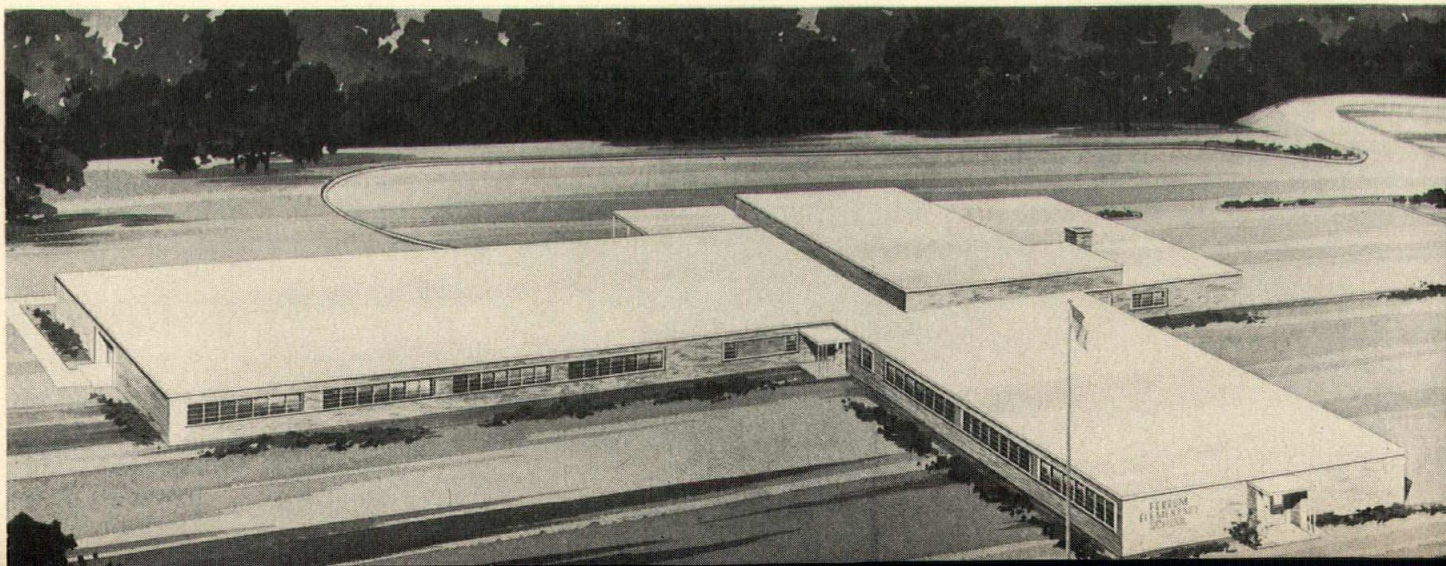
FERRUM ELEMENTARY SCHOOL

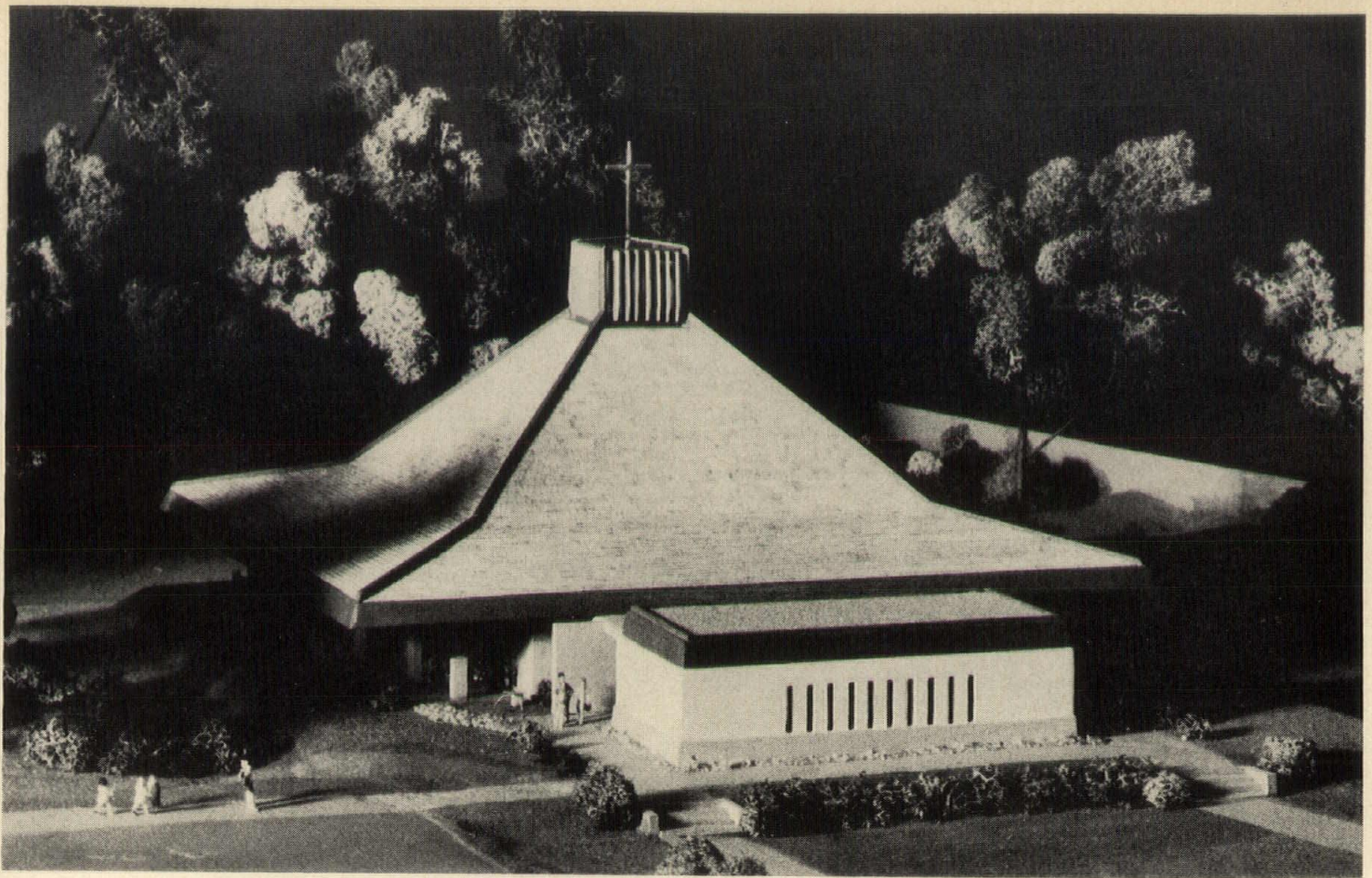
— FRANKLIN COUNTY —

J. COATES CARTER, AIA
Architect

SOWERS, RODES & WHITESCARVER
Consulting Engineers

FRITH CONSTRUCTION CO., INC.
General Contractor





A PYRAMIDAL EPISCOPAL CHURCH

— NEWPORT NEWS —

FORREST W. COILE & ASSOCIATES: Architects

Consulting Engineers: R. C. M. CALVERT, JR. & ASSOCIATES, MATHEW J. THOMPSON, III, FRAIOLI-BLUM-YESSELMAN

THE ARCHITECTURE of the proposed St. Stephen's, while a departure from the traditional, is in no sense "modern." It is intended to be an interpretation of the basic concept of worship, the centrality of the Altar being the focal point for all services. The form of the proposed church building takes its cue from certain principles of worship. First, the building is designed for public congregational worship, yet it readily lends itself to the intimacy of private prayers and meditation. Second, the building lends itself to the participation and direct involvement of the people. With all communicants seated no farther than six rows from the Altar and with pews arranged around the Altar, there can be no sense of apartness in St. Stephen's, but rather a sense of the unity and fellowship which constitutes a third principle of worship.

The proposed building of St. Stephen's is not to be considered as a church—in the round—but as a church around an Altar—God's people gathered around His table for refreshment, strength and inspiration. This arrangement will do much to fill one with a sense of really being a member of God's family, a sense of unity and fellowship with one's brother.

The plan of the Sanctuary finally evolved into what is considered a Greek cross. With the Altar located in the exact geometric center of the cross plan it was only logical that

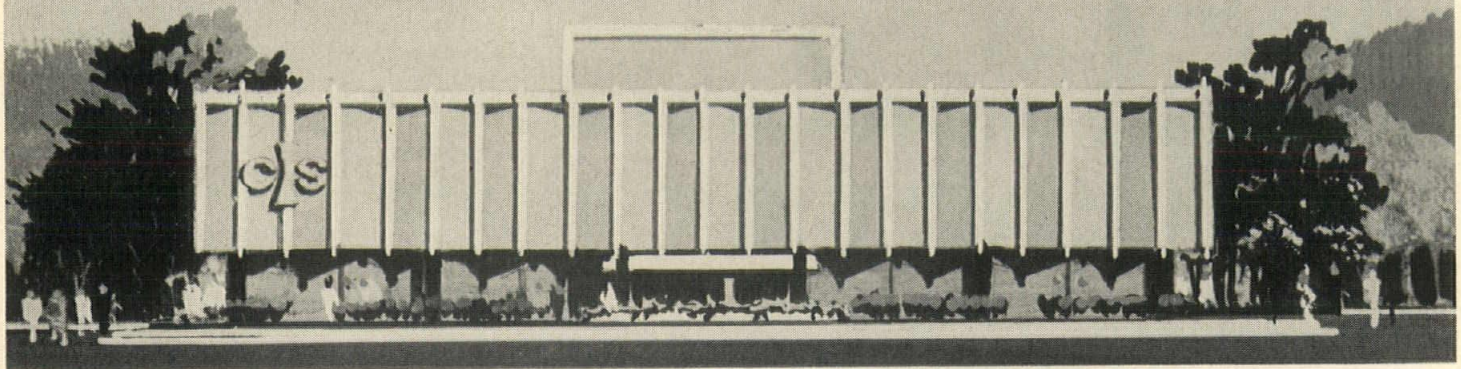
the roof should reflect this. The architects, therefore, have designed a roof that is supported by four primary laminated timber beams rising from the inside corners of the cross plan. The beams create a shape not unlike a pyramid except that the lower portion is splayed out to form a 25-foot cantilever and the topmost portion has been cut off to form an opening for a 12-foot square oculus or "skylight." The plan of the main roof is square. The oculus is located directly above the Altar and will be constructed of a special prismatic surfaced glass designed to direct all light rays straight down onto the Altar.

With worshipers seated around three sides of the Altar the fourth is reserved for a 32 member choir. This plan allows the choir to be seated together and not "split" as is the case with so many of the more conventional plans.

Other ancillary spaces included under the main roof are a private chapel to seat thirty people, a sacristy, work room, priest's robing room, and storage areas. In the 25-foot square recesses provided by the Greek cross plan are areas sheltered by large roof overhangs although they are actually on the exterior. These spaces will be used for a sculpture garden, waiting areas, and an outdoor chapel in which worshipers will have a mile long view down Lake Corbin.

The flat roof structure in front of the Main Sanctuary accommodates choir robing, a rehearsal and lounge room, and public toilets.

Construction Sciences Center



PLANS FOR THE FIRST Construction Sciences Center in the State of Virginia have been announced by Forrest W. Coile, AIA, architect from Newport News. Speaking as President of the Board of Directors of the new Center, Mr. Coile emphasized the fact that while other areas in the country have building centers, this will be the second such educational complex for the construction industry on the East Coast. The other is located in Atlanta, Georgia.

The first stage of development of the Center, according to Coile, will be a Construction Sciences Institute which will occupy a building of contemporary design with two floor levels and a total floor area of 50,000 square feet.

Located on the first floor will be a large exhibit area which will provide for product display for manufacturers supplying goods and services to the construction industry which will include all aspects of the industry—commercial, decorative, structural, institutional, contractual, residential, marine and aerospace. A separate area on the first level will exhibit art and architectural

designs as well as interior designs for homes, offices, etc. Additional space has also been provided on the first floor for engineering and mechanical exhibits, all related to the construction and design fields.

The second floor of the Institute will provide office space in addition to a large banquet and meeting room, a technical library, and smaller meeting rooms and lounges. Interest has already been evidenced in these offices by the Real Estate Board, Builders Exchange and the many engineering and mechanical societies of the Virginia Peninsula.

The large banquet and meeting room which can accommodate up to 600 people, will be constructed so that it can also be broken down into four smaller private meeting rooms.

It is anticipated that office buildings to house manufacturer's representatives, architects and engineers, contractors and other related to the construction industry, will be constructed at the Center as well as buildings which will provide for the display of retail products of interest to private individuals.

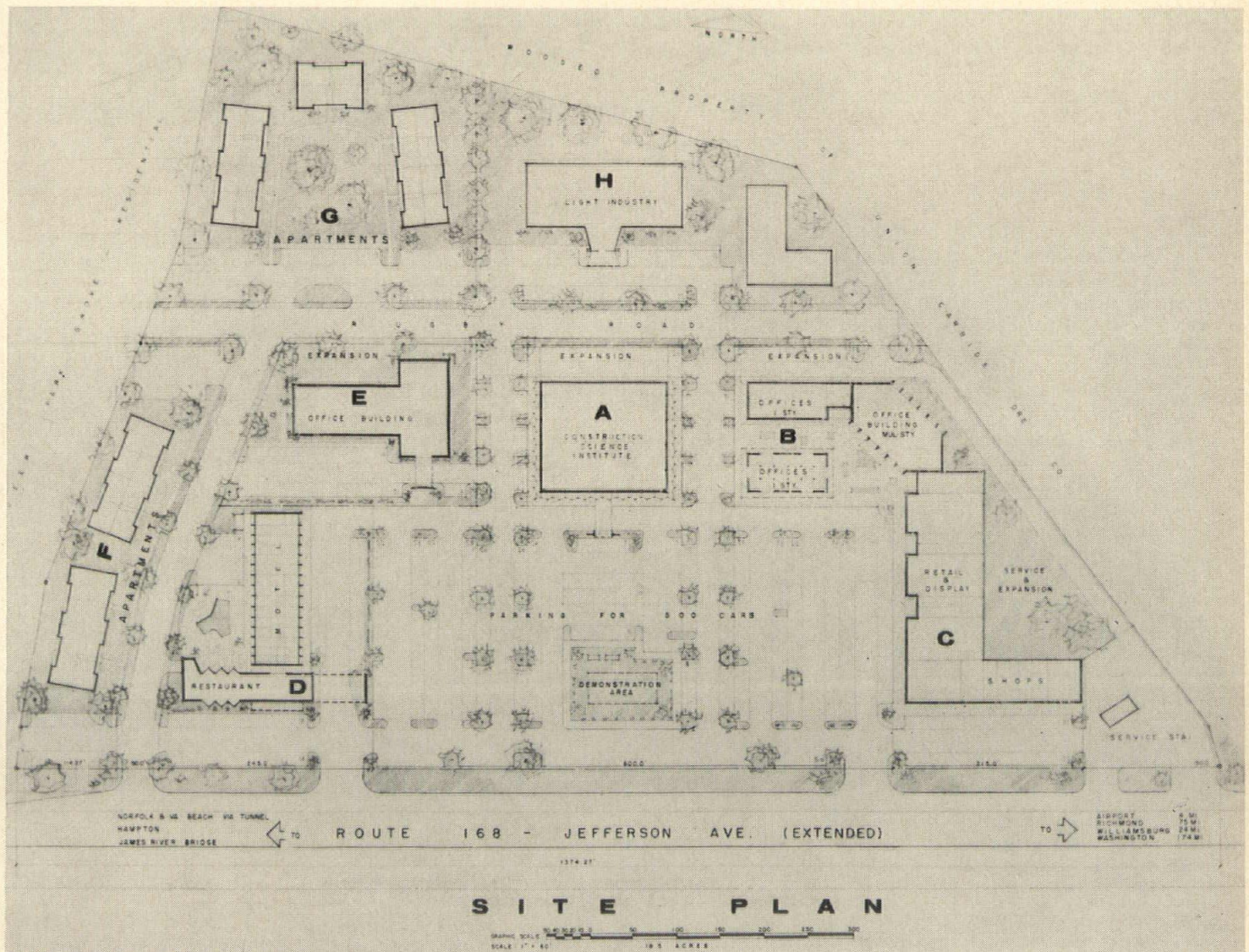
Parking for 500 cars surrounding an

outdoors exhibit area as well as plans for the construction of a motor hotel for the convenience of people visiting the Center are also being developed.

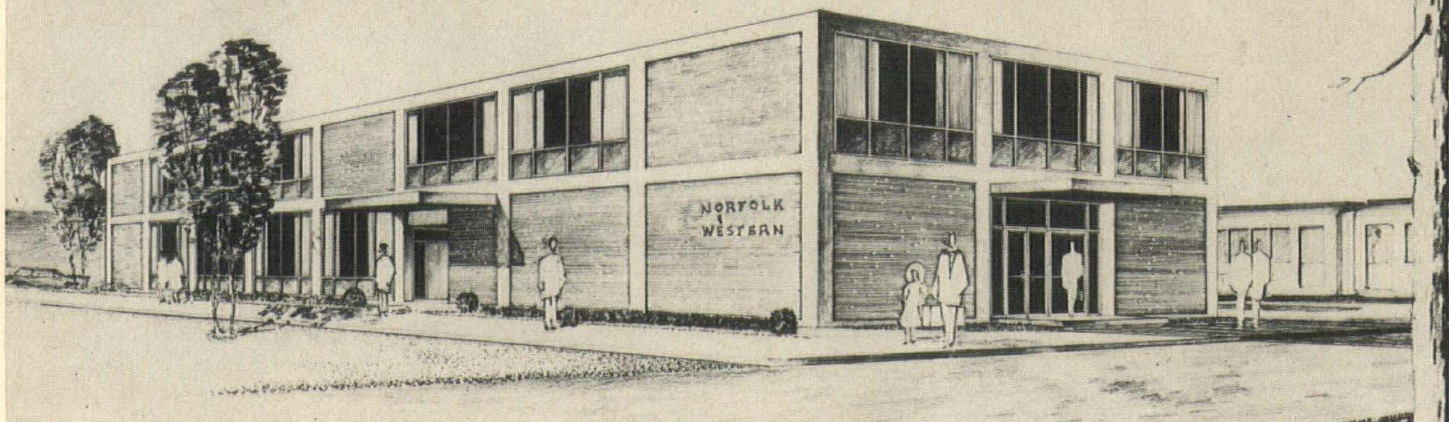
The Construction Sciences Institute will be a non-profit educational hub for the entire Center. The purpose of the educational complex is to foster and support the correlation of efforts and ideas among those engaged in the fields of architecture, engineering and aerospace sciences. All solicitors for funds for the Institute have been selected from leaders in industry, company officials and representatives of professional societies.

Woodrow W. Sirois, formerly manager of industrial development for Horne Brothers, an engineering firm located in Newport News, has been appointed Executive Vice-President of the Center. Sirois is a graduate of Virginia Polytechnic Institute.

The Institute, and later the Center, will be located on an 18 acre site in Newport News. Plans call for construction of the half million dollar Institute to begin January 1, 1964 and the proposed opening date is September, 1964. Additional phases of the \$3.5-\$4. million dollar center will be started during 1964.



NEW NORFOLK & WESTERN STATION



HAYES, SEAY, MATTERN & MATTERN: Architects - Engineers

B. F. PARROTT & CO., INC.: General Contractors

THIS COMBINATION passenger station-office building is located at the end of Armistead Bridge Road, near the company's piers at Lamberts Point. With access from Hampton Boulevard by way of Redgate Avenue, it is easily accessible to the public. This project makes the old station-office land on South Main Street available for future use in the city's industrial and redevelopment programs. It was occupied in December of 1962.

The building is approximately 182 feet by 55 feet, two stories high without basement. The first floor contains a passenger waiting room with mail room, baggage room, ticket office, telephone and locker recess and toilets, one large clerical office with four smaller offices, file rooms, a boiler room and a heat pump room. The second floor is divided into small offices with a general clerical office, a drafting room and two large mechanical equipment rooms.

The foundations are concrete grade beams supported on wood piling. There are 222 piles having an average length of 45 feet. The building is of steel frame construction with the columns and beams in exterior walls encased in concrete with "Plaxicrete" coating on exterior exposed surfaces. First floor is

concrete slab on grade. Second floor is concrete fill on cellular steel deck. Roof is lightweight concrete fill on steel deck on open-web steel joists. Walls are brick-faced concrete block panels and aluminum window wall panels in the exposed concrete frame. Floors in occupied spaces are surfaced with vinyl asphalt tile. Movable steel partitions are used to form certain of the offices in both stories. Masonry walls and partitions have paint finish. Ceilings are suspended type 2-hour rated acoustical tile and plaster in the various locations. Doors are variously wood or hollow metal in pressed steel frames. Venetian blinds are provided at the window walls.

Air conditioning is provided by a complete air-to-water heat pump system supplying heated or chilled water to air-conditioning units and fan coil units, which in turn distribute conditioned air through duct work. Electric base-board convectors supply heat to areas requiring heat but not cooling. A coal-fired boiler in the building supplies steam for track-side heating of passenger cars. The cellular steel deck is used for power, telephone and intercommunication lines.

B. F. Parrott & Co., Inc., the general contractor, also did the excavating,

foundations, concrete and masonry work, and carpentry. Other subcontractors and suppliers include the following:

Woodrow W. Ford, Norfolk, wood piling; Roanoke Iron & Bridge Works, Inc., structural steel; Inland Steel Products Co., Baltimore, steel roof deck; W. F. Magann Corp., Portsmouth, lightweight roof deck; Ajax Co., Inc., Norfolk, ceramic tile, interior stone work; Roanoke Engineering Sales Co., Cupples Products Corp. windows and window walls; Building Supplies Co., Norfolk, glazing.

Also, J. H. Steen & Sons, Portsmouth, painting; E. Caligari & Sons, Inc., Norfolk, decorative waterproofing; Ferrell Linoleum & Tile Co., Norfolk, acoustical, resilient tile; A. D. Stowe, Portsmouth, plaster; Montague-Betts Co., Inc., Lynchburg, handrails, steel grating; Burton Lumber Corp., Norfolk, millwork; Firedoor Corp. of America, New York, N. Y., steel doors and bucks; W. T. Byrns, Norfolk, lighting fixtures, electrical work; E. K. Wilson & Sons, Inc., plumbing fixtures, plumbing, air conditioning, heating and ventilating. Metal partitions, Metal Wall Corp., New York, erected by Elliot & Co., Norfolk.

THE HOWARD P. FOLEY COMPANY

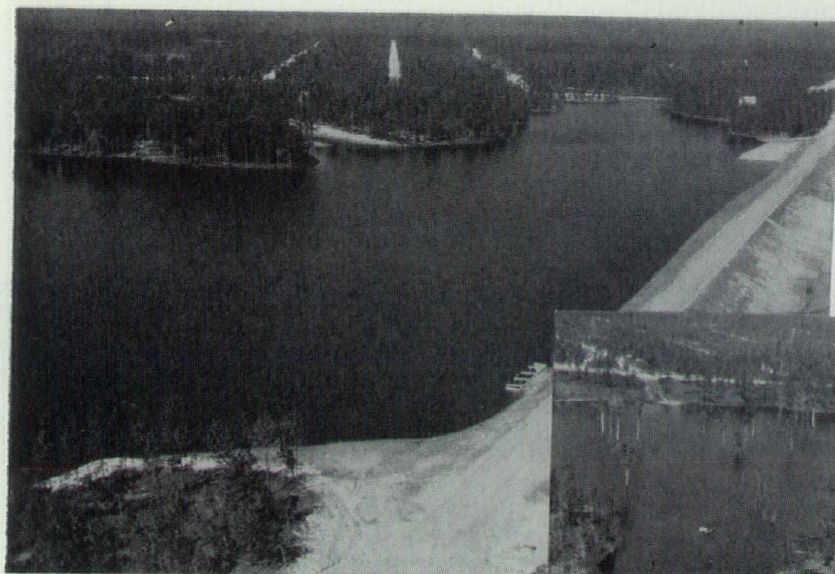
Electrical Construction

STATE REG. #1411

3602 Saunders Ave.

RICHMOND, VIRGINIA

Phone 359-4026



Pictured above is one end of three-mile long Boiling Spring Lake showing the huge dam that was built by the developers during construction of the lake. In all, more than 50 lakes dot the 14,000 acre development. To the right is an aerial view of the championship golf course and country club overlooking the lake on South Shore Drive.



Boiling Spring Lake

ON THE CAROLINA COAST

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★ CHECK THESE FEATURES! ★

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- 8,000 acres for the finest hunting of all kinds of game
- Championship Golf Course • Ultra-modern Country Club
- Resort Motel • Shopping Center • 47 miles of roads • Paved boat ramp
- Community water system and fire hydrants in current building area
- All utilities, including electricity and telephones
- Only 7 minutes from Southport, and the finest salt water fishing on the coast

OUR GOLDEN GUARANTEE

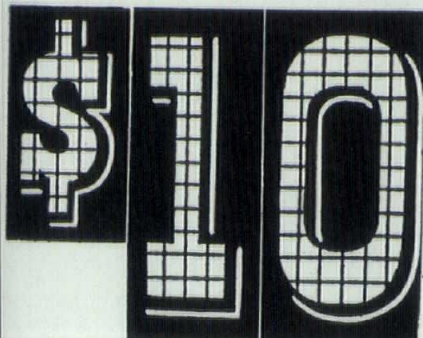
1. All land guaranteed to be high, dry and suitable for home building.
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3. Life of contract exchange privilege.



Picture all of this in a setting where the best swimming, fishing (fresh or salt water), boating, and hunting on the Atlantic Coast are yours to enjoy. Mild . . . near the ocean, yet out of storm danger . . . quiet, uncrowded, and yet within commuting distance of metropolitan Wilmington.

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MONTH**

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Boiling Spring Lakes, N. C.

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CITY STATE

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MUSEUM ENTRANCE—A bronze statue of the famed Viking explorer Leif Ericsson marks the entrance to The Mariners Museum, which nestles in 880-acre wooded park facing the James River.

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40 Ultra-Modern Motel Rooms—\$7 Single; \$10 Double

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Exquisite October roses will greet you when you attend the Twenty-seventh Annual Rose Show of the Garden Club of Virginia at the world-famed Mariners Museum in Newport News, Virginia October 9th and 10th.

The Huntington Garden Club will sponsor this event and extends a cordial welcome to all members of the Garden Club of Virginia and to all lovers of roses.

In keeping with the setting, the theme of the Show will be "The Voyages of the Roses," with the horticultural specimens listed as "Sea-borne Treasures" and the artistic arrangements classes called "World Travels."

Won't you join us on this beautiful voyage? All aboard!

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MOREHEAD CITY, N. C.

Total Catch, 1962 by 8,022 People

Fish	Count	Aver. Per. Fish	Total Lbs.
Wahoo	9	16	144
Blues	49	2	98
King Mackerel	10,969	16	175,504
Amberjack	2,704	24	64,896
Dolphin	2,805	15	42,075
Albacore	3,613	12	43,356
Barracuda	92	20	1,840
Bass	38,941	1	38,941
Cobia	43	35	1,505
Grouper	41	38	1,558
Sailfish	4	33	132
Pilot Fish	7	2	14
Bonita	394	12	4,728
Tuna	19	18	342
Porgies	612	4	2,448
Red Snapper	1,180	2	2,360
Triggers	1,139	7	7,973
Sharks	70	100	7,000
Blue Marlin	2	312	624
Gray Trout	1	8	8
Spade Fish	513	5	2,565
Spanish Mackerel	47	2	94
Flounder	5	2	10
Total pounds 398,215, Tonnage 199, Catch per boat 347 Lbs. each trip, Parties carried 1,146, 9 boats.			

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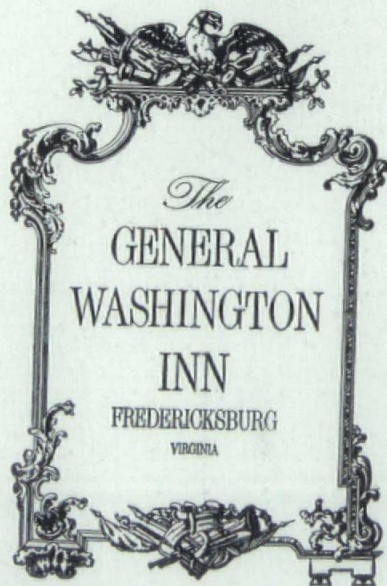
PHONE MOREHEAD CITY Park 6-4600

Powell New Manager, General Washington Inn

James M. Powell, a veteran of nearly 30 years in hotel and club business, is the new manager of the General Washington Inn at Fredericksburg.

He began his hotel and club career as sales and promotion manager of the Chamberlin Hotel and was promoted to sales and promotion manager for three hotels in Florida and Atlantic City for the same management.

He was manager of the James River Country Club at Warwick before he joined Richmond Hotels, Inc., as personnel director in 1942. Upon his discharge from service, he returned to Richmond as manager of the King Carter Hotel. Resigning this position in 1951, he became manager of the Jefferson Hotel in Richmond, being promoted to vice-president of the Jefferson-Cavalier Corporation, which position he held for 10 years. While at the Jefferson he was instrumental in the formation of two clubs.



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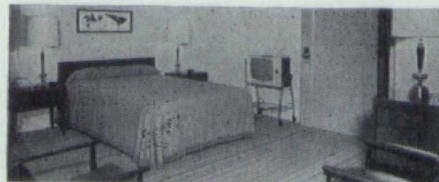
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MODERN FURNISHINGS



THE RALEIGH GRILL

VIRGINIA BUSINESS REVIEW

THIS IS THE YEAR for the fourth Virginia biennial State-wide industrial exposition.

"Index '63", the only State-wide exposition of industry, manufacturing and business services in the Old Dominion, will open October 2 at Roanoke, Virginia, and continue through October 5. Outstanding industrial and business exhibits will show the State's industrial and economic growth, picture her potential and offer new ideas in products and services.

It is free to the public and has drawn more than a third of a million visitors since 1957. This year Index '63 will be held jointly with Roanoke's colorful Harvest Festival and "Color and Fashion for Living" show, providing four days of outstanding attractions climaxed by the Harvest Bowl football game of State-wide interest.

The exposition is sponsored by the Old Dominion Industrial Exposition, a non-profit corporation of twenty-nine industrialists and business leaders throughout Virginia or with Virginia affiliation.

* * *

Virginia grain receivers were quick to take advantage of the Southern Railway System's multiple-car basis of freight rates recently approved by the Interstate Commerce Commission.

The result is that poultry and live-

stock producers, who have faced declining profits in recent years, are getting a long awaited relief from the current cost-price squeeze, according to Commissioner R. D. Chumney, Virginia Department of Agriculture.

But most important are the long range effects expected to be realized from the new rates.

Chumney says, "Virginia has at last achieved a major breakthrough in transportation. Virginia cattle, hog and poultry producers now have cheaper access to the grain storage bins in the golden grain producing areas of the Midwest and North Central areas.

"Virginia grain producers, on the other hand, will find themselves in more direct competition with their skilled competitors in these grain producing areas."

A Southern Railway tariff publication which went into effect on June 30, 1963, permitted a reduction in rates on five-car shipments of "Big John" grain cars moving from Mississippi and Ohio River crossings to 17 destinations in the Old Dominion.

* * *

A 12-page booklet entitled "Golf in Virginia," has just been published for free distribution by the Virginia Department of Conservation and Economic Development, Richmond.

The publication lists about 150 regulation golf courses in Virginia—those having 9 or 18 holes. It includes their location, number of holes, par and their classification—whether private, public, semi-public, resort or military.

Included is an article by Laurence Leonard, Sports Editor of the Richmond News Leader, presenting some historical information on golf in the Old Dominion, the State's position nationally on the number of golf courses and notes on some outstanding courses.

"Golf in Virginia has kept up with the national fever," writes Leonard. "National Golf Foundation statistics show there is one golf course in Virginia for every 26,446 persons. The national average is one golf course for every 25,376 persons.

"In 1962 alone, 10 new courses were opened, placing Virginia among the first 10 states in the nation with new facilities. Thirty-five courses were opened in the last three years."

* * *

Daniel J. Korman, president of Cabell Eanes, Inc., Richmond advertising agency, was named president of the First Advertising Agency Group at their annual meeting, held this year at Williamsburg.

The First Advertising Agency Group (FAAG) is a national network of 29 affiliated agencies, located in leading



MR. KORMAN

markets from coast to coast.

In accepting the presidency, he stressed the significance of the network in serving the advertising needs of national industry.

"The affiliation of medium sized agencies in national networks is an answer to the successful competition for larger national and regional accounts," Korman said. "There are many advertisers who need localized service in the diverse areas they serve," he continued.

Korman also mentioned the role of the network in attracting new industry, saying, "We are all interested in attracting desirable industry to our areas. It seems to me that the presence of experienced, nationally affiliated yet locally oriented agencies would be an advantage. Any national advertising program is more effective when it is implemented by experienced people with a grass-roots understanding of the area in which it is being carried out."

Other officers elected were Walter T. Craigle, Chicago, Ill., vice-president; Gene Curtis, Long Beach, Calif., executive secretary. Elected to the board of governors were Floyd McRae, Atlanta, Ga.; H. W. Neuwoehner, St. Louis, Mo.; James Speer, Los Angeles, Calif.


In Our Mail Bag

Virginia Record
Richmond, Virginia
Gentlemen:

In your June issue of the Virginia Record, there is an outstanding article, in my opinion. It is "This Law Does Not Apply to Me", written by Mr. Clifford Dowdey. I think Mr. Dowdey should be congratulated on the position he is taking in this article, and the people of Virginia should crack down on the members of the Legislature and insist that the necessary legislation be passed to put his thinking into law. Our highways have become seams of slaughter, thus marring the beauty of our country.

Very truly yours,
W. P. Ames
Arlington, Virginia

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BRIDGE-TUNNEL OFFICE BUILDING



• The new Chesapeake Bay Bridge-Tunnel complex is one step closer to its 1964 completion date with the acceptance of a contract with the Mottley Construction Company of Farmville for construction of its central Administration Building. Designed by Williams and Tazewell, Norfolk Architects, in conjunction with Sverdrup & Parcel, engineers for the project, the administration building is to be located on Wise Point in Northampton County adjacent to the toll facilities.

The building will contain 12,800 square feet and will house the executive offices of the Tunnel Commission, public relations and tourist information facilities, general administrative offices and maintenance facilities. The Commission's suite will include offices for

the director, assistant director and secretaries as well as a board room and lounge. This suite will be separated from the general administrative functions by a lobby and reception area. The general administrative suite will include offices for superintendents of maintenance and operations, finance department, data processing, and a multi-purpose room to serve as a snack area for staff as well as a briefing room for employees.

WILLIAMS & TAZEWELL: Architects

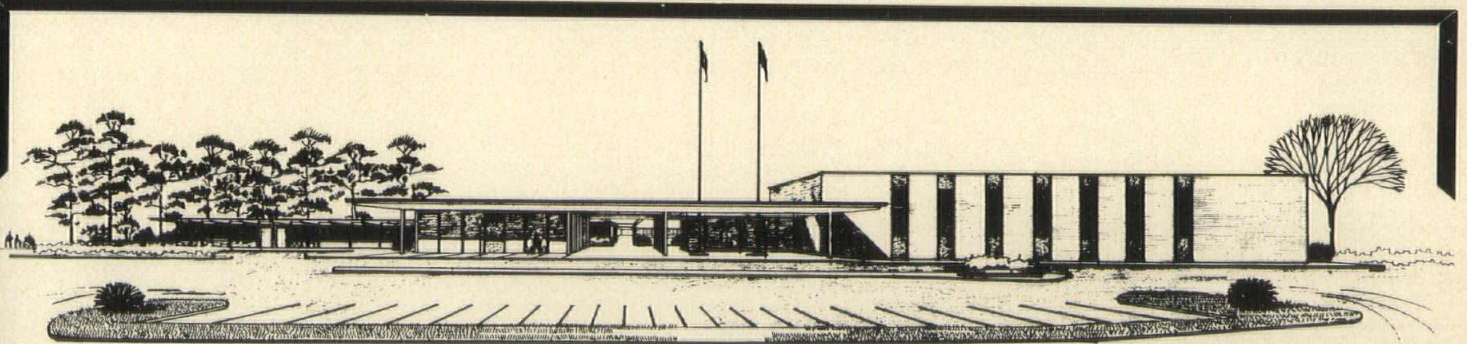
SVERDRUP & PARCEL: Consulting Engineers

MOTTLEY CONSTRUCTION CO., INC.: General Contractors

The plan of the building is in a "U" shape centering around a central court, landscaped with silver birch trees and azaleas and approached across a reflecting pond.

The exterior of the building will be of blue glazed brick surmounted by a continuous 3 foot wide band of precast concrete panels. The surface of the panels and of the exterior columns will be exposed white quartz aggregate.

(Continued on page 64)



PEARSON'S CORNER ELEMENTARY SCHOOL

JAMES H. GOULD, AIA
Architect

AUSTIN BROCKENBROUGH & ASSOCIATES
Civil Engineers

BRANDT & MORSE
Mechanical & Electrical

WORLEY BROS. CO., INC.
General Contractor

THE NEW Pearson's Corner Elementary School in Hanover County is being built for \$9.42 a square foot. Even complete with all equipment and furniture such as kitchen and classroom equipment, teachers closets, sink cabinets, storage cabinets, pupil wardrobes, library shelving and chalkboards and tackboards, the total cost is only \$10.84 per square foot.

Designed by James H. Gould, AIA of Richmond, the new building is located about 2,000 feet off of Route 301 at Ashcake Road. Fourteen classrooms are now being built but the "chassis" of the building, the "cafetorium" and

other common spaces, can accommodate 21 classrooms should more be later added.

The new school will be heated by electricity and will have all roughing-in provisions for ET.V.

The basic structure of the building is prestressed precast concrete posts and joists with an Insulrock roof deck covered with a 25 year bonded built-up roof.

The building has no corridors, being a completely "campus type" design. It measures 280 by 230 feet. It is one story high. The exterior walls are of brick and

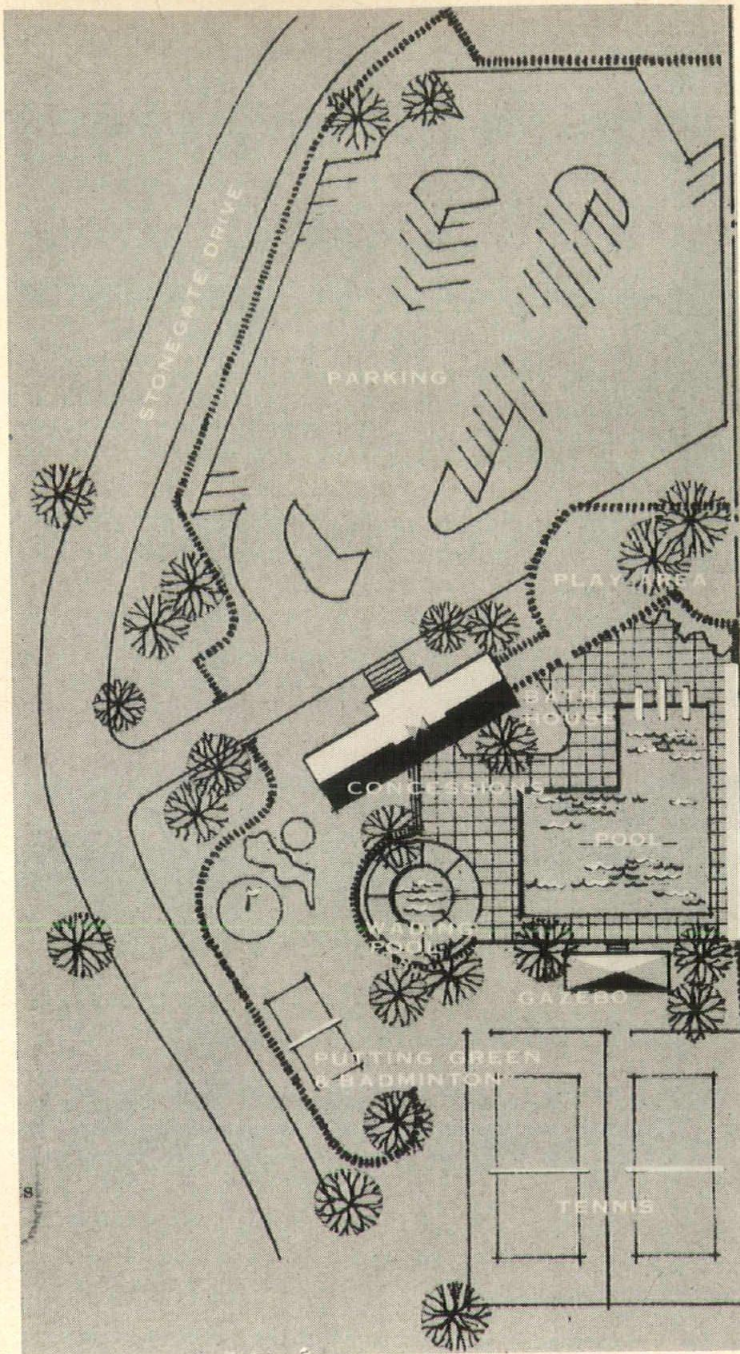
(Continued on page 66)

STONEGATE SWIM & TENNIS CLUB

— SALEM —

architect

T. A. CARTER, JR.



• A club of distinction and safety yet one which retains a character and atmosphere suitable for leisurely entertainment—these were the basic features requested by the owners in the design of the Stonegate Swim and Tennis Club. The club is to be part of a comprehensive development which will include a new subdivision (in the upper income bracket), 32 units of garden apartments, and the club as a social feature. The entire development is situated on the elevated northwest town limits of Salem and adjoins a 9-hole public golf course.

In the design of the club, the architect felt that rustification, arrangement of spaces, with various elements, landscaping, color, and changing levels were the key to the character and success of a private club. With the aid of the pool designers, an official junior-olympic pool meeting A.A.U. specifications was designed, so that ample swimming space would be available for the membership. Swimming teams are being formed and the club will be able to participate in regular scheduled A.A.U. meets. On the same level and fenced for control is a circular wading pool for young children. The two pools and other club facilities are staffed by six highly qualified life guards. All members of the staff were required to be trained in Red Cross water safety and first aid.

On a slightly higher elevation than the pool deck are the concession areas and the play area, screened from the street by a windbreak of hemlocks and dogwoods. Somewhat removed and on a lower elevation than the pool deck are the tennis courts which are open the year around. A gazebo is planned for cook-outs and social events.

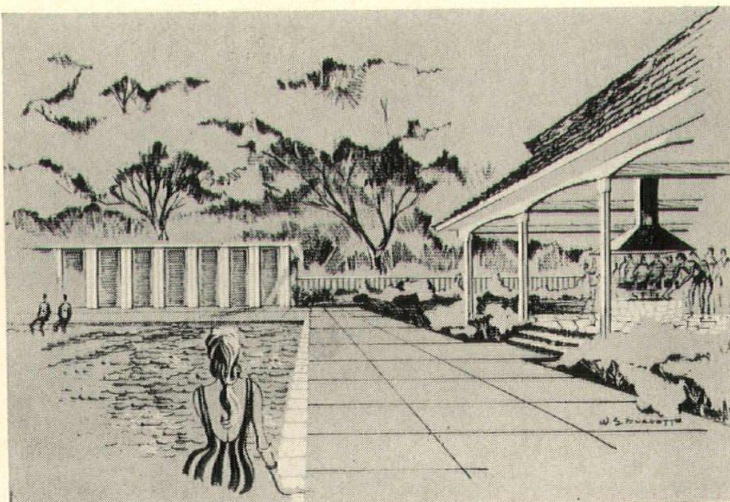
The bath house with its rustic-design materials of cedar shakes, brick, and redwood contains the dressing areas and ceramic tile showers. For those who prefer a more private area, there are cabanas for dressing and for storage.

Since the opening date, May 30, 1963, the club and its facilities have been accepted by the members with optimism and great enthusiasm.

The owner was general contractor and handled the work on foundations, carpentry and paneling. Principal subcontractors and suppliers included:

Thomas Bros., excavating; Concrete Ready Mixed Corp., concrete; Old Virginia Brick Co., Inc., masonry; Roanoke Iron & Bridge Works, steel; McClung Lumber Co., Inc., millwork, roofing; Major Forrest, Stony Mountain, stone work; Paul Honaker, painting; Whitt & Clifton, ceramic tile; Cates Building Specialties, Inc., steel doors and bucks; C. S. Huddleston, handrails; Morris-Elam Electric Co., electrical work; Noland Co., Inc., lighting fixtures; McGuire Plumbing & Heating, plumbing—Hajoca fixtures; L. H. Sawyer Paving Co., paving; Pool Equipment Corp., al equipment.

All are Roanoke or Salem firms unless otherwise noted.



● Mr. and Mrs. Earl Davis own a beautiful wooded lot which slopes to Timberlake, just outside Lynchburg. Mr. Davis wanted the most house (year round) for his money and Mrs. Davis, who is an artist of some renown, was greatly interested in the house as a complementary setting for her paintings, sculpture, ceramics and stained glass. She is making the major light fixtures, some of which were completed before the working drawings.

With these facts in mind the architect and engineer decided to use "industrial" construction methods and materials for economy and beauty. All exterior walls are "utility" brick inside and out. The few interior partitions are pre-finished Philippine mahogany plywood on stud walls. The bathroom walls are an unscored "Wallace Board" from floor to ceiling. The roof construction is 12 inch laminated wood beams supporting a 3" tongue and groove insulated deck, exposed, with a built-up roof.

All floors are asphalt tile except the studio under the balcony which is concrete and contains the mechanical equipment.

Included in the contract is a built-in counter top range and wall oven in plywood cabinets, to match the walls, with "Formica" top. There is a sliding glass door over the tub and a 20 inch sq. Plexiglass insulated dome in the bath and kitchen.

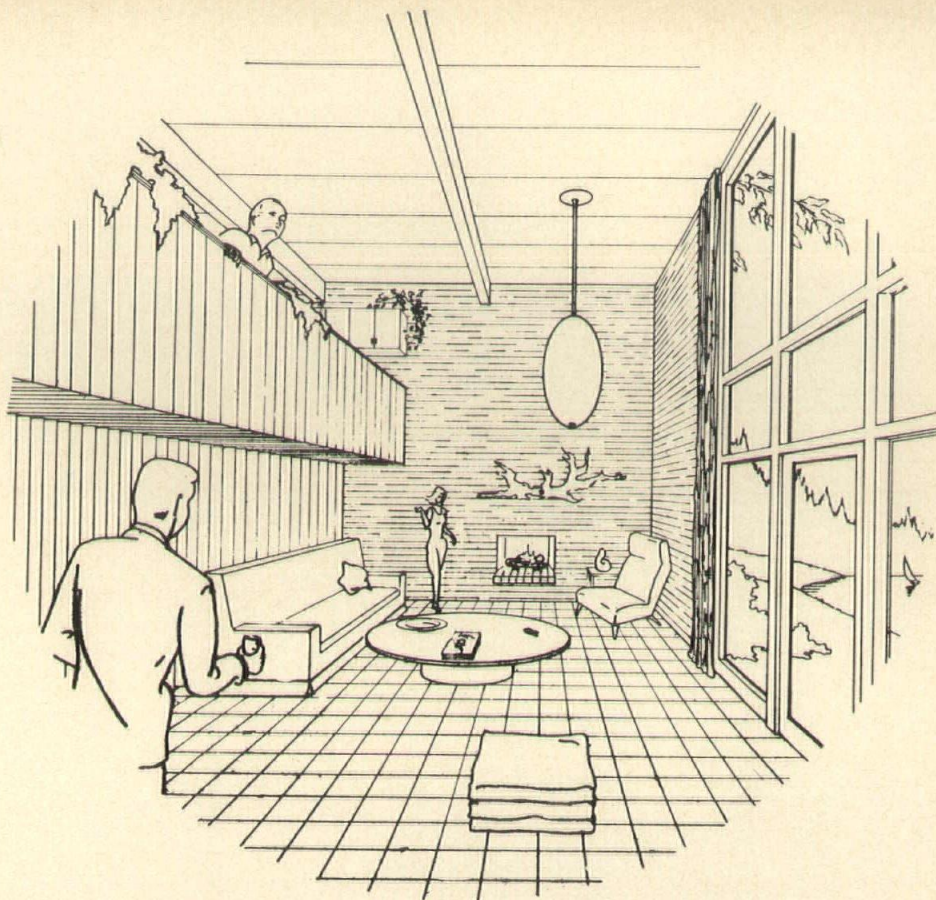
The large 10 foot by 16 foot window in the two story living room is of insulated glass and one of only three windows in the entire residence. Mrs. Davis is creating a ceramic plaque to fill the exterior space between the bedroom windows.

The bid of \$15,600.00 includes a gravel drive, 40 foot square parking area, walk, septic system and a hot water baseboard heating system. The house contains over 2,000 square feet of actual floor area excluding the upper living room. This gives a very conservative figure of \$7.80 per square foot including grading, drives, special equipment etc.

SUBCONTRACTORS AND SUPPLIERS

Anderson & Shorter, Inc., excavating; Montague-Betts Co., Inc., steel; Consumers Company of Lynchburg, Inc., roofing; Campbell-Payne, Inc., windows, structural wood, carpentry, paneling, insulation, millwork; Pittsburgh Plate Glass Co., window walls, glazing; C. J. Sadler, resilient tile; Southern Air, Inc., plumbing and heating.

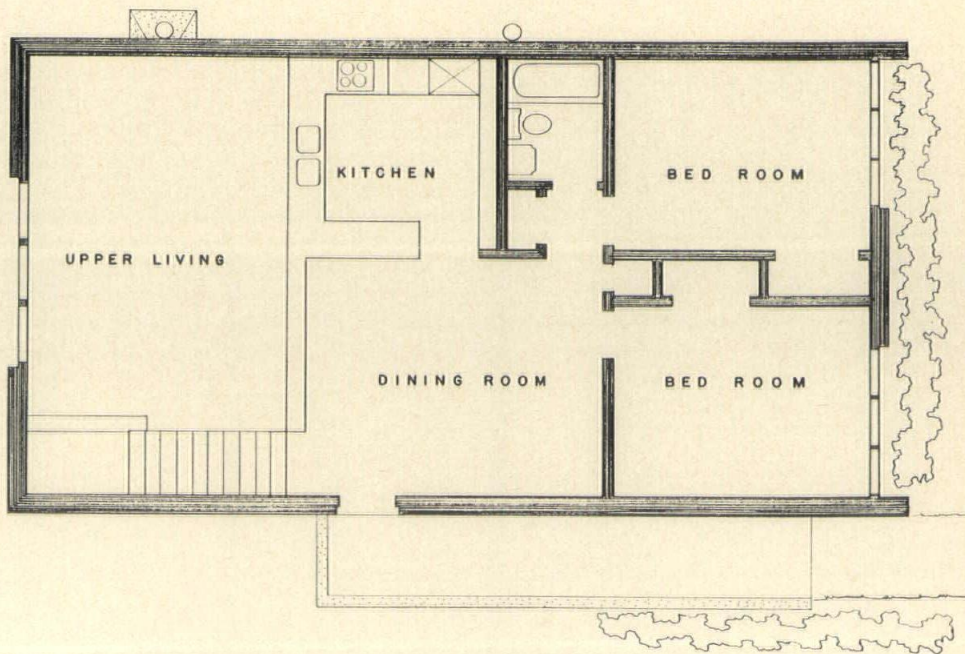
The general contractor is doing the work on foundations, concrete, masonry, painting and waterproofing.



DAVIS RESIDENCE NEAR LYNCHBURG

HINNANT, ADDISON & HINNANT
Architects

PAUL G. MASON
General Contractor



GLEN OLINGER

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SANDSTON, VA.

Masonry Contractor for
Virginia Employment Commission,
Page 22

M. L. WHITLOW, INC.

General Contractor

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ALEXANDRIA, VIRGINIA

General contractor for Ravenworth
Elementary School, Page 45

HUNTER C. NUTTER, SR. *General Contractor*

St. Reg. No. 5568

RESIDENTIAL — COMMERCIAL
INDUSTRIAL

Phone 434-4030

22 W. Washington St.

HARRISONBURG, VIRGINIA

General contractor for the remodeling of
Joseph Ney's, page 28, and Denton's
Furniture Co., page 29.

W. W. MOORE & SONS

ELEVATORS — *Sales & Service*

DOVER ELEVATORS
SEDGWICK DUMB WAITERS

706 Dawn St.—RICHMOND, VA.
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WELL DRILLING & BORING

Dumbwaiter for Southampton Memorial
Hospital, Featured on Page 30.

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MERRIFIELD, VA.

Excavating contractor for the new
Ravensworth Elementary School, page 45.

WAYNESBORO LANDSCAPE SERVICE & GARDEN CENTER

S. E. QUILLEN & SIDNEY ANDERSON

LANDSCAPE ARCHITECTS
LANDSCAPING CONSULTANTS

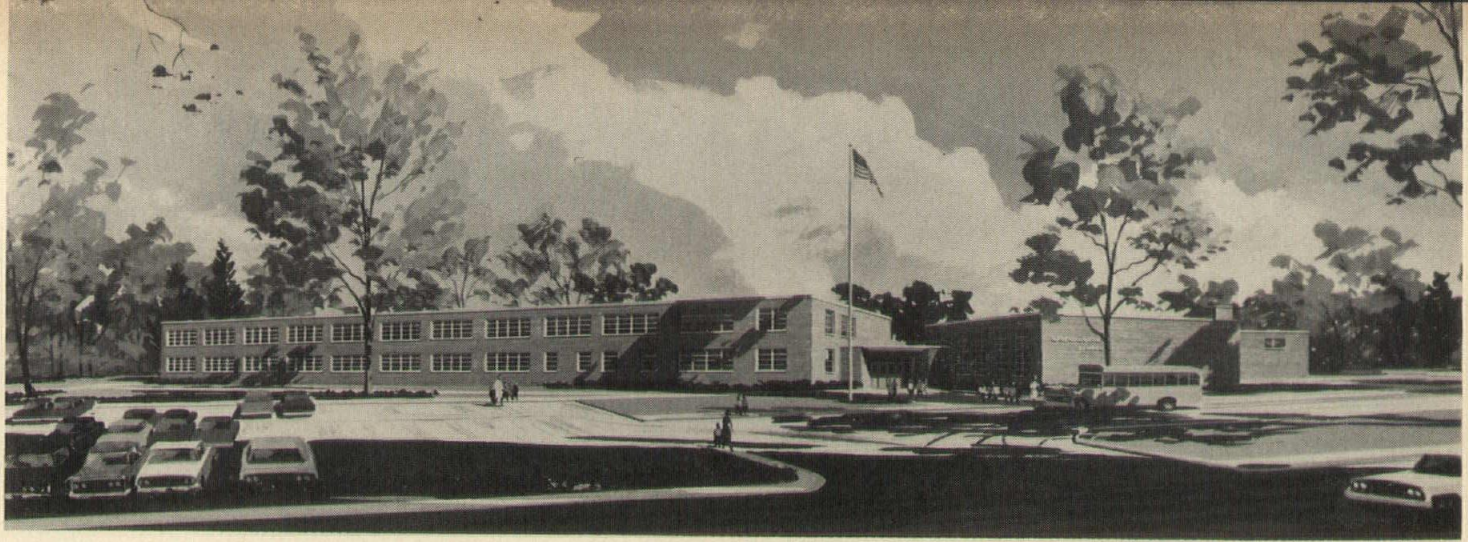
EVERGREENS — TREES — SHRUBS

Garden Designing - Lawn Building

2032 W. Main

WH 2-4646

WAYNESBORO, VIRGINIA



THE FINISHING TOUCHES, seeding, sodding and planting are now being accomplished at the new 16 classroom Ravensworth Elementary School in Fairfax County near Annandale. Designed by Victor B. Spector and Associates, Architects, of Falls Church, the school is located near the Ravensworth subdivision.

The classroom wing of the new building is two stories high, rectangular in shape and measures 63 by 240 feet. The one story cafeteria wing is 83 by 97 feet. The exterior walls are of brick and concrete block. Interior partitions are of concrete block. Steel projected windows were used. The roof is built-up. The corridor floors are finished in ter-

razzo while other floor finishes include concrete asphalt tile.

Electrical consultant to the Spector office was James Elipolo of Washington while the mechanical (plumbing, heating and ventilating) engineers, also of Washington, were Counts and Lawrence. The general contractor was M. L. Whitlow, Inc., Alexandria. Among the principal subcontractors and material suppliers were Martin & Gass, Inc., Merrifield, excavating; Arlington Iron Works, Inc., Arlington steel, steel roof deck; Innamorato & Pavone Co., Alexandria, masonry; Virginia Roofing Corp., Alexandria, roofing; Capital Products, Inc., Washington, (Bayley)

(Continued on page 64)

RAVENSWORTH ELEMENTARY SCHOOL

**VICTOR B. SPECTOR
& ASSOCIATES**
Architects

JAMES ELIPOLO
Electrical Consultant

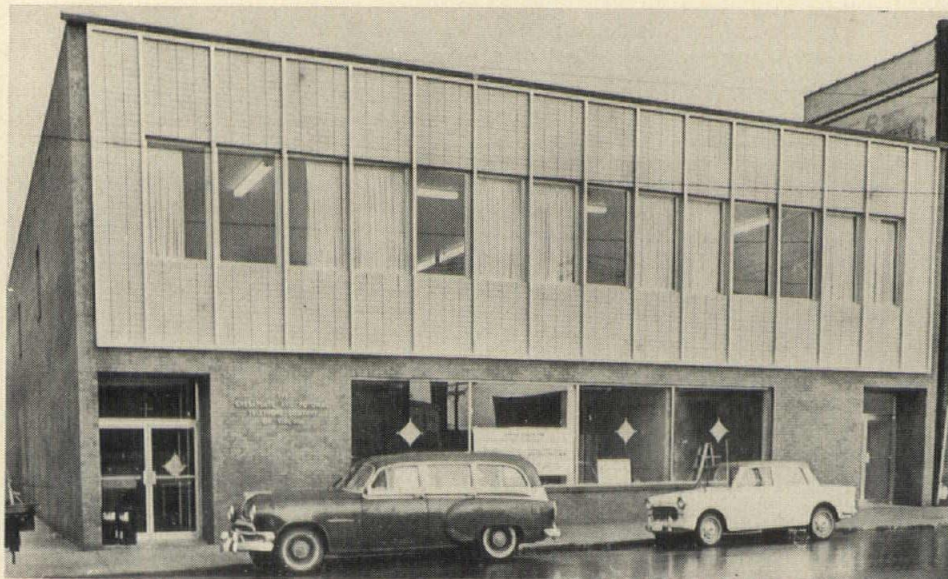
COUNTS & LAWRENCE
Mechanical Consultants

M. L. WHITLOW, INC.
General Contractor

DISTRICT OFFICE BUILDING, C&P TELEPHONE COMPANY

RICHARD M. HYLTON
Architect

REGIONAL CONSTRUCTION SERVICES, INC.: General Contractor



to tell the Virginia Story

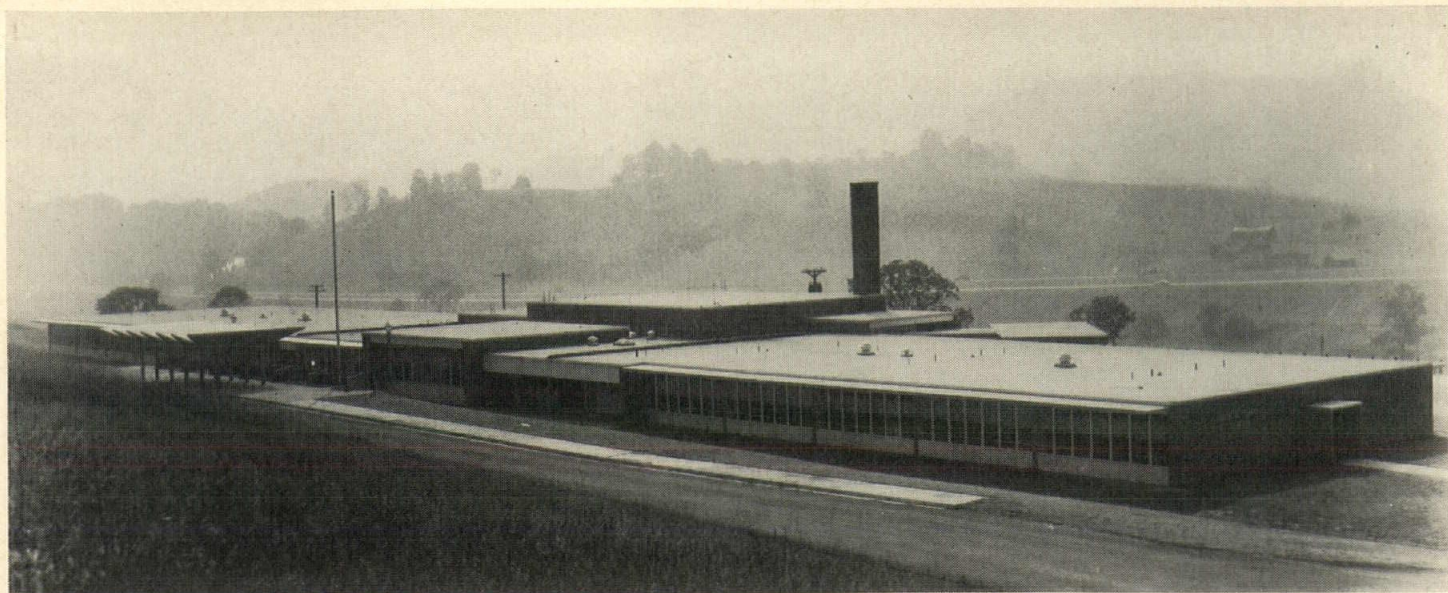
● The new district office building for the Chesapeake & Potomac Telephone Company in Roanoke was completed early this summer. Designed by Richard M. Hylton, Architect of Roanoke, the new two story building is 64 feet wide and 135 feet deep.

Rectangular in shape, it is faced with brick with aluminum windows and trim. The interior partitions are concrete block. The building has a built-up roof and asphalt tile and asbestos tile floors.

Regional Construction Services, Inc., Roanoke, was the general contractor. Subcontractors and suppliers included Thomas Brothers, excavating; Webster Brick Co., Inc., masonry; Roanoke Iron & Bridge Works, steel; Inland Steel Products Co., Milwaukee, steel roof deck; I. N. McNeil Roofing & Sheet Metal Works, waterproofing, roof deck, roofing.

Also Dixie Building Products, Inc., windows; Binswanger Glass Co., glazing; L. E. Price, Radford, painting; Hampshire Corp., insulation, acoustical, plaster; E. V. Poff & Sons, Inc., ceramic tile; Killinger's Linoleum Co., resilient tile; McClung Lumber Co., Inc., Salem, millwork and hardware:

(Continued on page 64)

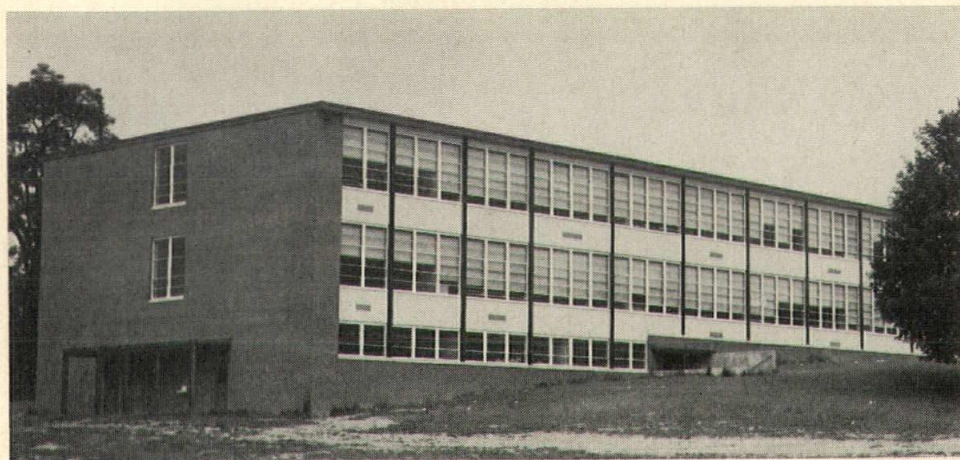


SMYTH COUNTY SCHOOL IN MARION

Echols-Sparger & Associates Design Two New Schools

TRINKLE & DOBYNS, INC.: General Contractors

ADDITION TO RURAL RETREAT SCHOOL



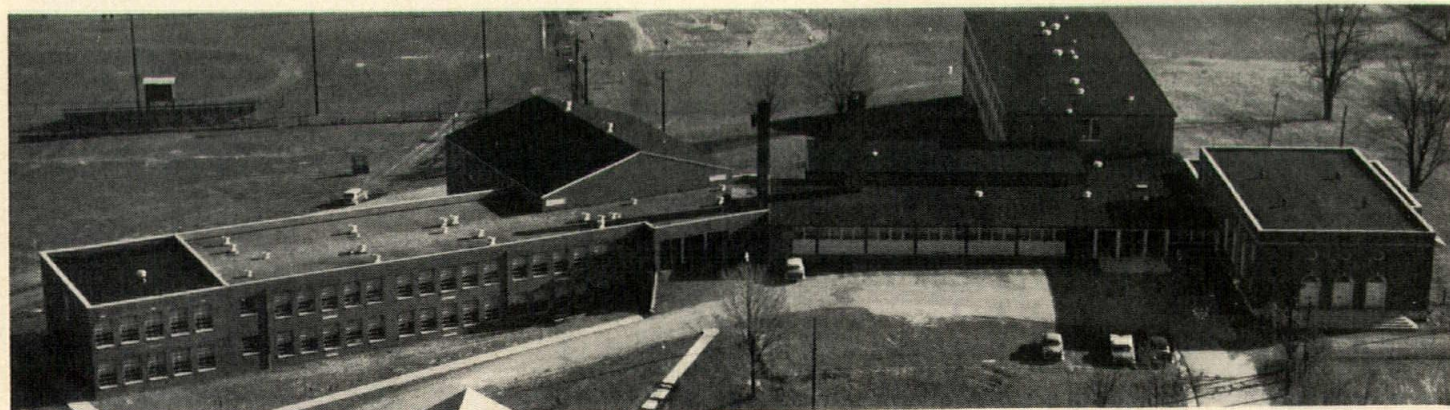
• The new Marion Primary School, in Marion, provides complete new facilities for the first three primary grades for Smyth County. The new school building lies adjacent to the intermediate and senior high schools in Marion on a 34 acre steeply sloping site. Architects Echols-Sparger & Associates cite this terrain problem as one of their greatest challenges in fitting the new building into the school complex. Their major problem, and this is a large school building, was maintaining the one floor plan while providing access to the playground areas at floor level.

Included in the building are facilities for administration, health service, multi-purpose spaces, dining, physical education areas, food preparation, library, special activities and 25 classrooms.

One circulation problem was the separation of bus loading from passenger car loading as a large number of parents bring their children to school and pick them up daily.

The building, 480 feet long by 155

Above: DETAIL OF NEW WING. Below: GENERAL VIEW OF SCHOOL AND NEW WING.



feet wide, is adjacent to the new interstate 81 by-pass. The landscaping is carefully blended with that of the new highway. The exterior of the building is of sand-finished brick with block interior walls and those surrounding the basement facilities for heating and custodial use. The roof is built-up. Intermediate projected windows were used with asphalt tile finish flooring.

Contract price for the project was \$517,241, which included paving, roads, driveways, concrete sidewalks, curbs and gutters, and kitchen equipment. The unit cost was \$10.58 per square foot. This contract price did not include, however, Phase I of the grading. This contract was awarded separately to O. E. Sayers of Marion for \$16,676.

Other subcontractors and suppliers included E. P. Ellis, Marion, concrete; Cates Building Specialties, Roanoke, steel; Roanoke Iron & Bridge Works, Inc., steel roof deck; Virginia Prestressed Concrete Corp., Roanoke, prestressed concrete; Industrial Decking & Roofing Co., Bristol, roofing; McNeil Company, Kingsport, Tenn., windows; Central Glass Co. of Virginia, Inc., Bristol, glazing; Coe & Sons, Wytheville, painting, plastic wall finish; W. Morton Northen & Co., Inc., Richmond, resilient tile, acoustical; J. Wiseman & Sons, Jonesboro, Tenn., plaster; Joe Rainero Tile Co., Inc., Bristol, ceramic tile and marble; Farragut Lumber Co., Knoxville, Tenn., millwork; Rowland Electric Co., Marion, electrical work; Galax Plumbing & Heating Co., Inc., plumbing, heating, ventilating; Nelson Hardware Co., Roanoke, finishing hardware; Wm. P. Swartz, Jr., & Co., Inc., Roanoke, kitchen equipment; Korok, Inc., Alexandria, chalk and tack boards; Dize Awning & Tent Co., Winston-Salem, window shades.

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

• According to architects Echols-Sparger & Associates, the major problem in the design of the new addition to the Rural Retreat High School was to house the complete high school educational facilities between an existing elementary and high school building and the auditorium.

In the development of this project it was necessary to remove the old, original Rural Retreat High School building to make way for the new addition.

Within the connecting wing are the administrative, health and library facilities. The mathematics, English, Business Education, Home Economics, Science and Art Departments, along with Physi-

cal Education facilities, were housed in a three story wing, at right angles to the main plant in the rear. The existing Science laboratories were added to and renovated, converting this area to the use of the Music Department.

Three stages of construction were necessary in order to maintain all school functions during the course of these major alterations.

The foundations for the building consisted of concrete caissons with grade beams and a structural steel frame and non-bearing walls. The building is 148 by 269 feet in size and is faced with a sand finished and glazed brick. Interior partitions are of concrete block. The roof is built-up and intermediate projected steel windows were used. Floors are of asphalt tile.

The existing high school and elementary school facilities were renovated and extended to provide completely new elementary school facilities. Rural Retreat can now boast of complete facilities, elementary and high school, with full provision for future expansion.

Contract price for this project was \$533,212 which did not include classroom or laboratory equipment. The unit cost was \$10.65 per square foot.

Subcontractors and suppliers included the following:

McKinney Drilling Co., Alexandria, caissons; Valley Steel Corp., Salem, reinforcing steel; Woodrum Brothers, Dublin, masonry; Structural Steel Co., Roanoke, steel; Bristol Iron & Steel Works, Bristol, steel roof deck; T. B. Dornin-Adams Co., Inc., Lynchburg, roofing; Southern Cast Stone, Knoxville, stone work; Bayley Window Co., Springfield, Ohio, windows; Pittsburgh Plate Glass Co., Roanoke, glazing; Coe & Sons, Wytheville, painting, plastic wall finish; W. Morton Northen & Co., Inc., Richmond, acoustical, resilient tile; K. W. Jackson & Sons, Kingsport, Tenn., plaster; Joe Rainero Tile Co., Inc., ceramic tile; Farragut Lumber Co., Knoxville, weed flooring, millwork; Valley Metal Products Corp., Roanoke, steel doors and bucks; Muncy Electric Co., Narrows, electrical work; Galax Plumbing & Heating Co., Inc., plumbing (Kohler fixtures), heating and ventilating; Brownson Equipment Co., Richmond, folding partitions; Engineering Sales Corp., Bristol, metal lockers; Lancaster Associates, Johnson City, Tenn., vault door; Montague-Betts Co., Inc., Lynchburg, exterior metal letters; Flowers School Equipment Co., Inc., Richmond, chalk and tack boards.

The general contractor did the carpentry, waterproofing, weatherstripping and insulation.

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ALEXANDRIA, VIRGINIA

Electrical contractor for the new
Hermitage Home, featured on page 24

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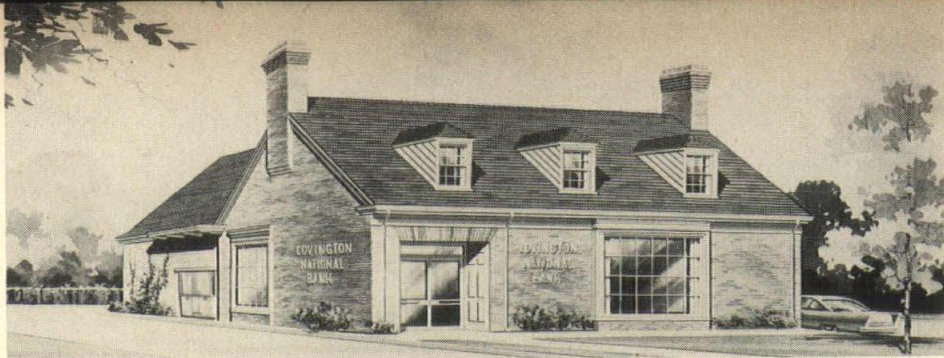
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MARION, VIRGINIA

Electrical Contractor for the new
Marion Primary School, page 46
Oak Hill Academy, page 26



COVINGTON NATIONAL BANK SOUTH OFFICE COVINGTON

architect
J. COATES CARTER
Martinsville

mechanical,
electrical
engineers
Sowers, Rodes and Whitescarver
Roanoke

structural
engineer
Rayford B. Smith

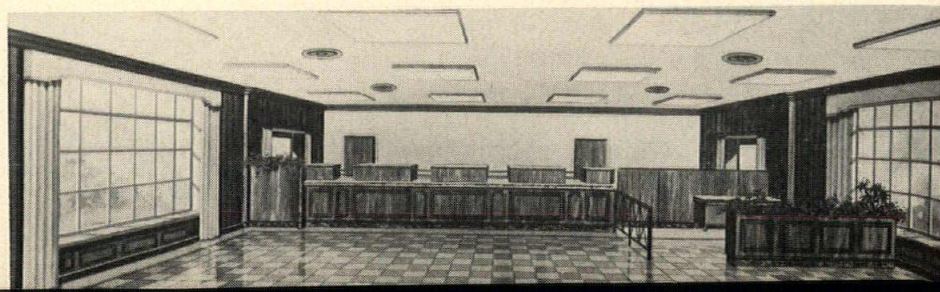
interior
designer
American Furniture & Fixture
Co., Inc.
Richmond

general
contractor
Robert L. Johnston
Waynesboro

The South Office is the first branch of the Covington National Bank. The parent bank was established in 1891, and has served Alleghany County, the City of Covington, and industries in and around the city and county for the past 72 years. The bank has been enlarged on two occasions.

The South Office will be located in a rapidly growing shopping area near the center of the city.

The building of colonial design with modern equipment will accommodate five tellers, two drive-in windows, interior night depository. Adequate parking and driveways will be provided in a landscaped setting on the corner of Main and Lexington.



J. C. PENNEY CO.



J. C. PENNEY STORE IN COVINGTON

T. A. CARTER, JR., Architect

EDWIN W. KNOWLES
Consulting Engineer

J. H. FRALIN & SONS
General Contractors

• The main street of Covington has seen several new stores replace older ones within the past two years as a result of increased industrial growth within the immediate area. Among the latest new facades is the one shown in the above design. It is owned by A. A. McAllister & Sons, Inc., and occupied by J. C. Penney Company. The site was previously the location of the old furniture-hardware store.

The design is simple and clean with the maximum of show-window space to the viewer. The construction consists of built-up roof on metal deck on steel joist and structural steel framing. Block and brick are the exterior walls, with ceramic tile as a decorative treatment. The interior walls are plastered masonry with suspended metal lath and

SUBCONTRACTORS AND SUPPLIERS

Superior Ready Mixed Corp., Covington, concrete; Webster Brick Co., Inc., Roanoke, masonry; Montague-Betts Co., Inc., Lynchburg, steel, steel roof deck, steel doors and bucks; I. N. McNeil Roofing & Sheet Metal Works, Roanoke, insulation, roofing; Pittsburgh Plate Glass Co., Roanoke, glazing.

Davidow Paint & Wallpaper Co., Roanoke, painting; Hampshire Corp., plaster; Martin Tile & Marble Co., Inc., Richmond, ceramic tile; W. Morton Northern & Co., Inc., Richmond, resilient tile; Valley Lumber Corp., Roanoke, millwork; Graybar Electric Co., Inc., Roanoke, lighting fixtures; Southwestern, Roanoke, electrical work; Herman Harlow, Buchanan, plumbing—Noland Company, Inc., fixtures; Adams Construction Co.

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

plaster ceilings and asphalt tile flooring. The building is mechanically treated by a central all season forced air system. Service entrance and employee parking is to the rear.

The biggest problem faced in the construction of the new store resulted from rock and water beneath the surface of the old building. Also the existing party foundation walls were of stone rubble walls. Underpinning and new reinforced concrete foundation walls remedied this situation.

The combined area of the main floor and basement is approximately 11,500 square feet. The cost of construction was approximately \$142,000, including demolition. Completion date was May, 1961.

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Ceramic tile contractor for
J. C. Penney Co., Page 49.

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Stonegate Club, page 42.

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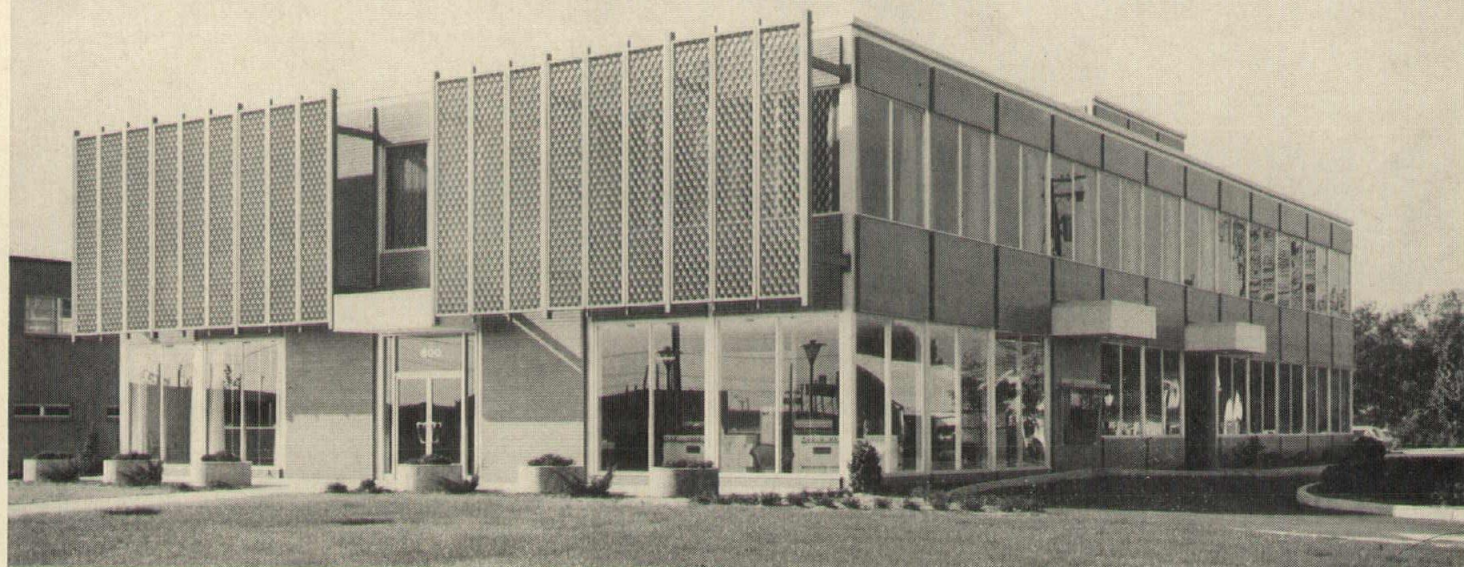
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WALLER & BRITT: Architects

VANSANT & GUSLER: Mechanical & Electrical

HANSON & CRAIG: Structural

WALLER & BRITT, KNOLL ASSOCIATES: Interiors

ROBERT R. MARQUIS, INC.: General Contractor

THE NEW general office building for the Portsmouth Gas Company, located on Loudoun Avenue in Portsmouth, was completed a little over a year ago. The striking aluminum sun screens make it stand out among the other new buildings in Portsmouth.

Designed by Waller & Britt, Architects, the two story structure measures 108 feet in depth by 63 feet in width. The exterior walls are principally of brick while interior partitions are plastered block. The roof is built-up, windows are of aluminum and the floors terrazzo.

Several of the design features of the building can be seen in the photo above which shows the driveway leading to the side entrance and drive-in teller for utility bills. The circular concrete

planters at the front of the building help set off the panels of brick and glass.

Exterior brick is panelized at the columns which are aluminum clad.

Engineers for the project were Vansant and Gusler, mechanical and electrical; and Hanson and Craig, structural. The architects and Knoll Associates were the interior designers. The general contractor was Robert R. Marquis, Inc., while the principal material suppliers and subcontractors included W. T. Stowe, Inc., Portsmouth, masonry; Richmond Steel Co., Inc., Norfolk, steel roof deck, steel; C. M. Norris Roofing and Sheet Metal Co., Portsmouth, roofing; Walker & Laberge Co., Inc., Norfolk, window walls, glazing, handrails, windows.

Also, Burgess Brothers, Portsmouth,

painting; A. D. Stowe, Portsmouth, plastic wall finish, plaster; Hall-Hodges Co., Inc., Norfolk, steel doors and bucks, paneling, window and door frames; Tom Jones Hardware Co., Inc., Richmond, weatherstripping; Hampshire Corp., Norfolk, insulation, acoustical; Clarence E. Swain Co., Portsmouth, ceramic tile; Ajax Co., Inc., Norfolk, resilient tile, terrazzo; Elliot & Co., Inc., Norfolk, millwork; Tuck & Kendall, Inc., Portsmouth, lighting fixtures, electrical work; Irving Spindel, Portsmouth, plumbing fixtures, plumbing; Tru-Temp Co., Inc., Norfolk, air conditioning, heating.

Excavating, foundations, concrete, waterproofing and carpentry were by the general contractor.

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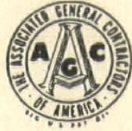
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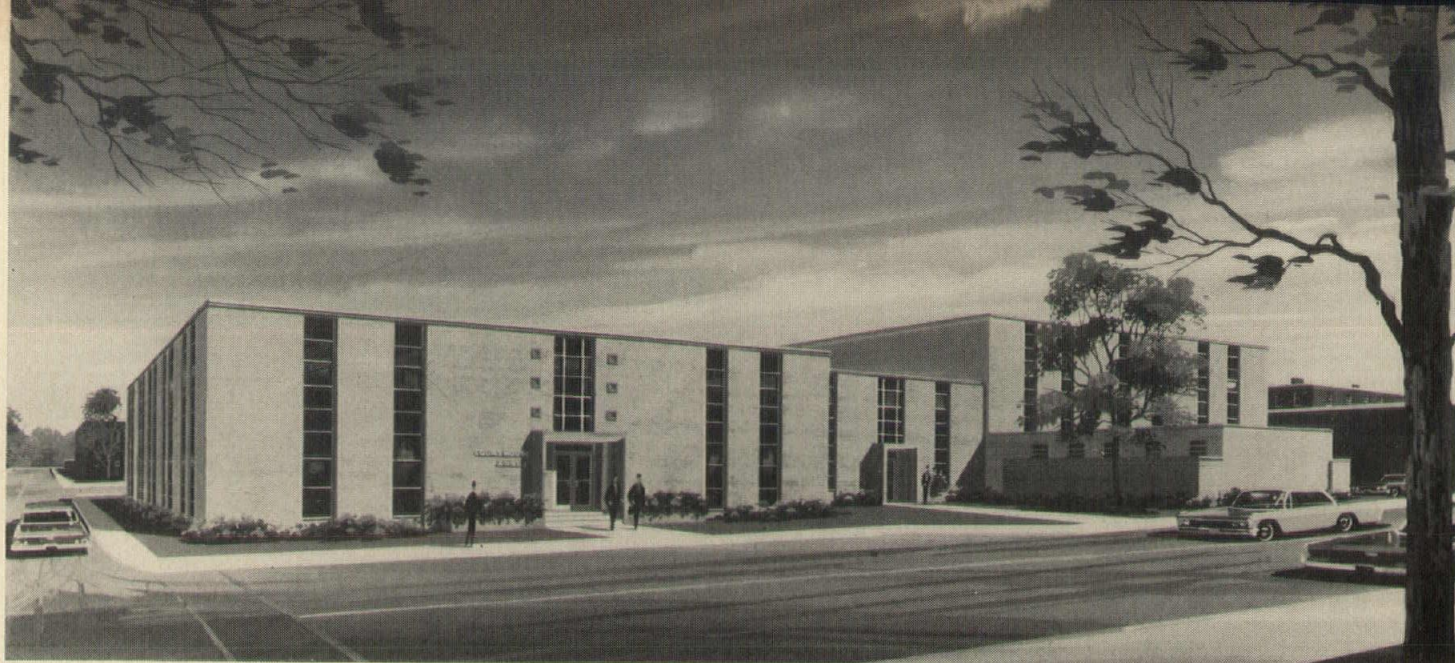
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State Reg. # 1815



COURTHOUSE ANNEX IN NEWPORT NEWS

FORREST COILE & ASSOC : Architects

W. BOYCE BLANCHARD: Mechanical & Electrical Consultants

FRAIOLI-BLUM-YESSELMAN: Structural Consultants

BASIC CONSTRUCTION COMPANY: General Contractor.

THE NEW NEWPORT NEWS COURTHOUSE ANNEX will contain facilities for three city courts, the juvenile detention home, youth bureau, city sergeant's office, and various police activities.

Looking at the building as pictured, the first floor on the left will house Juvenile and Domestic Relations Court, judge's chambers, clerk's office, juvenile department staff including probation officers, a public waiting room and one cell block.

On the second floor will be Civil and Traffic Courtroom, court clerks offices, judge's chambers, a law library, offices for the city sergeant and his deputies and police activities space. The last includes a classroom, a squad room and storage space for equipment and evidence.

On the right of building will be the juvenile detention home facilities and

more police activities space. There will be room for 12 boys and eight girls, each having a private room and lavatory. The low wing jutting to the front is the bedroom area. There will also be a general activities room, classroom, dining room and kitchen, clinic, visiting room, staff rooms and interviewing room. An outside play area has been provided in a courtyard surrounded on two sides by building wings and on two by walls.

A gymnasium will occupy the second floor above the juvenile facilities. This will be primarily for police use, but can be used by the youngsters during inclement weather. Showers and locker rooms adjoin the gym. There will also be other storage and office space on this floor.

There will be a basement that will have, among other things, a pistol range area about 125 feet long and rooms for ammunition storage and gun cleaning.

SUBCONTRACTORS & SUPPLIERS

Concrete Structures, Inc., Richmond, pre-stressed concrete plank; Benson-Phillips Co., Newport News, concrete; United Fireproofing Corp., Hampton, masonry; R. E. Lawrence & Co., Portsmouth, subcontractor, steel; Hall-Hodges Co., Inc. Norfolk, supplier, steel forms; Montague-Betts Co., Inc., Richmond, steel roof deck.

Rayson Co., Inc., Charlotte, N. C., roofing; Mt. Airy Granite, J. A. Deatherage Stone Co., Greensboro, N. C., granite; Indiana Limestone Co., Bedford, Ind., limestone; Alan K. Norbert Co., Inc., agent, Valley Metal Products Corp. windows; Fenestra, Inc., Norfolk detention screens; Century Aluminum Products, Mount Vernon, N. Y., aluminum windows; Pittsburgh Plate Glass Co., Hampton, glazing.

Shaw Paint & Wall Paper Co., Inc., Hampton, painting. Guaranteed Waterproofing Co., Greensboro, waterproofing; W. Morton Northen & Co., Inc., Richmond, resilient tile, acoustical; Febré & Co., of Newport News, Inc., plaster; Ceramic Tile & Marble Co., Hampton, ceramic tile; Burton Lumber Corp., South Norfolk, millwork.

Roanoke Iron & Bridge Works, steel doors and bucks (detention); Door Engineering, Norfolk, metal doors, frames, hardware; L. W. Roberts Co., Richmond, lighting fixtures; Perry Electric Co., Inc., Newport News, electrical work; Warwick Plumbing & Heating Corp., Newport News, plumbing, air conditioning, heating, ventilating; Modernfold Doors, Norfolk, folding partitions; Esco Elevators, Inc., Norfolk, supplier of elevator; L. F. Chiselbrook, Norfolk, installer.

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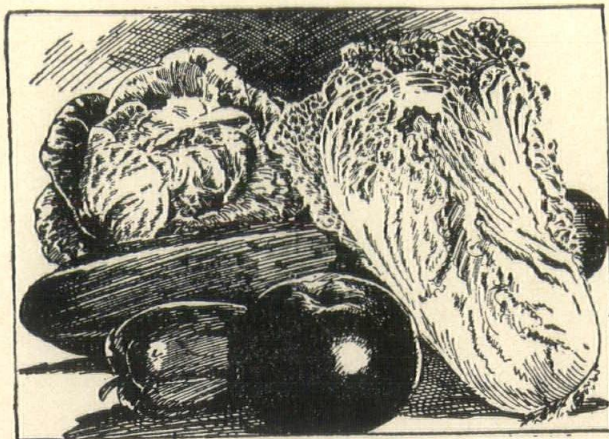
NEWPORT NEWS, VIRGINIA

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Mechanical Contractor for the New Newport News Court House Annex and
Juvenile Center Featured on This Page.

FALL CROPS

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Many vegetables difficult for the gardener to grow in the spring are easy in the fall. In some cases, this is because of Nature's provision that in the fall they do not go to seed. Try your luck this fall. Follow the chart below.

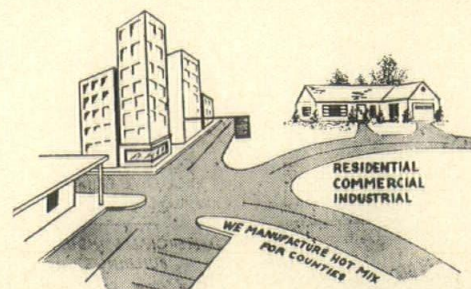
TESTED LATE PLANTING CHART

The following dates have been taken from actual field tests, made by ourselves here in Richmond:

	<i>Latest Safe Planting Date</i>
String Beans, All Varieties	Aug. 20
Beets, All Varieties	Aug. 15
Swiss Chard	Aug. 15
Collards	Aug. 10
Smooth Kale	Aug. 30
Curled Kale	Sept. 15
Lettuce, Wood's Cabbage (head)	Aug. 15
Lettuce, Grand Rapids (leaf)	Aug. 20
Mustard, So. Giant Curled	Sept. 1
Mustard Spinach	Sept. 10
Radish, Winter	Aug. 15
Radish, Early	Sept. 1
Spinach, New Zealand	Aug. 15
Spinach, Bloomsdale	Dec. 1
Turnip, Imp. Purple Top White Glove	Aug. 30
Turnip, Yellow Aberdeen	Aug. 15
Turnip, Seven Top	Sept. 15
Chinese Pelsai or Celery Cabbage	Aug. 15



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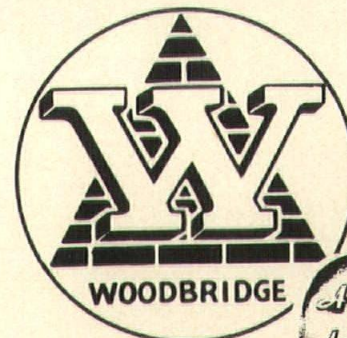
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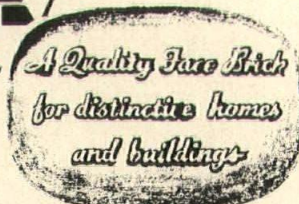
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Painting contractors for Virginia
Employment Commission Building, Page 22



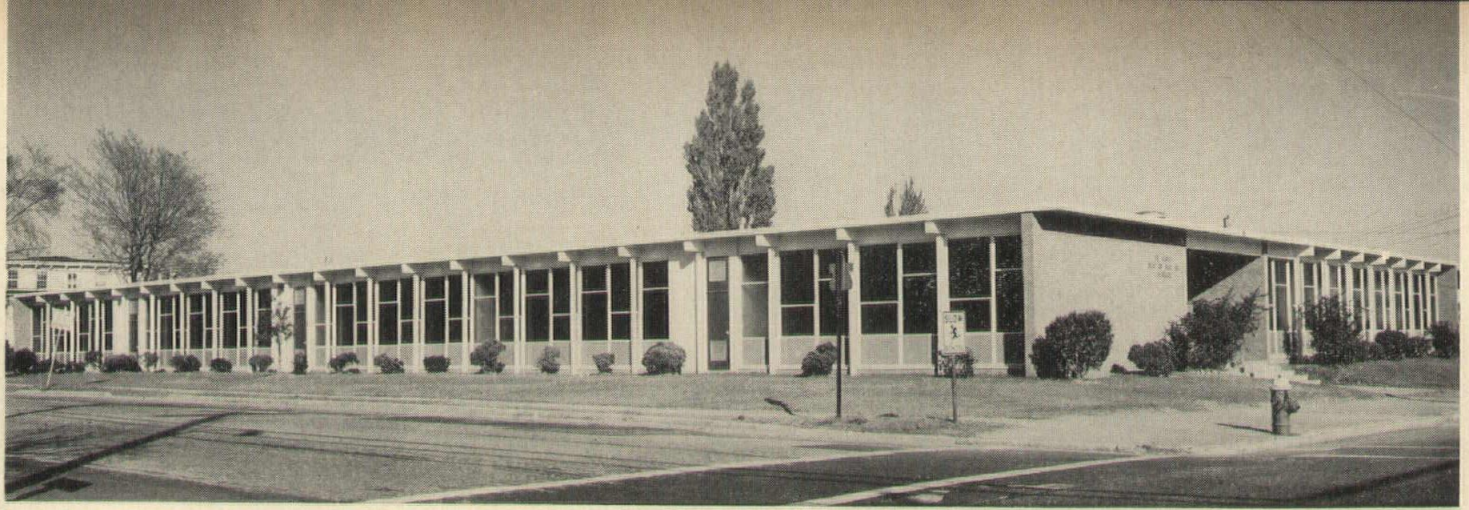
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General Contractor

• St. Mary's Star of the Sea Parish, because of change from 11 to 12 year school system and increasing enrollments, was compelled to expand the facilities of its parochial school at Hampton. It was decided to build a new Junior High School building without gym or cafeteria, which were already provided in the existing buildings. Having very little capital with which to work, the firm of T. J. Collins & Son, Architects, Staunton, employed to design the school, were instructed to design a building requiring as low cost in maintenance as possible, and construction at the lowest cost possible.

The building was designed with a concrete floor slab on grade, and post and lintel construction supporting a built-up roof over a Tectum deck, all exposed, with the supporting steel columns exposed to the outside. The building is enclosed with window walls and stucco, and brick walls at the ends. The interior partition walls are light

weight blocks with the corridor wall being continuous glass above the door height to give the corridor natural daylight. The floor is vinyl tile, except in the large toilets, where there is quarry tile. The heating system is made up of small residential type warm air units with a forced ventilating system for each classroom—each room being individually controlled. This system was installed in a small room between two classrooms with entrance to the outside.

The new school building contains eight classrooms; a science room; a library; teachers' room, clinic and book-storage room, offices and waiting room area; toilets and lobby. It was constructed at little less than \$9.00 per square foot. After a year and a half of operation, everyone, including teachers and pupils, are happy with the new bright and airy effect which the building offers.

Conrad Brothers, Norfolk general contractors, also did the work on

foundations concrete, and carpentry.

Principal subcontractors and suppliers included the following, of Norfolk unless otherwise noted:

Vicellio-Weaver Co., excavating; William F. Stier, Jr., Virginia Beach, masonry; Richmond Steel Co., Inc., Richmond, steel; Fowler Roofing Co., Inc., steel roof deck; Southern Block & Pipe Corp., prestressed concrete; American Sheet Metal Corp., waterproofing, roofing; Tectum, roof deck; Truscon Steel Div., windows, window walls.

E. Caligari & Sons, Inc., painting, plastic wall finish, acoustical; Ajax Co., Inc., ceramic tile; Ramsey Floor Covering, resilient tile; Slaughter Lumber Co., millwork; Hall-Hodges Co., Inc., steel doors and bucks; M. A. Hartley & Co., Staunton, lighting fixtures; Alston Electric Co., electrical work; Hampton Hytronics, Inc., Hampton, plumbing (Crane fixtures), heating and ventilating.

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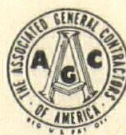
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Courthouse Annex & Juvenile Center, page 53

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featured on page 26

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featured on page 51

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See Page 55

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General Contractor for St. Mary's Star of the Sea School,
Featured on Page 55

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tured on page 23.

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Concrete Suppliers for the Virginia Employment
Commission Building, Featured on Page 22

brochure on brick

• A handsome new brochure, in standard file size, is now being made available by Sanford Brick and Tile Company, to architects, contractors and others connected with the building trade.

The brief text and numerous photographs describe the facilities of the company, one of the nation's leading brick producers.

A feature of the new brochure is a loose-leaf collection of twelve brick panels, each on a different sheet, in large size natural color reproductions. These represent only a small part of the Sanford Brick line and additional panel sheets will be supplied from time to time to those recorded as having the new brochure.

Interested members of the building industry may obtain a copy by writing on their business letterhead to the Sales Dept., Sanford Brick & Tile Co., Colon, N. C.

new telephone instrument available

• A new and different phone is now available from the Chesapeake and Potomac Telephone Company of Virginia. It's a "built-in panel phone" according to D. B. Williams, local manager.

This "panel" phone is a natural partner to built-in appliances in the kitchen. It is streamlined, smartly styled and advanced in design.

The "panel phone" features disappearing cord, adjustable bell, chrome switch hook and comes in two color schemes — anodized aluminum wall panel, with light gray frame, white handset; or anodized copper wall panel, with light beige frame that has a matching beige handset.

In addition to the regular features, such telephone items can be added to the "panel phone" as Home Interphone service, a two-line pickup, six-button exhibibility as well as Speakerphone operation.

The panel telephone can be easily installed in walls or cabinets. C & P suggests, however, that a home be telephone Planned in order to simplify its installation for the home owner. Prior to building a new home while the plans are still on the drawing board, provision can be made for the "panel phone" and other desired locations.

C & P manager Williams said anyone considering building a new home and who is interested in telephone planning their home should contact the local business office for details.

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Featured on page 30*

and

*Newport News Courthouse Annex and
Juvenile Center, Featured on Page 53*

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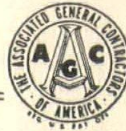
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FALLOUT SHELTER

• The Department of Defense, in cooperation with the Virginia Office of Civil Defense, the Richmond Professional Institute and the Old Dominion College, has announced a course in **FALLOUT SHELTER ANALYSIS** to be conducted for qualified architects and engineers in the Richmond and Norfolk metropolitan areas.

In Norfolk, the course will begin September 13 and be held every Friday evening from 7:00 to 10:00 p.m. in the Hughes Library building at Old Dominion College, 48th Street and Hampton Boulevard. In Richmond, the course will start on September 14 and be held every Saturday morning from 9:00 a.m. to 12:00 noon in the Hibbs Building at the Richmond Professional Institute, 901 West Franklin Street. The courses will run until mid-December. No tuition or fee is involved.

The course will be equivalent to the intensive two-week Fallout Shelter Analysis course offered at the U. S. Army Engineers school at Fort Belvoir, Virginia. Subjects such as effects of nuclear weapons, structure of matter, attenuation of nuclear radiation by structural shielding, shelter criteria, environmental engineering, blast resistant design, and introduction to structural dynamics are included in the curriculum. Problems and assignments in simple and compartmental shielding techniques and three written examinations will be given during the course.

Instructor for both courses will be David Burke, a professional engineer, who is a member of the George Washington University Fallout Shelter Analysis course staff.

To be admitted to the course, an applicant must be a registered architect or engineer, or hold a Bachelor Degree from a recognized school of architecture or engineering.

Those who successfully complete the course will be certified by the Department of Defense as qualified Fallout Shelter Analysts, and will be listed in National and Regional directories published periodically by the Office of Civil Defense. They will also be placed on OCD mailing lists to receive current information and technical developments in the field of fallout shelter design.

In this nuclear age, architects and engineers throughout the country should have a thorough understanding and knowledge of the fundamentals and newly developed techniques of fallout shelter design and analysis. With this

added knowledge and capability, an architect or engineer can provide an optimum degree of fallout protection in any proposed building project with very little, if any, increase in construction cost and without handicapping the primary use of the building.

This course is designed to serve representatives of architectural and engineering firms; industry; Federal, State, county and municipal government agencies; school boards; and public utilities.

Architects and engineers interested in attending the course in Richmond or Norfolk should obtain application forms from W. B. Pettigrew, Director, Training and Education, Office of Civil Defense, Department of Defense, Region 2, Olney, Maryland.

INDEPENDENT FALLOUT STUDY

• An independent study course in Fallout Shelter Analysis for qualified architects and engineers will be offered by the University of Wisconsin in cooperation with the Office of Civil Defense, Department of Defense, beginning in September. This will consist of 40 lessons conducted through correspondence between the student and the University. Summary and review lessons and examinations will be given and, upon satisfactory completion of the course, the student will be certified as a Fallout Shelter Analyst.

To defray the cost of registration, postage and course materials, which will be furnished by the University, a fee of \$25.00 will be charged each person enrolled.

The course will include topics such as: Introduction to Nuclear Physics, Effects of Nuclear Weapons, Radiation Shielding Methodology, Master Field Problems, and Shelter Environmental Considerations.

Material covered in the home study course is equivalent to a two-week intensive course given by the Corps of Engineers at Fort Belvoir, Virginia.

Architects and engineers who are interested in participating in the independent study course should request application forms from the Director, Training and Education, Office of Civil Defense, Region TWO, Olney, Maryland. Upon approval, qualified applicants will then be advised of enrollment procedures.



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NORFOLK, VIRGINIA

Ferrum Elementary School

(Continued from page 32)

Junior College. The structural materials have been selected to blend with the materials used for the college buildings.

The school will supersede a number of obsolete school buildings, one to three rooms, which will be discontinued. A section of the new building will be used for six primary classes at the beginning of the school term in September, 1963. The remainder of the building will be completed by the end of the year.

The school unit provides for a multi-purpose room with modern kitchen, library, clinic, teachers' rest rooms, and accessory spaces. Considerable playground space is provided near the school and on the lot. The building literally has two fronts, since the main entrance for buses will be on one side and playground entrance on opposite side, adjoining the college campus.

This building is the last unit in a long range planning schedule for Franklin County. The school system has erected five new buildings during the past year and an addition to an existing building.

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Worley Ready Mix Concrete, Inc., Rocky Mount, grading, ready mix concrete; Martinsville Concrete Products, Inc., structural tile, concrete masonry; Montague-Betts Co., Inc., Lynchburg, windows, steel, metal roof deck, handrails, hardware, hollow metal work; Southern Roof Deck Co., Inc., Roanoke, Tectum roof deck; J. Frank Stultz Roofing & Sheet Metal Co., Martinsville, roofing.

Superior Block Co., Charlotte, N. C., cast stone work; Pittsburgh Plate Glass Co., Roanoke, aluminum entrance doors, glazing; Richard L. Shough, Martinsville, painting, dampproofing; W. Morton Northen & Co., Inc., Richmond, acoustical tile, resilient tile; Hite Tile Co., Collinsville, quarry tile, terrazzo, stone window sills, marble toilet partitions.

Southside Manufacturing Corp., Danville, millwork; Engleby Electric Co., Inc., Roanoke, lighting fixtures, electrical work; J. H. Cothran Co., Inc., Altavista, plumbing fixtures, plumbing, heating, ventilating; Rusco Window Co., Roanoke, chalk boards and bulletin boards; Schatz Kitchen Equipment, Inc., Washington, D. C., food service equipment; J. H. Pence Co., Roanoke, classroom cabinets, coat and hat racks.

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- Contractor for plumbing, heating, air conditioning and ventilating, Southampton Memorial Hospital, page 30.
- Contractor for plumbing, heating and air conditioning, Southampton Medical Building, page 30.

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- St. Christopher's Church, Page 20
 - Portsmouth Gas Company, Page 51

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Painting contractors for the Newport News Courthouse Annex and
Juvenile Center, featured on page 53

Modine Plant

(Continued from page 23)

existing water storage tank which has been completely rehabilitated for service.

Electrically, suitable industrial and office fluorescent lighting will be used with outside security and floodlighting for the plant. Heavy bus duct and trolley duct installations will be included for power to the manufacturing equipment.

The manufacturing and warehousing of steam and hot water unit heaters, gas-fired unit heaters and related gas-fired products will take place in this Virginia plant which will soon join the family of Modine plants in Wisconsin, Indiana, Kentucky, California and Illinois.

St. Thomas More

(Continued from page 27)

The new structure is built on a basement, which was previously used as a church, and completes the entire church plant, including a large school, hall, convent and rectory.

This parish, as well as its plant, is looked after by the Right Reverend Monsignor Arthur J. Taylor, who took over his duties there shortly after its establishment.

SUBCONTRACTORS AND SUPPLIERS

Virginia Concrete Co., Inc., Springfield, concrete; Adams Fabricated Steel Corp., Washington, steel joist; Dietrich Brothers, Inc., Baltimore, structural steel; Concrete Structures, Inc., Richmond, prestressed concrete; Virginia Roofing Corp., Alexandria, roofing, waterproofing; Arban & Carosi, Inc., Alexandria, cast stone; Brown & Grist, Inc., Bethesda, Md., windows; Wheaton Glass Co., Wheaton, Md., glazing; The Eutaw Painting Co., Hyattsville, Md., painting.

I. S. Turover, Bethesda, paneling, millwork; Bilton Insulation & Supply, Inc., Arlington, insulation; A D A Plastering Co., Inc., Arlington, acoustical, plaster; United States Tile & Marble Co., Inc., Washington, ceramic tile; Southern Floors & Acoustics, Inc., Arlington, resilient tile; Kompolite Co., Inc., New Rochelle, N. Y., terrazzo; Fred S. Gichner Iron Works, Inc., Washington, handrails; Trovato Electric Co., Inc., Alexandria, lighting fixtures, electrical work.

Excavating, masonry, carpentry, and weather-stripping was done by the general contractor.

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C&P Office Building

(Continued from page 45)

Dixie Building Products, Inc., steel doors and bucks; Blue Ridge Welding & Repair Shop, handrails; Cross Electric Co., Inc., lighting fixtures, electrical work; Weddle Plumbing & Heating, plumbing fixtures, plumbing; Johnston-Vest Electric Corp., heating; Adams Construction Co., paving.

All are Roanoke firms unless otherwise noted.

Foundations and concrete work was by the general contractor.

BRIDGE-TUNNEL

(Continued from page 41)

Windows will be of heat absorbing plate glass with extruded aluminum frames.

The entire building is raised on a pedestal which will be planted and landscaped with shrubs and small flowering trees—contrasting with the natural character of the Eastern Shore.

Contracts for the construction of this project have been signed and work has begun to insure its completion for the scheduled opening of the Bay Bridge-Tunnel in the spring of 1964.

Subcontractors, all of Norfolk, include Manson & Utley, Inc., acoustical tile; Ajax Co., Inc., resilient floor ceramic tile and terrazzo; Ocean Electric Corp., electrical; Walker & Laberge Co., Inc., glass and glazing; John Brothers, plaster; Coley & Petersen, Inc., plumbing, heating and air conditioning; E. Caligari & Son, Inc., painting; Roo Engineering Corp., roofing.

Concrete, lumber and millwork will be done by the general contractor.

Ravensworth School

(Continued from page 45)

windows; Allen Glass Co., Inc., Alexandria, glazing; Arlington Maintenance Co., painting; Southern Floors & Acoustics, Inc., Arlington, acoustics; Dodd Bros., Inc., Falls Church, plaster; McClary Tile, Inc., Annandale, ceramic tile, terrazzo.

Printz Floor Co., Inc., Arlington, resilient tile; Arlington Wood Work & Lumber Co., Inc., millwork; Shore Building Products, Washington, steel doors and bucks; Trovato Electric Co., Inc., Arlington, lighting fixtures, electrical work; Bob Vranich, Inc., Alexandria, plumbing, heating and ventilating; Brownson Equipment Co., Inc., Richmond, folding partitions; Southern Desk Co., Fredericksburg, movable classroom equipment.

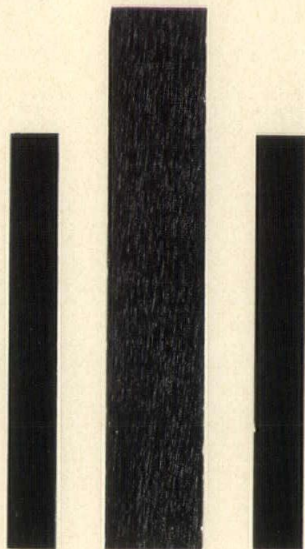
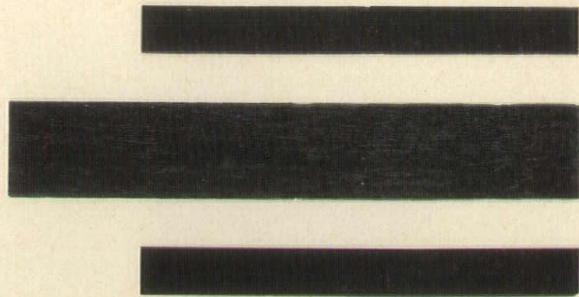
The general contractor did the work on foundations, concrete, and carpentry.

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**Pearson's Corner
Elementary School**

(Continued from page 41)

block while the interior partitions are block. Windows are steel double hung with an added hopper vent. Floors are vinyl-asbestos except in toilet areas where they are of quarry tile.

The "cafetorium" boasts of its own permanent stage complete with sound-system. Another school-wide sound system serves other areas. Even though it was a very low budget building, it has two flag poles (for state and national flags at the same level), walls of Italian glass tile, cast stone and Mosai decorative elements and ceramic tile walls in the toilets.

SUBCONTRACTORS AND SUPPLIERS

F. G. Pruitt, Inc., excavating; Southern Materials Co., concrete; L. W. Campbell, masonry; Welding Service Co., steel; Concrete Structures, Inc., prestressed concrete; J. B. Eurell Co., roof deck; N. W. Martin & Bros., Inc., roofing; Economy Cast Stone Co., stone work.

Republic Steel Corp., windows; Sash, Door & Glass Corp., glazing; T. F. Payne Painting, painting, plastic wall finish; Miller Mfg. Co., Inc., paneling, millwork; Pleasants Hardware, weatherstripping; C. B. Smith Co., acoustical, resilient tile; General Tile & Marble Co., Inc., ceramic tile; The Staley Co., Inc., steel doors and bucks.

Southeastern Electric Supply Corp., lighting fixtures (Benjamin, Guth, Kurt Versen and McPhilben); Varina Electric Co., Varina, electrical work, ventilating; Harris Heating and Plumbing Co., Inc., plumbing (Crane fixtures), heating. Foundations and carpentry are by the general contractor.

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Electrical Contractor: Virginia Employment
Commission, See Page 22

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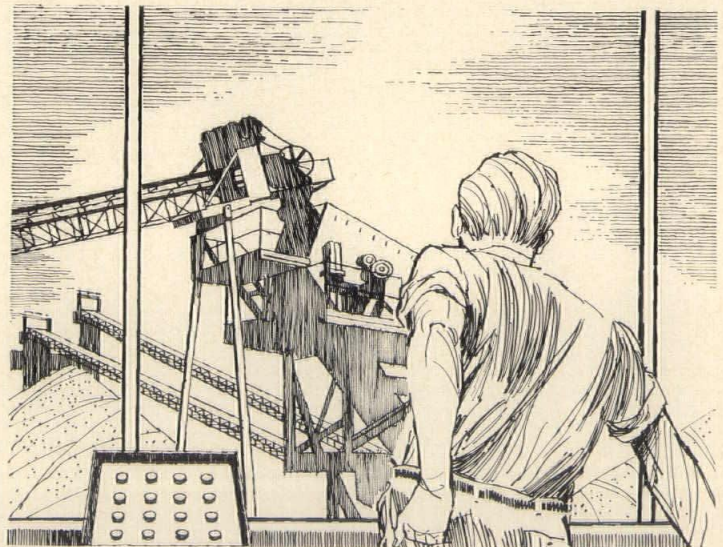
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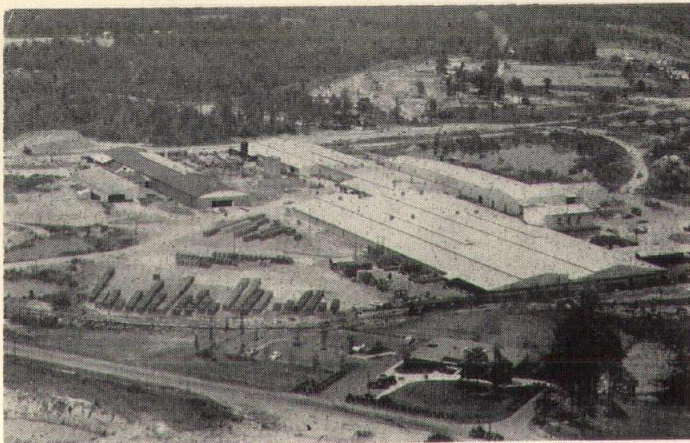
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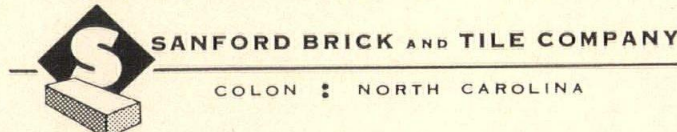
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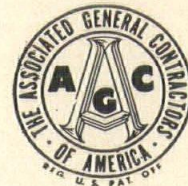
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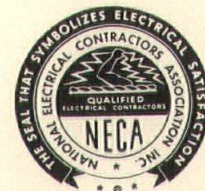
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and Juvenile Center, Featured on Page 53

Is There a Doctor?

(Continued from page 5)

Unfortunately, the President's discovery that the problems involving the Negro in a white society had gotten bigger than politics can not undo in a day—nor in his administration, even if extended to his children as successors—what politics have done for a century-and-a-half. In the fateful Missouri Compromise between the North and the South, 145 years ago, the issue of the Negro—then as a slave—was first made a political bone of contention. In the following 40 years, until the Civil War, the issue of the Negro as slave was never faced squarely on the grounds of either humanism, economics or sociology. All power and the abolitionist fanatics. A reaching a reasonable, equitable solution for ending the existence of chattel slavery.

In those years, both England and Mexico found equitable ways of ending slavery without working a hardship on slaveholders or creating any sectional divisiveness. In America, we had the extreme alignments between the slave-power and the abolitionists fanatics. A president from New Hampshire, Franklin Pierce, repeatedly denounced the abolition fanatics on the grounds that aggression creates resistance—extreme begets extreme—and that the zealots were appealing to the slaves to rise against their masters instead of trying to work with the whole society. Caught between these extremes, the conservatives—including a proportion of slaveholders sincerely interested in practical emancipation—made no more impression than they do today.

Then, when war came over an amalgam of causes, Lincoln, by his own statement, used his Emancipation Proclamation as a war measure to give some crusading zeal to the lagging effort to return the seceded states by force. That, as the saying goes, did it. From that day until now this measure of expediency has been lifted from its context to assume some humanistic aura, though Lincoln had himself said that forcible emancipation would create more harm than the continuance of slavery. Well, Lincoln was a good prophet: it did.

The Negro was freed in a despotic action, authorized by the emergency of war, which actively pitted him against his former masters in the wreckage of a destruction created by his saviors. Then, after the fanatics discovered that they had not wrought a paradise, and after the political powers could exploit him no further, he was dropped and left in a society in which everything possible

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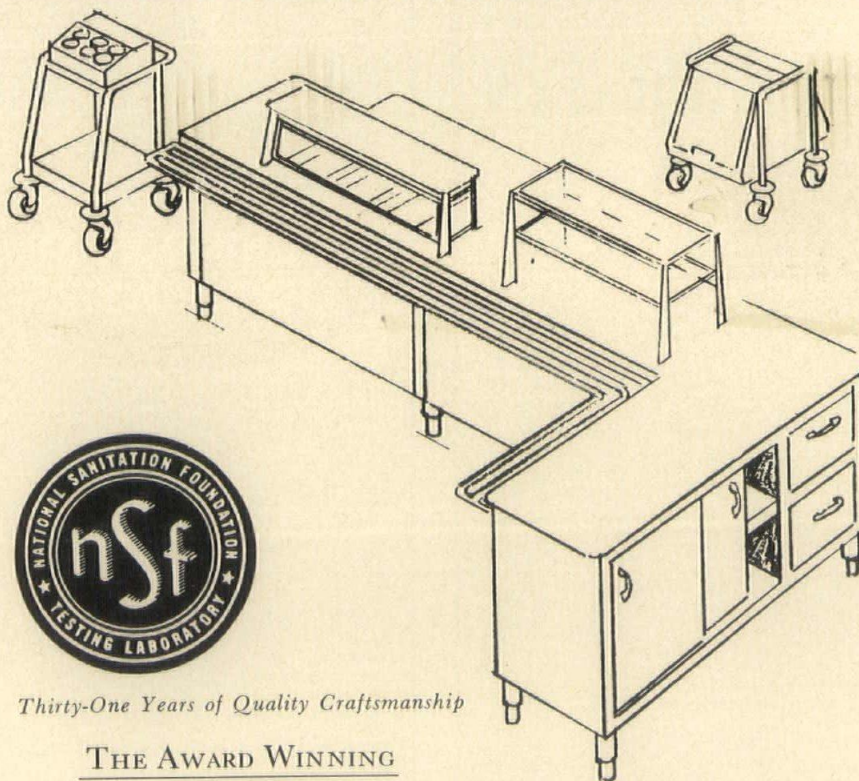
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Installation of three passenger elevators for
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on page 30.

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had been done to make hostile to him. There for nearly a century he was forgotten.

Now by numbers he has become again important to the politicians and again there are the vocal crusaders who express their own humanity by hatred of the white Southerner. Psychologists well understand the motivations of the neo-abolitionists: aggression expressed toward social ends is the safest form of relieving hostilities and inner conflicts because it enjoys a moral sanction. Understanding the motivations does nothing to halt the force when the social-minded haters make common cause with the politicians, as the abolitionists did with Lincoln. The worst of it all is that the present combine draws its historic support from "The Great Emancipator," at the same time claiming that everything that went into producing the present dilemma is "ancient history."

Between the politicians and the neo-abolitionists we hear a dreadful melange of civil rights, liberties, human dignity, equality, all mixed together as if they mean the same thing. There is probably not a community in the country where the plight of the Negro does not need improvement, with the need rising in proportion to density of the Negro population. What to do is a problem that requires the most clear minded thinking to implement the purpose of effecting a social adjustment of gigantic complexity. Needless to say, this will not be effected through any combination of irresponsible crusaders talking liberalism and opportunistic politicians talking civil rights.

Nothing at the national level, whence derived the present crisis, indicates any interest in getting at the root of the matter—by studying the origin and development of the present dilemma. On the contrary, in Washington the impulse seems to be to tear the problem from the context of time and to act against custom as though custom was something that yielded to legislative mandates. The late Ruth Benedict, very much an anti-racist, devoted much of her studies to proving that no inherent inequality exists between races. Yet, she said,

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- Portsmouth Gas Co. Bldg., Page 51
- Newport News Courthouse Annex, Page 53
- St. Mary's Star of the Sea School, Page 55

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Installation of roof deck for Pearson's Corner Elementary
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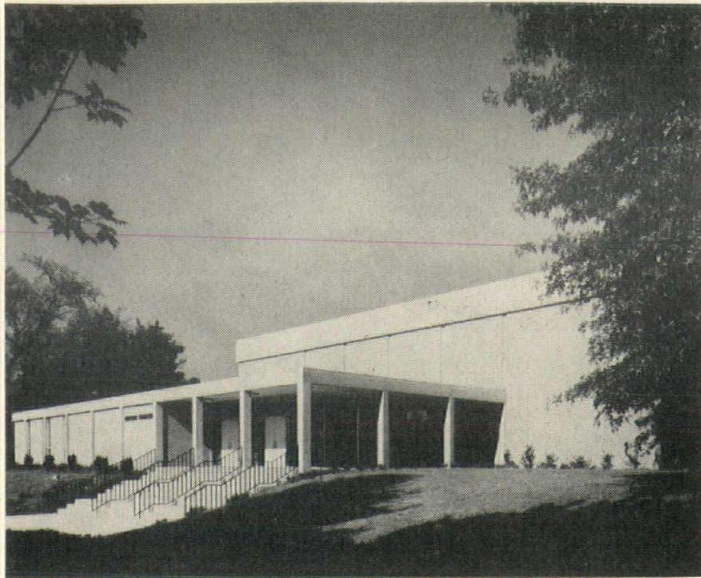
What we have in the Negro's changing position is "a complicating fact of human life." It will not be made less complicated either by laws or by politicians, frightened at the monster concocted by expediency, making pious appeals to change tomorrow the moral climate of communities. The moral climate might take as long to change as it was to form. At the most conservative estimate, fifty years would be a short time for the Negro to achieve the equality he has come suddenly to demand. If America is at last to face the actual problem of assimilating its Negro population on a basis of complete, unreserved equality in all matters—where all distinctions cease to exist—the truly humanitarian approach would be to warn both races that they are in for several generations of profound adjustment.

While the present administration inherited a problem that has existed since the founding of the country, there is undoubtedly a tendency toward omnipotence in the Kennedys which promotes a delusion that anything is possible if they go about it shrewdly enough. This delusion has already thrown a match into the powderkeg. Now that they have discovered the Negro problem was really an issue, the only hope—and this very faint—would be the growth of enough humility to cause the admission of human fallibility.

They need to recognize that all the men from Jefferson on who pondered unsuccessfully over the problem were not merely dingy milestones pointing the way to the millenium under the Kennedys. Some awfully good men have failed along the way and no ready success is at hand for the present saviours. But the coming decades might be more bearable if the leaders would look at the real values involved, the enormity and complexity of the changes demanded, and surrender their omnipotence.

The first step in the right direction would be the realization that politics can only muddy the waters. In fact, the truly great leader on the racial dilemma will be the first qualified, responsible man in 143 years who goes at the roots of the problem non-politically. But, where will such a social physican come from?

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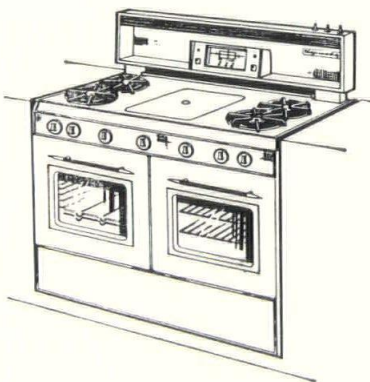
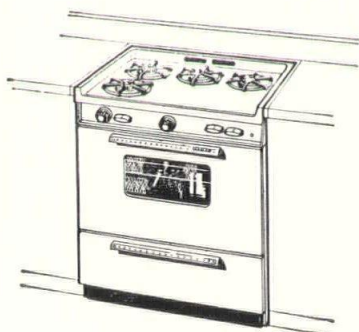
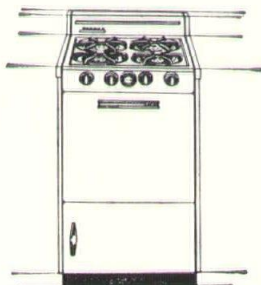
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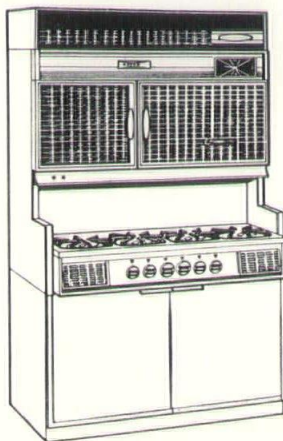
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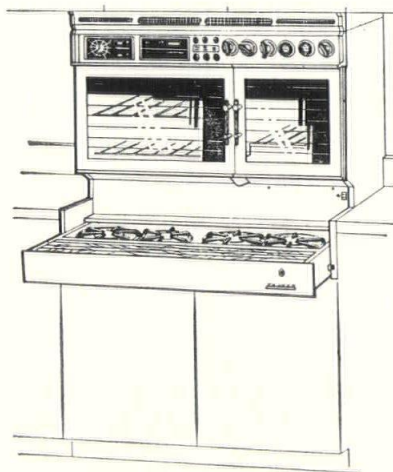
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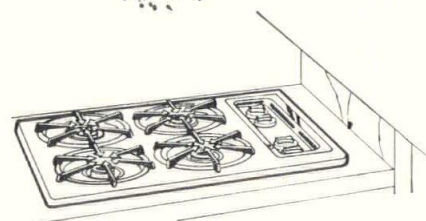
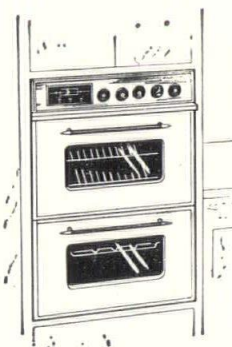
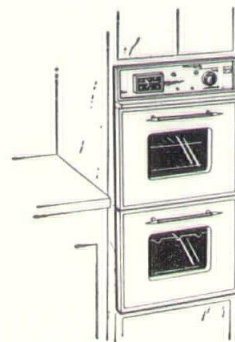
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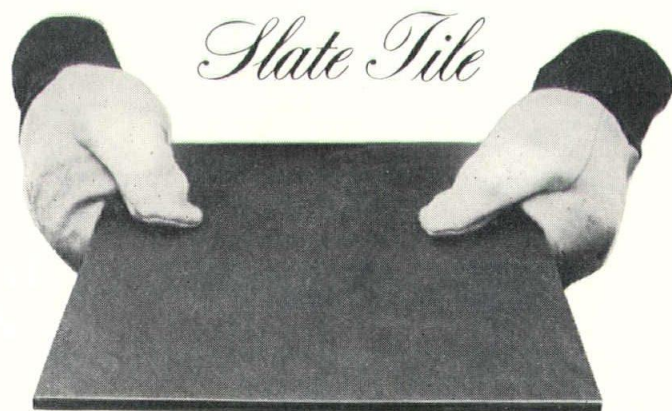
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